LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DDC40

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN034350.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.399 | 83 | 87 | 106 | rVB | 255204 | 413328 | 1.70% | 0.299% |
| 2 | 3.646 | 115 | 129 | 133 | rBV | 194881 | 529199 | 2.17% | 0.383% |
| 3 | 4.581 | 283 | 288 | 297 | rVV | 619563 | 851274 | 3.50% | 0.616% |
| 4 | 5.452 | 429 | 436 | 446 | rVV2 | 378985 | 605652 | 2.49% | 0.439% |
| 5 | 5.764 | 484 | 489 | 495 | rVV | 345936 | 559213 | 2.30% | 0.405% |
| 6 | 5.928 | 504 | 517 | 522 | rVV3 | 145266 | 329332 | 1.35% | 0.238% |
| 7 | 5.981 | 522 | 526 | 530 | rVV | 147511 | 209816 | 0.86% | 0.152% |
| 8 | 6.046 | 530 | 537 | 541 | rVV3 | 103612 | 256108 | 1.05% | 0.185% |
| 9 | 6.311 | 574 | 582 | 587 | rBV4 | 88962 | 195510 | 0.80% | 0.142% |
| 10 | 6.405 | 595 | 598 | 603 | rVV | 211913 | 316551 | 1.30% | 0.229% |
| 11 | 6.464 | 603 | 608 | 611 | rVV | 262382 | 407560 | 1.67% | 0.295% |
| 12 | 6.493 | 611 | 613 | 617 | rVV | 154175 | 207317 | 0.85% | 0.150% |
| 13 | 6.587 | 617 | 629 | 633 | rVV2 | 968037 | 2079098 | 8.54% | 1.506% |
| 14 | 6.622 | 633 | 635 | 642 | rVB | 161607 | 225922 | 0.93% | 0.164% |
| 15 | 6.740 | 648 | 655 | 660 | rBV | 783650 | 1200326 | 4.93% | 0.869% |
| 16 | 6.781 | 660 | 662 | 667 | rVV2 | 169143 | 231993 | 0.95% | 0.168% |
| 17 | 6.840 | 667 | 672 | 676 | rVV | 201520 | 350047 | 1.44% | 0.253% |
| 18 | 6.922 | 681 | 686 | 698 | rVV | 1011160 | 1700598 | 6.99% | 1.231% |
| 19 | 7.028 | 698 | 704 | 714 | rVV2 | 1418692 | 2255459 | 9.26% | 1.633% |
| 20 | 7.381 | 759 | 764 | 770 | rVV2 | 1080011 | 1713184 | 7.04% | 1.241% |
| 21 | 7.464 | 770 | 778 | 793 | rVV | 1258974 | 2201058 | 9.04% | 1.594% |
| 22 | 7.628 | 801 | 806 | 821 | rVB | 502493 | 1083947 | 4.45% | 0.785% |
| 23 | 7.816 | 832 | 838 | 843 | rVV | 261527 | 422710 | 1.74% | 0.306% |
| 24 | 7.869 | 843 | 847 | 852 | rVV3 | 127177 | 219342 | 0.90% | 0.159% |
| 25 | 7.922 | 852 | 856 | 861 | rVB2 | 274704 | 443716 | 1.82% | 0.321% |
| 26 | 7.981 | 861 | 866 | 869 | rBV2 | 210913 | 316731 | 1.30% | 0.229% |
| 27 | 8.022 | 869 | 873 | 875 | rVV2 | 220265 | 355957 | 1.46% | 0.258% |
| 28 | 8.052 | 875 | 878 | 881 | rVV | 272821 | 392576 | 1.61% | 0.284% |
| 29 | 8.099 | 881 | 886 | 892 | rVV | 1179089 | 1905073 | 7.83% | 1.379% |
| 30 | 8.152 | 892 | 895 | 898 | rVV | 239741 | 366134 | 1.50% | 0.265% |
| 31 | 8.181 | 898 | 900 | 907 | rVB3 | 161555 | 278917 | 1.15% | 0.202% |
| 32 | 8.381 | 929 | 934 | 940 | rVB | 124305 | 195793 | 0.80% | 0.142% |
| 33 | 8.475 | 941 | 950 | 954 | rBV2 | 153083 | 338236 | 1.39% | 0.245% |
| 34 | 8.528 | 954 | 959 | 964 | rVV | 892897 | 1468898 | 6.03% | 1.064% |
| 35 | 8.611 | 968 | 973 | 981 | rVB | 1012647 | 1478718 | 6.07% | 1.071% |
| 36 | 8.693 | 981 | 987 | 989 | rBV3 | 129905 | 221931 | 0.91% | 0.161% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DDC40

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.722 | 989 | 992 | 999 | rVB5 | 129072 | 261310 | 1.07% | 0.189% |
| 38 | 8.869 | 1010 | 1017 | 1024 | rVB5 | 61797 | 193452 | 0.79% | 0.140% |
| 39 | 8.958 | 1025 | 1032 | 1037 | rBV2 | 184692 | 308608 | 1.27% | 0.223% |
| 40 | 9.099 | 1052 | 1056 | 1062 | rVB2 | 103884 | 213051 | 0.88% | 0.154% |
| 41 | 9.240 | 1074 | 1080 | 1087 | rBV | 879940 | 1549753 | 6.37% | 1.122% |
| 42 | 9.322 | 1088 | 1094 | 1098 | rVB2 | 118651 | 255727 | 1.05% | 0.185% |
| 43 | 9.463 | 1114 | 1118 | 1123 | rVB4 | 128208 | 228906 | 0.94% | 0.166% |
| 44 | 9.675 | 1149 | 1154 | 1163 | rBV | 482414 | 819889 | 3.37% | 0.594% |
| 45 | 9.775 | 1163 | 1171 | 1179 | rVB | 1245849 | 2068946 | 8.50% | 1.498% |
| 46 | 10.046 | 1208 | 1217 | 1224 | rBV | 483185 | 860472 | 3.53% | 0.623% |
| 47 | 10.140 | 1224 | 1233 | 1240 | rBV | 1618583 | 2970770 | 12.20% | 2.151% |
| 48 | 10.287 | 1251 | 1258 | 1264 | rBV | 1022437 | 1798648 | 7.39% | 1.302% |
| 49 | 10.375 | 1269 | 1273 | 1278 | rVV | 174317 | 288447 | 1.18% | 0.209% |
| 50 | 10.463 | 1284 | 1288 | 1294 | rVB2 | 121672 | 205518 | 0.84% | 0.149% |
| 51 | 10.669 | 1319 | 1323 | 1328 | rBV | 137965 | 196460 | 0.81% | 0.142% |
| 52 | 11.193 | 1406 | 1412 | 1417 | rBV | 205941 | 377640 | 1.55% | 0.273% |
| 53 | 11.252 | 1417 | 1422 | 1429 | rVV | 191382 | 333897 | 1.37% | 0.242% |
| 54 | 11.599 | 1472 | 1481 | 1490 | rBV | 290749 | 520904 | 2.14% | 0.377% |
| 55 | 11.816 | 1512 | 1518 | 1523 | rVB | 165950 | 284731 | 1.17% | 0.206% |
| 56 | 12.022 | 1545 | 1553 | 1562 | rVB3 | 166498 | 443479 | 1.82% | 0.321% |
| 57 | 12.581 | 1644 | 1648 | 1657 | rVB3 | 104783 | 233592 | 0.96% | 0.169% |
| 58 | 12.881 | 1692 | 1699 | 1705 | rBV | 351115 | 527113 | 2.17% | 0.382% |
| 59 | 13.352 | 1774 | 1779 | 1784 | rVV | 195101 | 328942 | 1.35% | 0.238% |
| 60 | 13.404 | 1784 | 1788 | 1792 | rVV3 | 194369 | 325441 | 1.34% | 0.236% |
| 61 | 13.463 | 1793 | 1798 | 1804 | rVB | 2060680 | 2807291 | 11.53% | 2.033% |
| 62 | 13.722 | 1836 | 1842 | 1848 | rBV | 2342905 | 3517254 | 14.45% | 2.547% |
| 63 | 13.975 | 1879 | 1885 | 1889 | rBV | 1310990 | 1700840 | 6.99% | 1.232% |
| 64 | 14.040 | 1889 | 1896 | 1901 | rVB | 1808114 | 2693944 | 11.07% | 1.951% |
| 65 | 14.151 | 1910 | 1915 | 1919 | rBV | 541077 | 670036 | 2.75% | 0.485% |
| 66 | 14.199 | 1919 | 1923 | 1927 | rVB2 | 212133 | 287643 | 1.18% | 0.208% |
| 67 | 14.275 | 1927 | 1936 | 1945 | rBV2 | 839749 | 1610681 | 6.62% | 1.166% |
| 68 | 14.387 | 1949 | 1955 | 1959 | rBV2 | 258179 | 479137 | 1.97% | 0.347% |
| 69 | 14.598 | 1986 | 1991 | 1995 | rBV | 276198 | 369890 | 1.52% | 0.268% |
| 70 | 14.681 | 1999 | 2005 | 2010 | rBV | 6448454 | 8956757 | 36.79% | 6.486% |
| 71 | 14.816 | 2023 | 2028 | 2031 | rBV | 289981 | 434324 | 1.78% | 0.315% |
| 72 | 14.934 | 2041 | 2048 | 2053 | rVB | 548219 | 747651 | 3.07% | 0.541% |
| 73 | 15.040 | 2061 | 2066 | 2080 | rVB | 3184195 | 4545366 | 18.67% | 3.291% |
| 74 | 15.175 | 2080 | 2089 | 2094 | rBV2 | 1000648 | 1569497 | 6.45% | 1.137% |
| 75 | 15.346 | 2110 | 2118 | 2122 | rBV2 | 189211 | 428188 | 1.76% | 0.310% |
| 76 | 15.422 | 2126 | 2131 | 2139 | rVB | 675438 | 989754 | 4.07% | 0.717% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.804 | 2190 | 2196 | 2198 | rBV | 516850 | 732376 | 3.01% | 0.530% |
| 78 | 15.887 | 2205 | 2210 | 2215 | rVB | 1032426 | 1359049 | 5.58% | 0.984% |
| 79 | 16.463 | 2300 | 2308 | 2315 | rBV | 14761011 | 24345785 | 100.00% | 17.629% |
| 80 | 16.598 | 2327 | 2331 | 2336 | rVV2 | 415479 | 590441 | 2.43% | 0.428% |
| 81 | 16.645 | 2336 | 2339 | 2350 | rVB | 204188 | 365004 | 1.50% | 0.264% |
| 82 | 16.798 | 2359 | 2365 | 2370 | rBV | 2351689 | 3222585 | 13.24% | 2.334% |
| 83 | 16.898 | 2375 | 2382 | 2390 | rVV | 3388130 | 4903875 | 20.14% | 3.551% |
| 84 | 17.334 | 2452 | 2456 | 2460 | rVV | 428564 | 530135 | 2.18% | 0.384% |
| 85 | 17.428 | 2468 | 2472 | 2482 | rVB2 | 240513 | 318359 | 1.31% | 0.231% |
| 86 | 17.734 | 2519 | 2524 | 2538 | rVB | 1799860 | 2588898 | 10.63% | 1.875% |
| 87 | 18.028 | 2570 | 2574 | 2579 | rVB | 361065 | 425998 | 1.75% | 0.308% |
| 88 | 18.675 | 2680 | 2684 | 2691 | rVB | 304341 | 388293 | 1.59% | 0.281% |
| 89 | 19.028 | 2740 | 2744 | 2756 | rBV | 466821 | 736383 | 3.02% | 0.533% |
| 90 | 19.204 | 2768 | 2774 | 2780 | rVV | 4334953 | 5653666 | 23.22% | 4.094% |
| 91 | 19.263 | 2780 | 2784 | 2789 | rVB | 208585 | 252213 | 1.04% | 0.183% |
| 92 | 19.804 | 2872 | 2876 | 2882 | rVB | 212568 | 244914 | 1.01% | 0.177% |
| 93 | 20.304 | 2957 | 2961 | 2970 | rVB | 187933 | 199503 | 0.82% | 0.144% |
| 94 | 20.769 | 3035 | 3040 | 3054 | rVB3 | 1227149 | 1867671 | 7.67% | 1.352% |
| 95 | 21.028 | 3079 | 3084 | 3092 | rBV | 2768718 | 3705217 | 15.22% | 2.683% |
| 96 | 21.251 | 3118 | 3122 | 3132 | rVB | 220029 | 286908 | 1.18% | 0.208% |
| 97 | 21.663 | 3188 | 3192 | 3197 | rVB | 273781 | 366678 | 1.51% | 0.266% |
| 98 | 21.775 | 3207 | 3211 | 3218 | rVB2 | 281189 | 474411 | 1.95% | 0.344% |
| 99 | 23.557 | 3506 | 3514 | 3526 | rVB | 2861577 | 6455753 | 26.52% | 4.675% |
| 100 | 23.739 | 3537 | 3545 | 3553 | rBV | 1926845 | 4353718 | 17.88% | 3.153% |

Sum of corrected areas: 138099006

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
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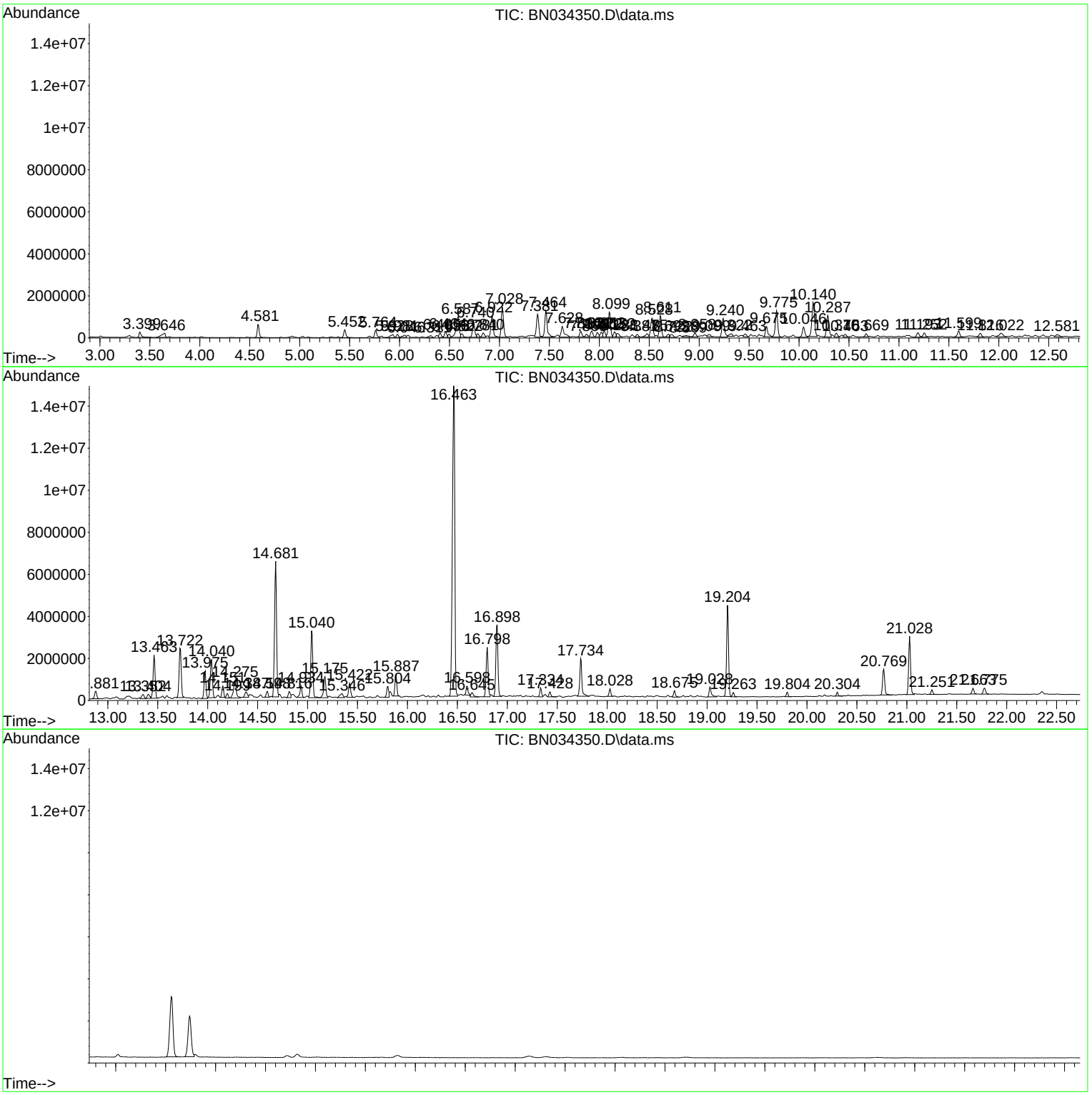
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

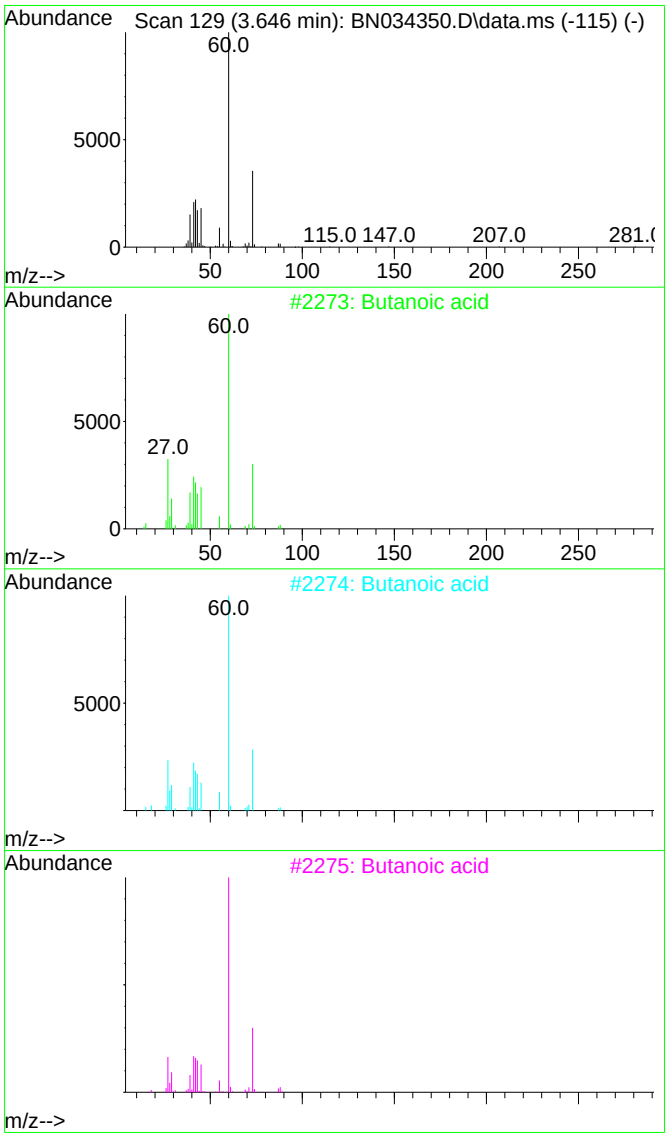
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

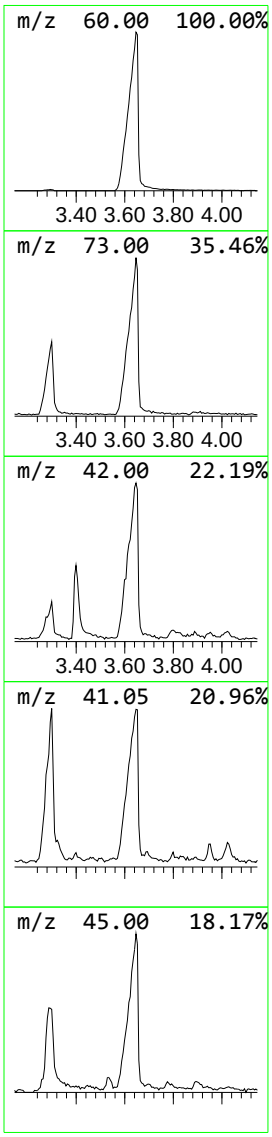
**********

Peak Number 1 Butanoic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.646 | 6.18 ng/ul | 529199 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 91 |
| 2 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 91 |
| 3 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 86 |
| 4 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 72 |
| 5 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

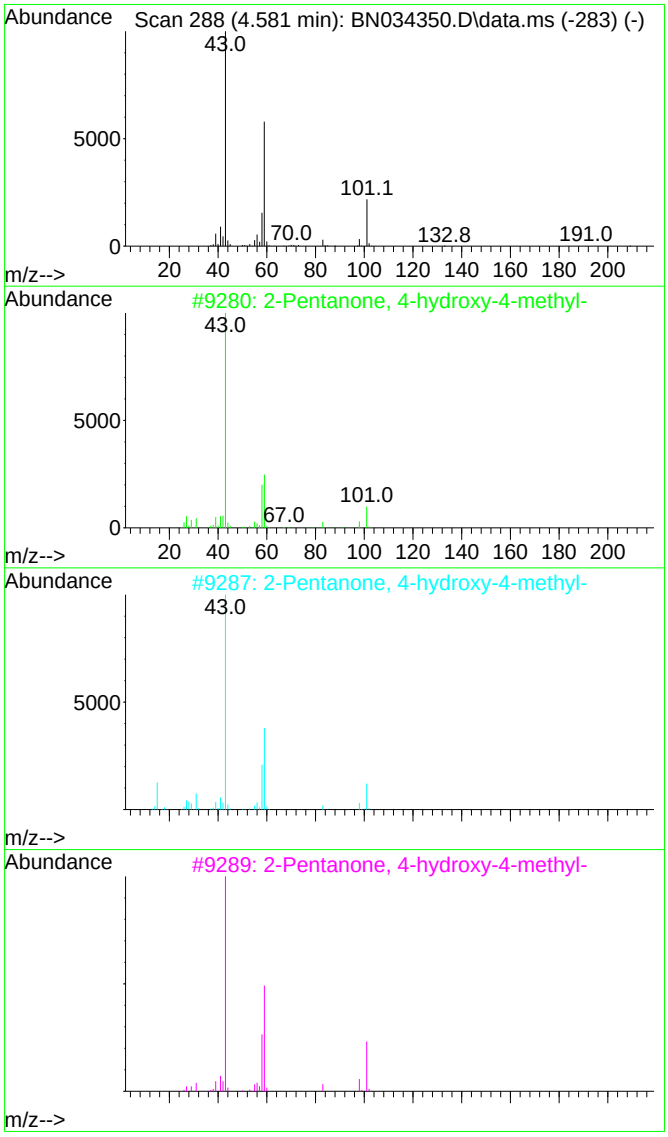
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

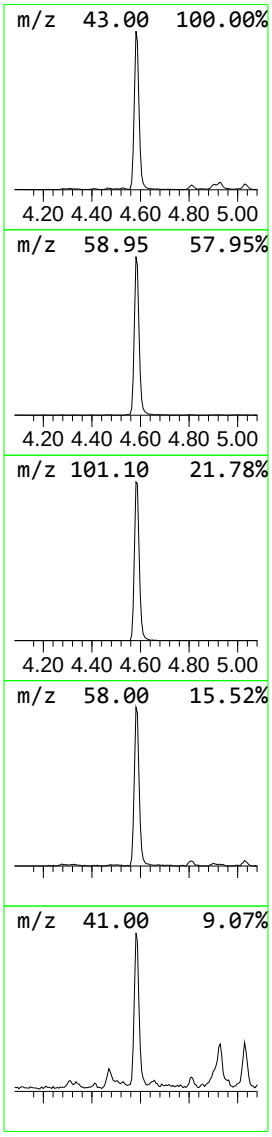
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.581 | 9.94 ng/ul | 851274 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 3 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 4 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 40 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

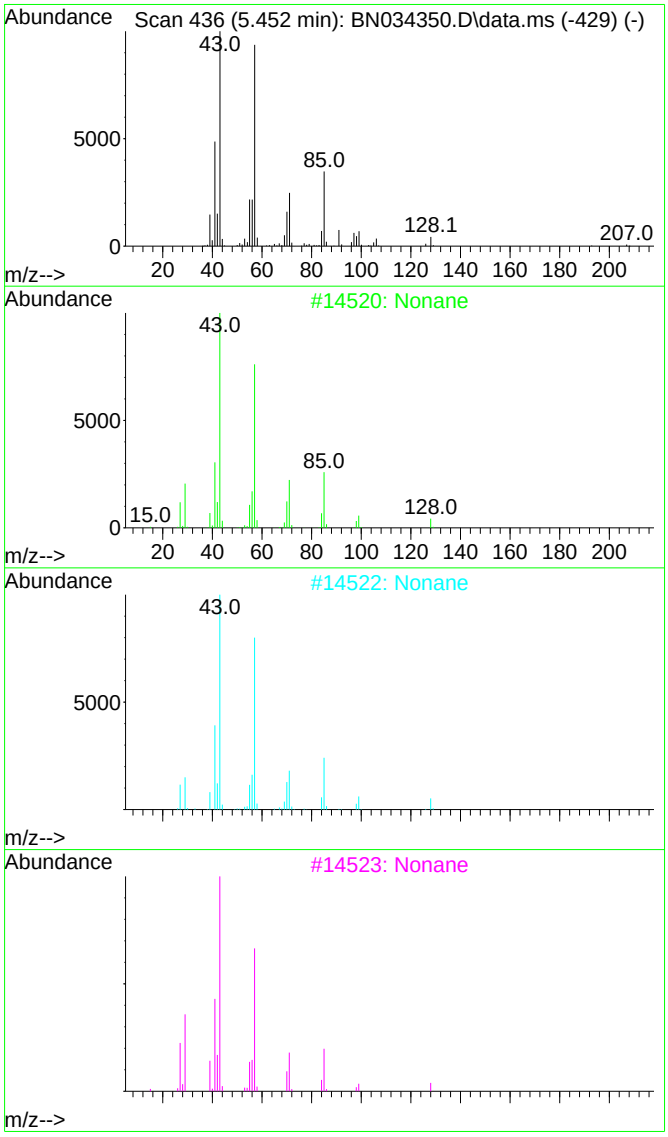
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

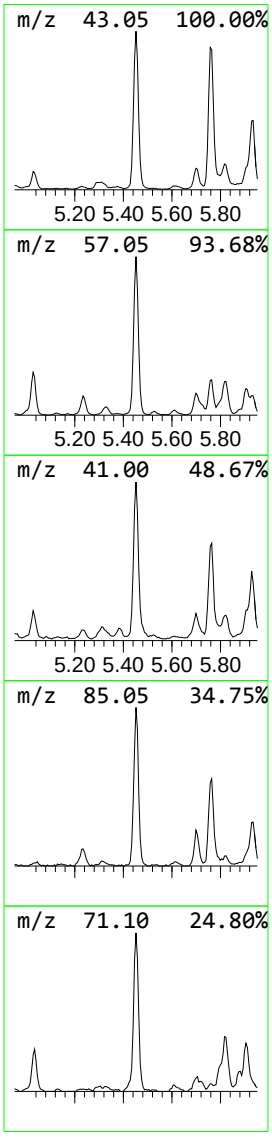
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.452 | 7.07 ng/ul | 605652 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 95 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 3 | Nonane | 128 | C9H20 | 000111-84-2 | 80 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 80 |
| 5 | Decane | 142 | C10H22 | 000124-18-5 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

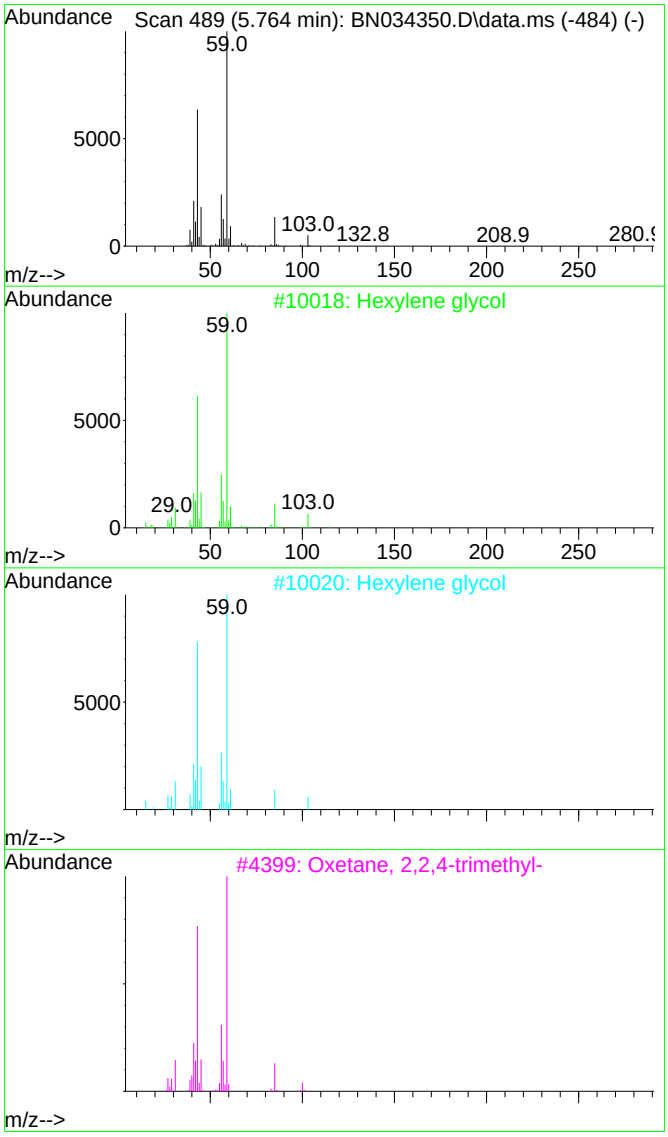
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

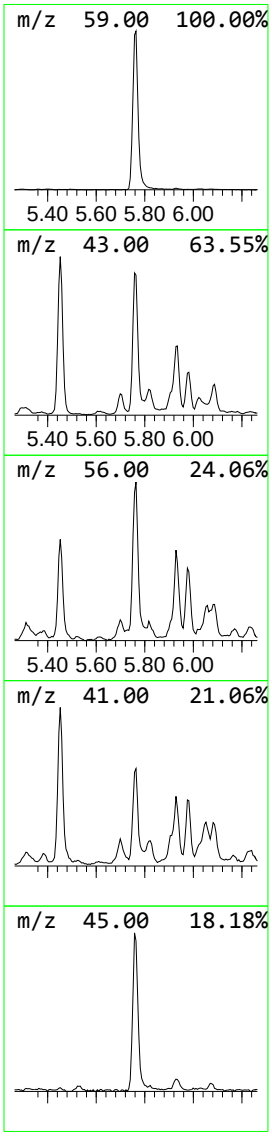
**********

Peak Number 4 Hexylene glycol Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.764 | 6.53 ng/ul | 559213 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexylene glycol | 118 | C6H14O2 | 000107-41-5 | 90 |
| 2 | Hexylene glycol | 118 | C6H14O2 | 000107-41-5 | 90 |
| 3 | Oxetane, 2,2,4-trimethyl- | 100 | C6H12O | 023120-44-7 | 78 |
| 4 | (R)-(-)-2-Methyl-2,4-pentanediol | 118 | C6H14O2 | 099210-90-9 | 59 |
| 5 | Propanenitrile, 3-ethoxy- | 99 | C5H9NO | 002141-62-0 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

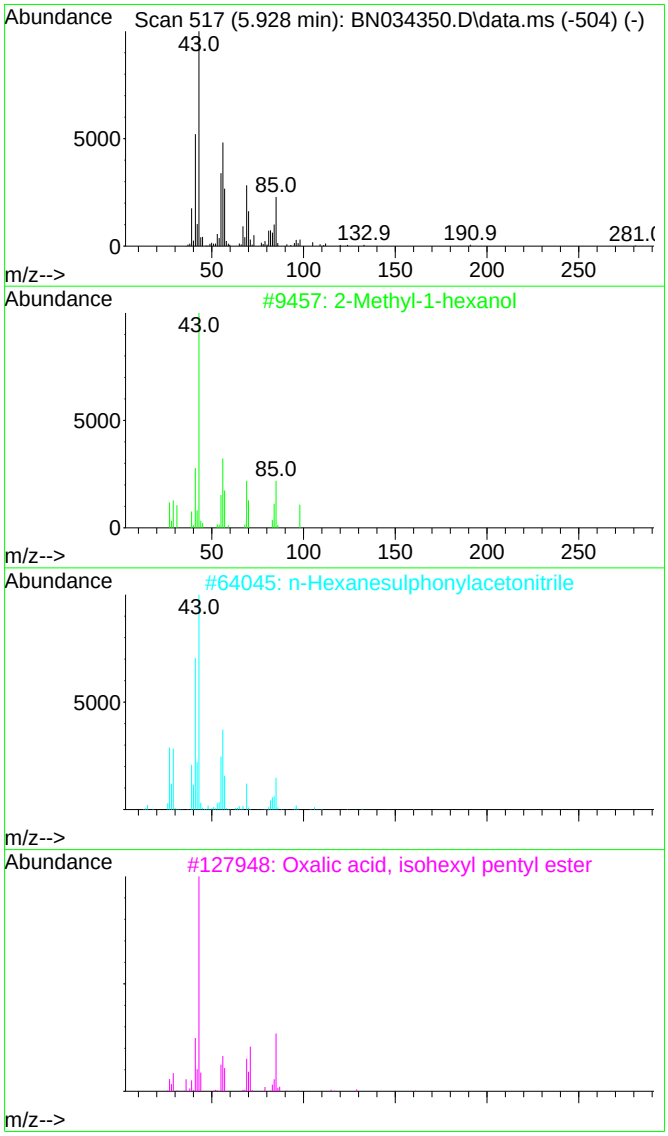
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

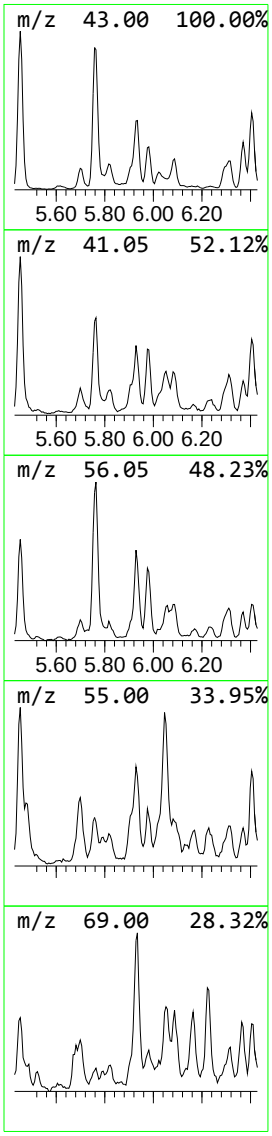
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 2-Methyl-1-hexanol Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.928 | 3.84 ng/ul | 329332 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyl-1-hexanol | 116 | C7H16O | 1000427-67-0 | 80 |
| 2 | n-Hexanesulphonylacetonitrile | 189 | C8H15NO2S | 203310-42-3 | 47 |
| 3 | Oxalic acid, isohexyl pentyl ester | 244 | C13H24O4 | 1000309-32-8 | 47 |
| 4 | Hexane, 1-propoxy- | 144 | C9H20O | 053685-78-2 | 47 |
| 5 | 4-Undecene, 7-methyl- | 168 | C12H24 | 076441-79-7 | 38 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

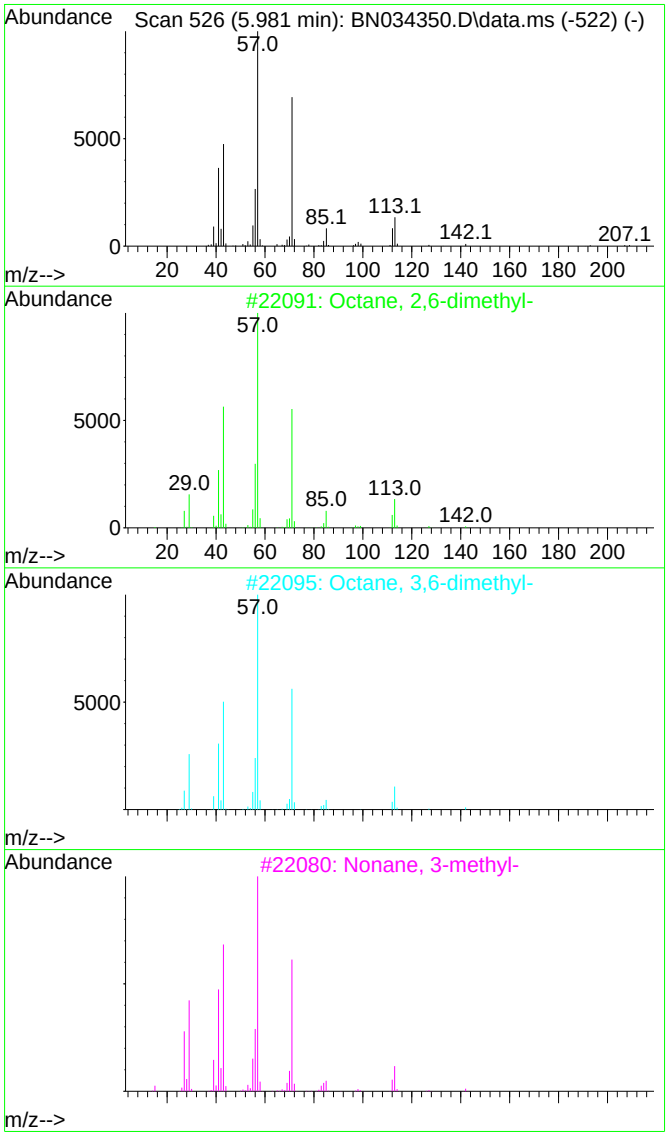
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

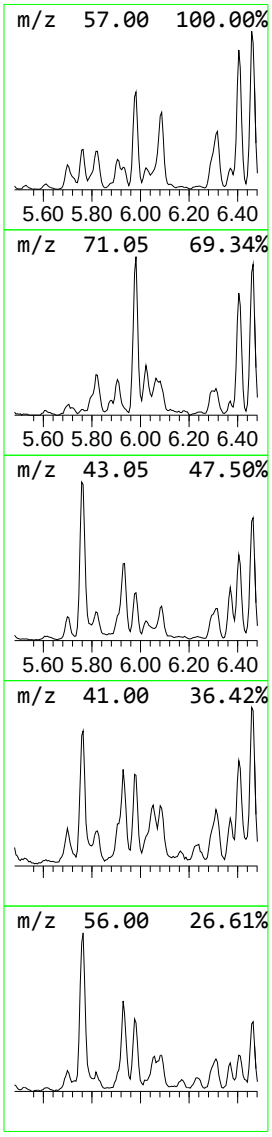
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.981 | 2.45 ng/ul | 209816 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 94 |
| 2 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 90 |
| 3 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 86 |
| 4 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 86 |
| 5 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 83 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

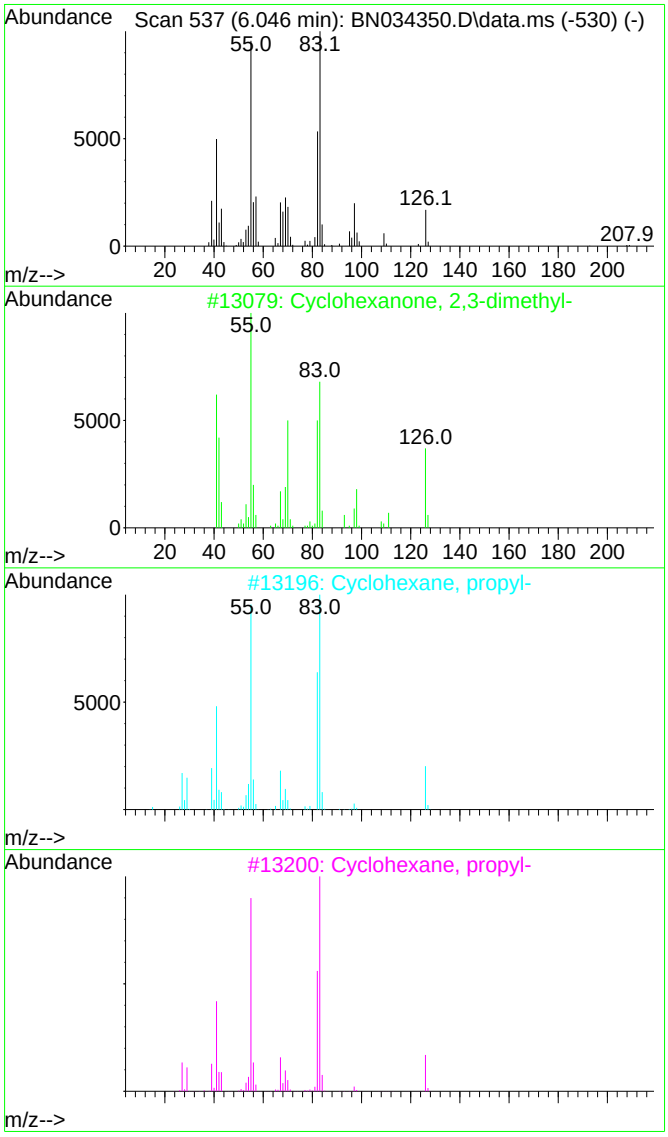
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

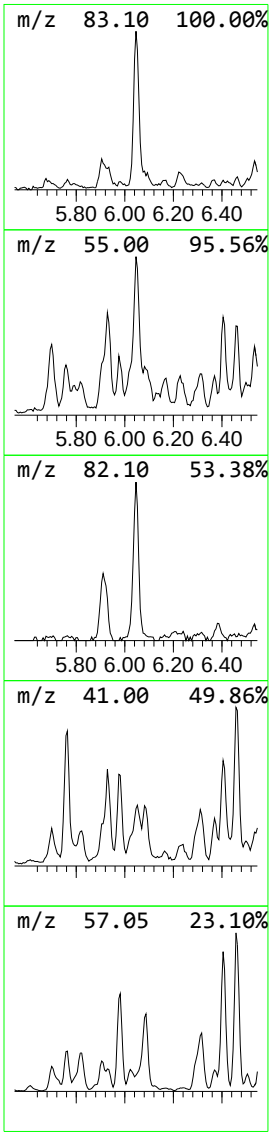
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Cyclohexanone, 2,3-dimethyl- Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.046 | 2.99 ng/ul | 256108 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2,3-dimethyl- | 126 | C8H14O | 013395-76-1 | 90 |
| 2 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 81 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 74 |
| 4 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 74 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

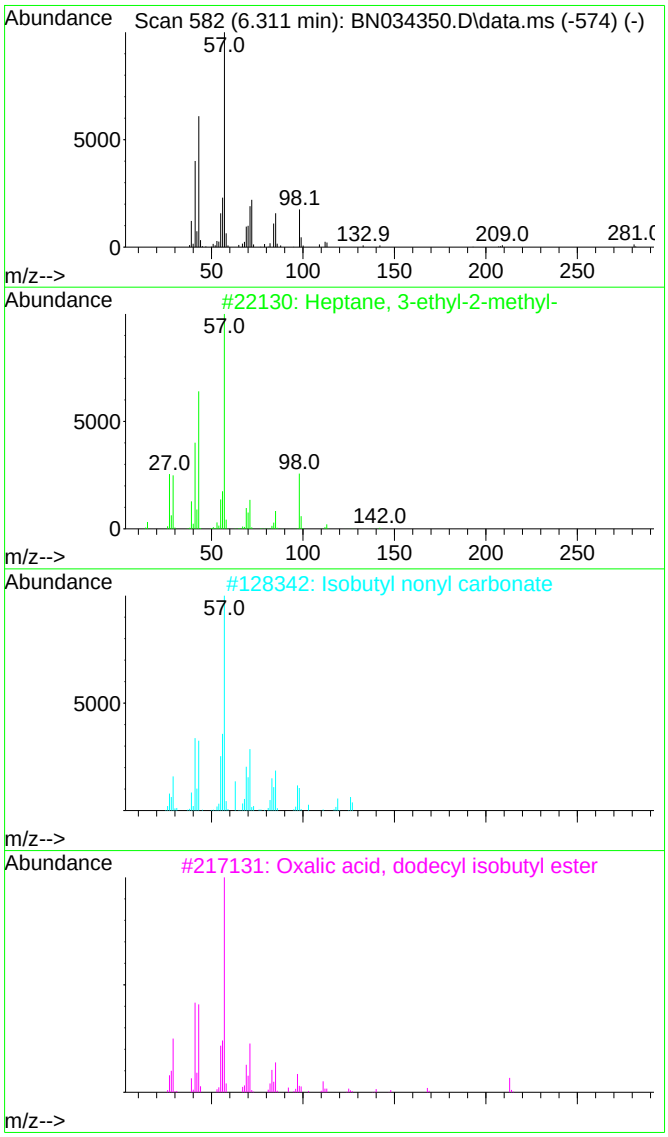
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

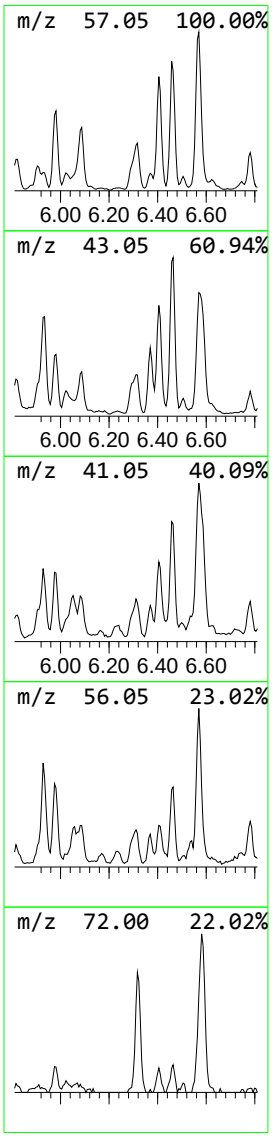
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.311 | 2.28 ng/ul | 195510 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 50 |
| 2 | Isobutyl nonyl carbonate | 244 | C14H28O3 | 959311-27-4 | 50 |
| 3 | Oxalic acid, dodecyl isobutyl ester | 314 | C18H34O4 | 1000309-37-7 | 47 |
| 4 | Decane, 2,5,6-trimethyl- | 184 | C13H28 | 062108-23-0 | 47 |
| 5 | Nonane | 128 | C9H20 | 000111-84-2 | 43 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

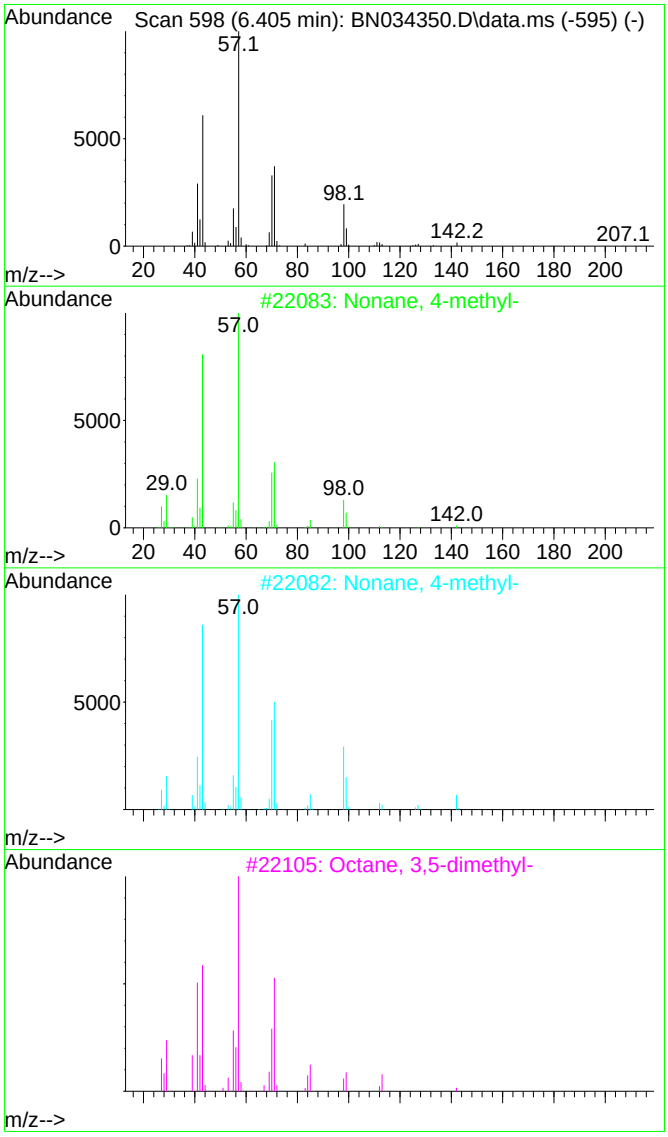
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

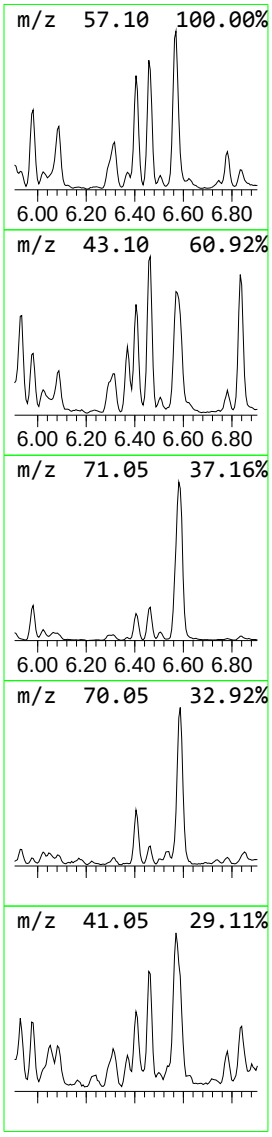
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.405 | 3.70 ng/ul | 316551 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 91 |
| 2 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 78 |
| 3 | Octane, 3,5-dimethyl- | 142 | C10H22 | 015869-93-9 | 72 |
| 4 | Undecane, 4,5-dimethyl- | 184 | C13H28 | 017312-79-7 | 53 |
| 5 | Heptane, 2,3,4-trimethyl- | 142 | C10H22 | 052896-95-4 | 53 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

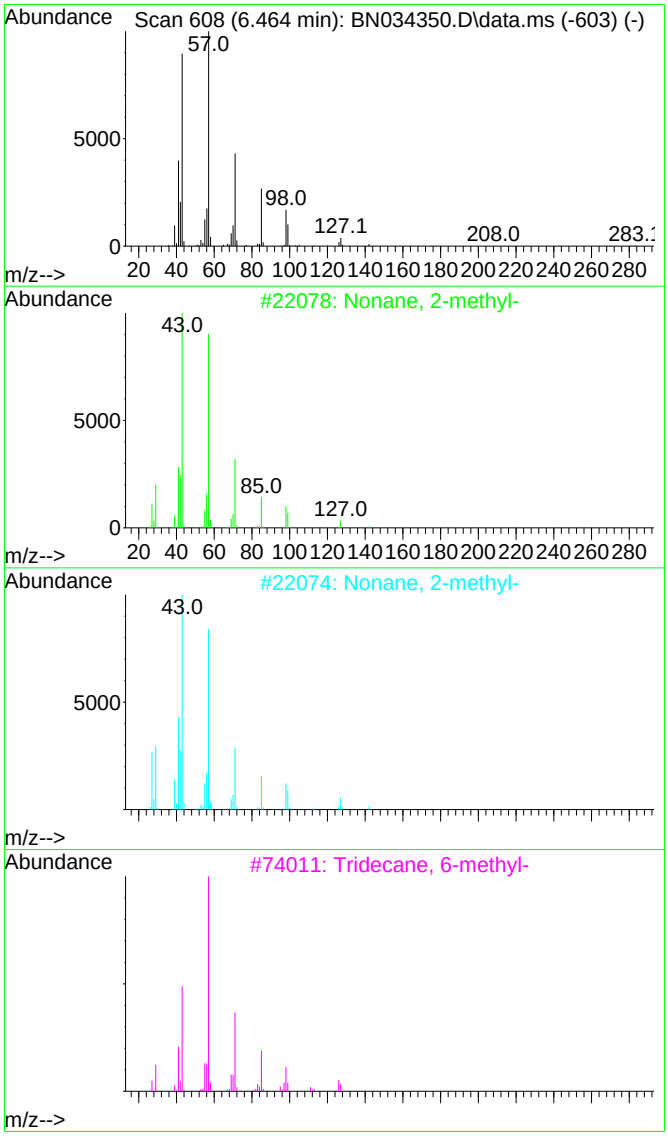
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

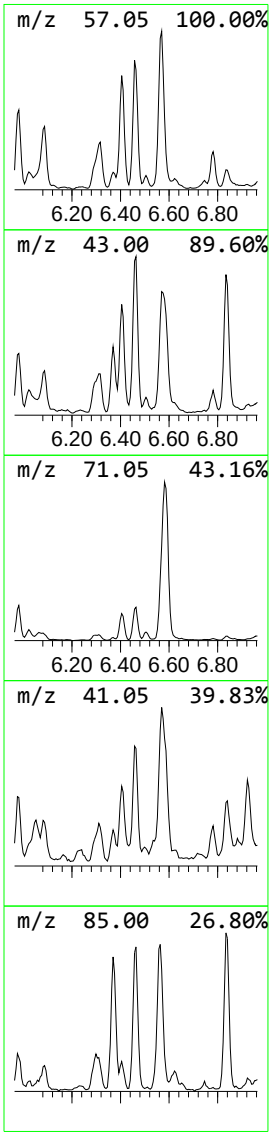
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.464 | 4.76 ng/ul | 407560 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 2-methyl- | 142 | C10H22 | 000871-83-0 | 91 |
| 2 | Nonane, 2-methyl- | 142 | C10H22 | 000871-83-0 | 68 |
| 3 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 59 |
| 4 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 58 |
| 5 | Dodecane, 5-methyl- | 184 | C13H28 | 017453-93-9 | 50 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

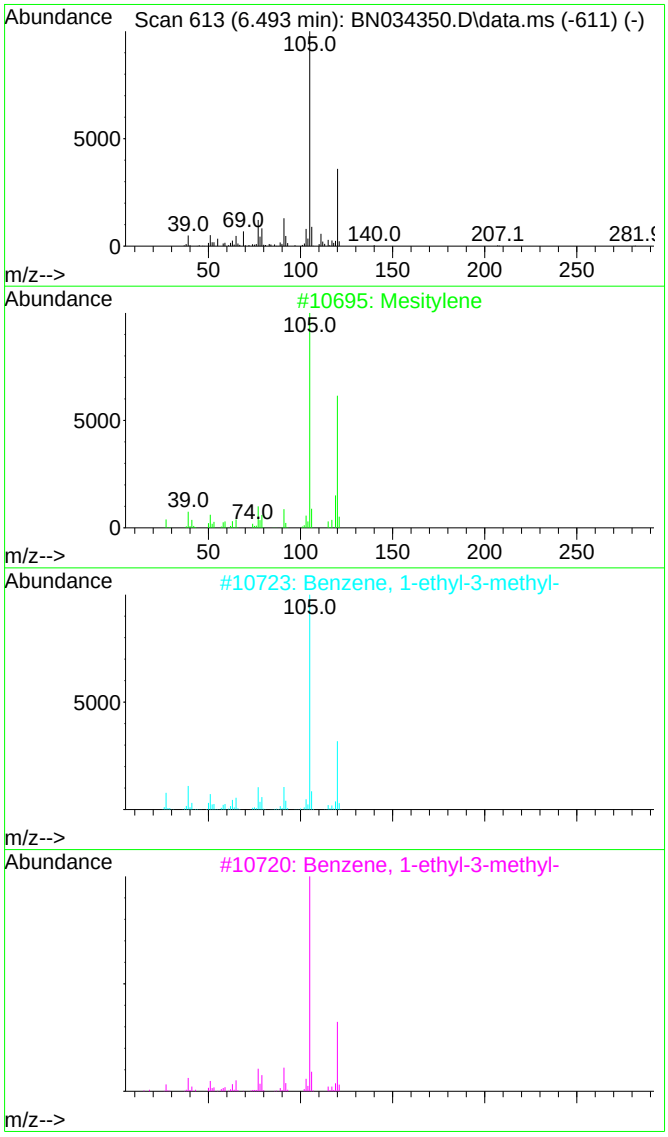
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

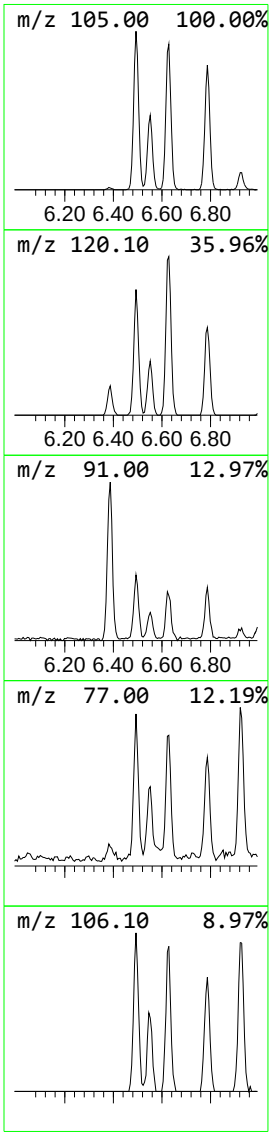
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Mesitylene Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.493 | 2.42 ng/ul | 207317 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 90 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 90 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

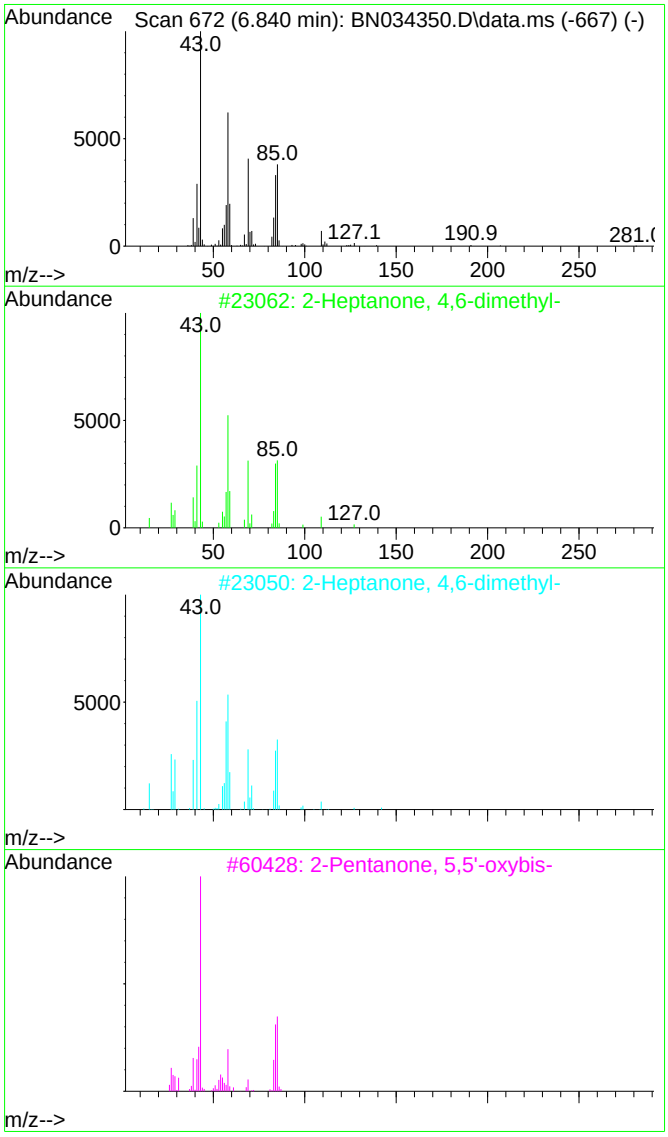
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

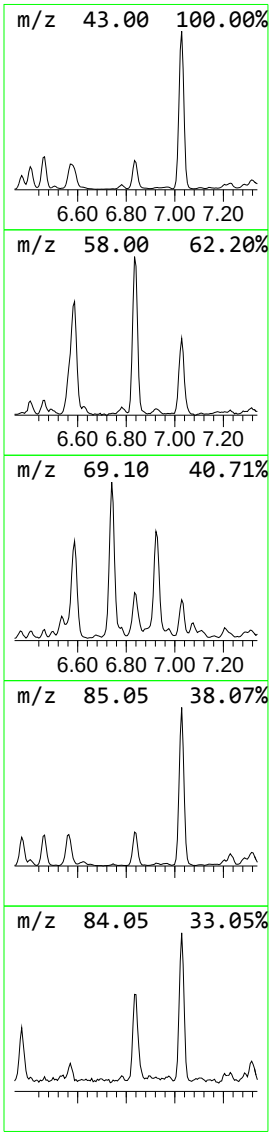
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 2-Heptanone, 4,6-dimethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.840 | 4.09 ng/ul | 350047 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Heptanone, 4,6-dimethyl- | 142 | C9H18O | 019549-80-5 | 90 |
| 2 | 2-Heptanone, 4,6-dimethyl- | 142 | C9H18O | 019549-80-5 | 72 |
| 3 | 2-Pentanone, 5,5'-oxybis- | 186 | C10H18O3 | 093677-66-8 | 53 |
| 4 | 2-Nonanone, 9-[(tetrahydro-2H-py... | 242 | C14H26O3 | 054699-41-1 | 50 |
| 5 | Pentane, 3-ethyl-2,4-dimethyl- | 128 | C9H20 | 001068-87-7 | 43 |



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Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

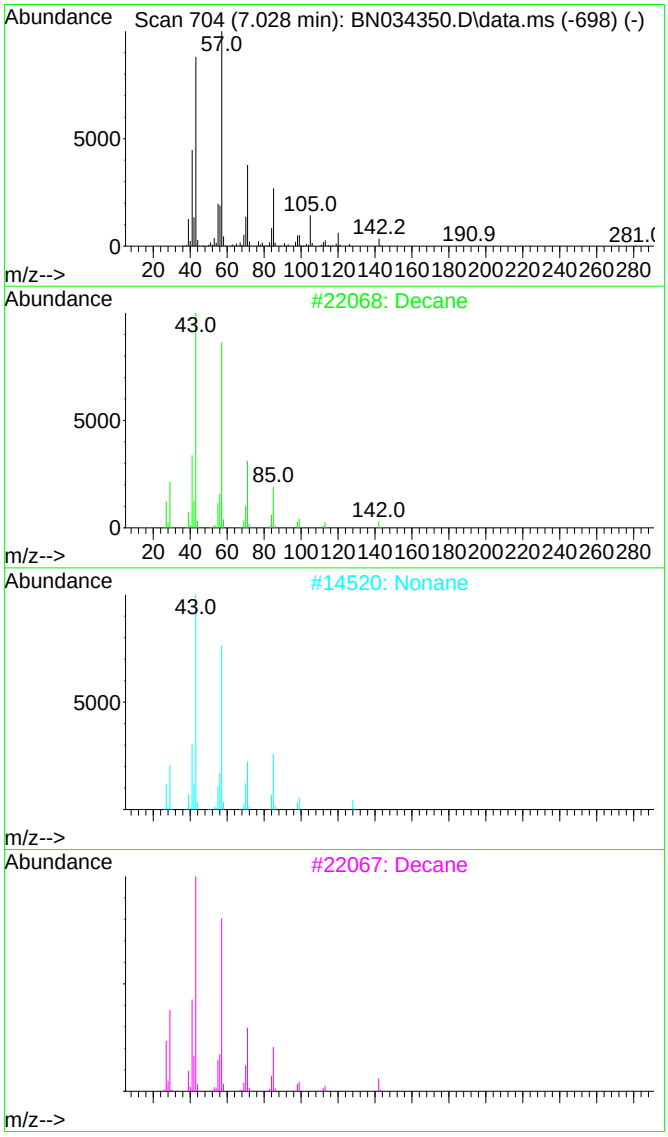
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

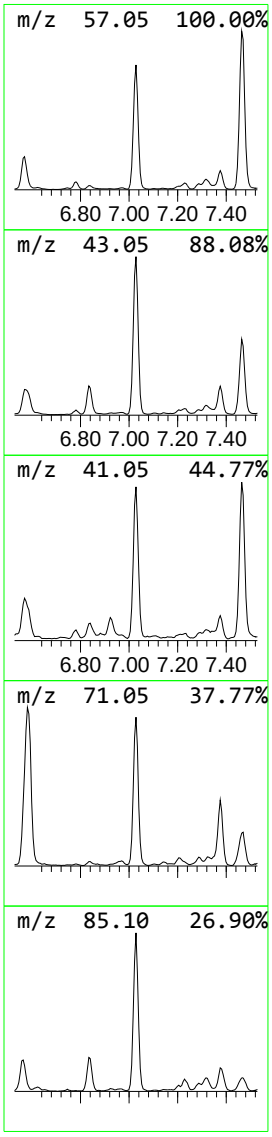
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.028 | 26.33 ng/ul | 2255460 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 91 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 72 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 64 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 59 |
| 5 | Decane | 142 | C10H22 | 000124-18-5 | 58 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

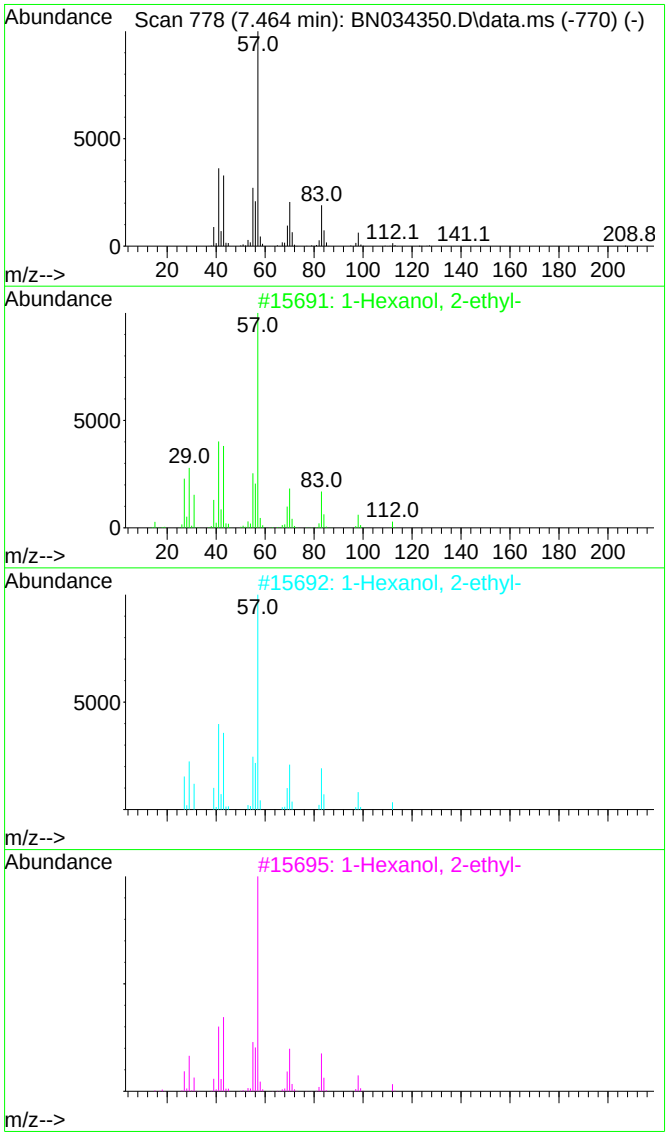
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

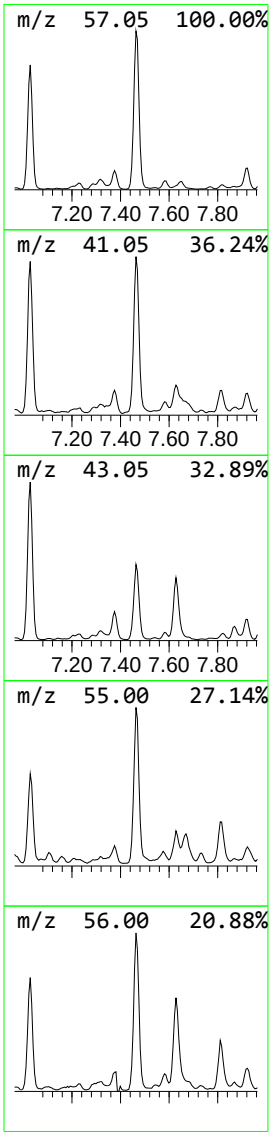
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.464 | 25.70 ng/ul | 2201060 | 1,4-Dichlorobenzene-d4 | 7.387 |

| 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 | 72 |
| 4 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 64 |
| 5 | 1-Decene, 2,4-dimethyl- | 168 | C12H24 | 055170-80-4 | 53 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

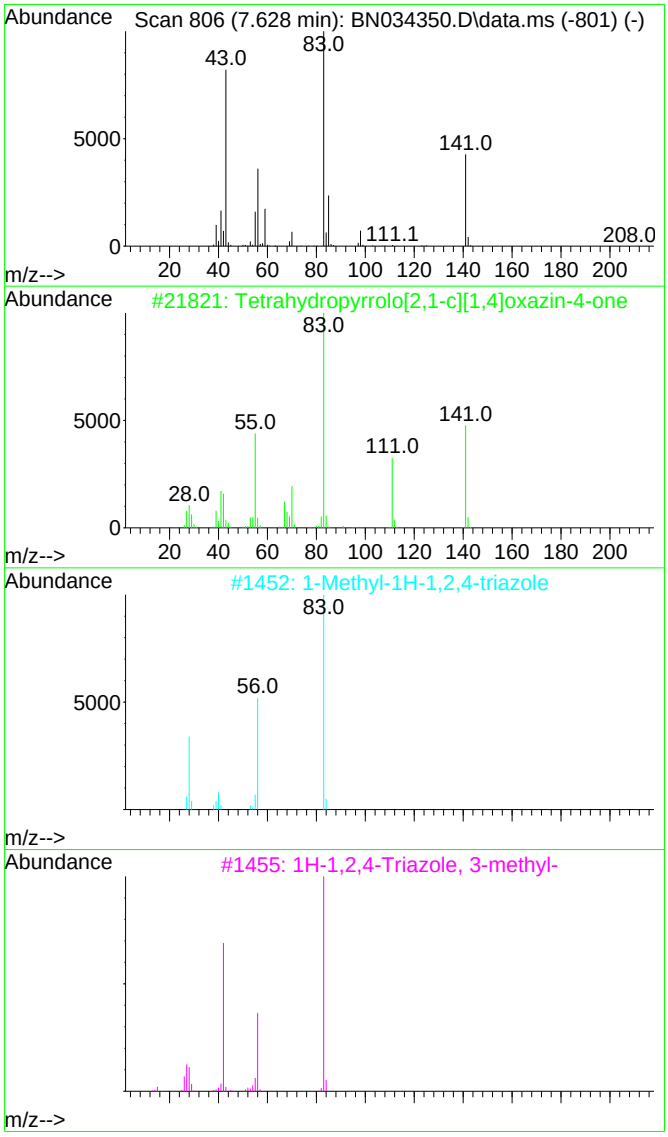
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

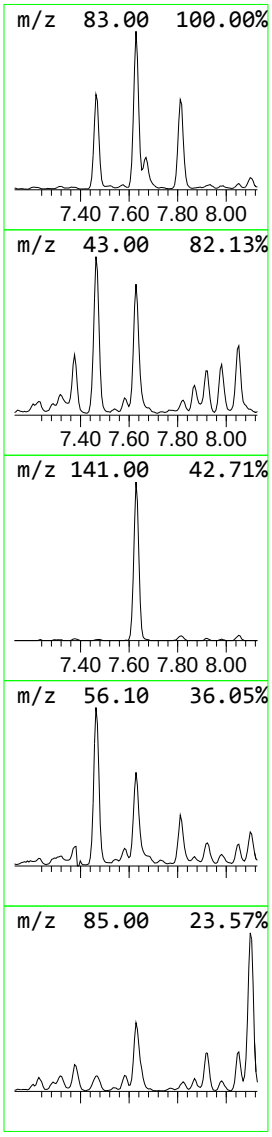
**********

Peak Number 15 unknown-01 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.628 | 12.65 ng/ul | 1083950 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrahydropyrrolo[2,1-c][1,4]oxa... | 141 | C7H11NO2 | 101250-37-7 | 38 |
| 2 | 1-Methyl-1H-1,2,4-triazole | 83 | C3H5N3 | 006086-21-1 | 32 |
| 3 | 1H-1,2,4-Triazole, 3-methyl- | 83 | C3H5N3 | 007170-01-6 | 32 |
| 4 | 1-Methyl-1H-1,2,4-triazole | 83 | C3H5N3 | 006086-21-1 | 23 |
| 5 | 1-Methyl-1H-1,2,4-triazole | 83 | C3H5N3 | 006086-21-1 | 9 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

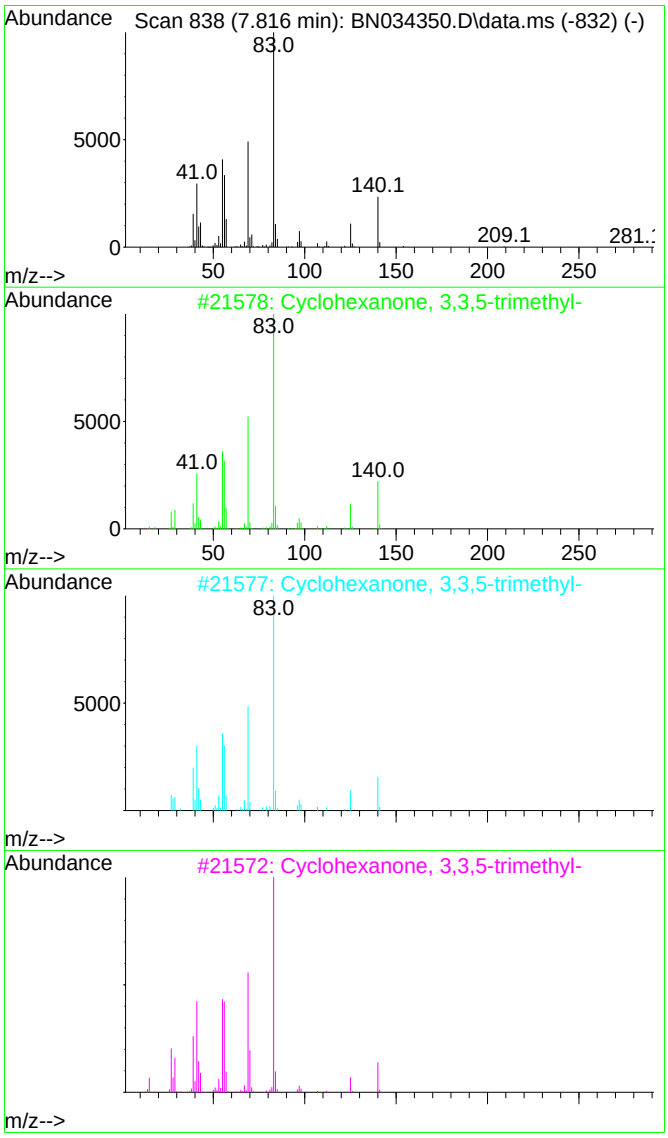
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

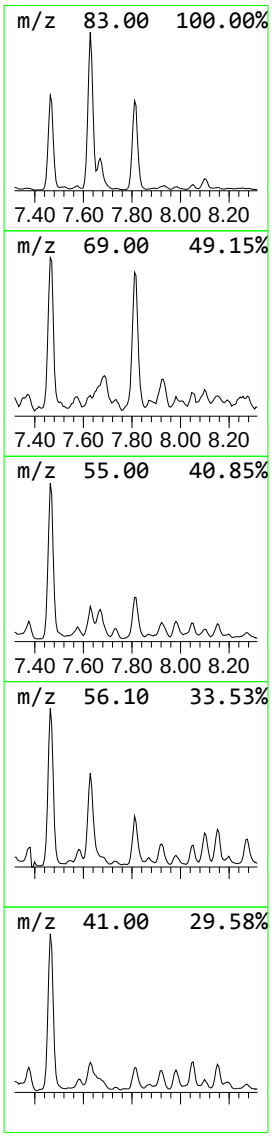
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Cyclohexanone, 3,3,5-trimet... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.816 | 4.93 ng/ul | 422710 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 95 |
| 2 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 93 |
| 3 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 91 |
| 4 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 91 |
| 5 | 1,1-Hexylenedioxybutane | 172 | C10H20O2 | 1000249-77-4 | 59 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

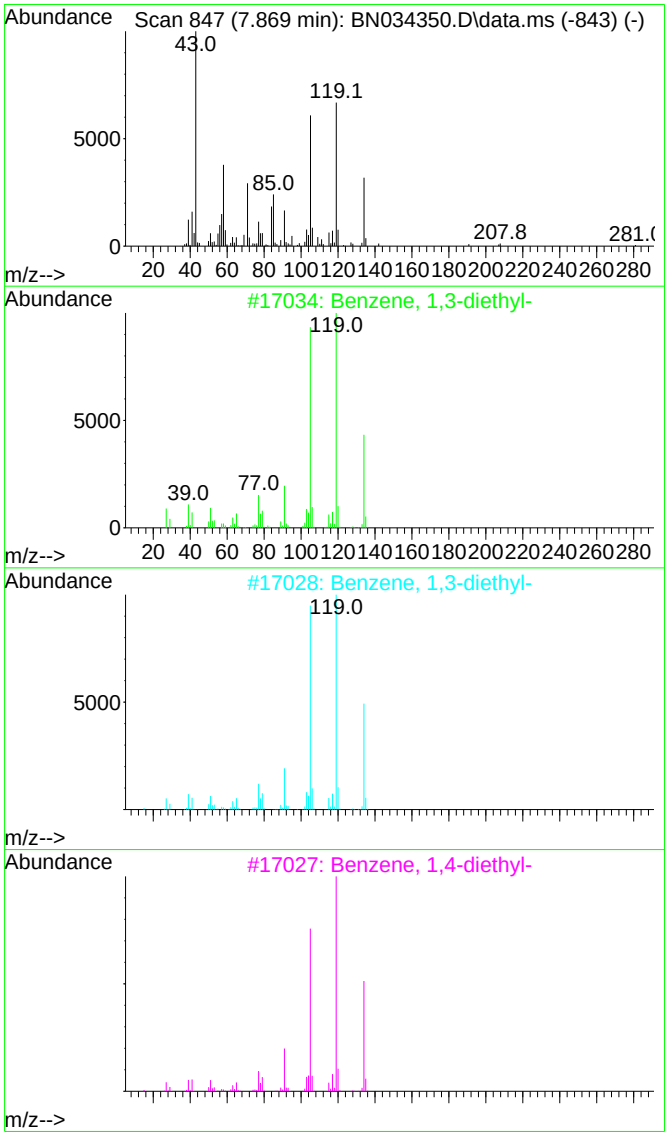
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

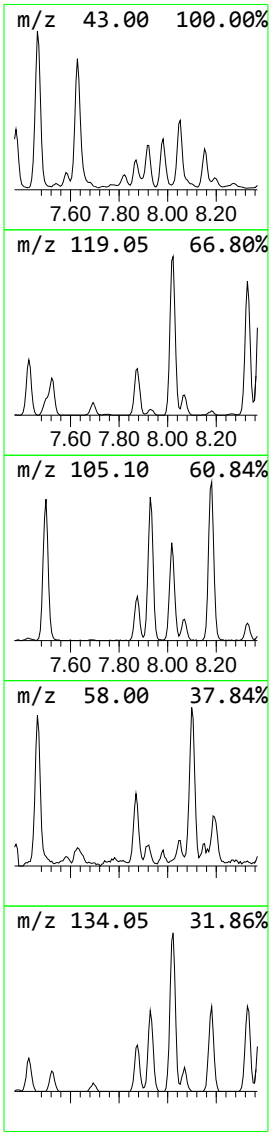
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.869 | 2.56 ng/ul | 219342 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 95 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 90 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 89 |
| 4 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 89 |
| 5 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 86 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

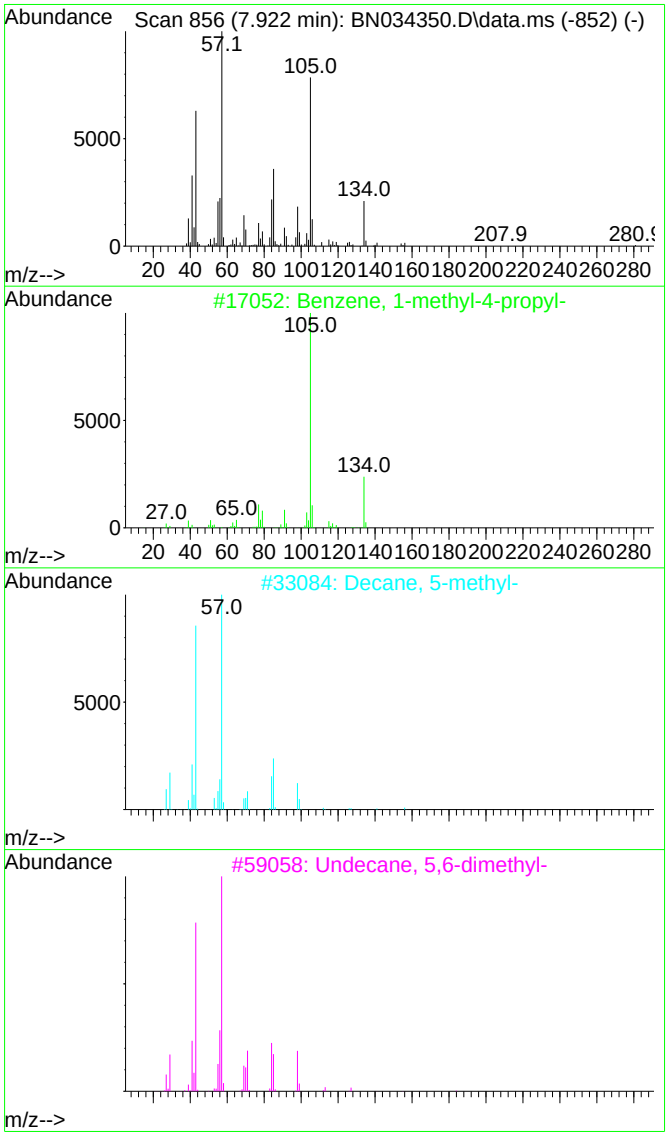
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

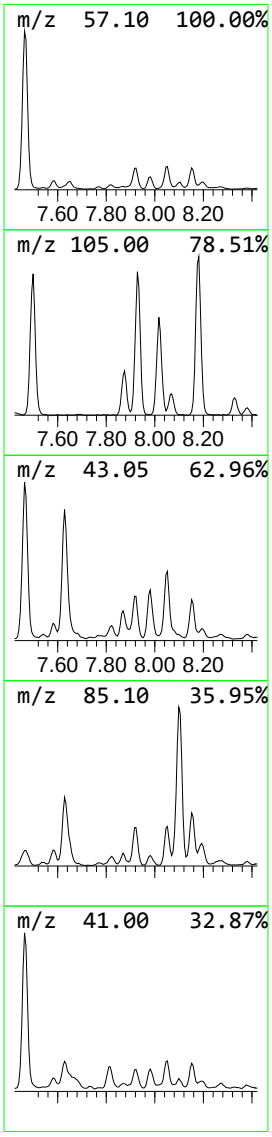
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.922 | 5.18 ng/ul | 443716 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 70 |
| 2 | Decane, 5-methyl- | 156 | C11H24 | 013151-35-4 | 43 |
| 3 | Undecane, 5,6-dimethyl- | 184 | C13H28 | 017615-91-7 | 43 |
| 4 | Heptane, 4-ethyl- | 128 | C9H20 | 002216-32-2 | 43 |
| 5 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 38 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

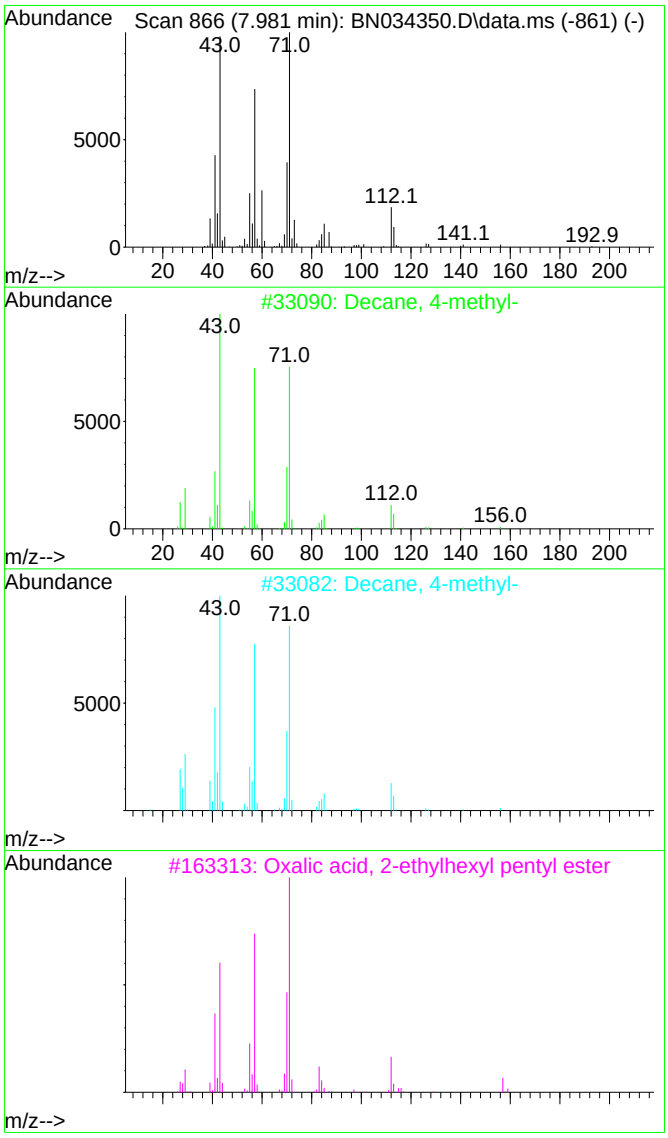
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

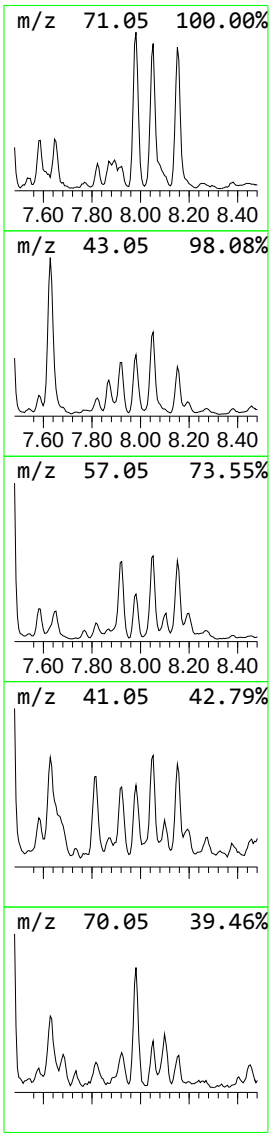
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.981 | 3.70 ng/ul | 316731 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 81 |
| 2 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 60 |
| 3 | Oxalic acid, 2-ethylhexyl pentyl... | 272 | C15H28O4 | 1000309-38-7 | 59 |
| 4 | Heptane, 3,3,5-trimethyl- | 142 | C10H22 | 007154-80-5 | 59 |
| 5 | 4-Methyl-3-heptanol, chlorodiflu... | 242 | C10H17ClF2O2 | 1000447-28-3 | 53 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

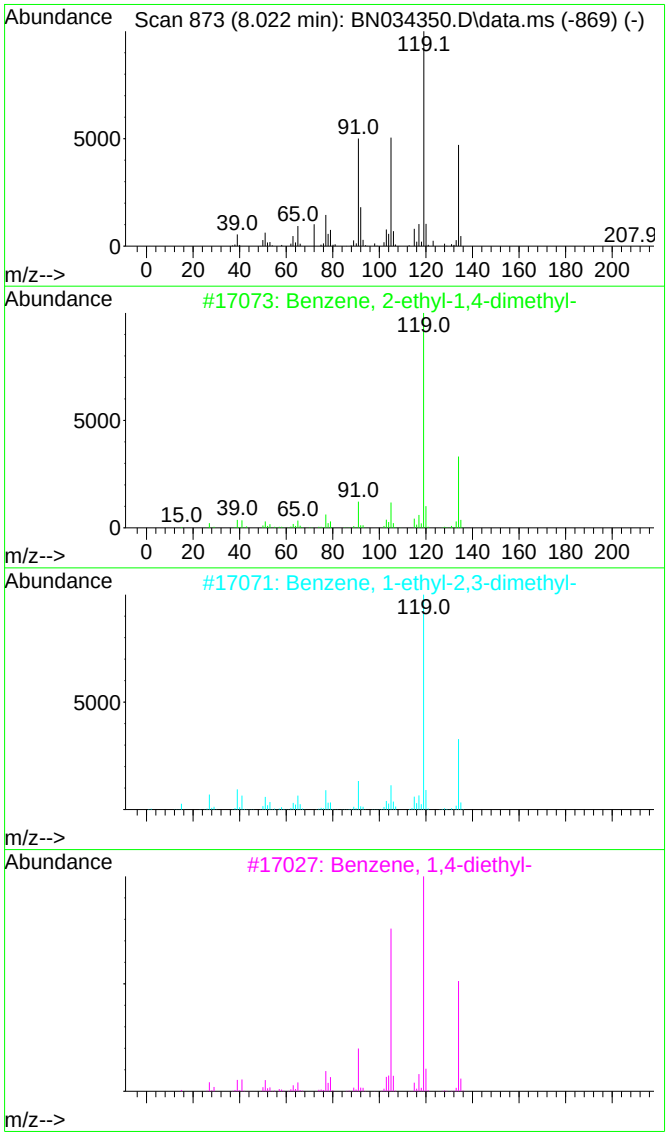
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

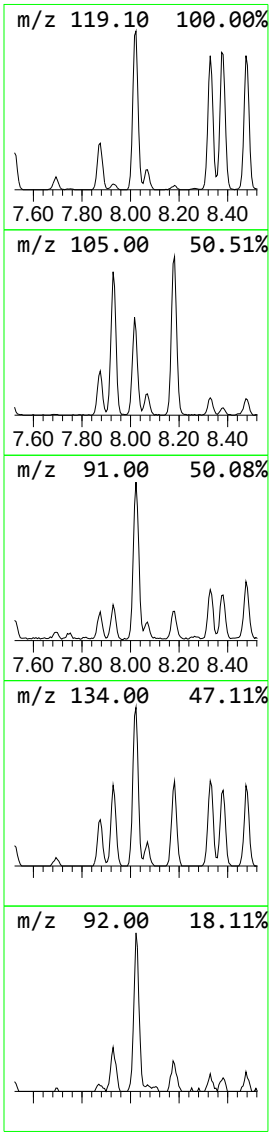
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.022 | 4.16 ng/ul | 355957 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 2 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 90 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 90 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 90 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 87 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

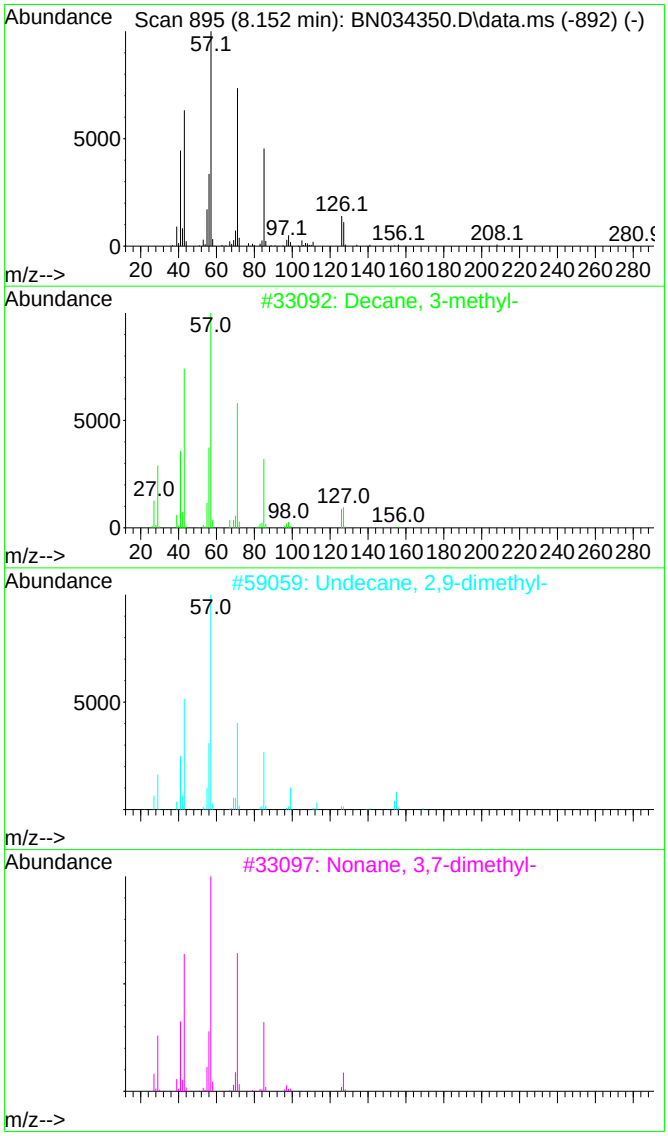
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

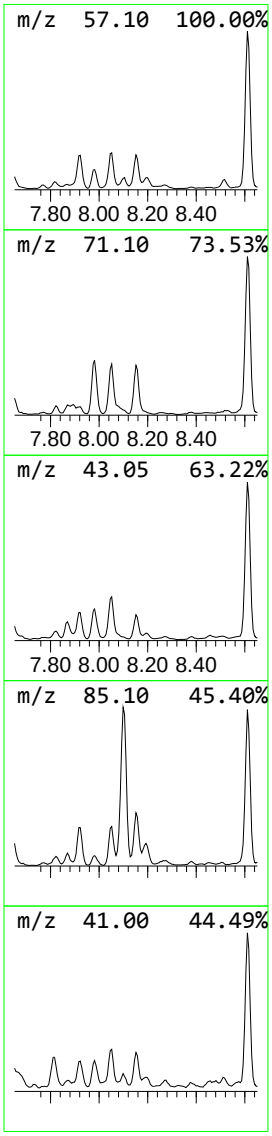
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.152 | 4.27 ng/ul | 366134 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 94 |
| 2 | Undecane, 2,9-dimethyl- | 184 | C13H28 | 017301-26-7 | 72 |
| 3 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 64 |
| 4 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 64 |
| 5 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 60 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

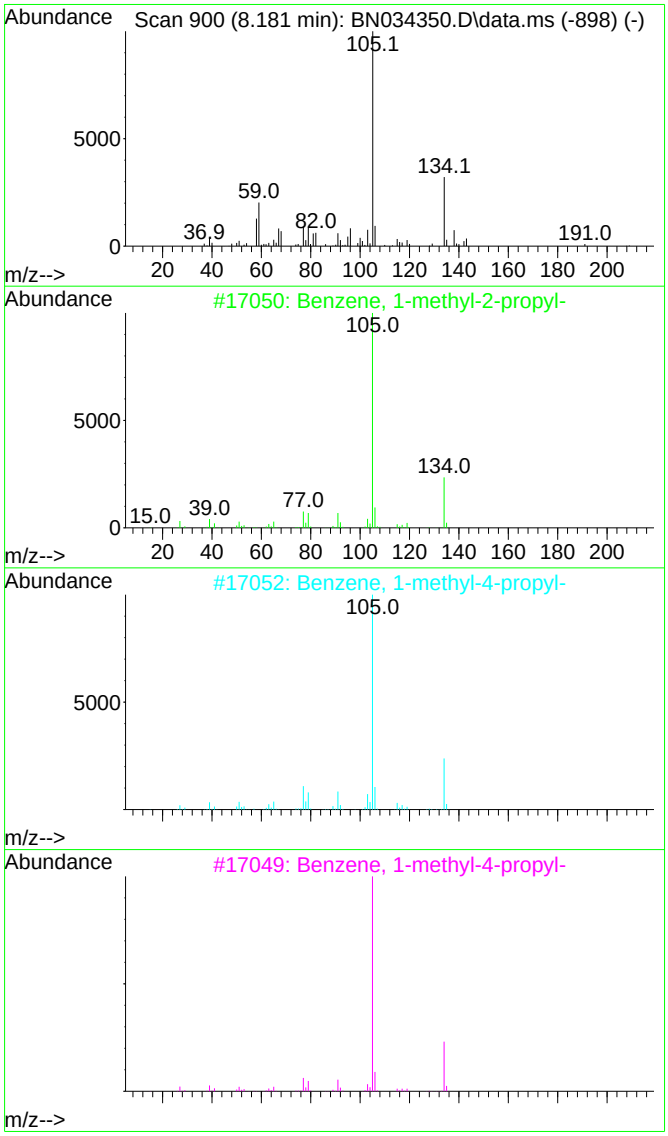
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

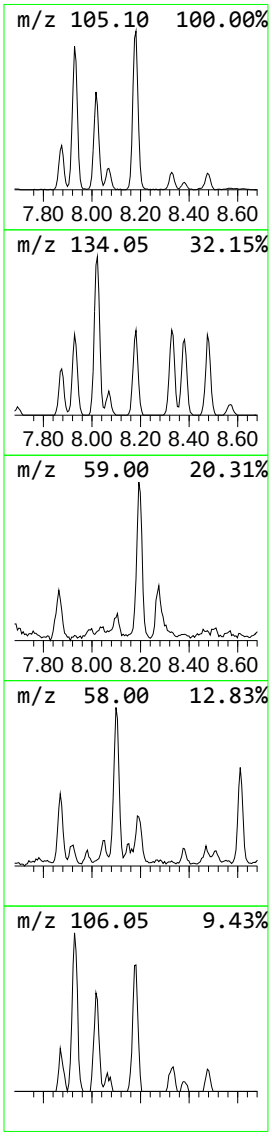
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1-methyl-2-propyl- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.181 | 3.26 ng/ul | 278917 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 55 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 49 |
| 3 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 45 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 43 |
| 5 | Ethylenediamine, N,N'-bis(.alpha... | 268 | C18H24N2 | 006280-75-7 | 43 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

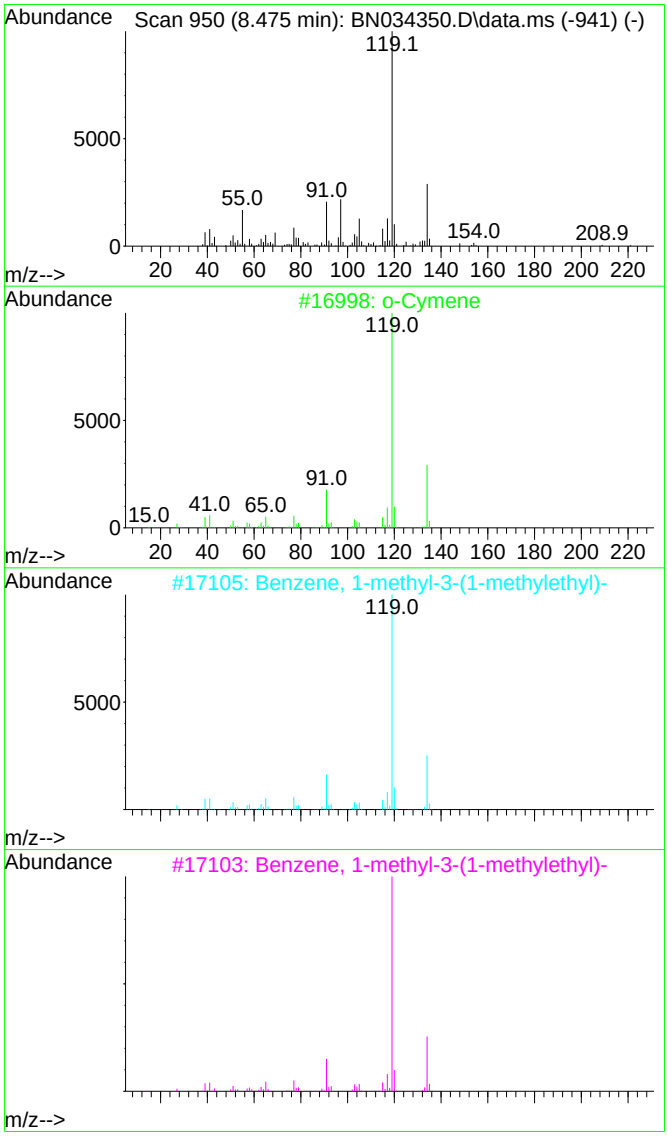
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

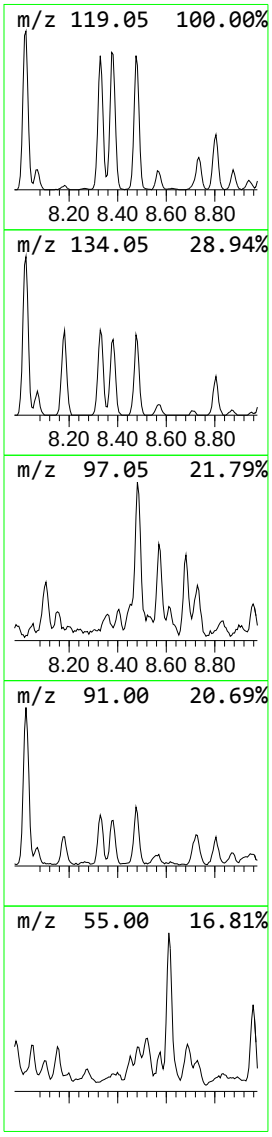
**********

Peak Number 24 o-Cymene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.475 | 3.95 ng/ul | 338236 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

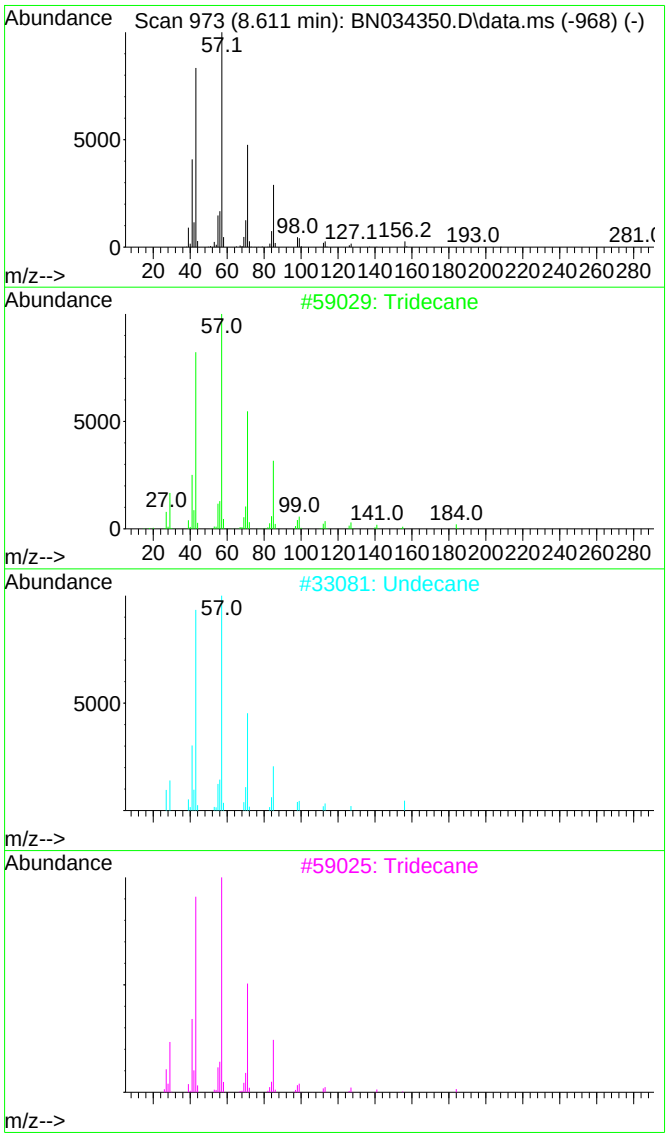
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

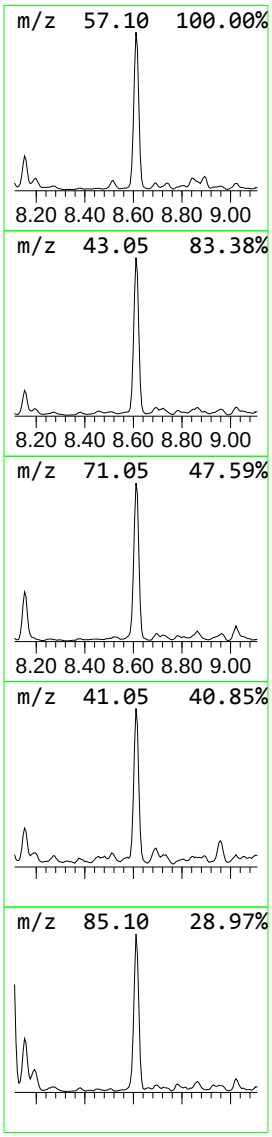
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.611 | 17.26 ng/ul | 1478720 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 87 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |
| 4 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 83 |
| 5 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 83 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

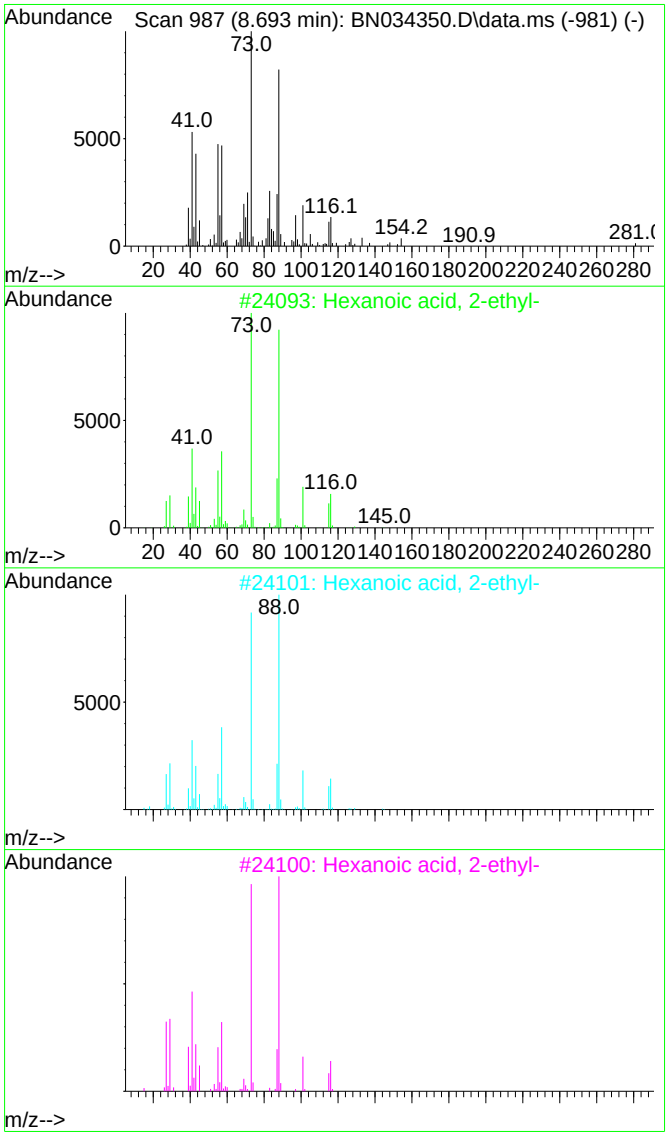
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

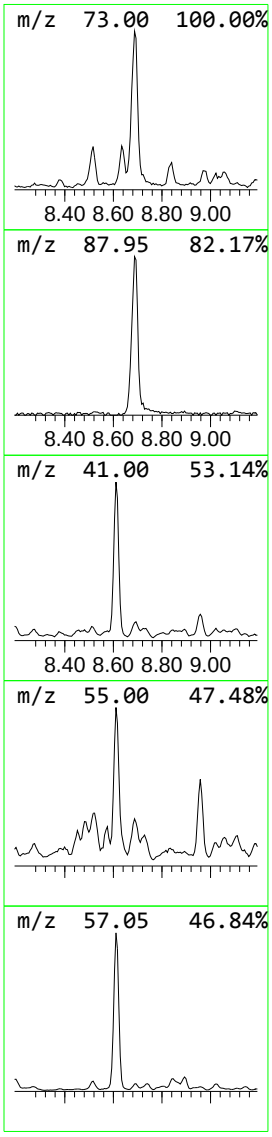
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Hexanoic acid, 2-ethyl- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.693 | 2.59 ng/ul | 221931 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 58 |
| 2 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 53 |
| 3 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 50 |
| 4 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 50 |
| 5 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 47 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

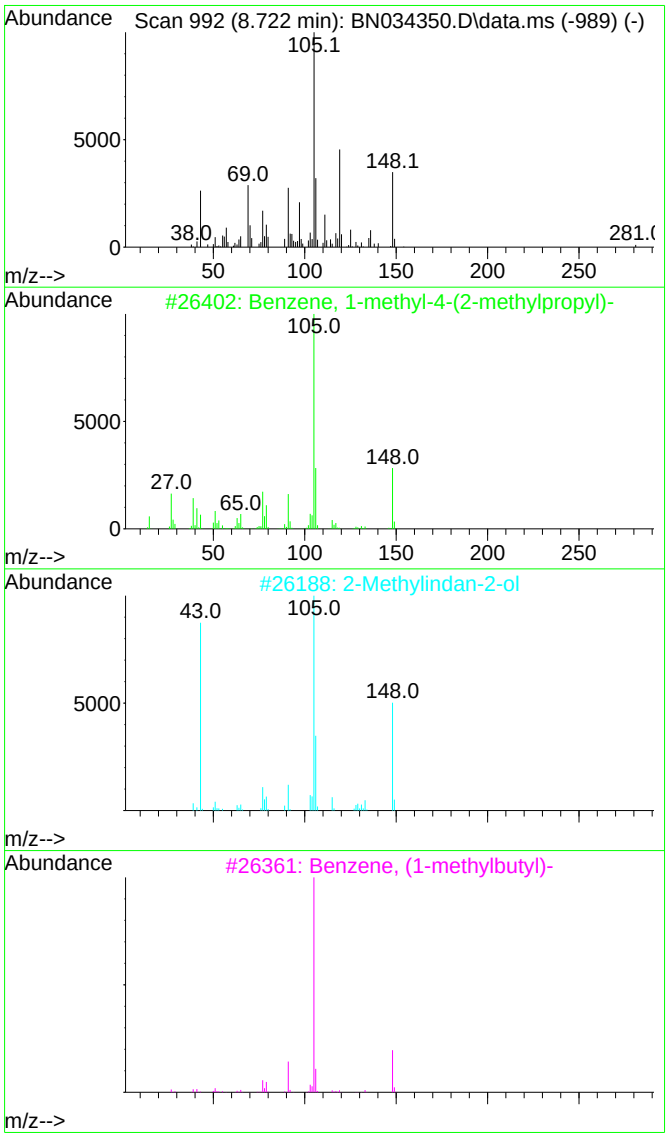
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

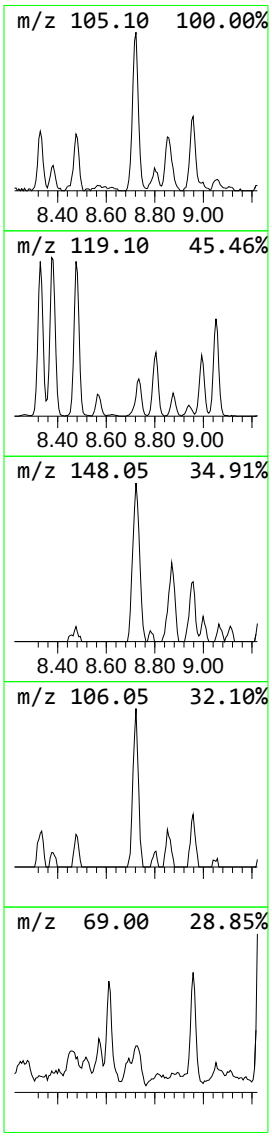
**********

Peak Number 27 unknown-02 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.722 | 3.05 ng/ul | 261310 | 1,4-Dichlorobenzene-d4 | 7.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(2-methylpro... | 148 | C11H16 | 005161-04-6 | 41 |
| 2 | 2-Methylindan-2-ol | 148 | C10H12O | 033223-84-6 | 35 |
| 3 | Benzene, (1-methylbutyl)- | 148 | C11H16 | 002719-52-0 | 25 |
| 4 | Benzene, 1-methyl-4-butyl | 148 | C11H16 | 001595-05-7 | 22 |
| 5 | (3-Methylphenyl) methanol, 1-met... | 178 | C12H18O | 1000374-58-5 | 18 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

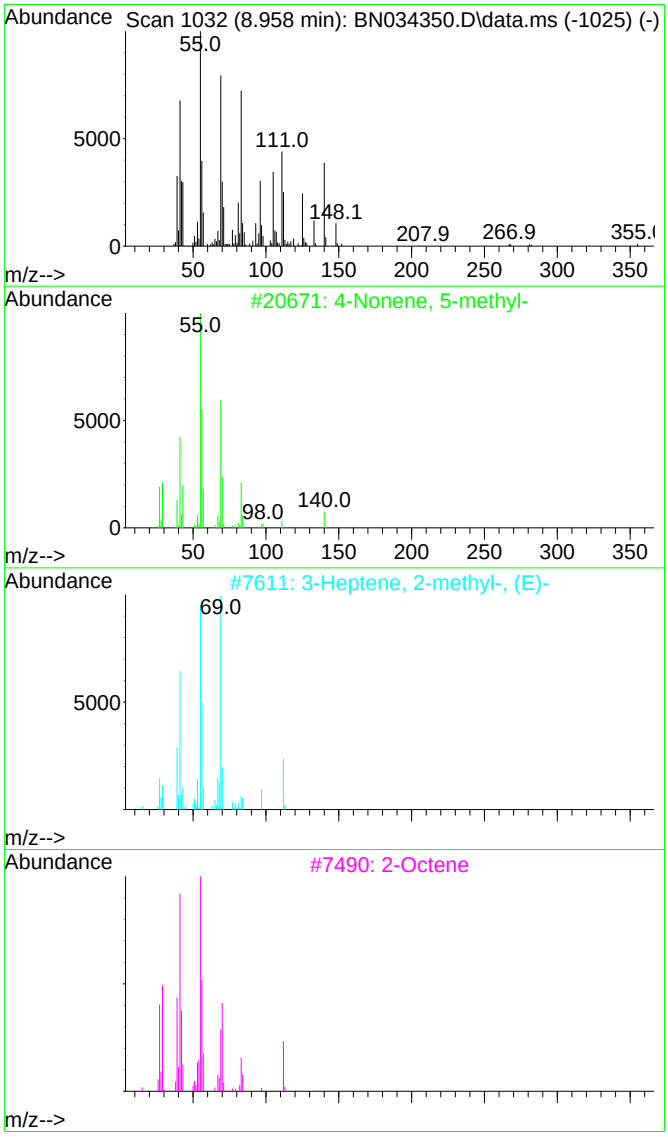
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

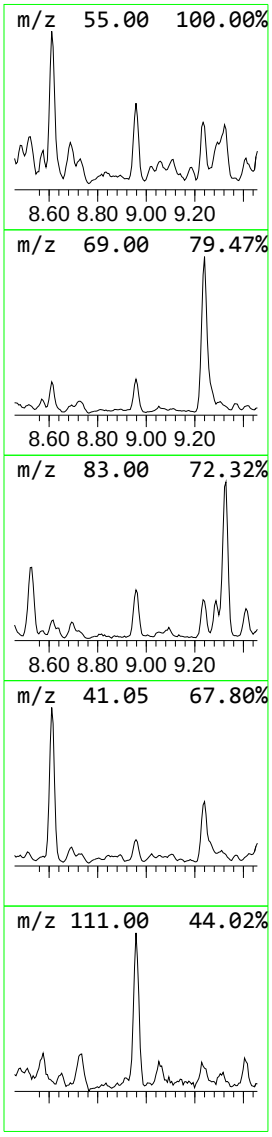
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.958 | 2.08 ng/ul | 308608 | Naphthalene-d8 | 10.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Nonene, 5-methyl- | 140 | C10H20 | 015918-07-7 | 49 |
| 2 | 3-Heptene, 2-methyl-, (E)- | 112 | C8H16 | 000692-96-6 | 46 |
| 3 | 2-Octene | 112 | C8H16 | 000111-67-1 | 44 |
| 4 | 4-Octene, 2,6-dimethyl-, [S-(E)]- | 140 | C10H20 | 062960-76-3 | 43 |
| 5 | 2-Methyl-2-heptene | 112 | C8H16 | 000627-97-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

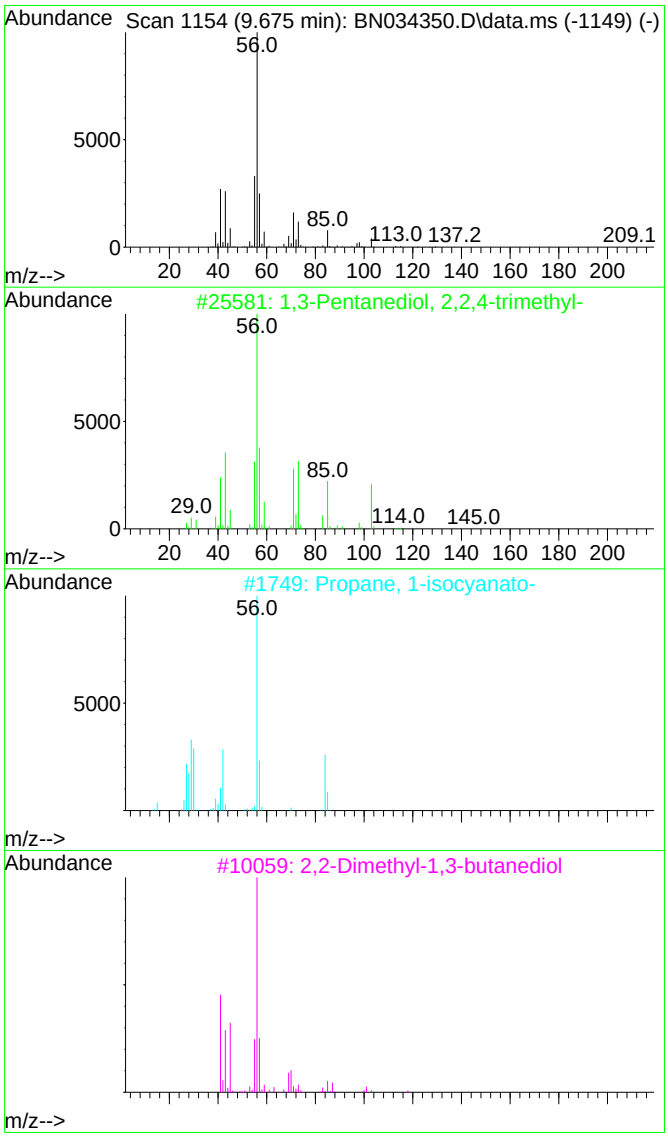
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

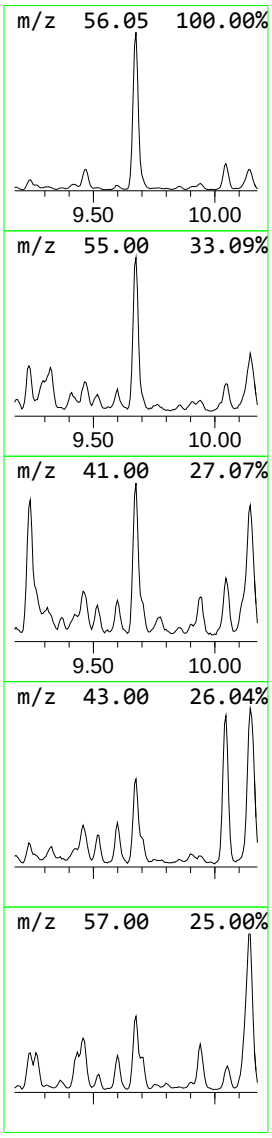
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 unknown-03 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.675 | 5.52 ng/ul | 819889 | Naphthalene-d8 | 10.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Pentanediol, 2,2,4-trimethyl- | 146 | C8H18O2 | 000144-19-4 | 40 |
| 2 | Propane, 1-isocyanato- | 85 | C4H7NO | 000110-78-1 | 40 |
| 3 | 2,2-Dimethyl-1,3-butanediol | 118 | C6H14O2 | 000076-35-7 | 38 |
| 4 | 1,3-Pentanediol, 2,2,4-trimethyl- | 146 | C8H18O2 | 000144-19-4 | 38 |
| 5 | Cyclobutane, 1,2,3,4-tetramethyl- | 112 | C8H16 | 069531-57-3 | 33 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

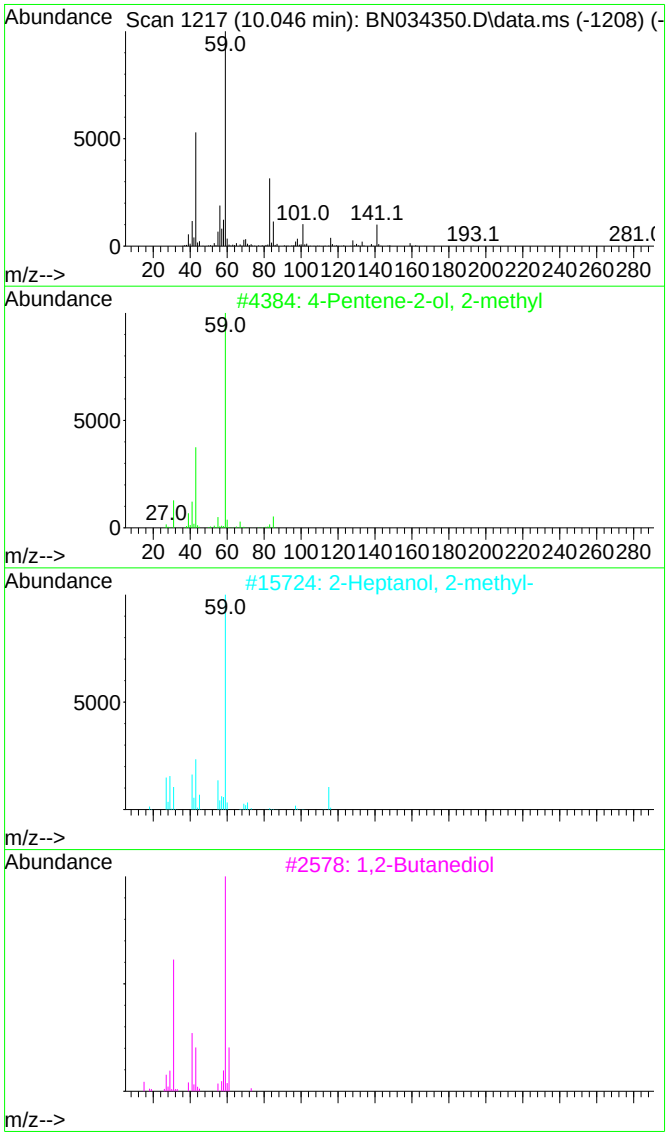
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

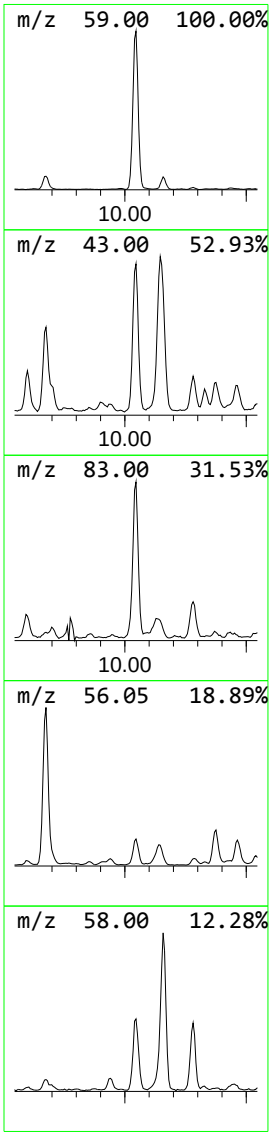
**********

Peak Number 30 unknown-04 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.046 | 5.79 ng/ul | 860472 | Naphthalene-d8 | 10.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Pentene-2-ol, 2-methyl | 100 | C6H12O | 000624-97-5 | 47 |
| 2 | 2-Heptanol, 2-methyl- | 130 | C8H18O | 000625-25-2 | 47 |
| 3 | 1,2-Butanediol | 90 | C4H10O2 | 000584-03-2 | 43 |
| 4 | N-Formyl-d-threo-O-methylthreonine | 161 | C6H11NO4 | 1000214-69-5 | 40 |
| 5 | 2-Pentanol, 2,3-dimethyl- | 116 | C7H16O | 004911-70-0 | 38 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

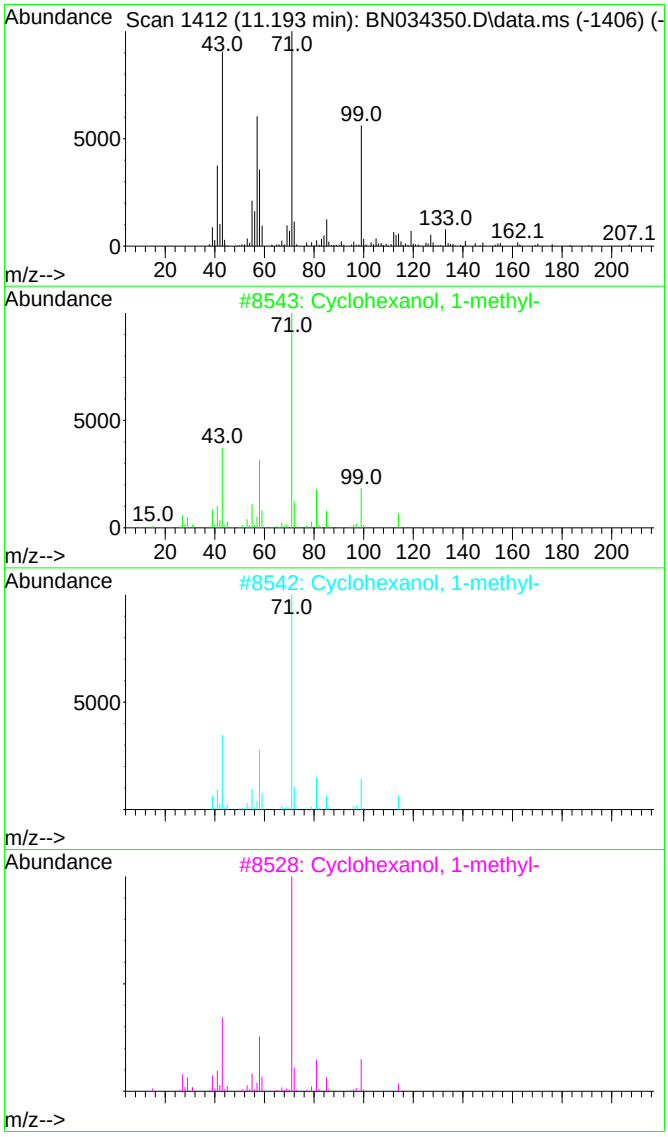
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

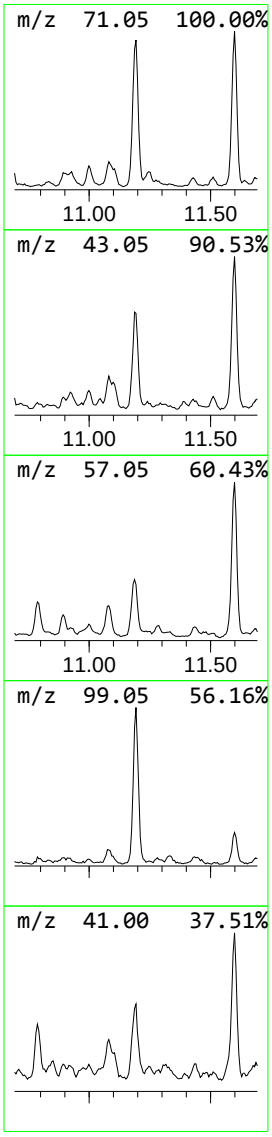
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Cyclohexanol, 1-methyl- Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.193 | 2.54 ng/ul | 377640 | Naphthalene-d8 | 10.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanol, 1-methyl- | 114 | C7H14O | 000590-67-0 | 64 |
| 2 | Cyclohexanol, 1-methyl- | 114 | C7H14O | 000590-67-0 | 64 |
| 3 | Cyclohexanol, 1-methyl- | 114 | C7H14O | 000590-67-0 | 64 |
| 4 | n-Caproic acid vinyl ester | 142 | C8H14O2 | 003050-69-9 | 50 |
| 5 | Butanoic acid, 2-(2-cyanoethyl)-... | 297 | C15H23NO5 | 1010460-88-7 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

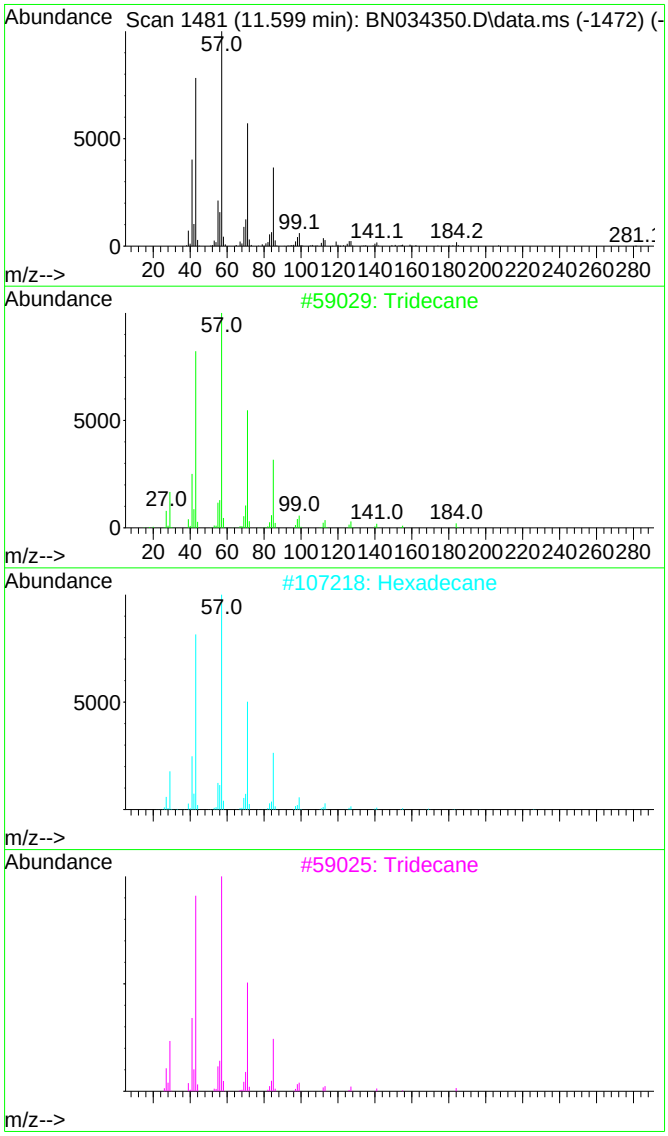
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

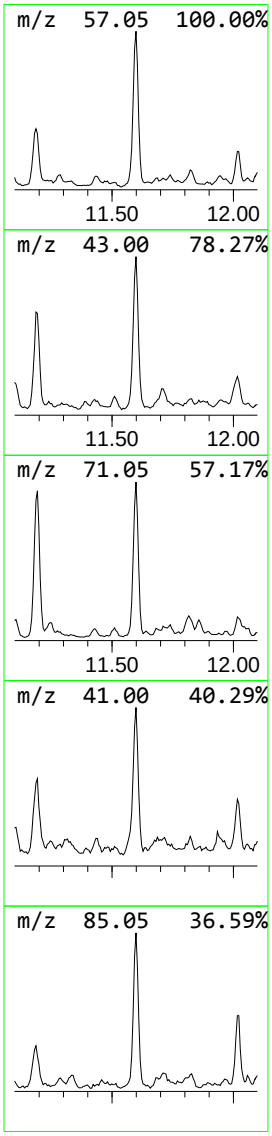
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.599 | 3.51 ng/ul | 520904 | Naphthalene-d8 | 10.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 96 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |



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Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

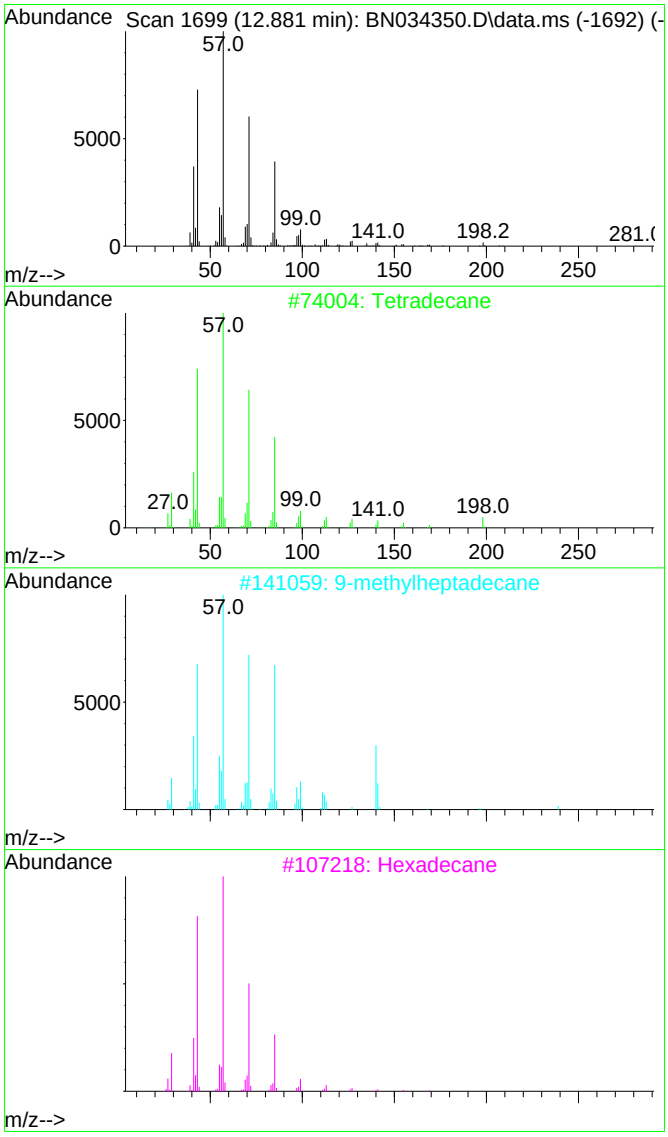
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

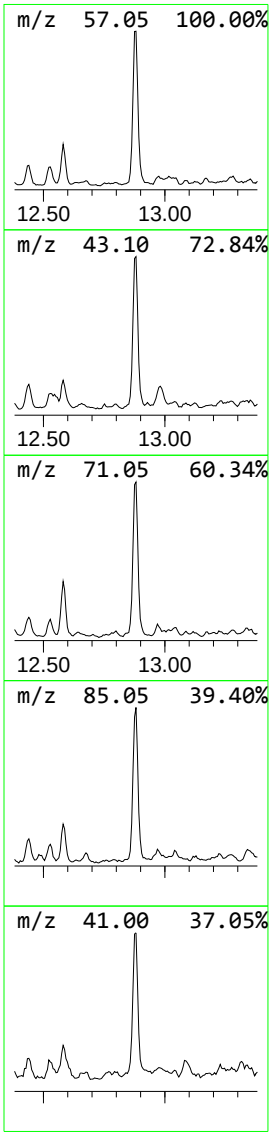
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.881 | 3.91 ng/ul | 527113 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 93 |
| 2 | 9-methylheptadecane | 254 | C18H38 | 026741-18-4 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

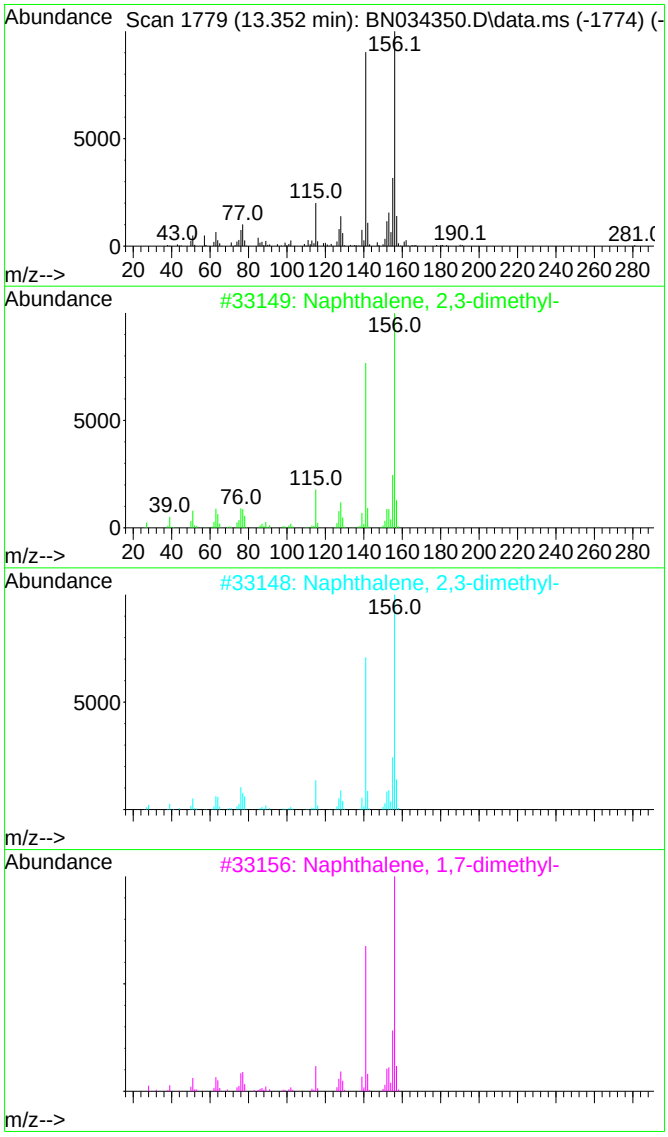
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

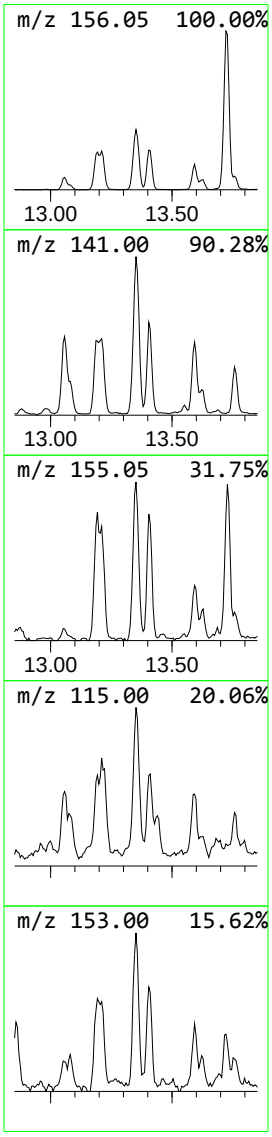
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 Naphthalene, 2,3-dimethyl- Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.352 | 2.44 ng/ul | 328942 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 5 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

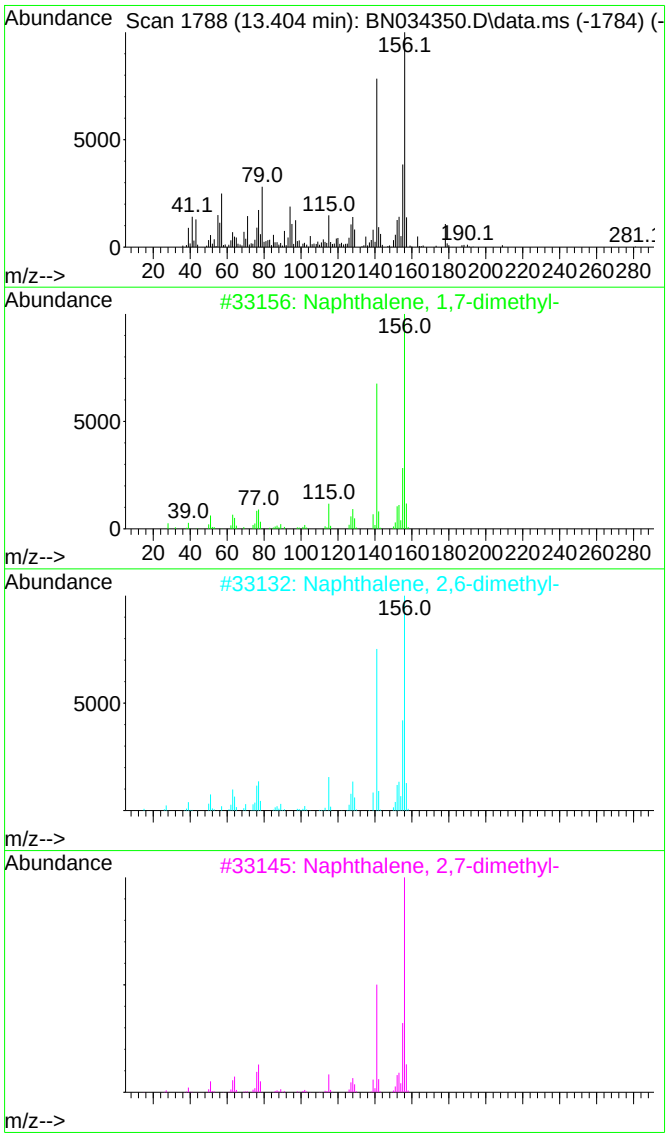
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

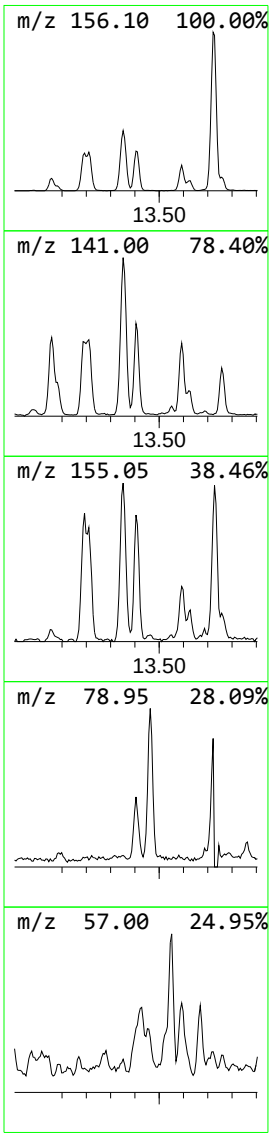
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Naphthalene, 1,7-dimethyl- Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.404 | 2.42 ng/ul | 325441 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

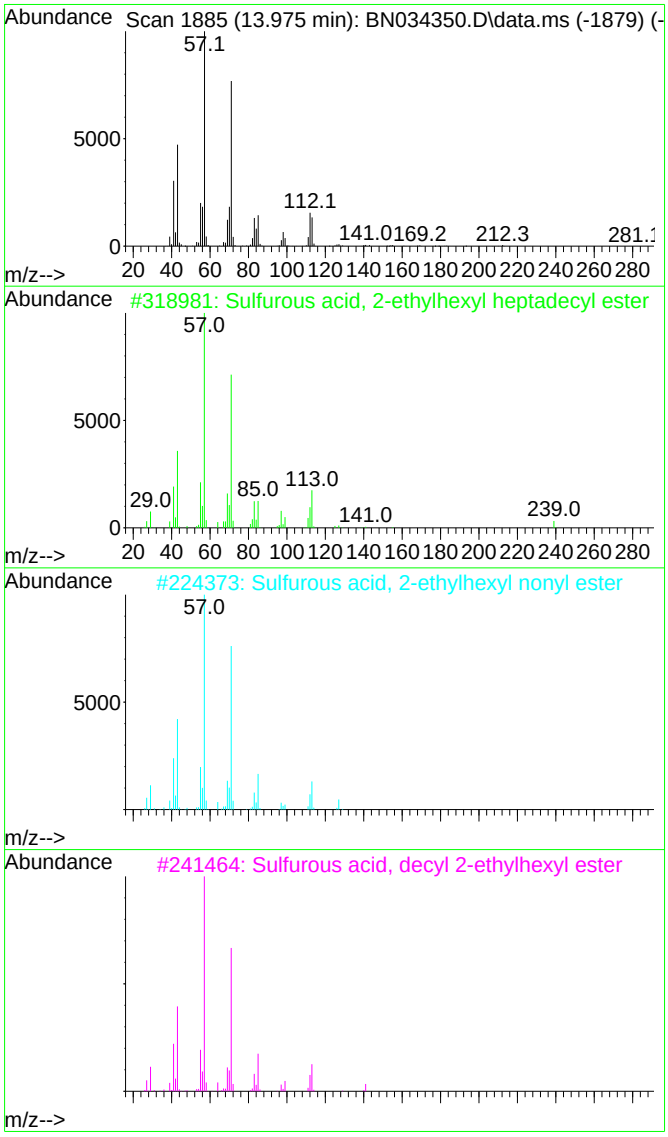
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

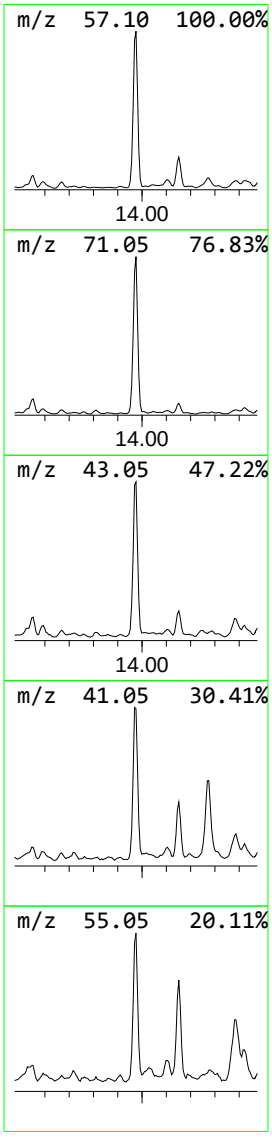
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.975 | 12.63 ng/ul | 1700840 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 90 |
| 2 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 87 |
| 3 | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 80 |
| 4 | Oxalic acid, 2-ethylhexyl nonyl ... | 328 | C19H36O4 | 1000309-39-2 | 72 |
| 5 | Oxalic acid, bis(2-ethylhexyl) e... | 314 | C18H34O4 | 1000309-39-0 | 72 |



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Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

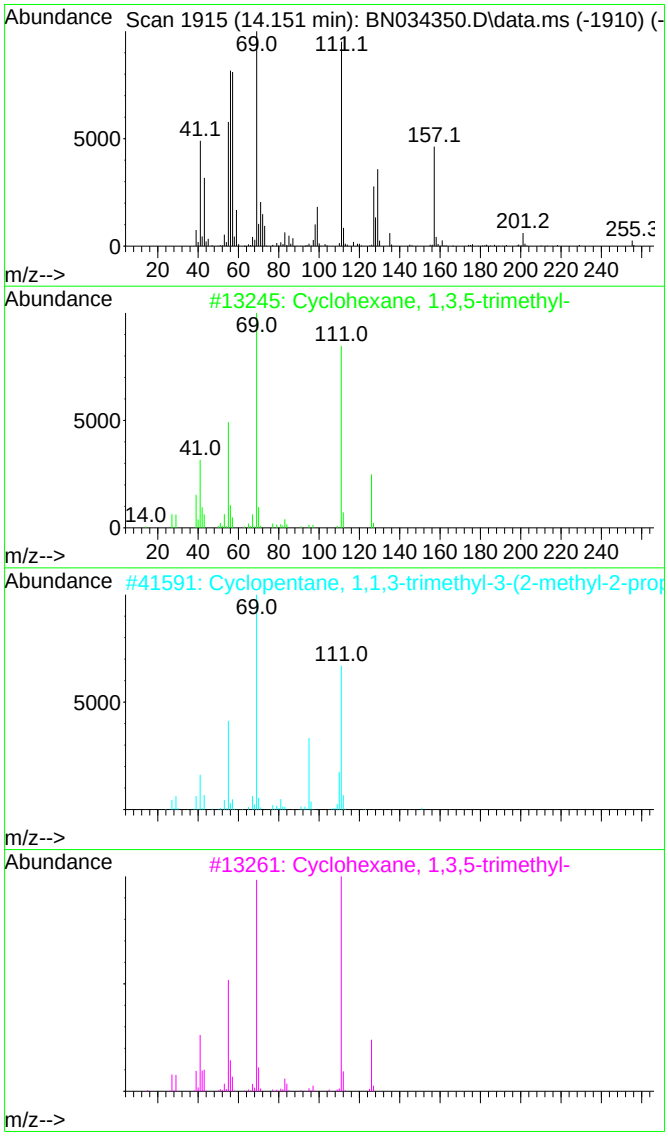
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

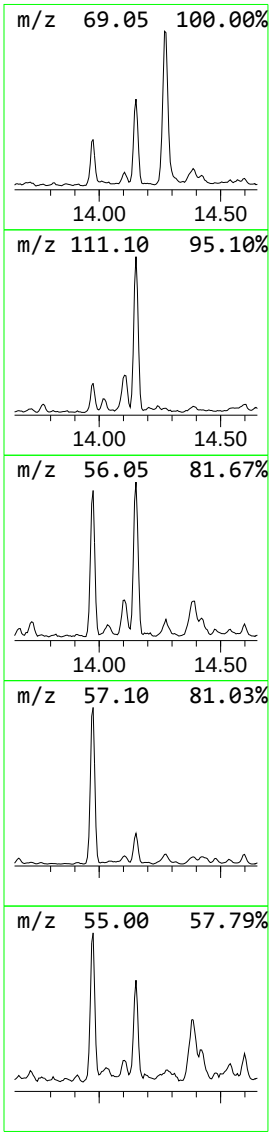
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 (DEL) Alkane: Cyclic14.152 Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.152 | 4.97 ng/ul | 670036 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 35 |
| 2 | Cyclopentane, 1,1,3-trimethyl-3-... | 166 | C12H22 | 074421-09-3 | 35 |
| 3 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 35 |
| 4 | Cyclohexane, 1-ethyl-2,4-dimethyl- | 140 | C10H20 | 061142-69-6 | 22 |
| 5 | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
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Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

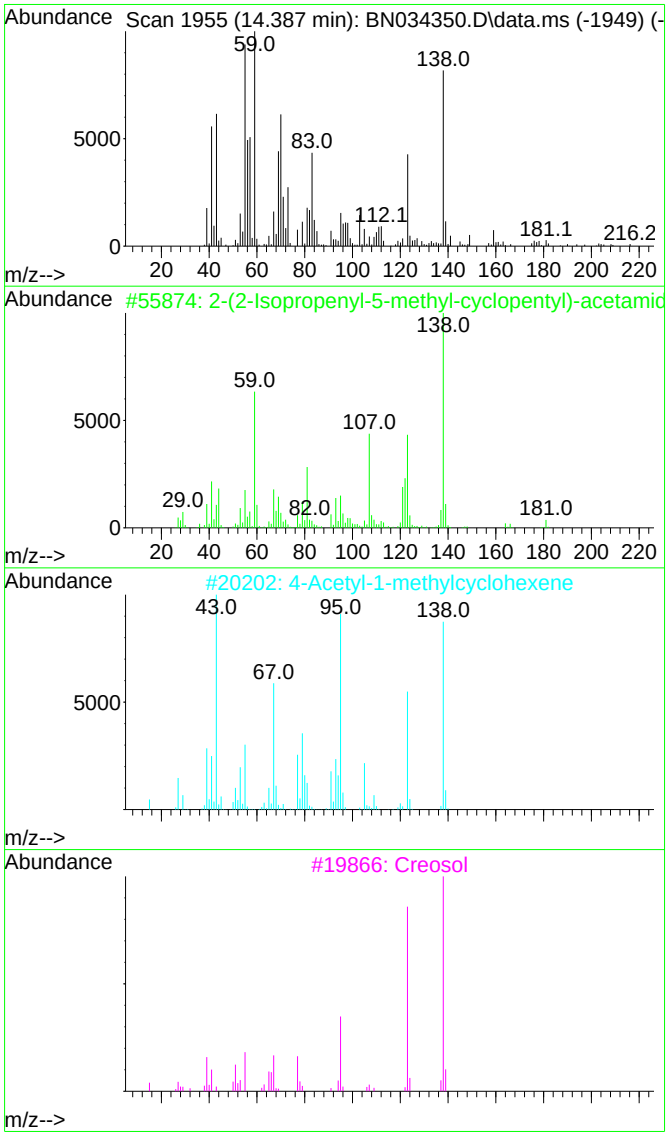
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

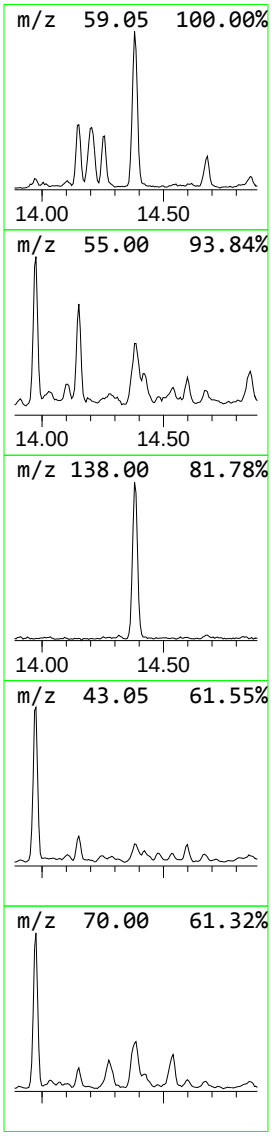
**********

Peak Number 40 unknown-05 Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.387 | 3.56 ng/ul | 479137 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-(2-Isopropenyl-5-methyl-cyclop... | 181 | C11H19NO | 1010186-78-6 | 46 |
| 2 | 4-Acetyl-1-methylcyclohexene | 138 | C9H14O | 006090-09-1 | 25 |
| 3 | Creosol | 138 | C8H10O2 | 000093-51-6 | 25 |
| 4 | 2-Methoxy-p-phenylenediamine | 138 | C7H10N2O | 1000237-93-1 | 25 |
| 5 | Hydrazine, (4-methoxyphenyl)- | 138 | C7H10N2O | 003471-32-7 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

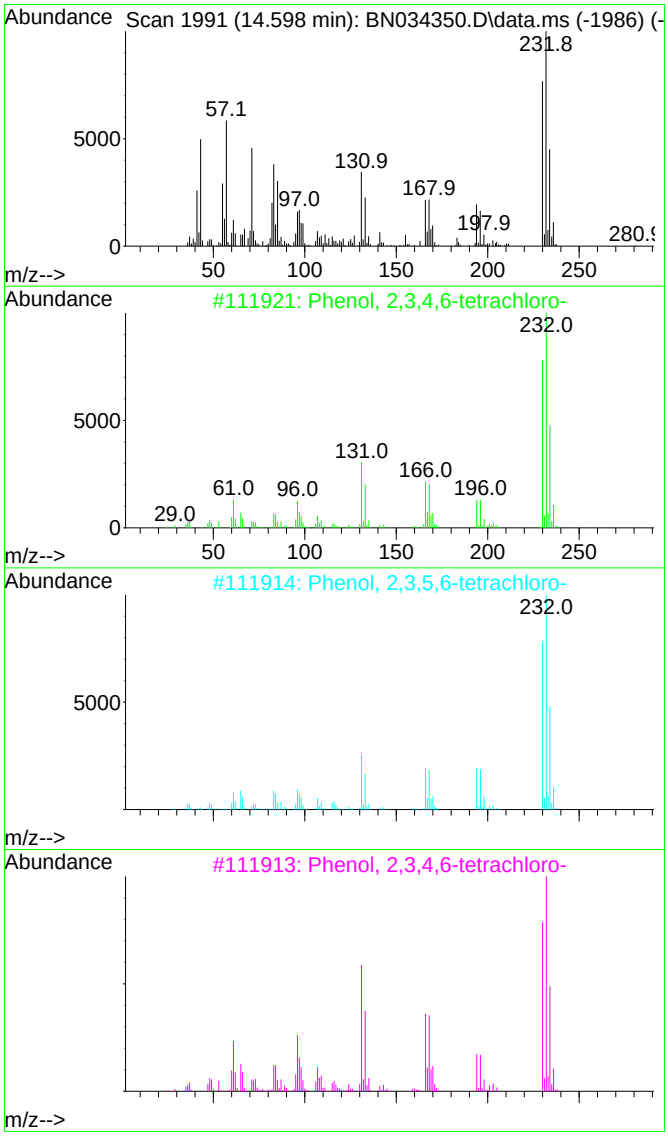
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

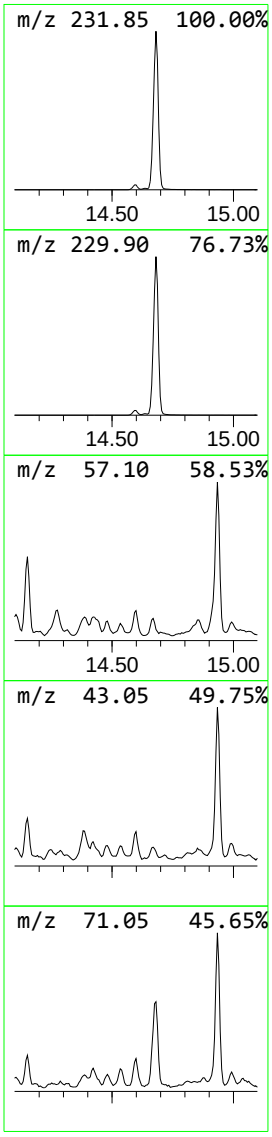
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.599 | 2.75 ng/ul | 369890 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 99 |
| 2 | Phenol, 2,3,5,6-tetrachloro- | 230 | C6H2Cl4O | 000935-95-5 | 99 |
| 3 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 99 |
| 4 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 99 |
| 5 | Phenol, 2,3,4,5-tetrachloro- | 230 | C6H2Cl4O | 004901-51-3 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

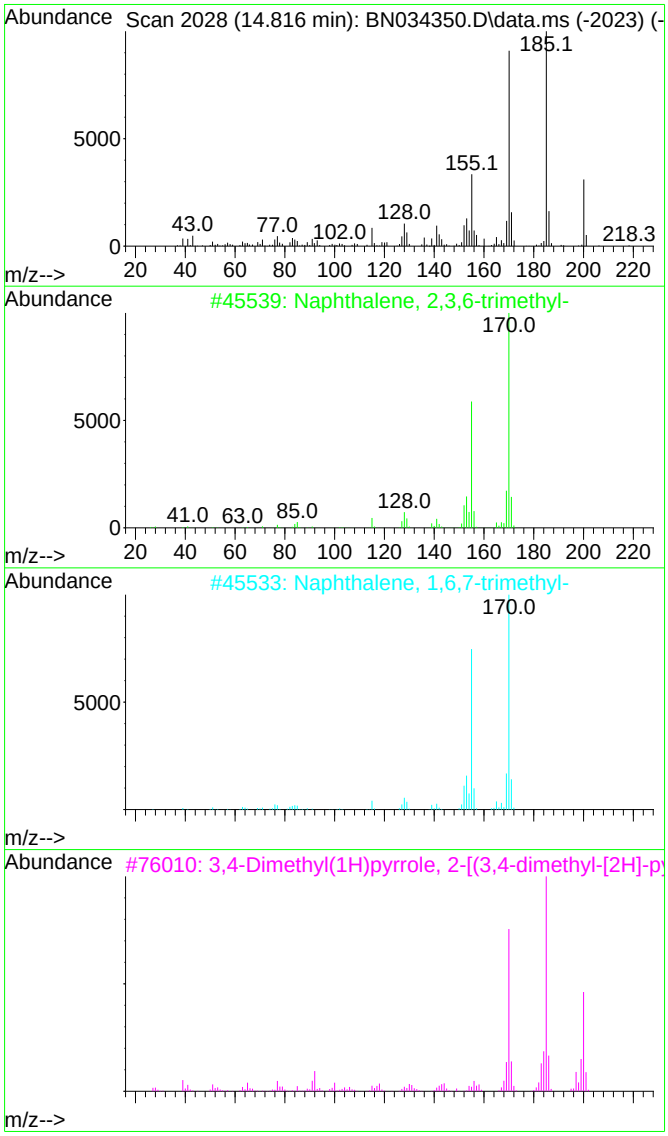
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

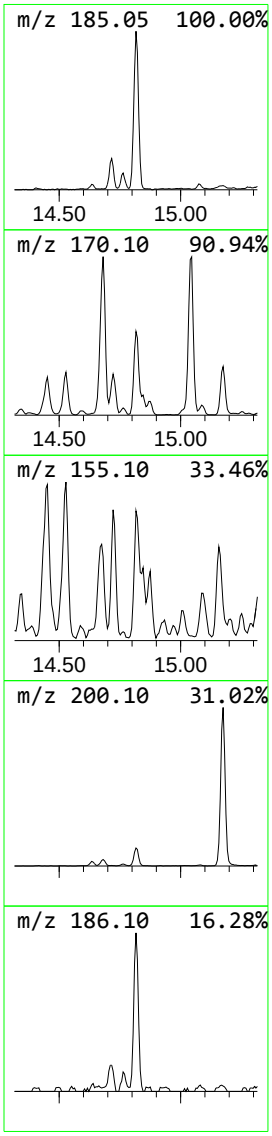
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.816 | 3.22 ng/ul | 434324 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 90 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 89 |
| 3 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2 | 065539-79-9 | 87 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 64 |
| 5 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

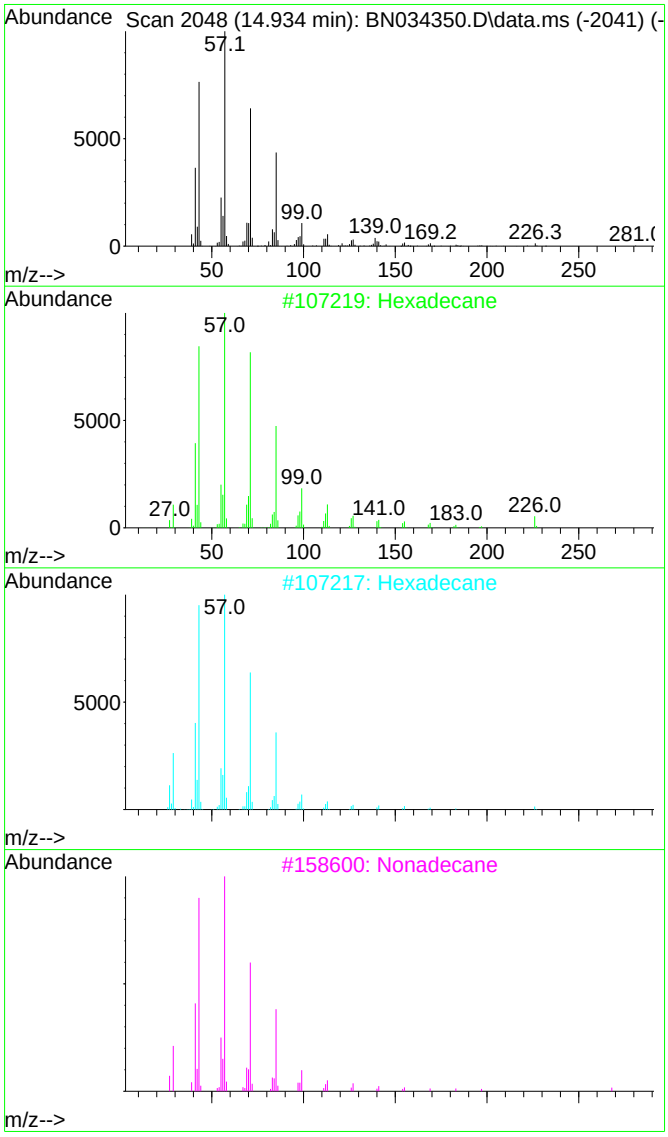
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

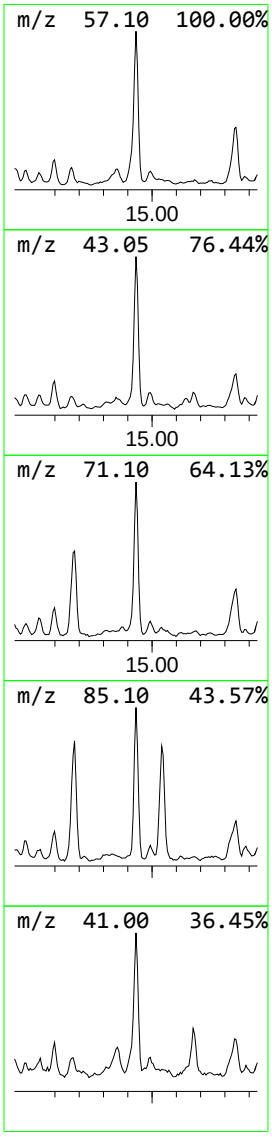
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.934 | 5.55 ng/ul | 747651 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

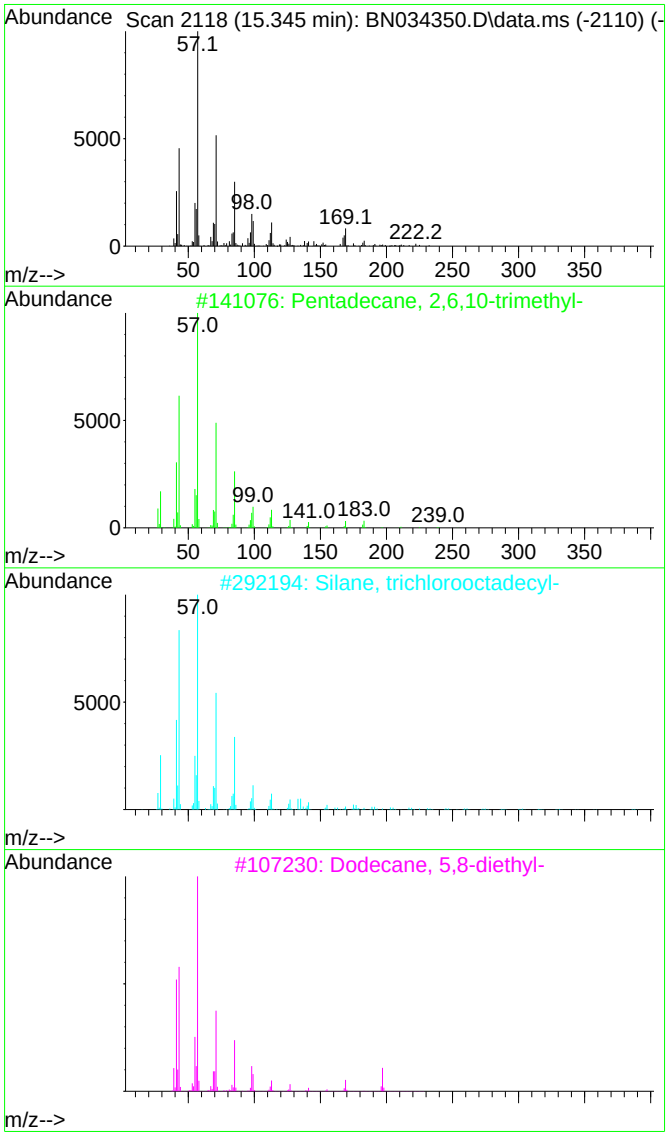
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

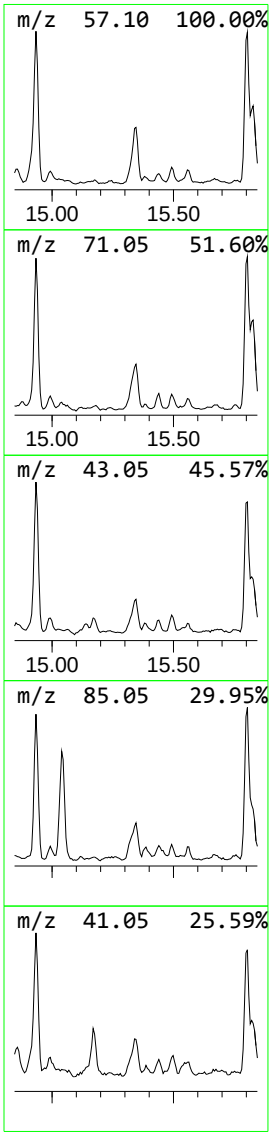
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.345 | 3.18 ng/ul | 428188 | Acenaphthene-d10 | 14.040 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 80 |
| 2 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 72 |
| 3 | Dodecane, 5,8-diethyl- | 226 | C16H34 | 024251-86-3 | 72 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 64 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

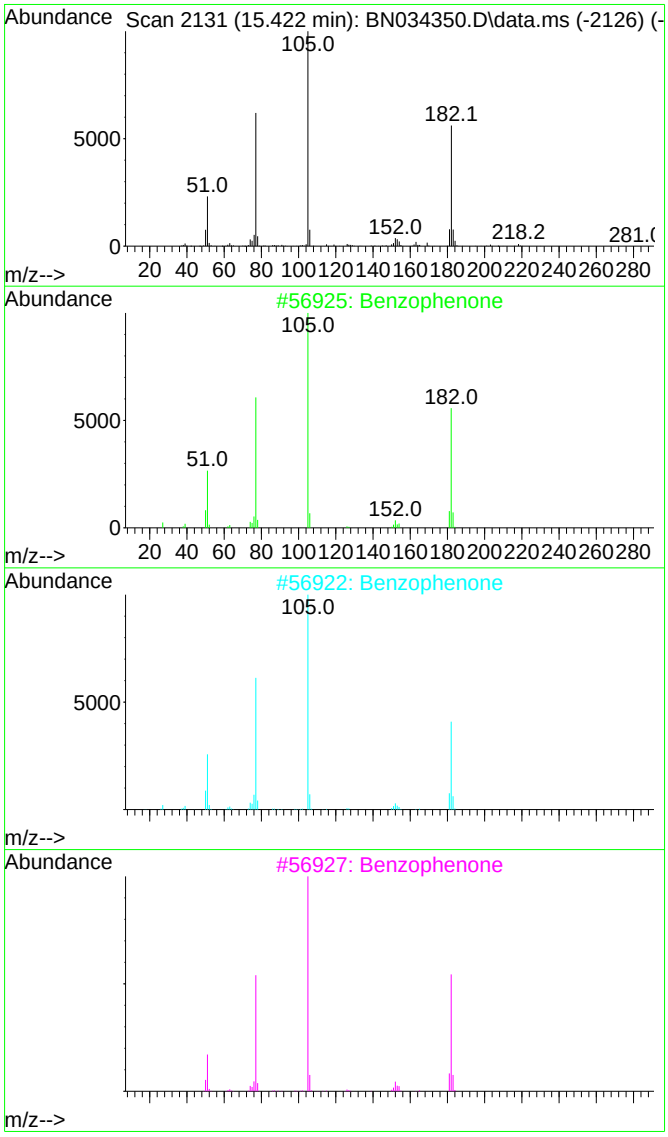
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

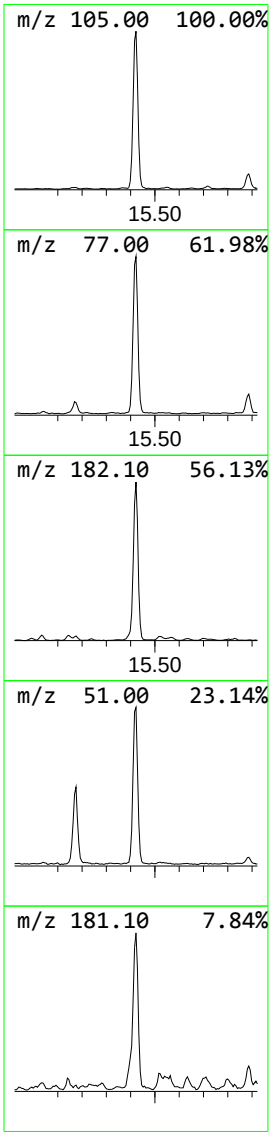
**********

Peak Number 45 Benzophenone Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.422 | 6.14 ng/ul | 989754 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 94 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

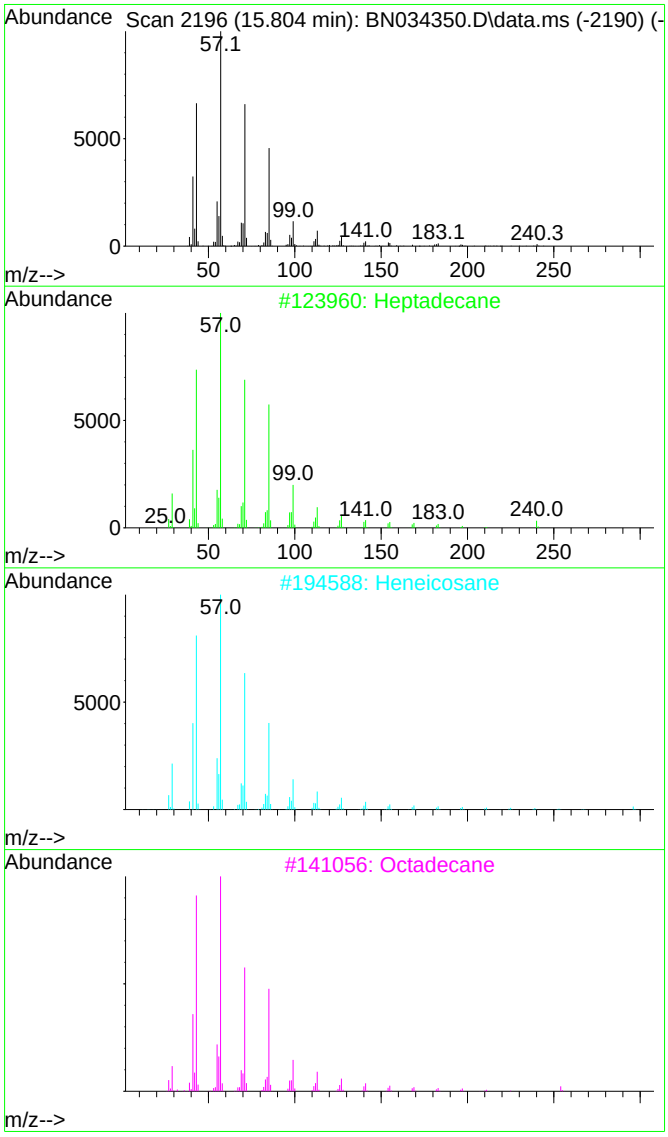
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

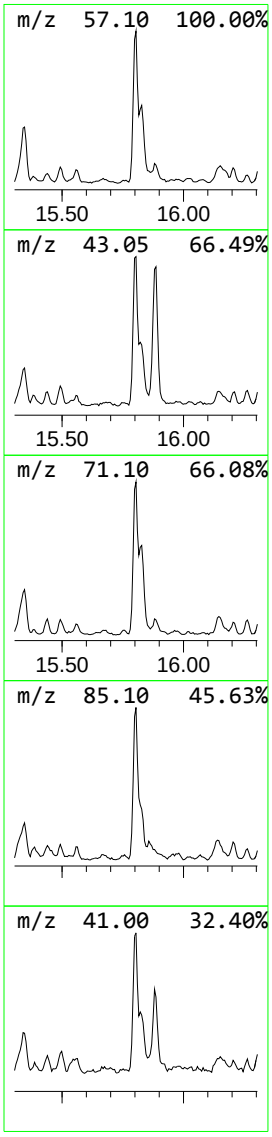
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.804 | 4.55 ng/ul | 732376 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 97 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

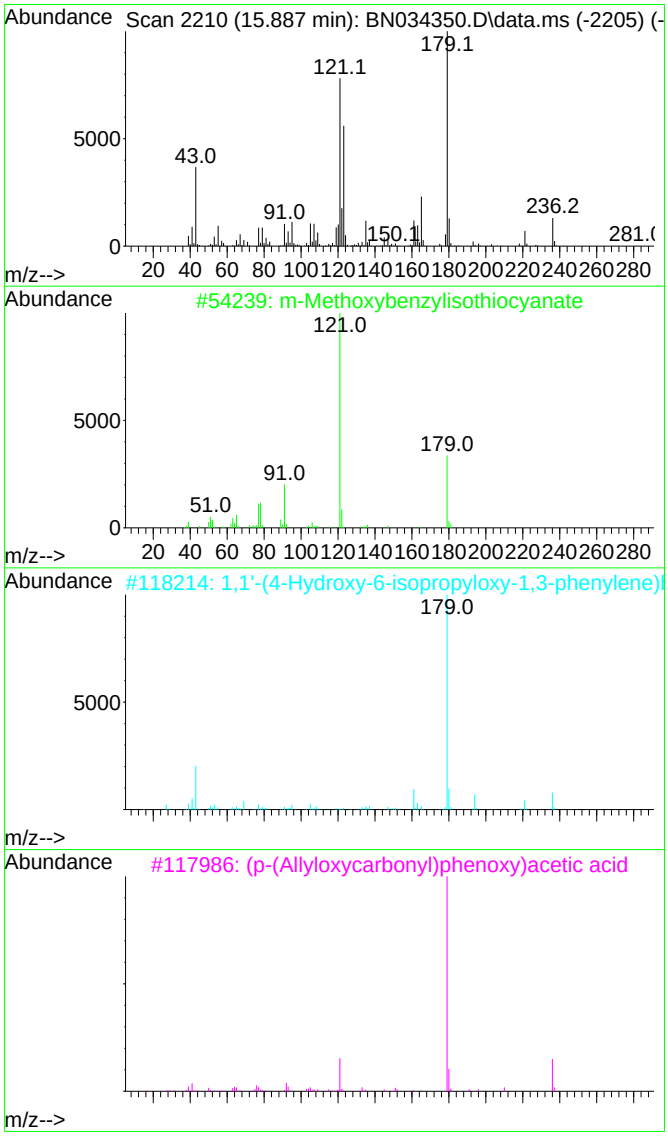
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

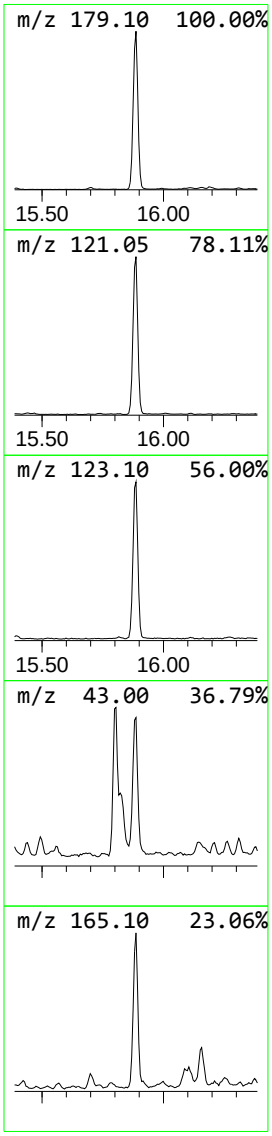
**********

Peak Number 47 unknown-06 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.887 | 8.43 ng/ul | 1359050 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | m-Methoxybenzylisothiocyanate | 179 | C9H9NOS | 075272-77-4 | 49 |
| 2 | 1,1'-(4-Hydroxy-6-isopropyloxy-1... | 236 | C13H16O4 | 1000454-72-6 | 42 |
| 3 | (p-(Allyloxycarbonyl)phenoxy)ace... | 236 | C12H12O5 | 1010241-83-7 | 38 |
| 4 | Benzothiazole-6-carboxylic acid | 179 | C8H5NO2S | 003622-35-3 | 30 |
| 5 | 1,1'-(4-Hydroxy-6-(n-propyl)oxy-... | 236 | C13H16O4 | 1000454-72-5 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

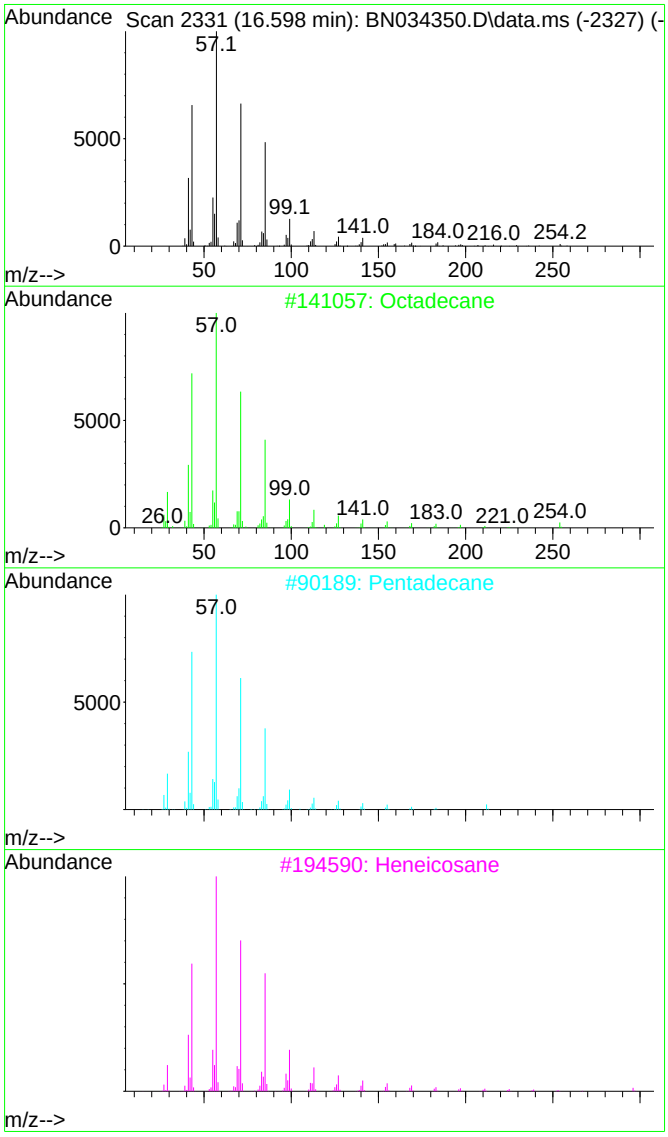
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

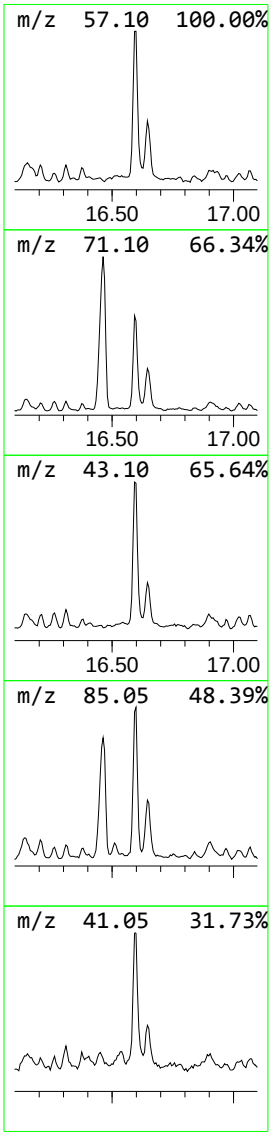
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.598 | 3.66 ng/ul | 590441 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 97 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 5 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

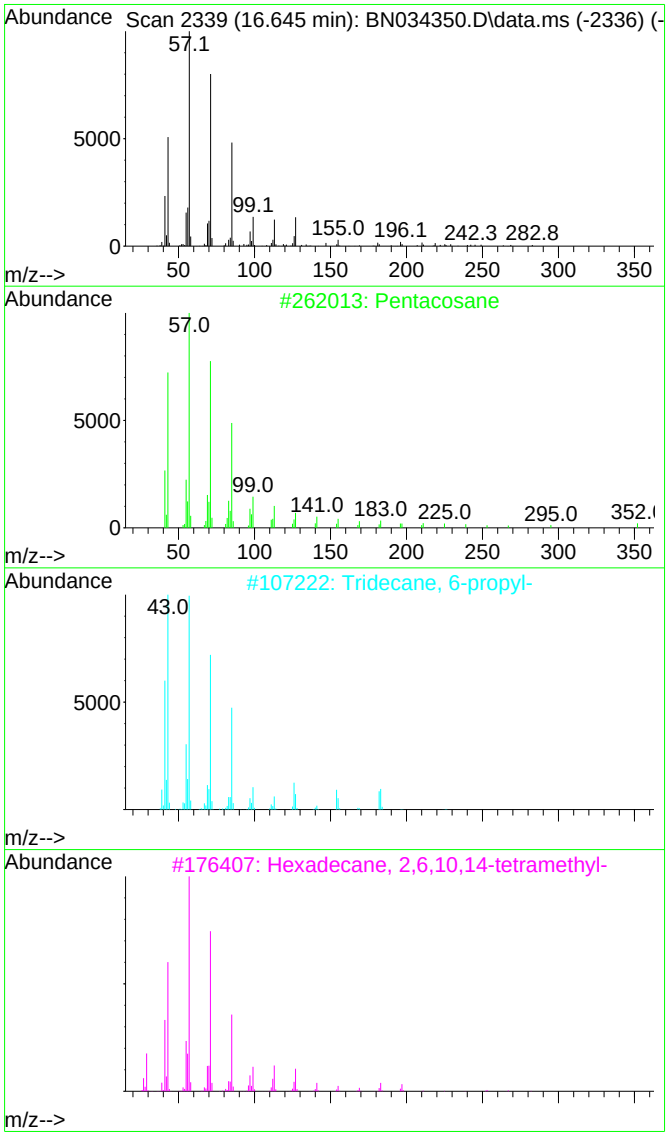
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

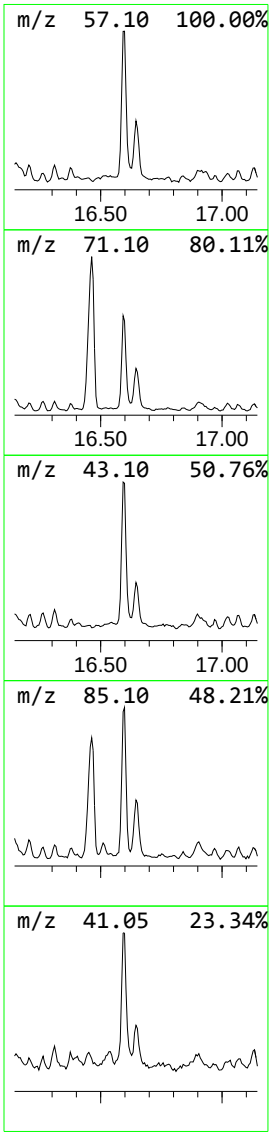
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.645 | 2.27 ng/ul | 365004 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 2 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 87 |
| 3 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 80 |
| 4 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 80 |
| 5 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

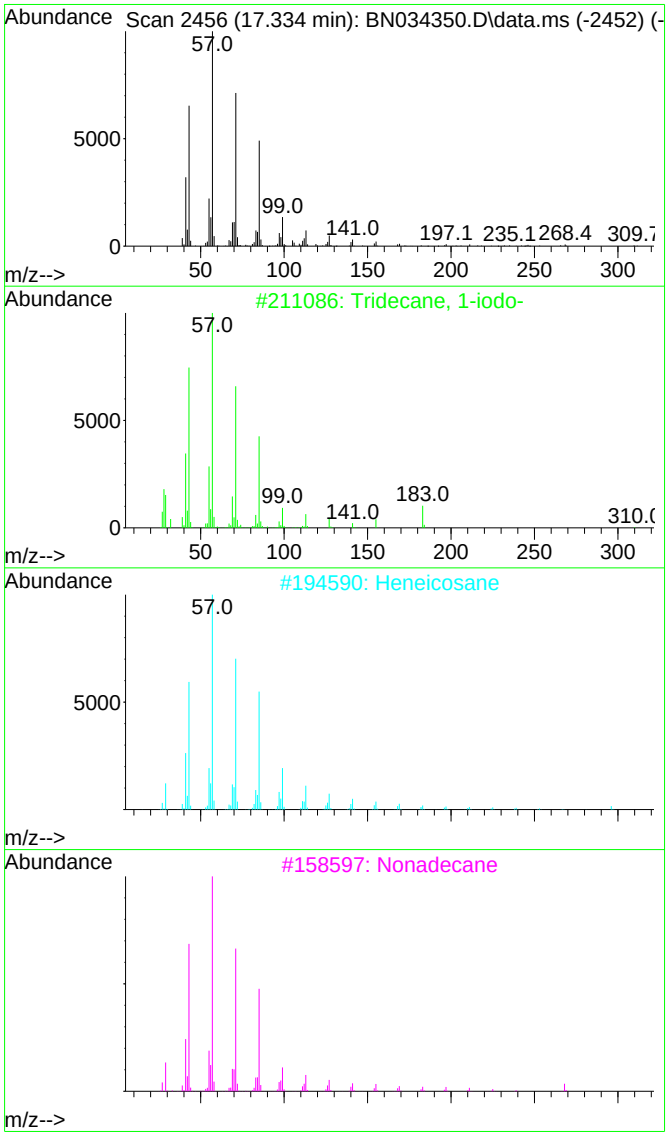
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

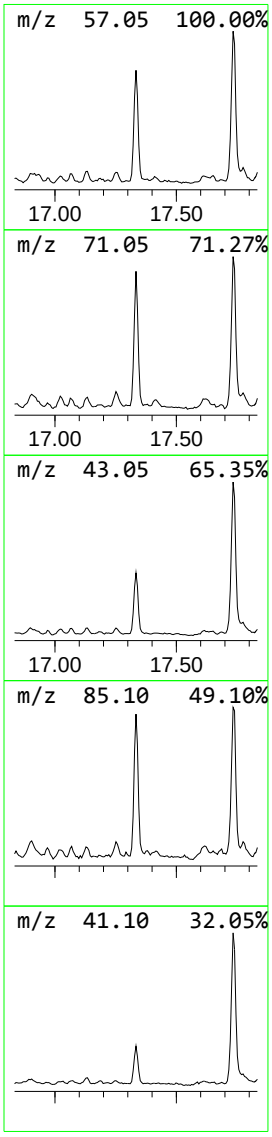
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 Tridecane, 1-iodo- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.334 | 3.29 ng/ul | 530135 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 93 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

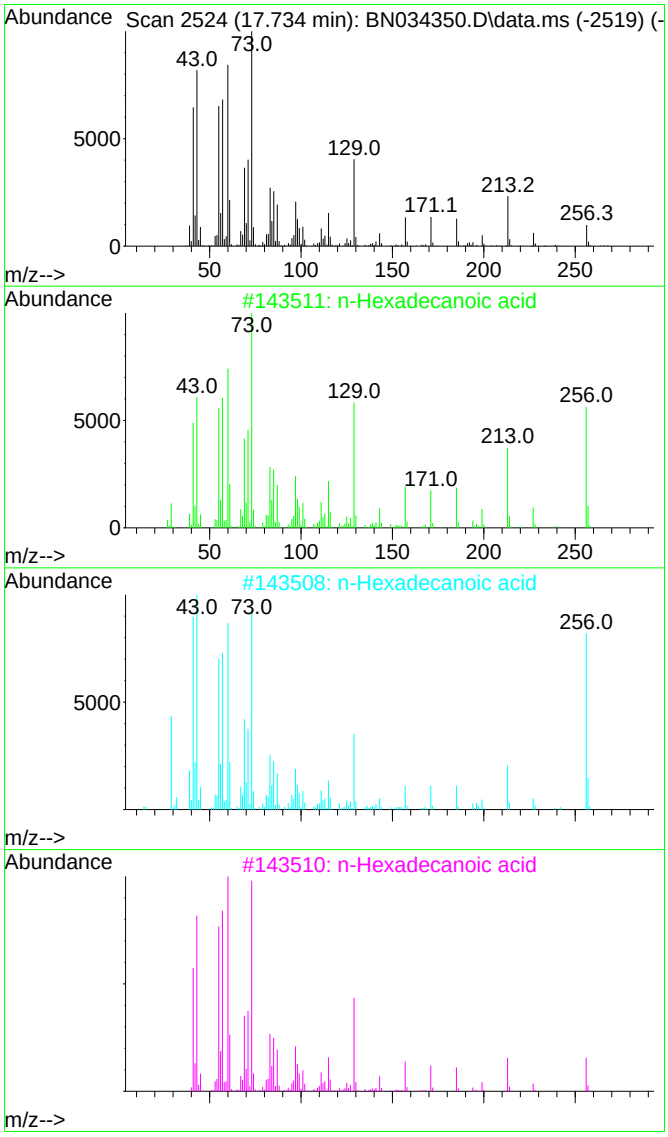
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

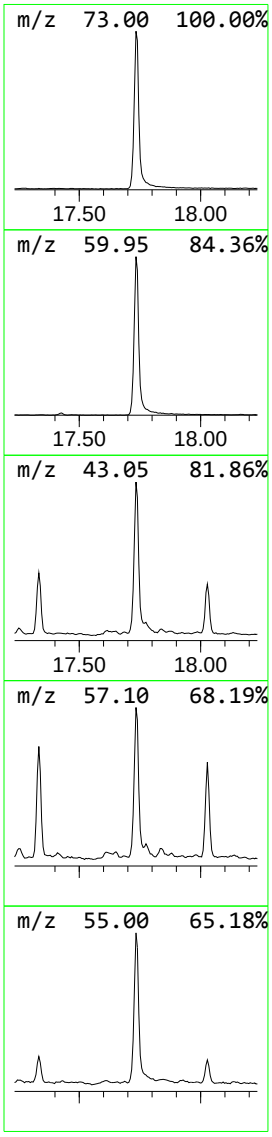
**********

Peak Number 51 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.734 | 16.07 ng/ul | 2588900 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

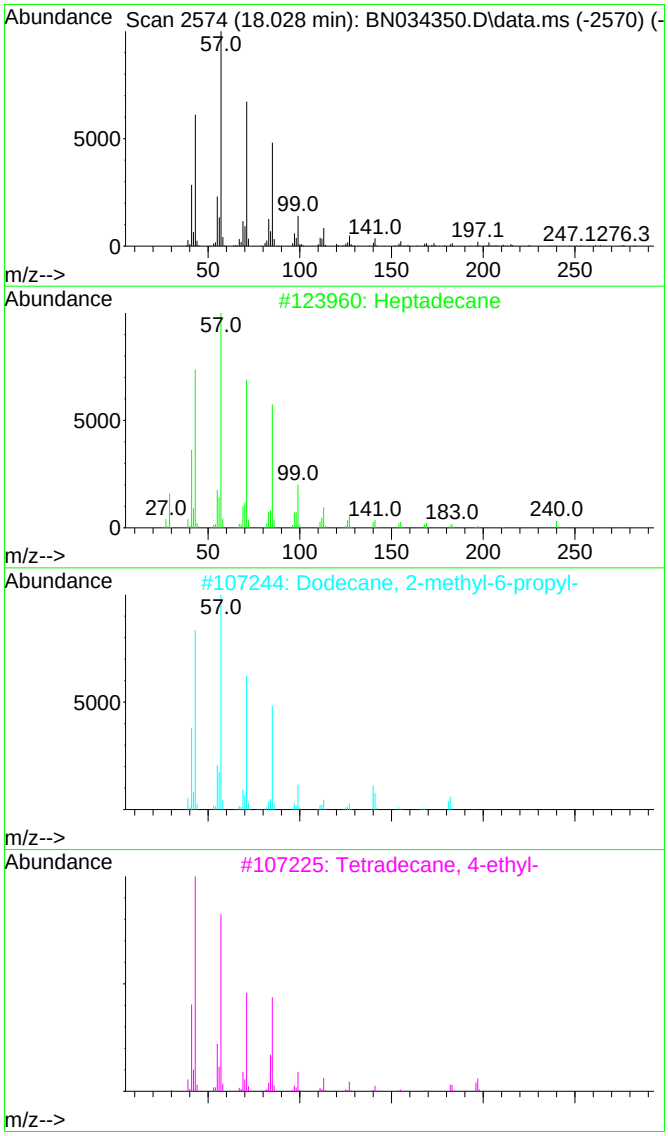
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

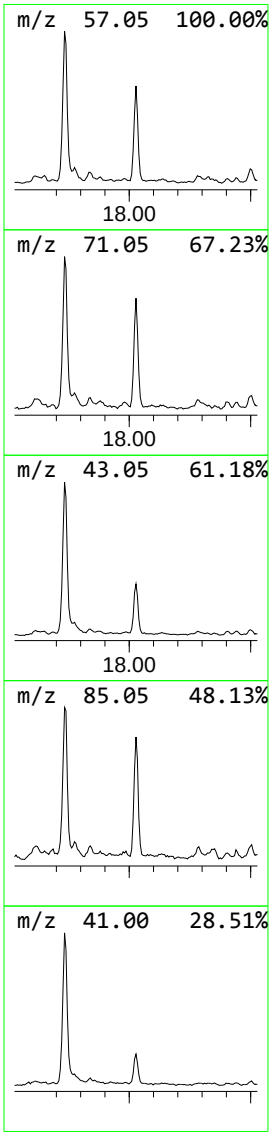
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.028 | 2.64 ng/ul | 425998 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 94 |
| 3 | Tetradecane, 4-ethyl- | 226 | C16H34 | 055045-14-2 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

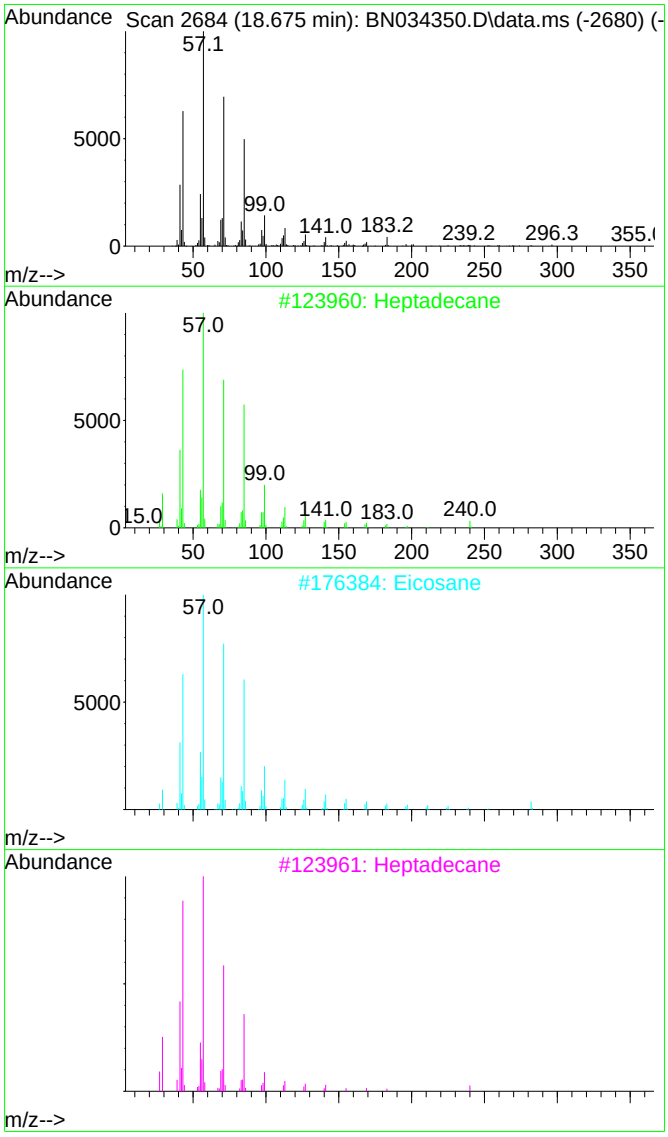
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

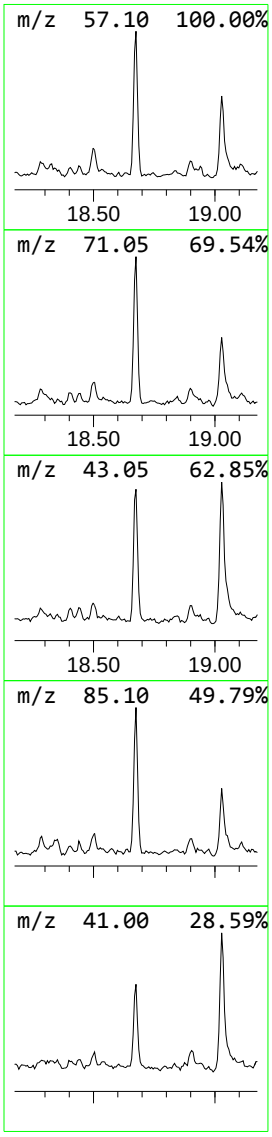
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.675 | 2.41 ng/ul | 388293 | Phenanthrene-d10 | 16.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 97 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 96 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 95 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 94 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

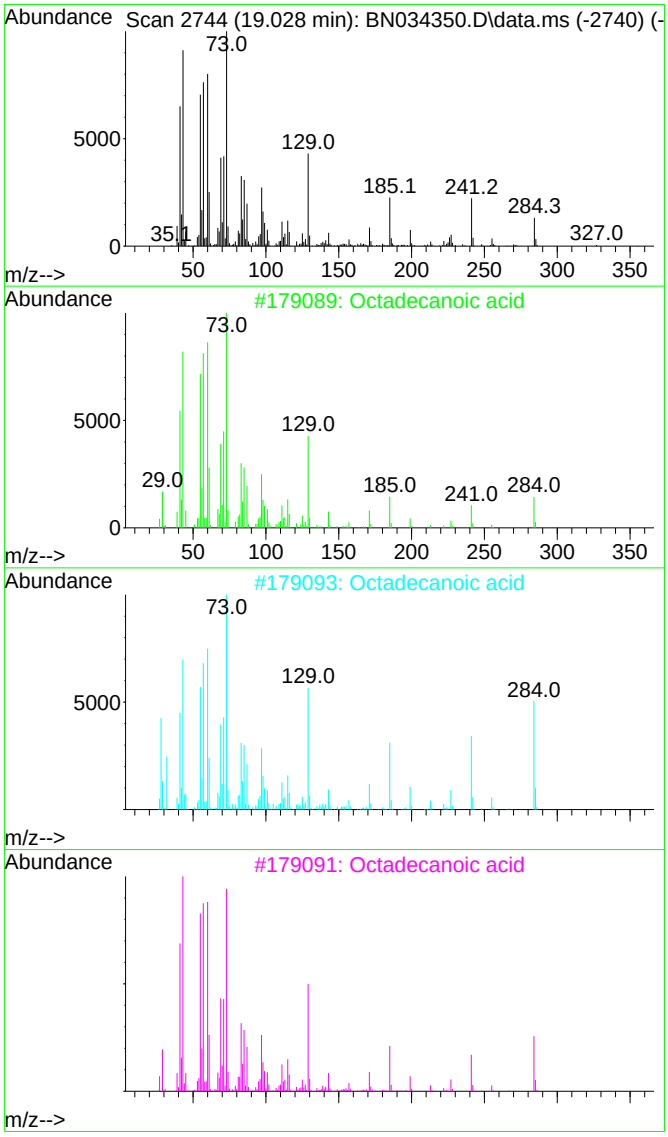
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

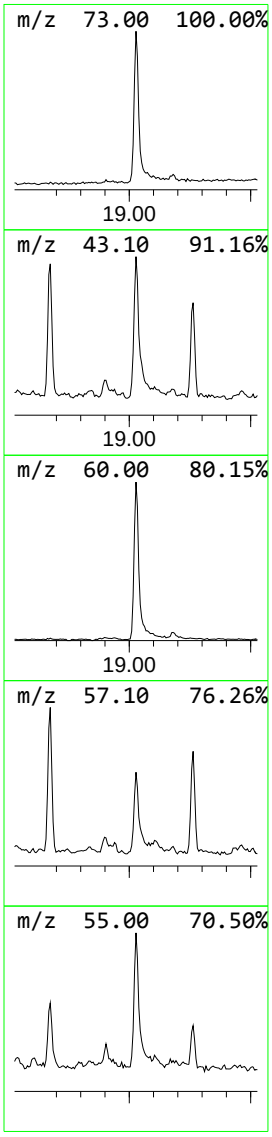
**********

Peak Number 54 Octadecanoic acid Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.028 | 3.97 ng/ul | 736383 | Chrysene-d12 | 21.028 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

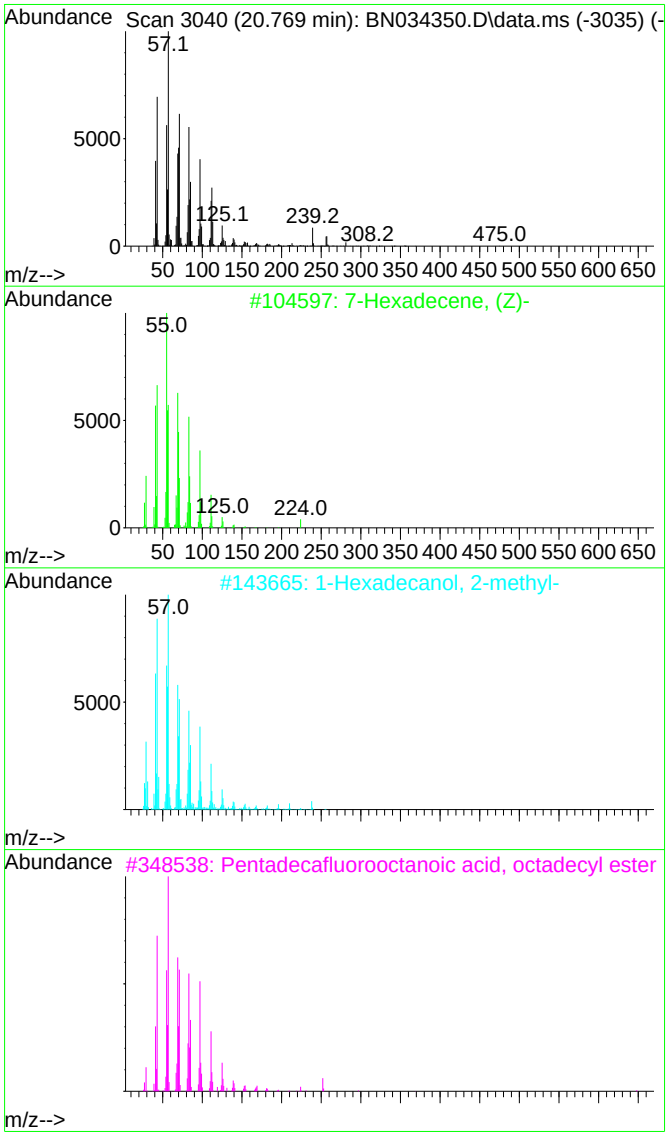
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

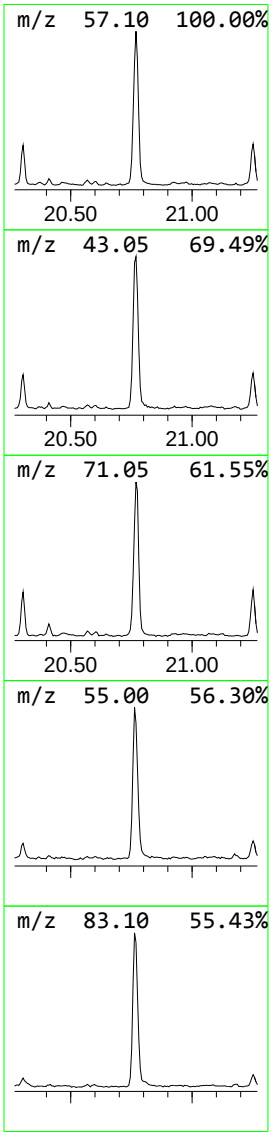
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.769 | 10.08 ng/ul | 1867670 | Chrysene-d12 | 21.028 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Hexadecene, (Z)- | 224 | C16H32 | 035507-09-6 | 91 |
| 2 | 1-Hexadecanol, 2-methyl- | 256 | C17H36O | 002490-48-4 | 86 |
| 3 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 81 |
| 4 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 74 |
| 5 | 1-Hexadecanesulfonyl chloride | 324 | C16H33ClO2S | 038775-38-1 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

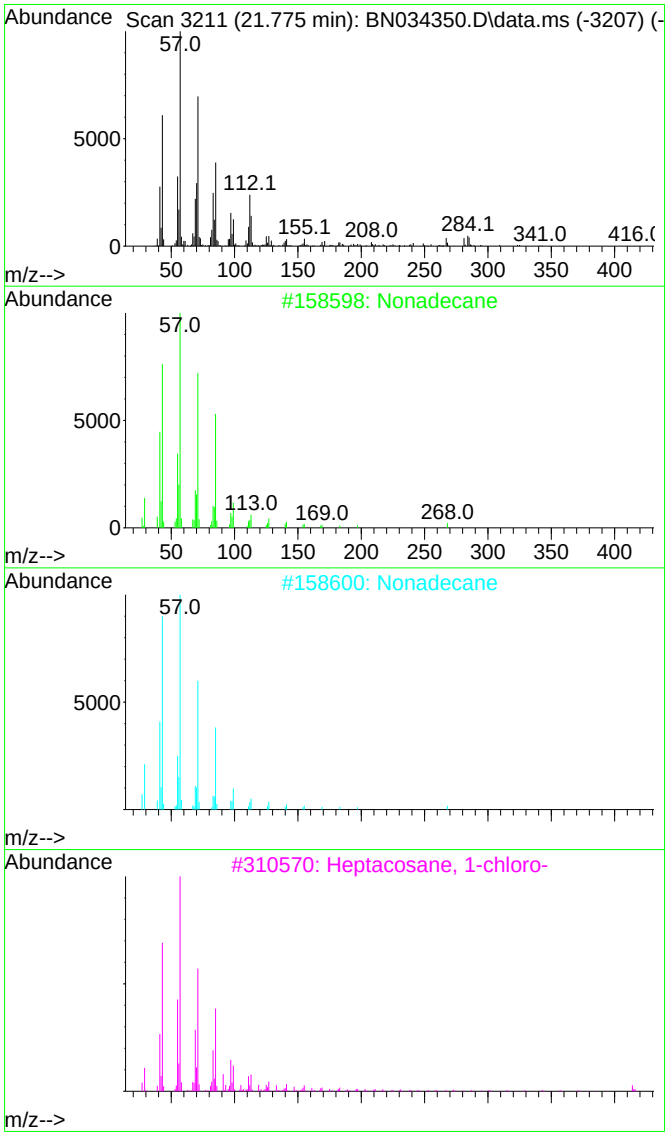
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

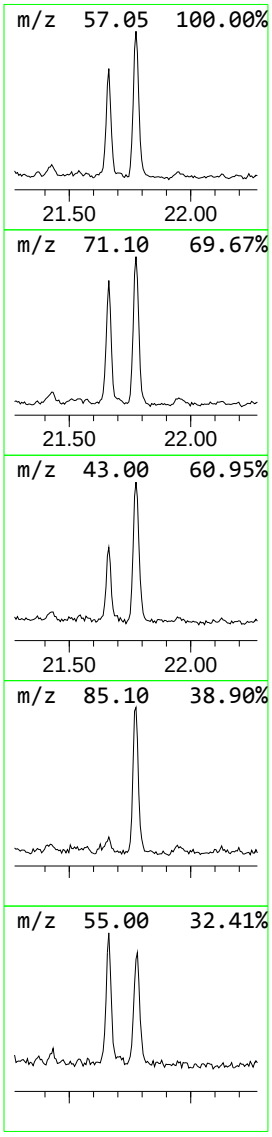
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.775 | 2.56 ng/ul | 474411 | Chrysene-d12 | 21.028 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 95 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 78 |
| 3 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 74 |
| 4 | Sulfurous acid, butyl heptadecyl... | 376 | C21H44O3S | 1000309-18-4 | 74 |
| 5 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034350.D
Acq On : 03 Oct 2024 00:48
Operator : RC/JU
Sample : P4017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.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 |
| Butanoic acid | 3.646 | 6.2 | ng/ul | 529199 | 1 | 7.387 | 1713180 | 20.0 |
| 2-Pentanone, 4-... | 4.581 | 9.9 | ng/ul | 851274 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 5.452 | 7.1 | ng/ul | 605652 | 1 | 7.387 | 1713180 | 20.0 |
| Hexylene glycol | 5.764 | 6.5 | ng/ul | 559213 | 1 | 7.387 | 1713180 | 20.0 |
| 2-Methyl-1-hexanol | 5.928 | 3.8 | ng/ul | 329332 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 5.981 | 2.5 | ng/ul | 209816 | 1 | 7.387 | 1713180 | 20.0 |
| Cyclohexanone, ... | 6.046 | 3.0 | ng/ul | 256108 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 6.311 | 2.3 | ng/ul | 195510 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 6.405 | 3.7 | ng/ul | 316551 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 6.464 | 4.8 | ng/ul | 407560 | 1 | 7.387 | 1713180 | 20.0 |
| Mesitylene | 6.493 | 2.4 | ng/ul | 207317 | 1 | 7.387 | 1713180 | 20.0 |
| 2-Heptanone, 4,... | 6.840 | 4.1 | ng/ul | 350047 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 7.028 | 26.3 | ng/ul | 2255460 | 1 | 7.387 | 1713180 | 20.0 |
| 1-Hexanol, 2-et... | 7.464 | 25.7 | ng/ul | 2201060 | 1 | 7.387 | 1713180 | 20.0 |
| unknown-01 | 7.628 | 12.7 | ng/ul | 1083950 | 1 | 7.387 | 1713180 | 20.0 |
| Cyclohexanone, ... | 7.816 | 4.9 | ng/ul | 422710 | 1 | 7.387 | 1713180 | 20.0 |
| Benzene, 1,3-di... | 7.869 | 2.6 | ng/ul | 219342 | 1 | 7.387 | 1713180 | 20.0 |
| Benzene, 1-meth... | 7.922 | 5.2 | ng/ul | 443716 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 7.981 | 3.7 | ng/ul | 316731 | 1 | 7.387 | 1713180 | 20.0 |
| Benzene, 2-ethy... | 8.022 | 4.2 | ng/ul | 355957 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 8.152 | 4.3 | ng/ul | 366134 | 1 | 7.387 | 1713180 | 20.0 |
| Benzene, 1-meth... | 8.181 | 3.3 | ng/ul | 278917 | 1 | 7.387 | 1713180 | 20.0 |
| o-Cymene | 8.475 | 4.0 | ng/ul | 338236 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 8.611 | 17.3 | ng/ul | 1478720 | 1 | 7.387 | 1713180 | 20.0 |
| Hexanoic acid, ... | 8.693 | 2.6 | ng/ul | 221931 | 1 | 7.387 | 1713180 | 20.0 |
| unknown-02 | 8.722 | 3.0 | ng/ul | 261310 | 1 | 7.387 | 1713180 | 20.0 |
| (DEL) Alkane: S... | 8.958 | 2.1 | ng/ul | 308608 | 2 | 10.140 | 2970770 | 20.0 |
| unknown-03 | 9.675 | 5.5 | ng/ul | 819889 | 2 | 10.140 | 2970770 | 20.0 |
| unknown-04 | 10.046 | 5.8 | ng/ul | 860472 | 2 | 10.140 | 2970770 | 20.0 |
| Cyclohexanol, 1... | 11.193 | 2.5 | ng/ul | 377640 | 2 | 10.140 | 2970770 | 20.0 |
| (DEL) Alkane: S... | 11.599 | 3.5 | ng/ul | 520904 | 2 | 10.140 | 2970770 | 20.0 |
| (DEL) Alkane: S... | 12.881 | 3.9 | ng/ul | 527113 | 3 | 14.040 | 2693940 | 20.0 |
| Naphthalene, 2,... | 13.352 | 2.4 | ng/ul | 328942 | 3 | 14.040 | 2693940 | 20.0 |
| Naphthalene, 1,... | 13.404 | 2.4 | ng/ul | 325441 | 3 | 14.040 | 2693940 | 20.0 |
| Sulfurous acid,... | 13.975 | 12.6 | ng/ul | 1700840 | 3 | 14.040 | 2693940 | 20.0 |
| (DEL) Alkane: C... | 14.152 | 5.0 | ng/ul | 670036 | 3 | 14.040 | 2693940 | 20.0 |
| unknown-05 | 14.387 | 3.6 | ng/ul | 479137 | 3 | 14.040 | 2693940 | 20.0 |
| Phenol, 2,3,5,6... | 14.599 | 2.8 | ng/ul | 369890 | 3 | 14.040 | 2693940 | 20.0 |
| Naphthalene, 2,... | 14.816 | 3.2 | ng/ul | 434324 | 3 | 14.040 | 2693940 | 20.0 |
| (DEL) Alkane: S... | 14.934 | 5.5 | ng/ul | 747651 | 3 | 14.040 | 2693940 | 20.0 |
| (DEL) Alkane: S... | 15.345 | 3.2 | ng/ul | 428188 | 3 | 14.040 | 2693940 | 20.0 |
| Benzophenone | 15.422 | 6.1 | ng/ul | 989754 | 4 | 16.798 | 3222590 | 20.0 |
| (DEL) Alkane: S... | 15.804 | 4.5 | ng/ul | 732376 | 4 | 16.798 | 3222590 | 20.0 |
| unknown-06 | 15.887 | 8.4 | ng/ul | 1359050 | 4 | 16.798 | 3222590 | 20.0 |
| (DEL) Alkane: S... | 16.598 | 3.7 | ng/ul | 590441 | 4 | 16.798 | 3222590 | 20.0 |
| (DEL) Alkane: S... | 16.645 | 2.3 | ng/ul | 365004 | 4 | 16.798 | 3222590 | 20.0 |
| Tridecane, 1-iodo- | 17.334 | 3.3 | ng/ul | 530135 | 4 | 16.798 | 3222590 | 20.0 |
| n-Hexadecanoic ... | 17.734 | 16.1 | ng/ul | 2588900 | 4 | 16.798 | 3222590 | 20.0 |
| (DEL) Alkane: S... | 18.028 | 2.6 | ng/ul | 425998 | 4 | 16.798 | 3222590 | 20.0 |
| (DEL) Alkane: S... | 18.675 | 2.4 | ng/ul | 388293 | 4 | 16.798 | 3222590 | 20.0 |
| Octadecanoic acid | 19.028 | 4.0 | ng/ul | 736383 | 5 | 21.028 | 3705220 | 20.0 |
| (DEL) Alkane: S... | 20.769 | 10.1 | ng/ul | 1867670 | 5 | 21.028 | 3705220 | 20.0 |

(DEL) Alkane: S... 21.775 2.6 ng/ul 474411 5 21.028 3705220 20.0

**Instrument :**
BNA_N
**ClientSampleId :**
DDC40