LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DCVX0DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM047029.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.463 | 432 | 438 | 446 | rVB2 | 163027 | 229525 | 2.83% | 0.658% |
| 2 | 5.775 | 487 | 491 | 497 | rVV | 59877 | 99110 | 1.22% | 0.284% |
| 3 | 5.993 | 523 | 528 | 532 | rVV | 49003 | 69663 | 0.86% | 0.200% |
| 4 | 6.063 | 532 | 540 | 543 | rVV3 | 41701 | 88899 | 1.10% | 0.255% |
| 5 | 6.416 | 597 | 600 | 604 | rVV | 67818 | 95124 | 1.17% | 0.273% |
| 6 | 6.475 | 604 | 610 | 613 | rVV | 78572 | 126382 | 1.56% | 0.362% |
| 7 | 6.504 | 613 | 615 | 620 | rVV | 82114 | 111148 | 1.37% | 0.318% |
| 8 | 6.575 | 620 | 627 | 634 | rVV3 | 101066 | 244467 | 3.02% | 0.700% |
| 9 | 6.640 | 634 | 638 | 642 | rVV | 65222 | 94639 | 1.17% | 0.271% |
| 10 | 6.693 | 642 | 647 | 652 | rVV | 47648 | 68342 | 0.84% | 0.196% |
| 11 | 6.798 | 660 | 665 | 669 | rVV2 | 74297 | 120496 | 1.49% | 0.345% |
| 12 | 6.851 | 669 | 674 | 678 | rVV2 | 56289 | 104013 | 1.28% | 0.298% |
| 13 | 6.940 | 685 | 689 | 701 | rVV7 | 36632 | 98614 | 1.22% | 0.283% |
| 14 | 7.040 | 701 | 706 | 716 | rVV2 | 489389 | 806041 | 9.95% | 2.309% |
| 15 | 7.398 | 758 | 767 | 772 | rBV | 638752 | 1027268 | 12.69% | 2.943% |
| 16 | 7.475 | 776 | 780 | 785 | rBV | 149100 | 246815 | 3.05% | 0.707% |
| 17 | 7.628 | 802 | 806 | 811 | rVV | 252523 | 355105 | 4.39% | 1.017% |
| 18 | 7.828 | 835 | 840 | 845 | rBV2 | 55411 | 89574 | 1.11% | 0.257% |
| 19 | 7.887 | 845 | 850 | 854 | rVV3 | 46545 | 81302 | 1.00% | 0.233% |
| 20 | 7.934 | 854 | 858 | 864 | rVB3 | 104163 | 175595 | 2.17% | 0.503% |
| 21 | 7.992 | 864 | 868 | 871 | rBV | 59789 | 80120 | 0.99% | 0.230% |
| 22 | 8.034 | 871 | 875 | 877 | rVV2 | 89129 | 128306 | 1.58% | 0.368% |
| 23 | 8.063 | 877 | 880 | 887 | rVV | 93044 | 146420 | 1.81% | 0.420% |
| 24 | 8.163 | 893 | 897 | 900 | rVV | 73666 | 117693 | 1.45% | 0.337% |
| 25 | 8.192 | 900 | 902 | 909 | rVB2 | 56693 | 92536 | 1.14% | 0.265% |
| 26 | 8.339 | 922 | 927 | 932 | rBV | 48080 | 76271 | 0.94% | 0.219% |
| 27 | 8.392 | 932 | 936 | 943 | rVB | 53783 | 79782 | 0.99% | 0.229% |
| 28 | 8.492 | 944 | 953 | 957 | rBV2 | 70192 | 145714 | 1.80% | 0.417% |
| 29 | 8.622 | 970 | 975 | 982 | rVB | 425276 | 637275 | 7.87% | 1.826% |
| 30 | 8.710 | 983 | 990 | 1001 | rBV4 | 121204 | 325130 | 4.02% | 0.932% |
| 31 | 8.822 | 1001 | 1009 | 1013 | rBV3 | 72555 | 127965 | 1.58% | 0.367% |
| 32 | 9.251 | 1075 | 1082 | 1089 | rBV6 | 47690 | 136668 | 1.69% | 0.392% |
| 33 | 9.328 | 1091 | 1095 | 1098 | rVV2 | 46537 | 83238 | 1.03% | 0.238% |
| 34 | 9.363 | 1098 | 1101 | 1109 | rVB4 | 54478 | 109973 | 1.36% | 0.315% |
| 35 | 9.469 | 1109 | 1119 | 1124 | rVB4 | 52195 | 122876 | 1.52% | 0.352% |
| 36 | 9.534 | 1124 | 1130 | 1133 | rBV4 | 42196 | 66770 | 0.82% | 0.191% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.869 | 1182 | 1187 | 1192 | rBV3 | 44836 | 70536 | 0.87% | 0.202% |
| 38 | 10.151 | 1225 | 1235 | 1242 | rBV | 965889 | 1754989 | 21.67% | 5.028% |
| 39 | 10.298 | 1253 | 1260 | 1265 | rBV3 | 127032 | 222827 | 2.75% | 0.638% |
| 40 | 10.551 | 1297 | 1303 | 1315 | rVB | 185730 | 308158 | 3.81% | 0.883% |
| 41 | 10.692 | 1315 | 1327 | 1332 | rBV3 | 47869 | 121216 | 1.50% | 0.347% |
| 42 | 11.210 | 1408 | 1415 | 1419 | rBV2 | 81407 | 163832 | 2.02% | 0.469% |
| 43 | 11.269 | 1419 | 1425 | 1432 | rVB | 186558 | 310579 | 3.84% | 0.890% |
| 44 | 11.445 | 1445 | 1455 | 1461 | rBV | 151675 | 257085 | 3.18% | 0.737% |
| 45 | 11.610 | 1475 | 1483 | 1487 | rBV | 159823 | 297060 | 3.67% | 0.851% |
| 46 | 11.651 | 1487 | 1490 | 1494 | rVV | 129046 | 179677 | 2.22% | 0.515% |
| 47 | 11.710 | 1494 | 1500 | 1505 | rVV8 | 20711 | 66632 | 0.82% | 0.191% |
| 48 | 11.757 | 1505 | 1508 | 1510 | rVV | 51944 | 74940 | 0.93% | 0.215% |
| 49 | 11.786 | 1510 | 1513 | 1517 | rVV4 | 53143 | 107335 | 1.33% | 0.308% |
| 50 | 11.827 | 1517 | 1520 | 1524 | rVV3 | 68457 | 118842 | 1.47% | 0.340% |
| 51 | 11.875 | 1524 | 1528 | 1536 | rVB | 211245 | 313917 | 3.88% | 0.899% |
| 52 | 12.045 | 1550 | 1557 | 1565 | rBV2 | 42250 | 113311 | 1.40% | 0.325% |
| 53 | 12.280 | 1591 | 1597 | 1600 | rBV5 | 44409 | 80360 | 0.99% | 0.230% |
| 54 | 12.457 | 1620 | 1627 | 1635 | rVB4 | 57089 | 112452 | 1.39% | 0.322% |
| 55 | 12.598 | 1646 | 1651 | 1659 | rVB3 | 52725 | 99313 | 1.23% | 0.285% |
| 56 | 12.810 | 1679 | 1687 | 1692 | rVB | 60425 | 105938 | 1.31% | 0.304% |
| 57 | 12.892 | 1692 | 1701 | 1711 | rBV | 186223 | 324346 | 4.01% | 0.929% |
| 58 | 13.022 | 1719 | 1723 | 1727 | rBV2 | 51585 | 78791 | 0.97% | 0.226% |
| 59 | 13.333 | 1771 | 1776 | 1779 | rBV2 | 118490 | 174114 | 2.15% | 0.499% |
| 60 | 13.369 | 1779 | 1782 | 1786 | rVV2 | 54112 | 78356 | 0.97% | 0.224% |
| 61 | 13.422 | 1786 | 1791 | 1796 | rVV8 | 74845 | 138712 | 1.71% | 0.397% |
| 62 | 13.480 | 1796 | 1801 | 1805 | rVB | 64089 | 107842 | 1.33% | 0.309% |
| 63 | 13.569 | 1805 | 1816 | 1820 | rBV4 | 68486 | 180572 | 2.23% | 0.517% |
| 64 | 13.604 | 1820 | 1822 | 1830 | rVB4 | 46444 | 69426 | 0.86% | 0.199% |
| 65 | 13.704 | 1832 | 1839 | 1842 | rBV4 | 103675 | 169330 | 2.09% | 0.485% |
| 66 | 13.739 | 1842 | 1845 | 1849 | rVB | 74236 | 99965 | 1.23% | 0.286% |
| 67 | 13.986 | 1883 | 1887 | 1892 | rVB | 548346 | 670469 | 8.28% | 1.921% |
| 68 | 14.051 | 1892 | 1898 | 1907 | rBV | 1195101 | 1760802 | 21.75% | 5.045% |
| 69 | 14.157 | 1911 | 1916 | 1920 | rVB3 | 86258 | 123088 | 1.52% | 0.353% |
| 70 | 14.210 | 1920 | 1925 | 1930 | rVB | 287916 | 386478 | 4.77% | 1.107% |
| 71 | 14.292 | 1934 | 1939 | 1943 | rVV5 | 34411 | 70356 | 0.87% | 0.202% |
| 72 | 14.451 | 1960 | 1966 | 1971 | rVB6 | 75725 | 145771 | 1.80% | 0.418% |
| 73 | 14.610 | 1990 | 1993 | 1997 | rBV | 67241 | 85768 | 1.06% | 0.246% |
| 74 | 14.651 | 1997 | 2000 | 2002 | rVV2 | 58026 | 73501 | 0.91% | 0.211% |
| 75 | 14.692 | 2002 | 2007 | 2012 | rVV | 406802 | 617096 | 7.62% | 1.768% |
| 76 | 14.733 | 2012 | 2014 | 2018 | rVV3 | 43551 | 69342 | 0.86% | 0.199% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.774 | 2018 | 2021 | 2026 | rVB | 83859 | 107250 | 1.32% | 0.307% |
| 78 | 14.833 | 2026 | 2031 | 2037 | rBV | 279006 | 425973 | 5.26% | 1.220% |
| 79 | 14.951 | 2043 | 2051 | 2056 | rBV | 206403 | 301405 | 3.72% | 0.864% |
| 80 | 15.057 | 2065 | 2069 | 2073 | rVV | 76833 | 96938 | 1.20% | 0.278% |
| 81 | 15.180 | 2083 | 2090 | 2096 | rBV | 63038 | 114142 | 1.41% | 0.327% |
| 82 | 15.357 | 2113 | 2120 | 2124 | rBV | 57644 | 106066 | 1.31% | 0.304% |
| 83 | 15.445 | 2131 | 2135 | 2142 | rVB7 | 36030 | 67298 | 0.83% | 0.193% |
| 84 | 15.715 | 2173 | 2181 | 2186 | rBV2 | 155460 | 250025 | 3.09% | 0.716% |
| 85 | 15.815 | 2193 | 2198 | 2201 | rBV2 | 199821 | 287737 | 3.55% | 0.824% |
| 86 | 16.145 | 2250 | 2254 | 2263 | rVV9 | 44508 | 90256 | 1.11% | 0.259% |
| 87 | 16.468 | 2303 | 2309 | 2322 | rBV | 6022582 | 8097055 | 100.00% | 23.199% |
| 88 | 16.610 | 2329 | 2333 | 2338 | rBV | 157508 | 206066 | 2.54% | 0.590% |
| 89 | 16.668 | 2339 | 2343 | 2351 | rVB3 | 75248 | 131478 | 1.62% | 0.377% |
| 90 | 16.810 | 2361 | 2367 | 2378 | rBV | 1503936 | 2148885 | 26.54% | 6.157% |
| 91 | 16.910 | 2378 | 2384 | 2391 | rVV | 78758 | 157931 | 1.95% | 0.452% |
| 92 | 16.974 | 2391 | 2395 | 2401 | rVB5 | 53533 | 73220 | 0.90% | 0.210% |
| 93 | 17.351 | 2452 | 2459 | 2463 | rVV | 131369 | 181710 | 2.24% | 0.521% |
| 94 | 17.527 | 2485 | 2489 | 2496 | rVB3 | 60155 | 93111 | 1.15% | 0.267% |
| 95 | 18.045 | 2573 | 2577 | 2581 | rVB | 89337 | 107060 | 1.32% | 0.307% |
| 96 | 18.692 | 2683 | 2687 | 2694 | rVB3 | 71804 | 154179 | 1.90% | 0.442% |
| 97 | 19.221 | 2773 | 2777 | 2782 | rVB | 80100 | 101239 | 1.25% | 0.290% |
| 98 | 19.815 | 2875 | 2878 | 2883 | rBV3 | 52593 | 66434 | 0.82% | 0.190% |
| 99 | 21.045 | 3082 | 3087 | 3095 | rBV | 1624198 | 2171228 | 26.82% | 6.221% |
| 100 | 23.750 | 3540 | 3547 | 3558 | rVB | 1076263 | 2254219 | 27.84% | 6.459% |

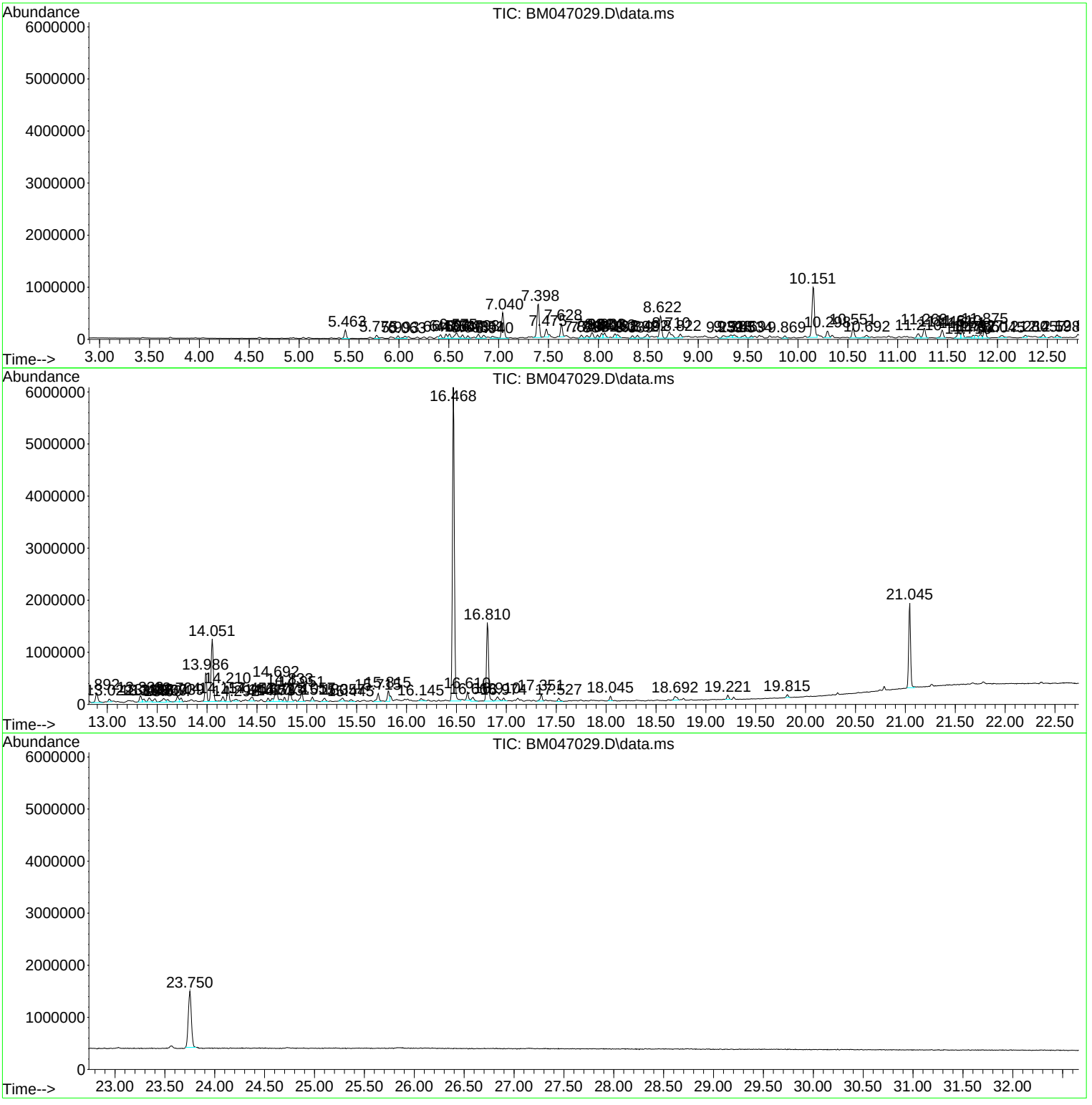
Sum of corrected areas: 34902888

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

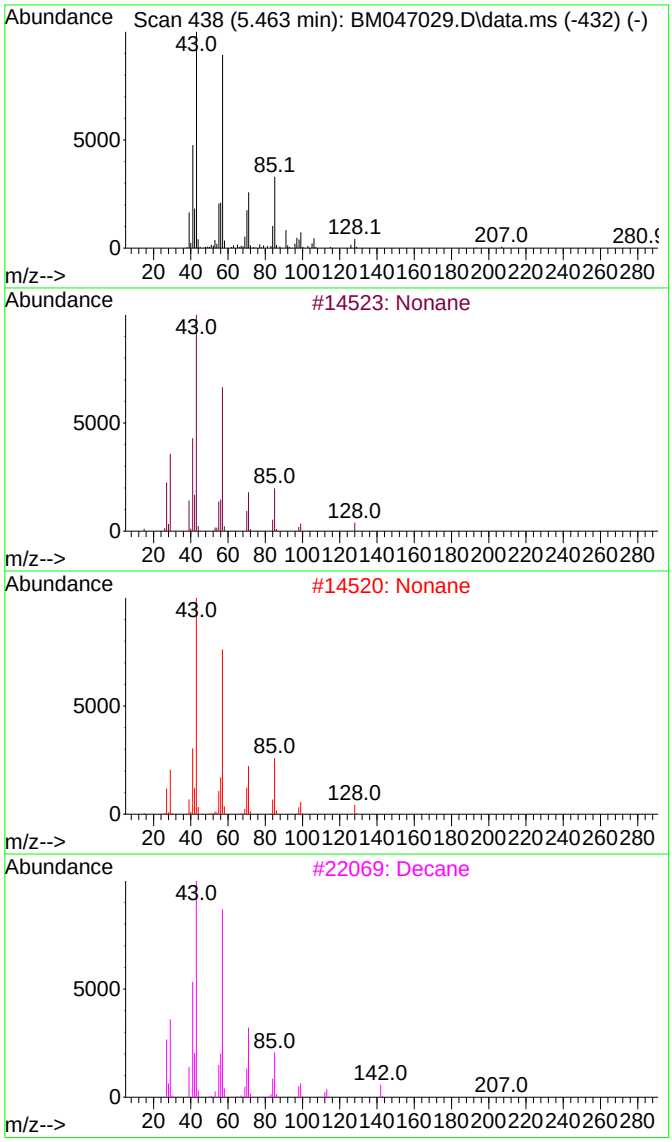
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

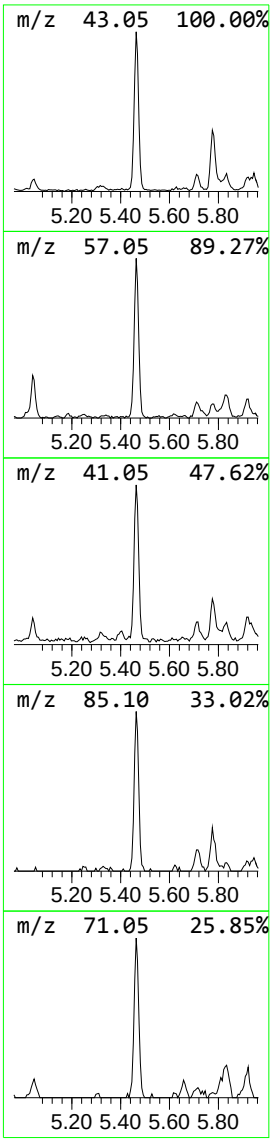
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.463 | 4.47 ng/ul | 229525 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 93 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 59 |
| 4 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 53 |
| 5 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

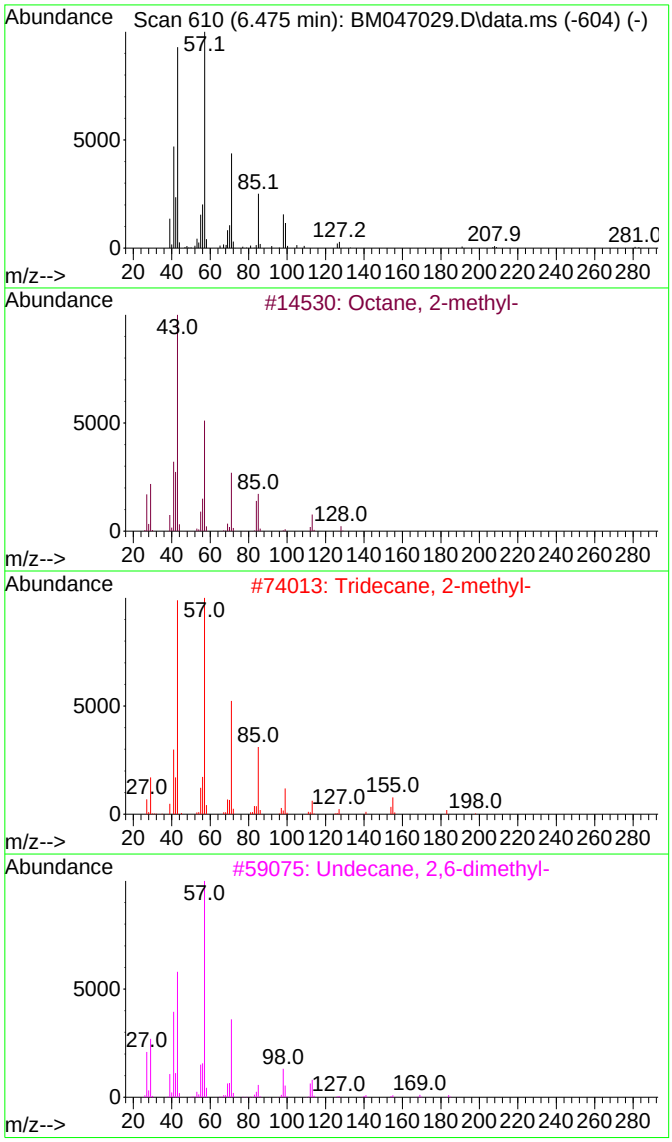
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

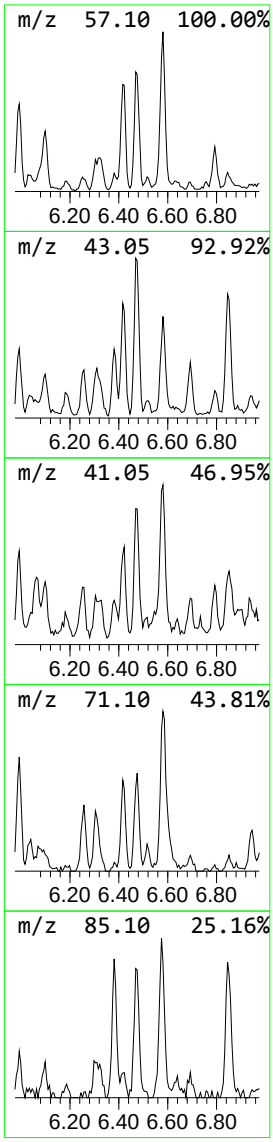
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.475 | 2.46 ng/ul | 126382 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 72 |
| 2 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 64 |
| 3 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 53 |
| 4 | Undecane, 5-ethyl- | 184 | C13H28 | 017453-94-0 | 53 |
| 5 | Undecane, 5,7-dimethyl- | 184 | C13H28 | 017312-83-3 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

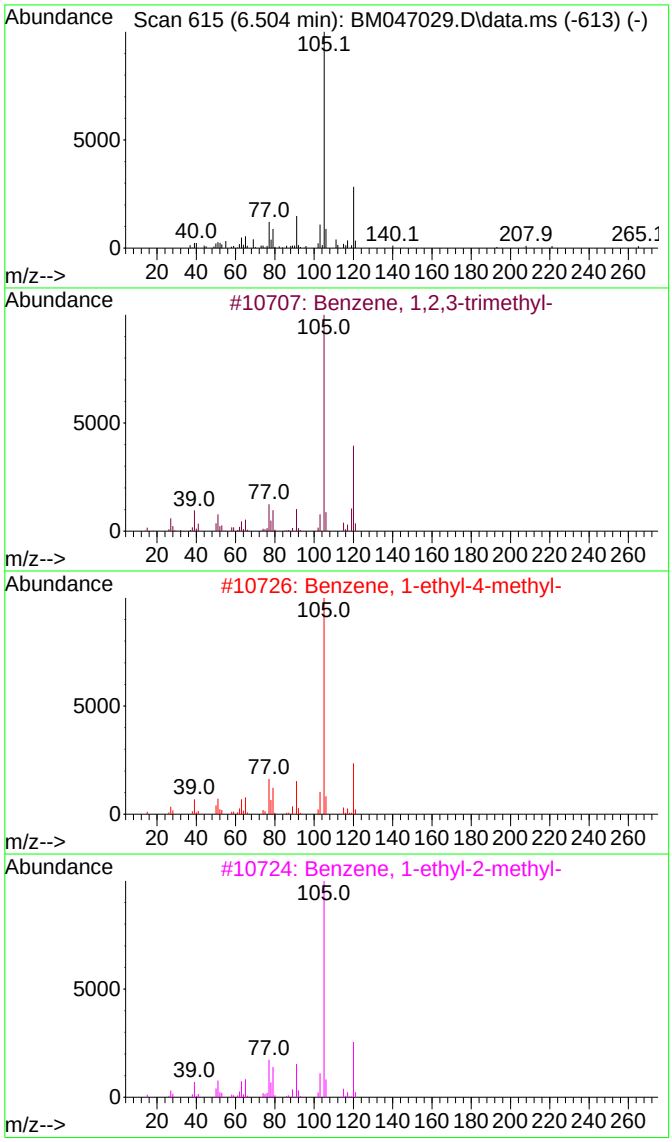
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

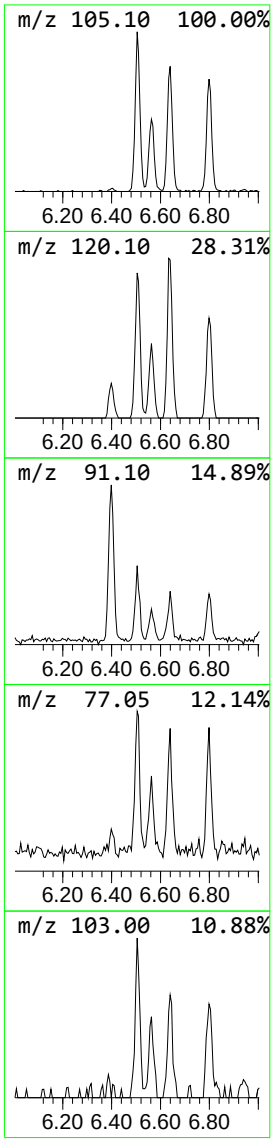
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.504 | 2.16 ng/ul | 111148 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 90 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

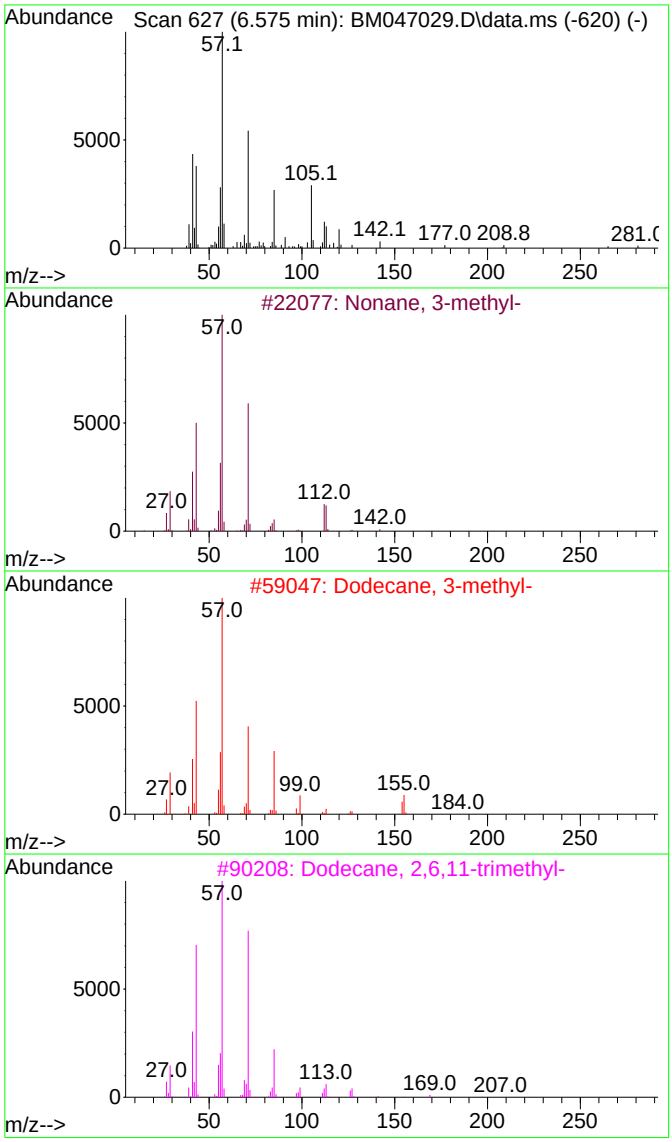
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

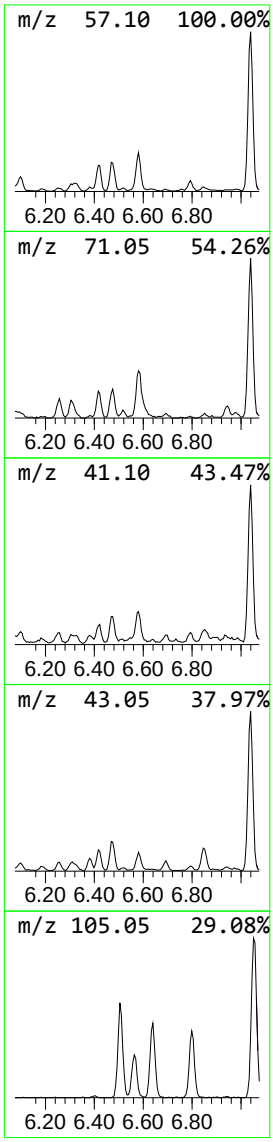
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.575 | 4.76 ng/ul | 244467 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 50 |
| 2 | Dodecane, 3-methyl- | 184 | C13H28 | 017312-57-1 | 50 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 50 |
| 4 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 50 |
| 5 | Carbonic acid, dodecyl 2-ethylhe... | 342 | C21H42O3 | 1000383-13-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

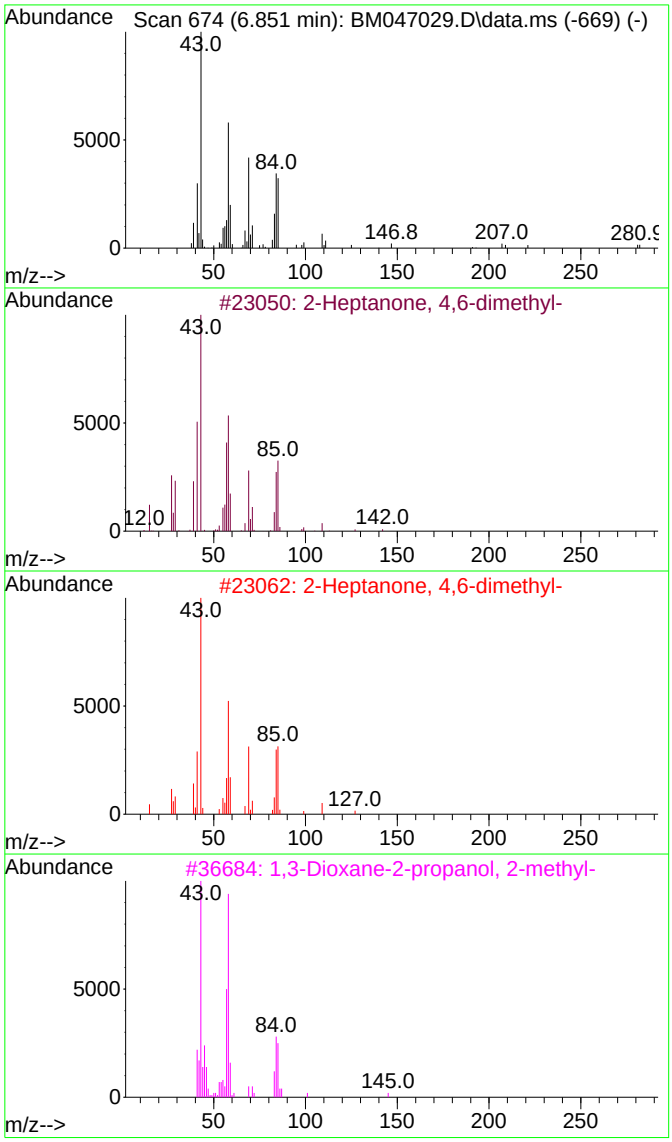
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

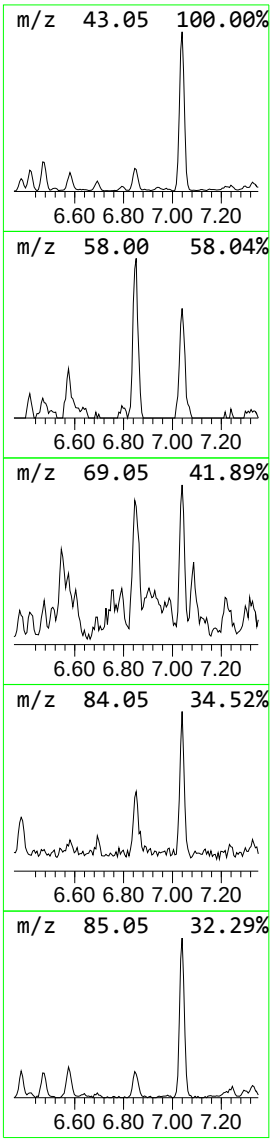
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 2-Heptanone, 4,6-dimethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.851 | 2.03 ng/ul | 104013 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Heptanone, 4,6-dimethyl- | 142 | C9H18O | 019549-80-5 | 78 |
| 2 | 2-Heptanone, 4,6-dimethyl- | 142 | C9H18O | 019549-80-5 | 59 |
| 3 | 1,3-Dioxane-2-propanol, 2-methyl- | 160 | C8H16O3 | 036651-31-7 | 53 |
| 4 | 2-Hexanone, 4-methyl- | 114 | C7H14O | 000105-42-0 | 47 |
| 5 | 2-Hexanone, 4-methyl- | 114 | C7H14O | 000105-42-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

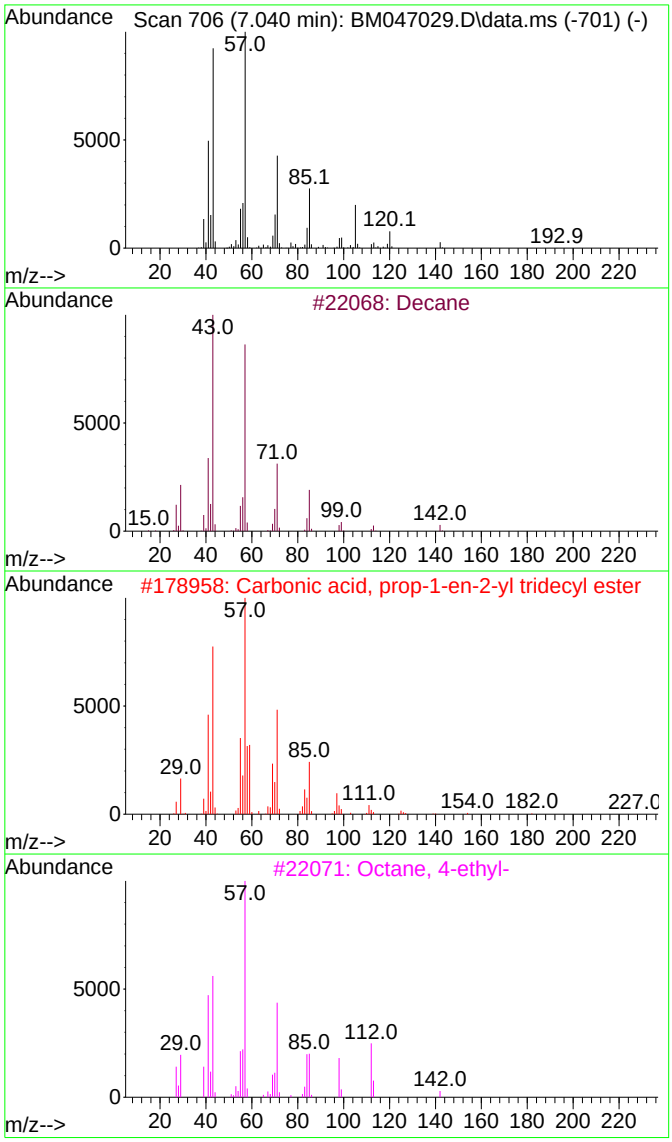
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

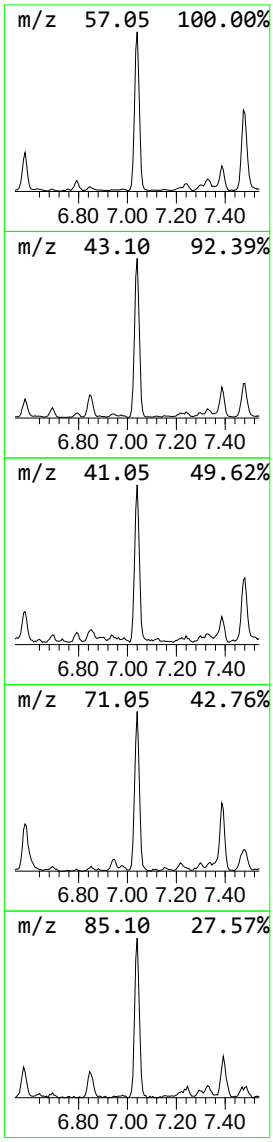
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.040 | 15.69 ng/ul | 806041 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 90 |
| 2 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 72 |
| 3 | Octane, 4-ethyl- | 142 | C10H22 | 015869-86-0 | 68 |
| 4 | Decane | 142 | C10H22 | 000124-18-5 | 64 |
| 5 | Decane, 3,6-dimethyl- | 170 | C12H26 | 017312-53-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

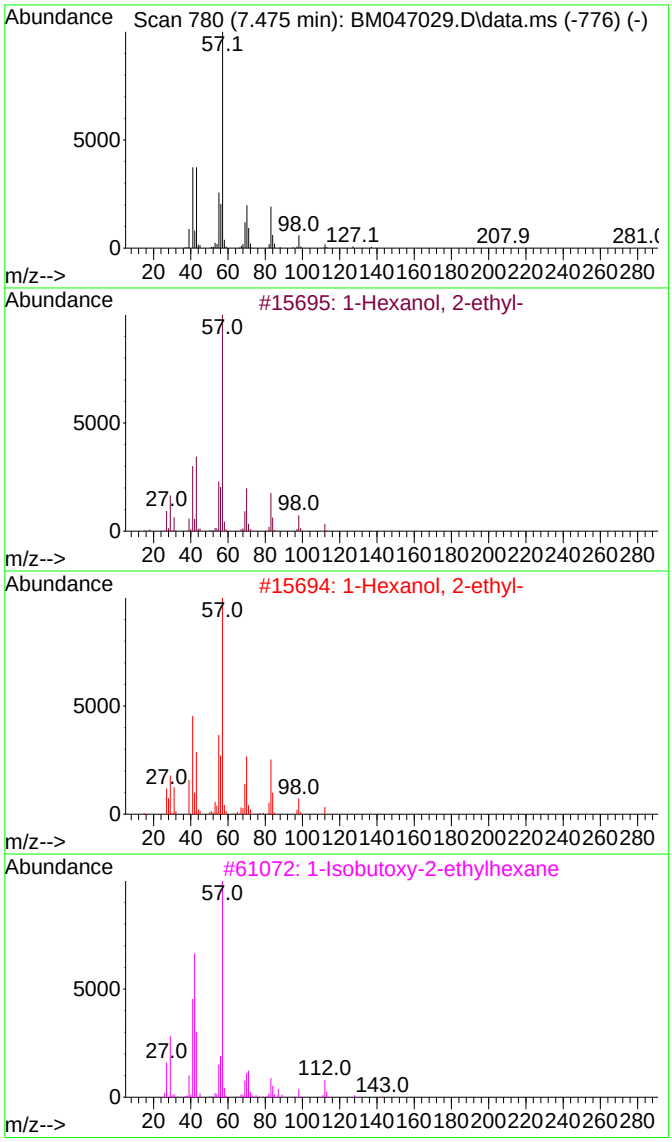
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

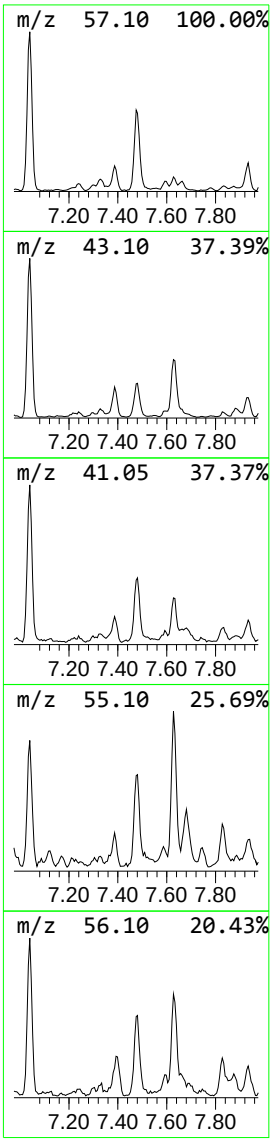
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.475 | 4.81 ng/ul | 246815 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 2 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 72 |
| 3 | 1-Isobutoxy-2-ethylhexane | 186 | C12H26O | 1000139-90-3 | 72 |
| 4 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 64 |
| 5 | 2-Propyl-1-pentanol, pentafluoro... | 276 | C11H17F5O2 | 1000365-51-2 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

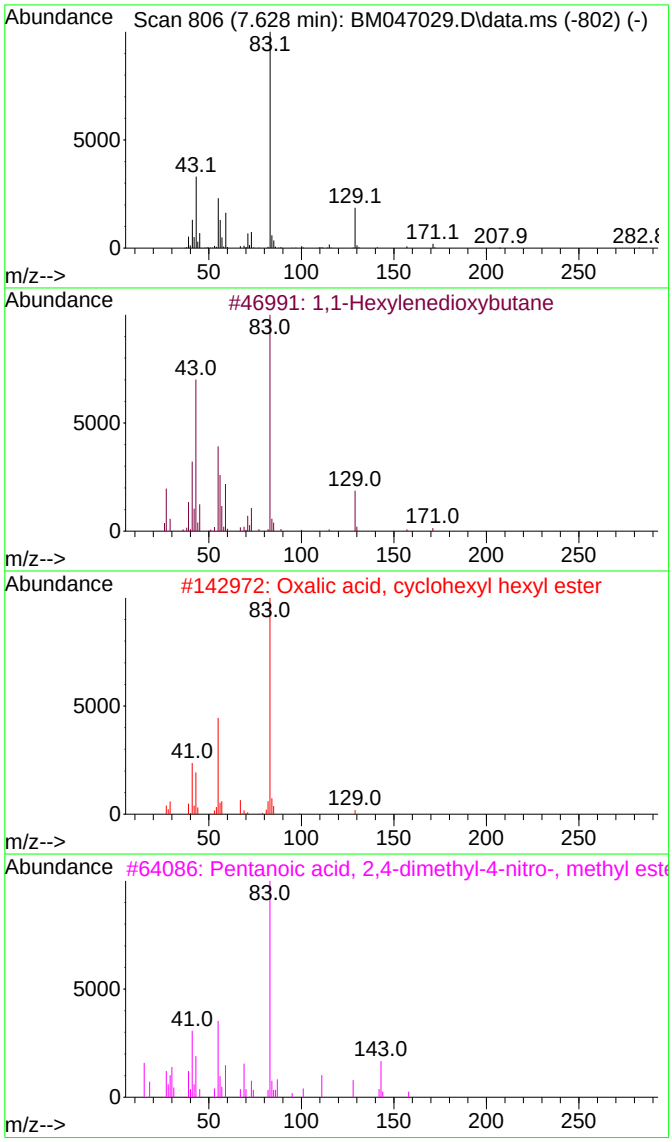
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

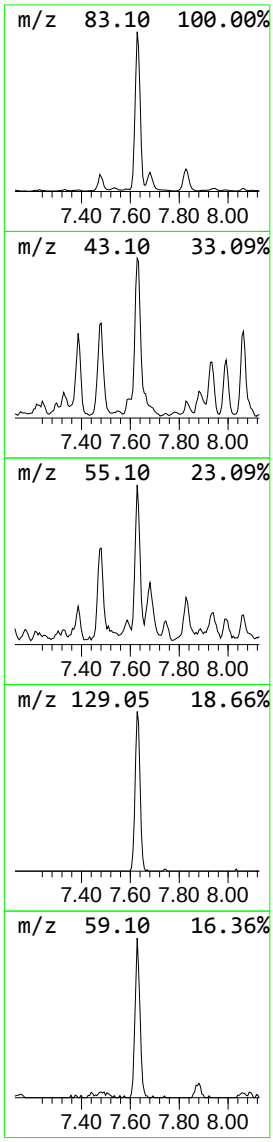
**********

Peak Number 8 unknown-01 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.628 | 6.91 ng/ul | 355105 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1-Hexylenedioxybutane | 172 | C10H20O2 | 1000249-77-4 | 47 |
| 2 | Oxalic acid, cyclohexyl hexyl ester | 256 | C14H24O4 | 1000309-30-8 | 42 |
| 3 | Pentanoic acid, 2,4-dimethyl-4-n... | 189 | C8H15NO4 | 005762-40-3 | 39 |
| 4 | 5-Cyano-1,2,3-thiadiazole | 111 | C3HN3S | 057352-02-0 | 38 |
| 5 | Oxalic acid, cyclohexyl undecyl ... | 326 | C19H34O4 | 1000309-31-3 | 36 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

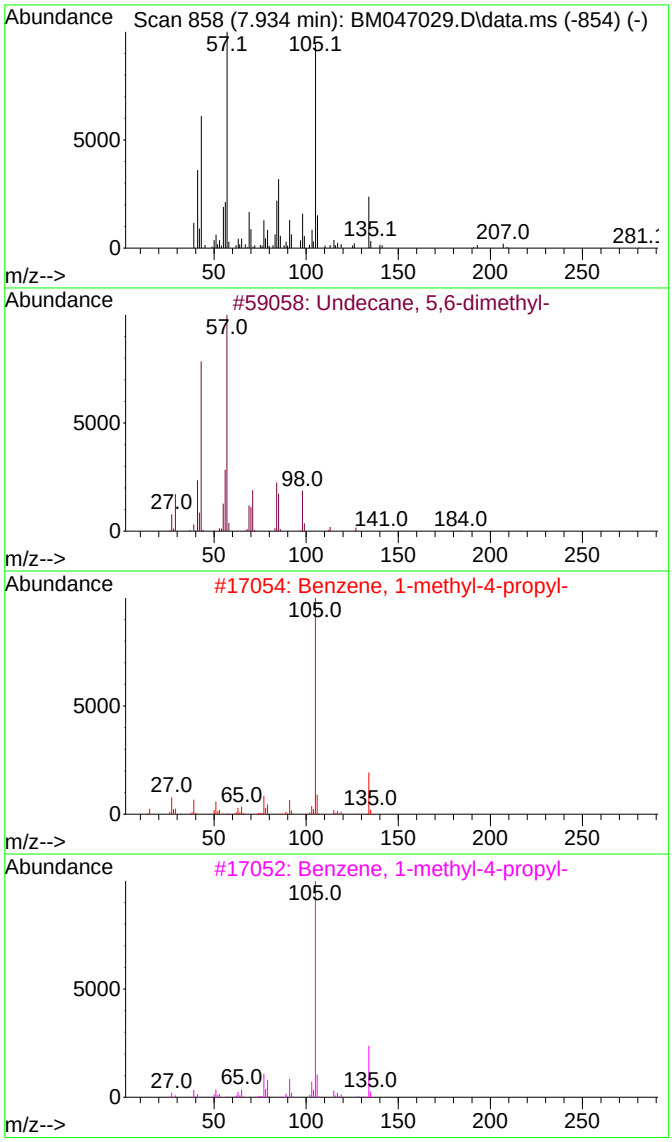
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

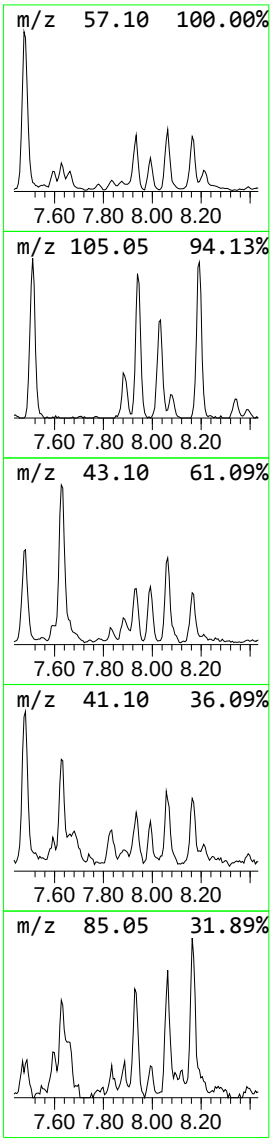
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.934 | 3.42 ng/ul | 175595 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 5,6-dimethyl- | 184 | C13H28 | 017615-91-7 | 43 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 38 |
| 3 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 38 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 38 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

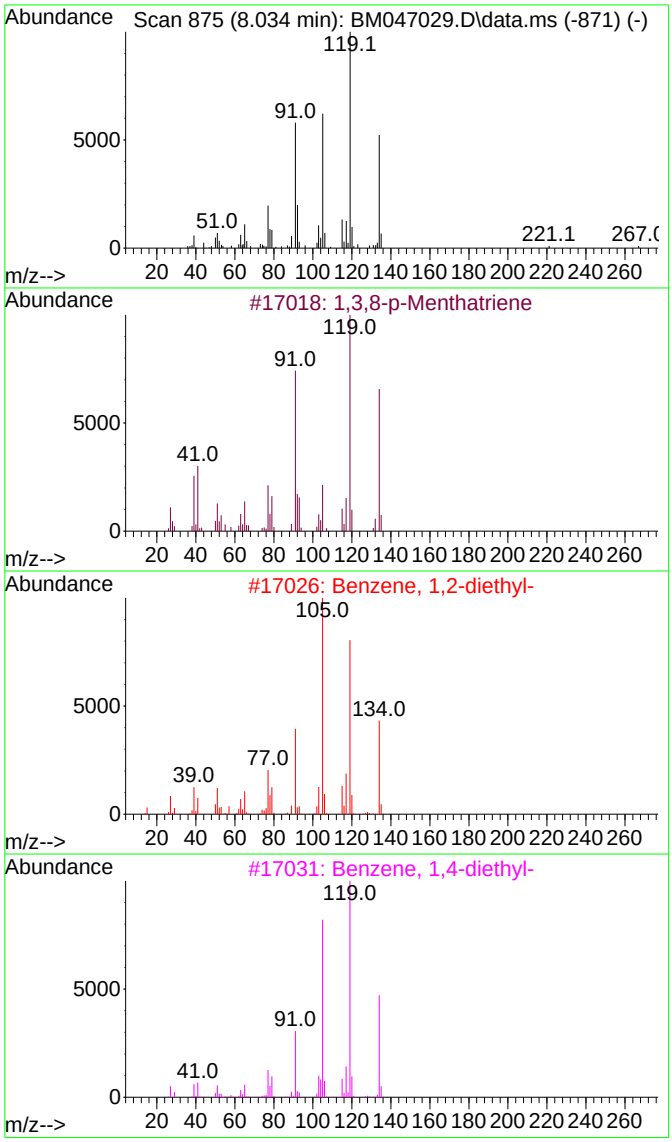
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

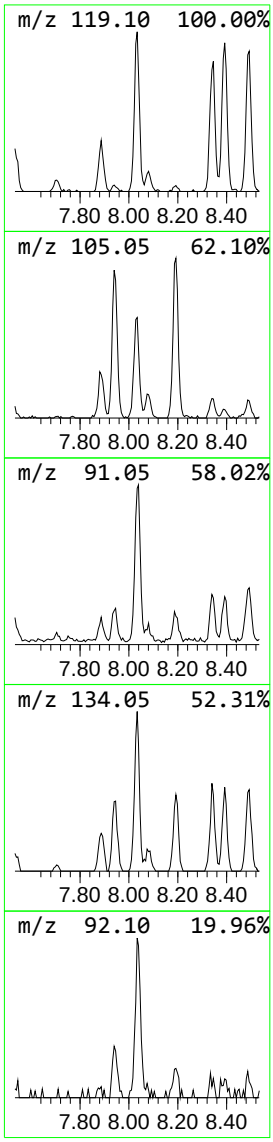
**********

Peak Number 10 1,3,8-p-Menthatriene Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.034 | 2.50 ng/ul | 128306 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,8-p-Menthatriene | 134 | C10H14 | 018368-95-1 | 94 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 92 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 91 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 90 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

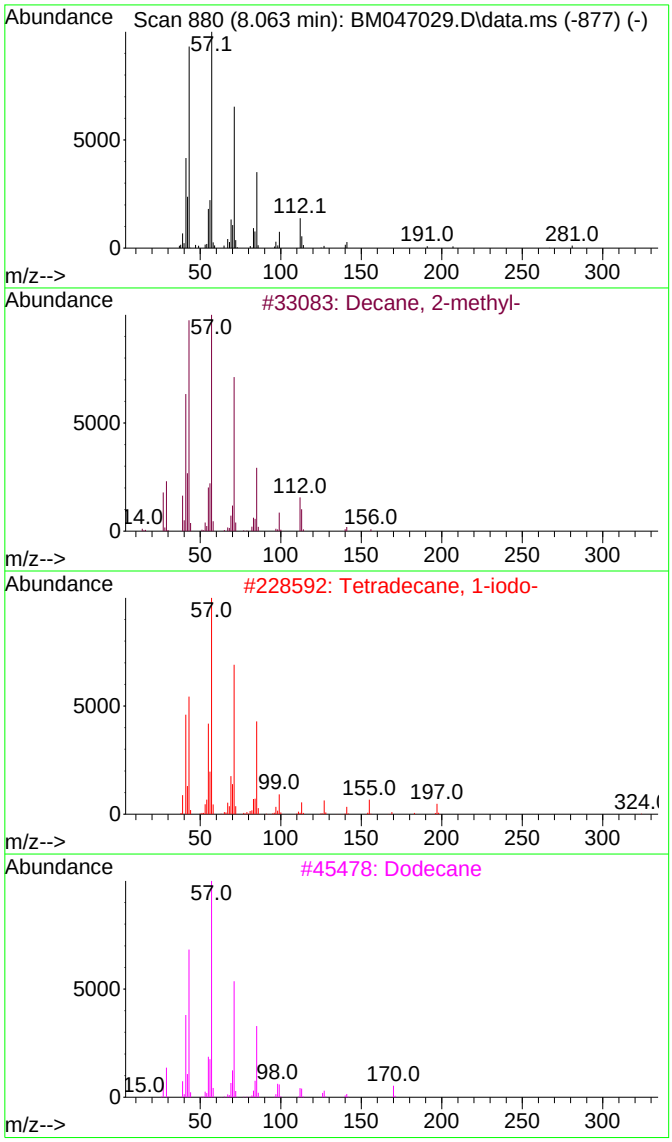
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

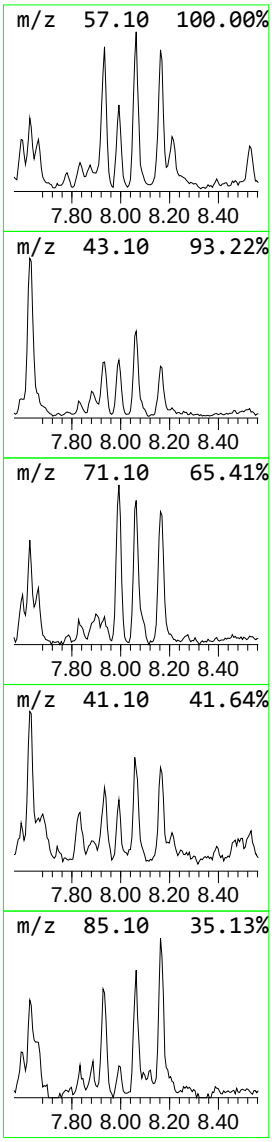
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.063 | 2.85 ng/ul | 146420 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 86 |
| 2 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |
| 3 | Dodecane | 170 | C12H26 | 000112-40-3 | 72 |
| 4 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 72 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

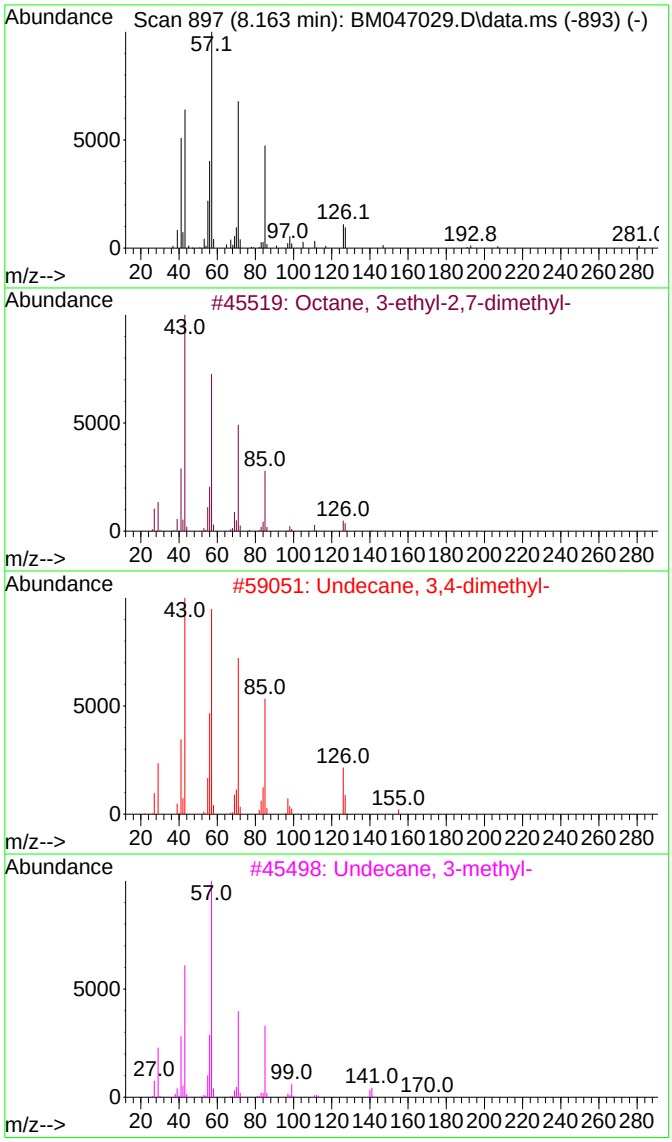
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

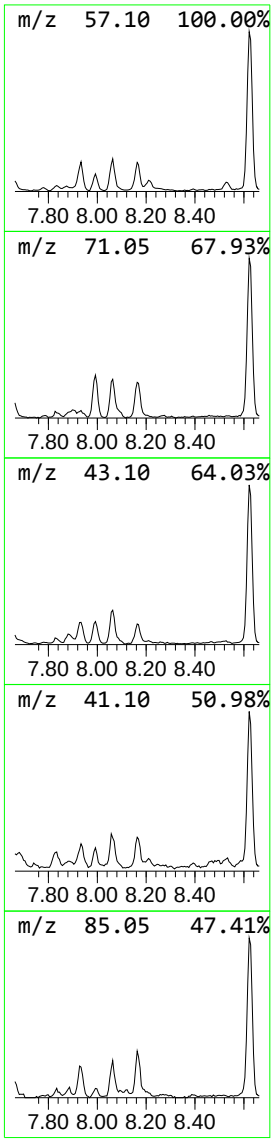
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.163 | 2.29 ng/ul | 117693 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3-ethyl-2,7-dimethyl- | 170 | C12H26 | 062183-55-5 | 83 |
| 2 | Undecane, 3,4-dimethyl- | 184 | C13H28 | 017312-78-6 | 78 |
| 3 | Undecane, 3-methyl- | 170 | C12H26 | 001002-43-3 | 72 |
| 4 | Sulfurous acid, nonyl 2-propyl e... | 250 | C12H26O3S | 1000309-12-0 | 59 |
| 5 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

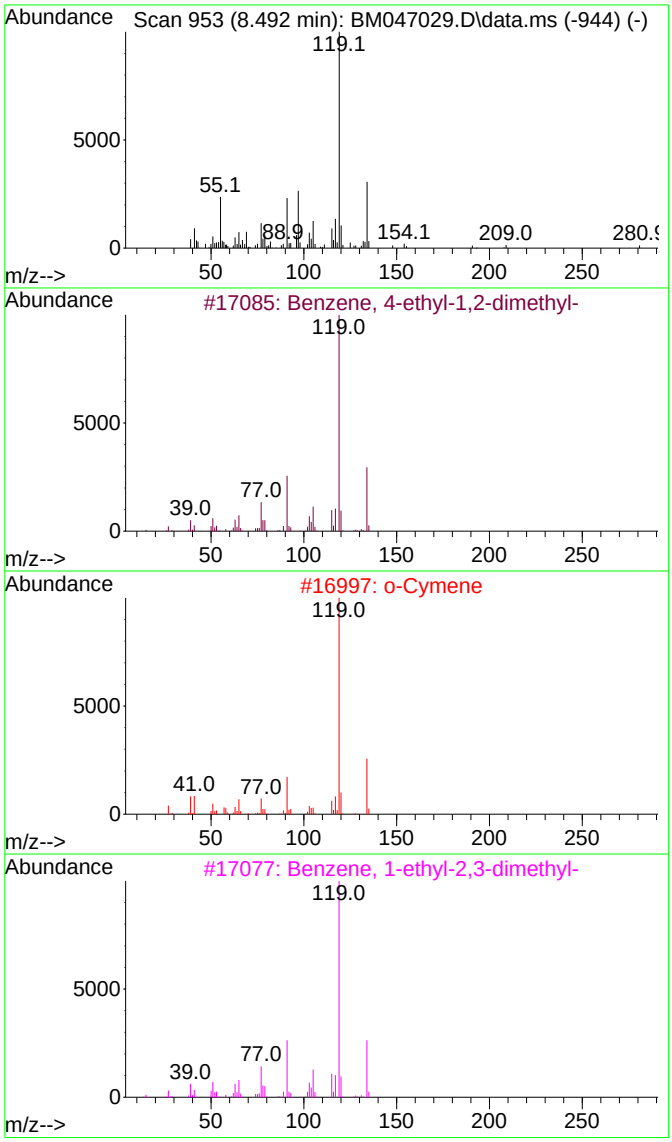
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

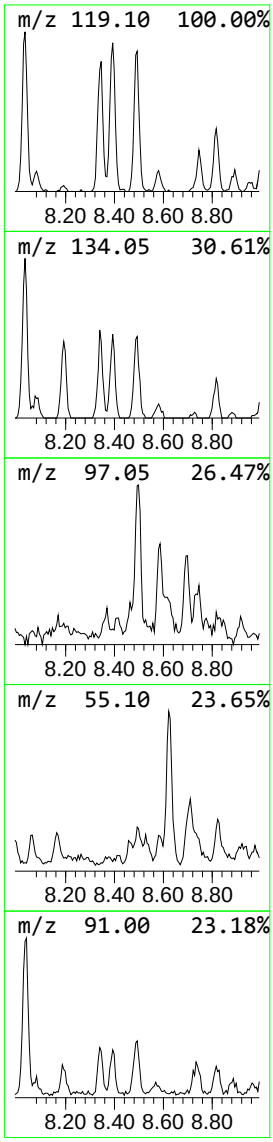
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.492 | 2.84 ng/ul | 145714 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

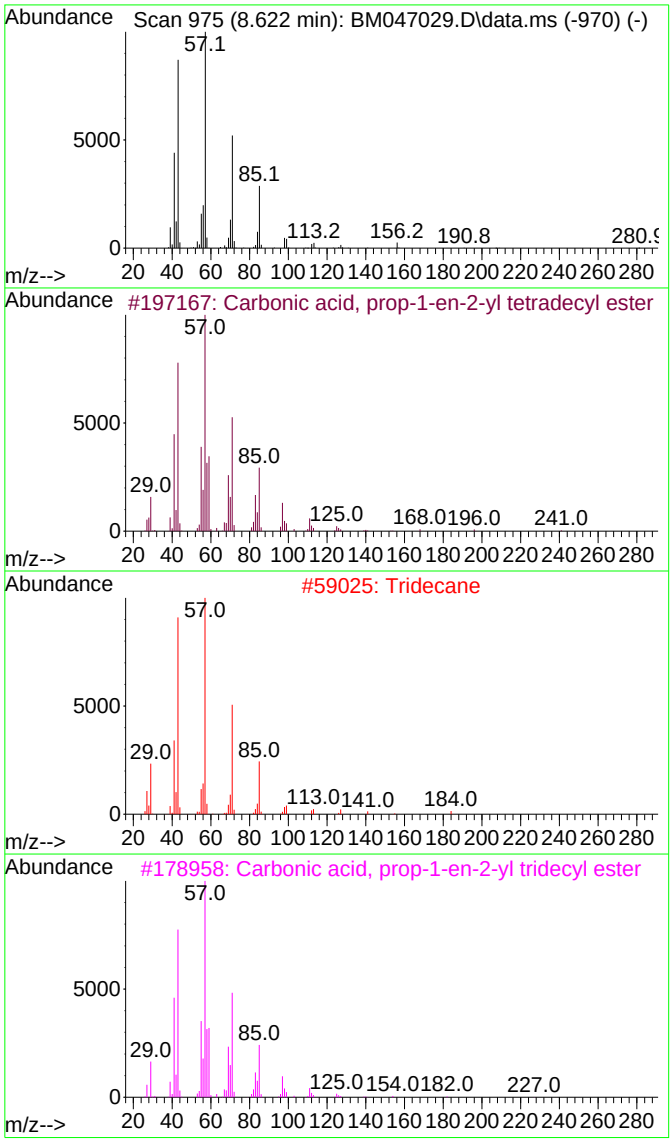
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

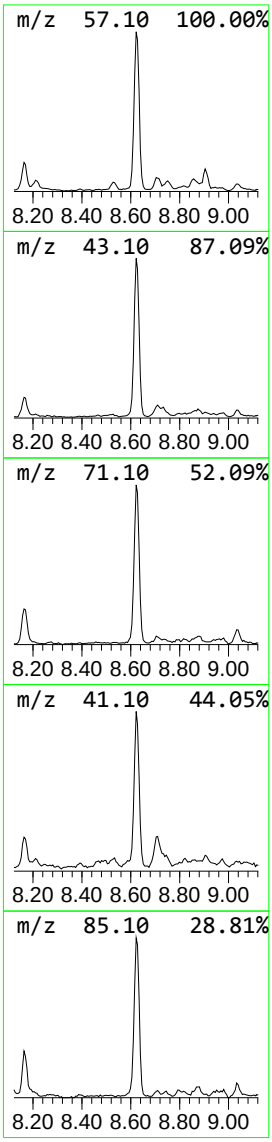
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Carbonic acid, prop-1-en-2-... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.622 | 12.41 ng/ul | 637275 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 90 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |
| 3 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 83 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

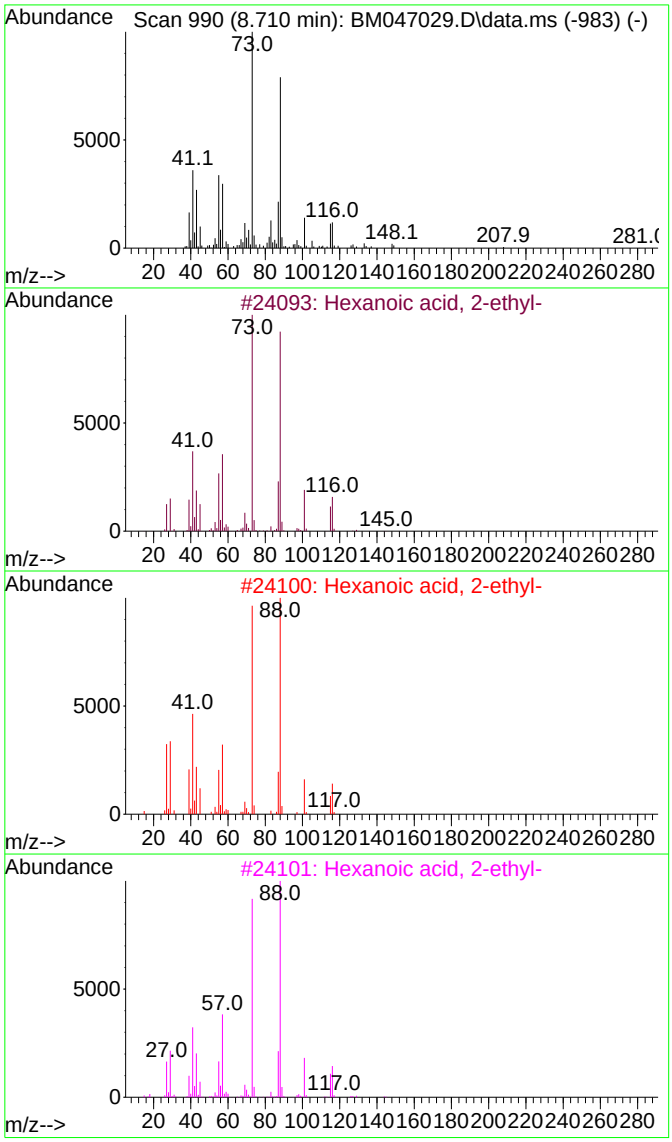
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

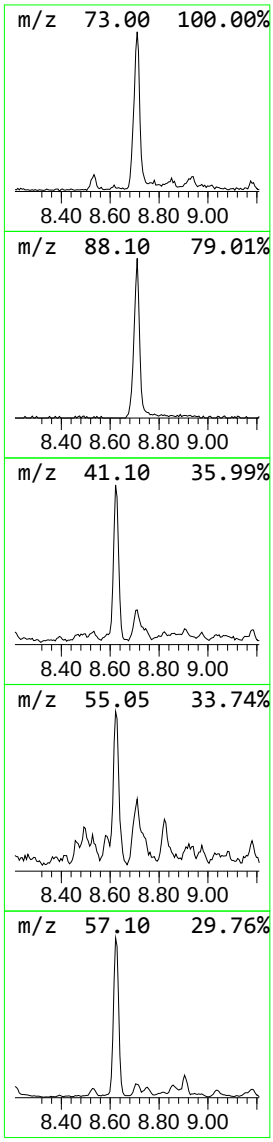
**********

Peak Number 15 Hexanoic acid, 2-ethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.710 | 6.33 ng/ul | 325130 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 86 |
| 2 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 80 |
| 3 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 80 |
| 4 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 72 |
| 5 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

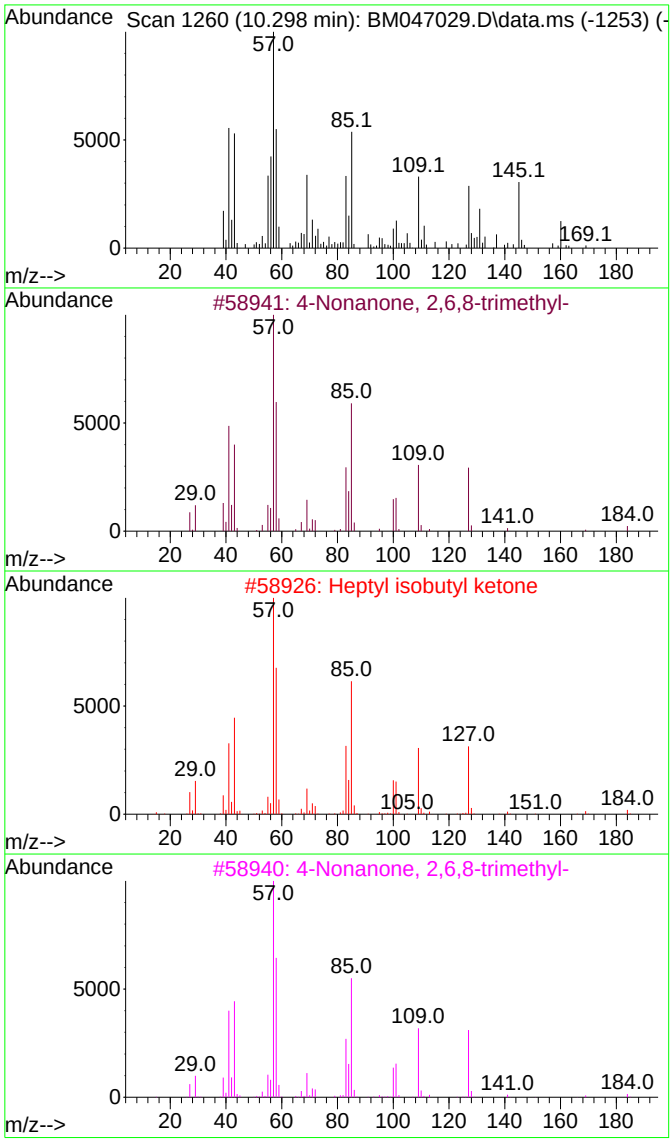
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

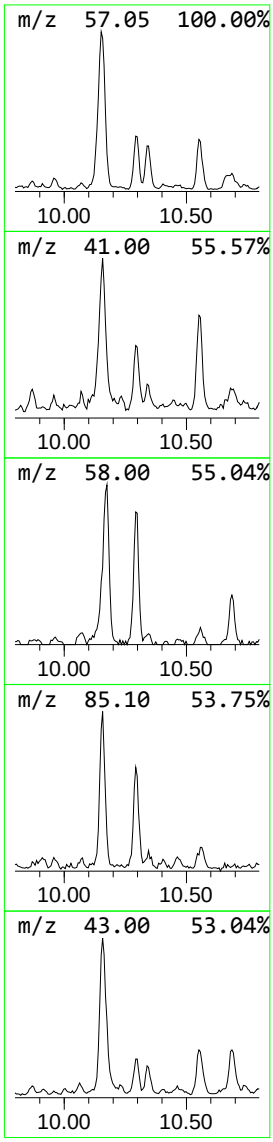
**********

Peak Number 16 unknown-02 Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.298 | 2.54 ng/ul | 222827 | Naphthalene-d8 | 10.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Nonanone, 2,6,8-trimethyl- | 184 | C12H24O | 000123-18-2 | 49 |
| 2 | Heptyl isobutyl ketone | 184 | C12H24O | 019594-40-2 | 49 |
| 3 | 4-Nonanone, 2,6,8-trimethyl- | 184 | C12H24O | 000123-18-2 | 47 |
| 4 | Thiazole | 85 | C3H3NS | 000288-47-1 | 25 |
| 5 | Hexane, 2-methyl- | 100 | C7H16 | 000591-76-4 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

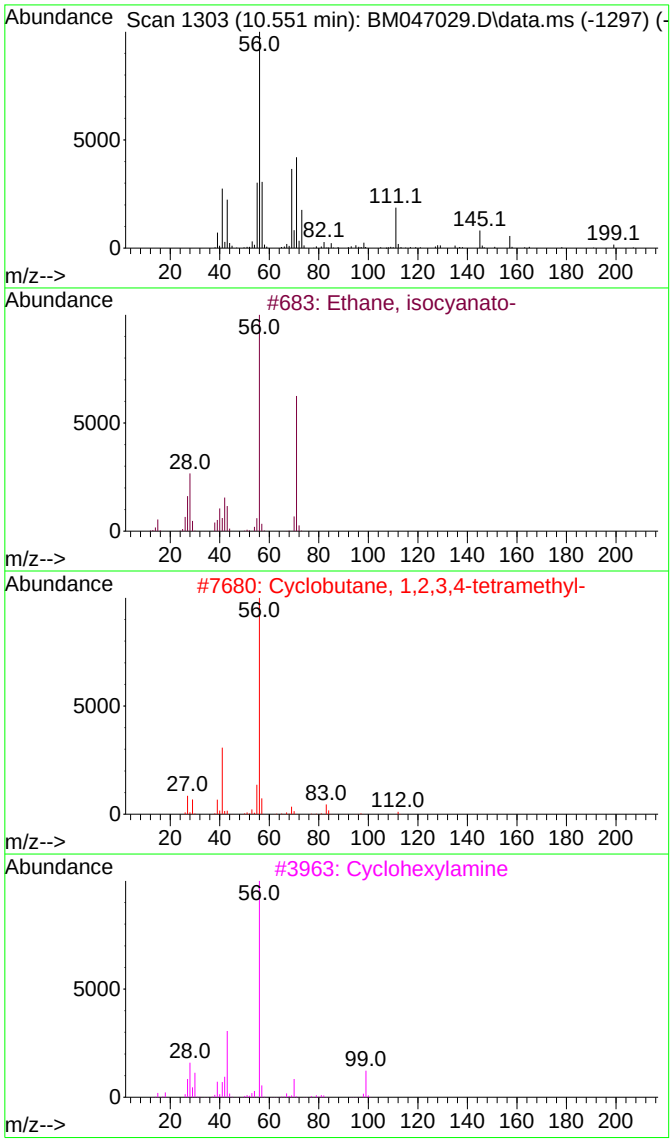
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

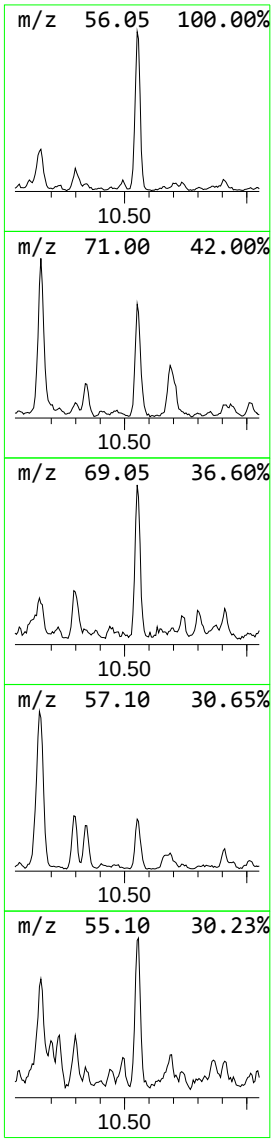
**********

Peak Number 17 unknown-03 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.551 | 3.51 ng/ul | 308158 | Naphthalene-d8 | 10.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, isocyanato- | 71 | C3H5NO | 000109-90-0 | 45 |
| 2 | Cyclobutane, 1,2,3,4-tetramethyl- | 112 | C8H16 | 069531-57-3 | 38 |
| 3 | Cyclohexylamine | 99 | C6H13N | 000108-91-8 | 38 |
| 4 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 200 | C12H24O2 | 006413-83-8 | 37 |
| 5 | 4-Methylcyclohexylamine | 113 | C7H15N | 006321-23-9 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

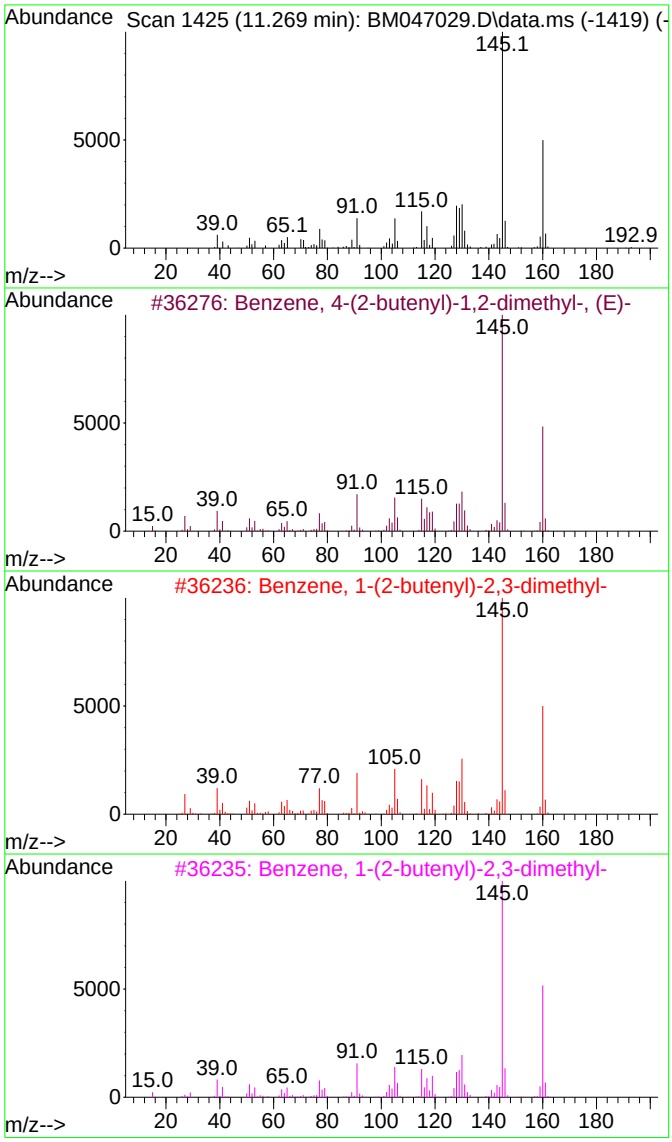
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

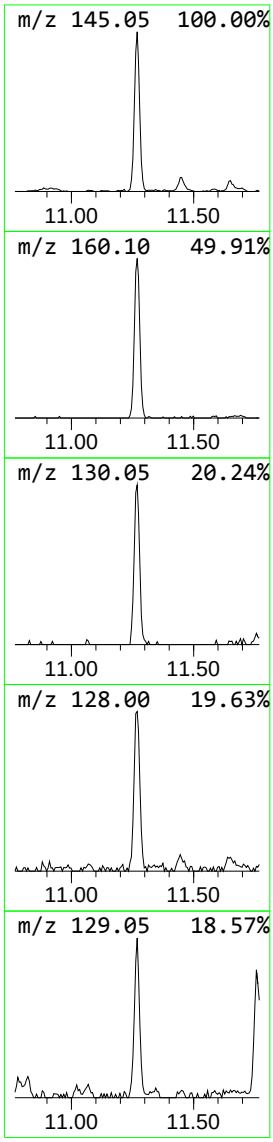
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.269 | 3.54 ng/ul | 310579 | Naphthalene-d8 | 10.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 94 |
| 2 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 94 |
| 3 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 94 |
| 4 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 93 |
| 5 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

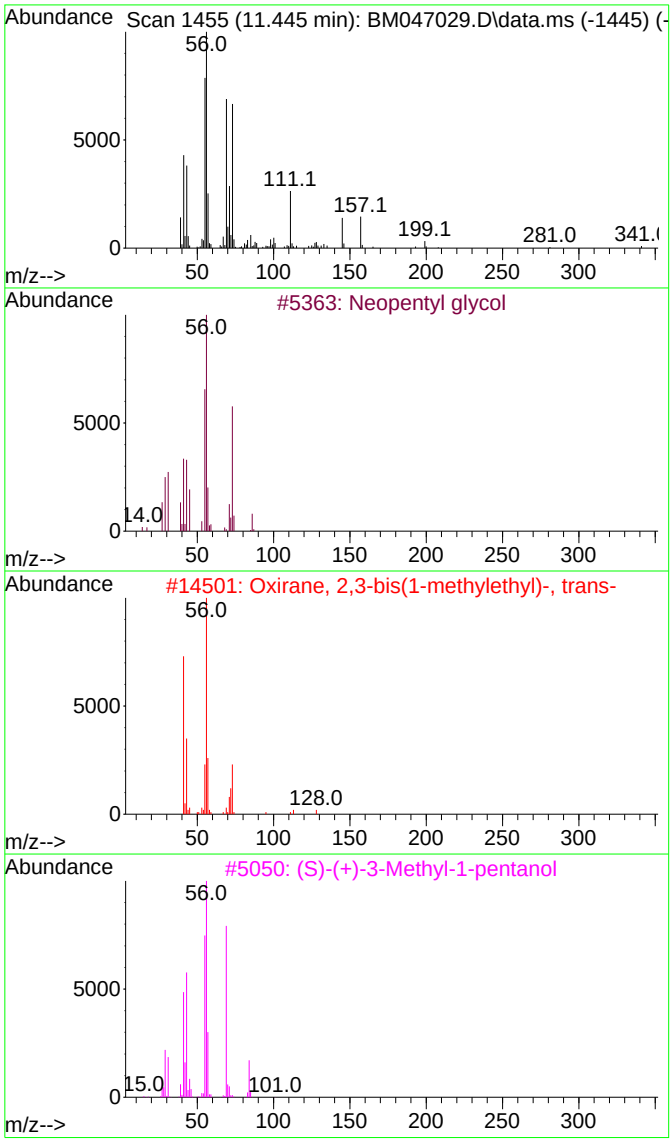
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

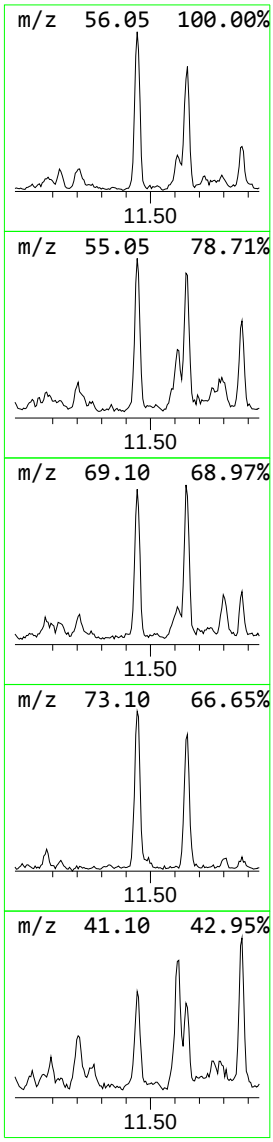
**********

Peak Number 19 Neopentyl glycol Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.445 | 2.93 ng/ul | 257085 | Naphthalene-d8 | 10.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Neopentyl glycol | 104 | C5H12O2 | 000126-30-7 | 50 |
| 2 | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O | 054644-32-5 | 47 |
| 3 | (S)-(+)-3-Methyl-1-pentanol | 102 | C6H14O | 042072-39-9 | 43 |
| 4 | Nonane, 4-methylene- | 140 | C10H20 | 033717-91-8 | 43 |
| 5 | Cyclopentane, 1,1-dimethyl- | 98 | C7H14 | 001638-26-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

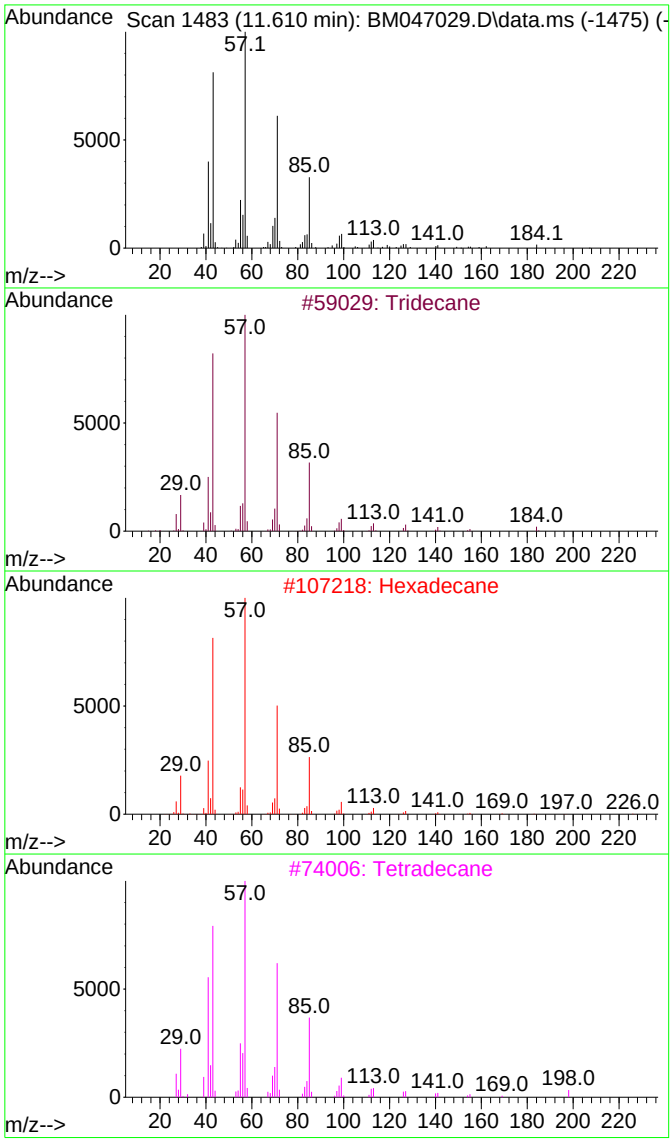
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

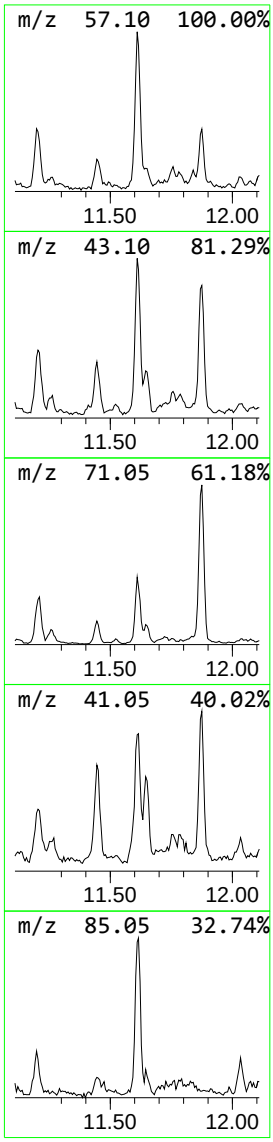
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.610 | 3.39 ng/ul | 297060 | Naphthalene-d8 | 10.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 93 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

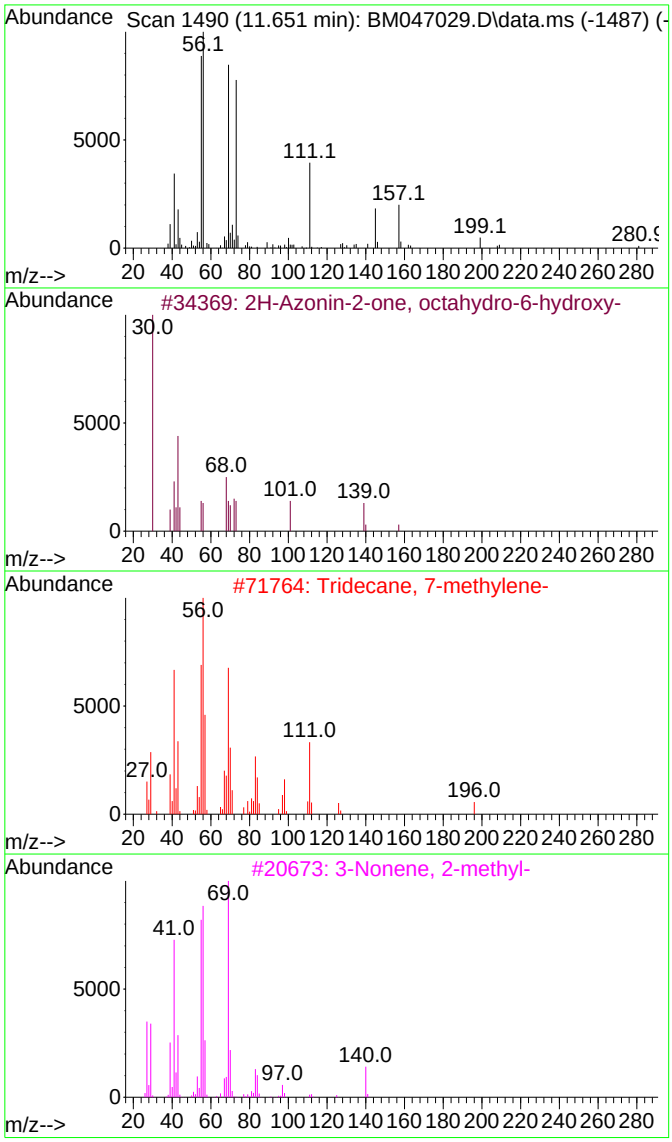
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

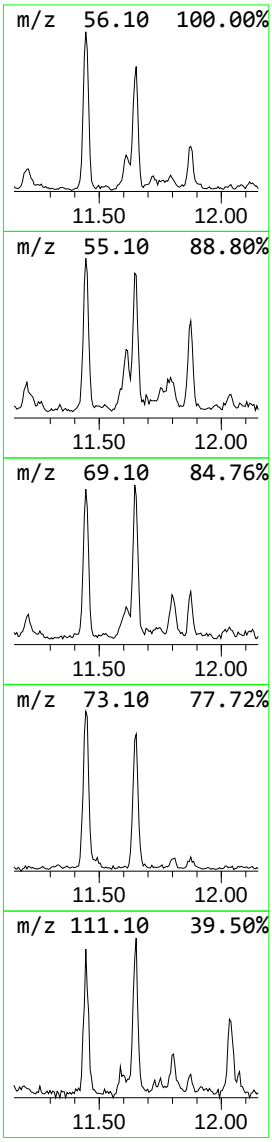
**********

Peak Number 21 unknown-04 Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.651 | 2.05 ng/ul | 179677 | Naphthalene-d8 | 10.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Azonin-2-one, octahydro-6-hyd... | 157 | C8H15NO2 | 023435-07-6 | 38 |
| 2 | Tridecane, 7-methylene- | 196 | C14H28 | 019780-80-4 | 38 |
| 3 | 3-Nonene, 2-methyl- | 140 | C10H20 | 053966-53-3 | 33 |
| 4 | Cyclopentane, 1,1,2-trimethyl- | 112 | C8H16 | 004259-00-1 | 33 |
| 5 | Cyclohexane, 1-ethyl-1,4-dimethy... | 140 | C10H20 | 062238-32-8 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

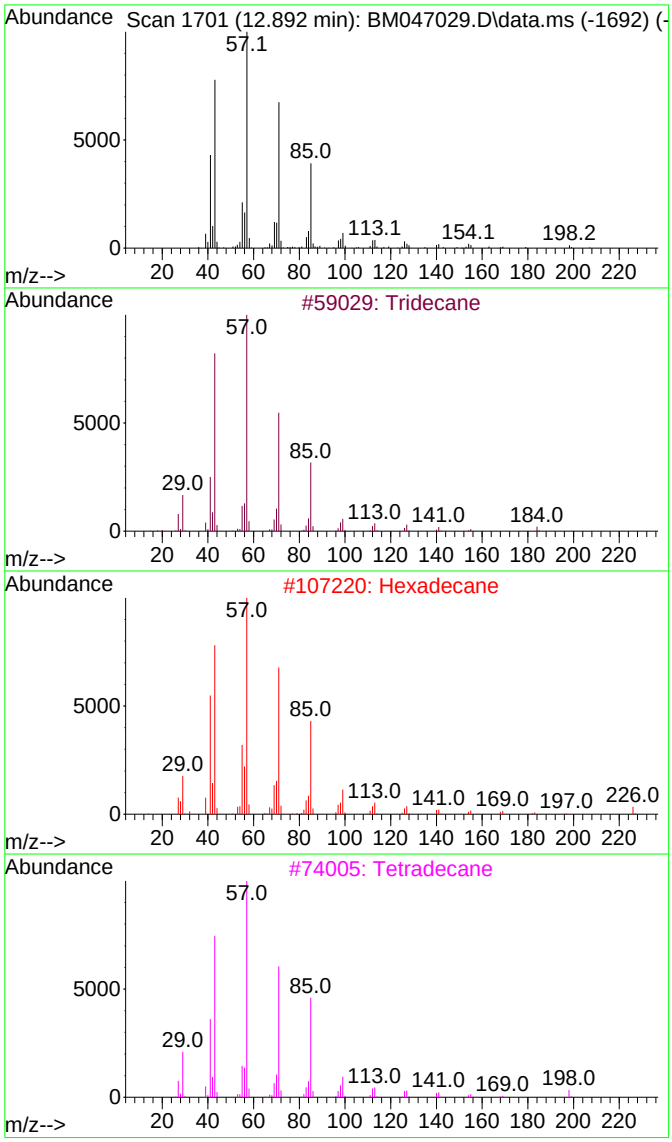
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

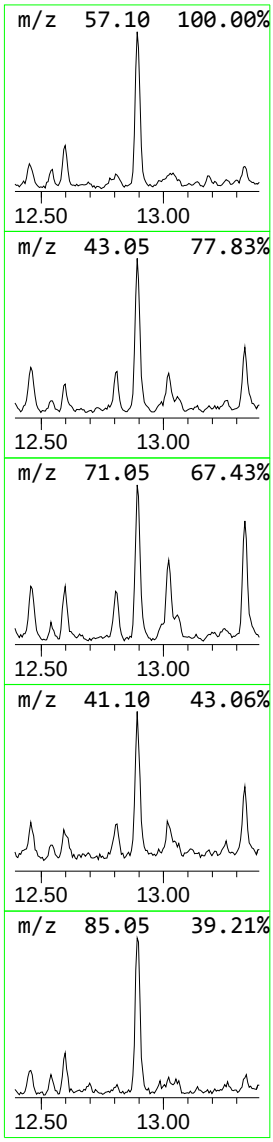
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.892 | 3.68 ng/ul | 324346 | Acenaphthene-d10 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 5 | Dodecane | 170 | C12H26 | 000112-40-3 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

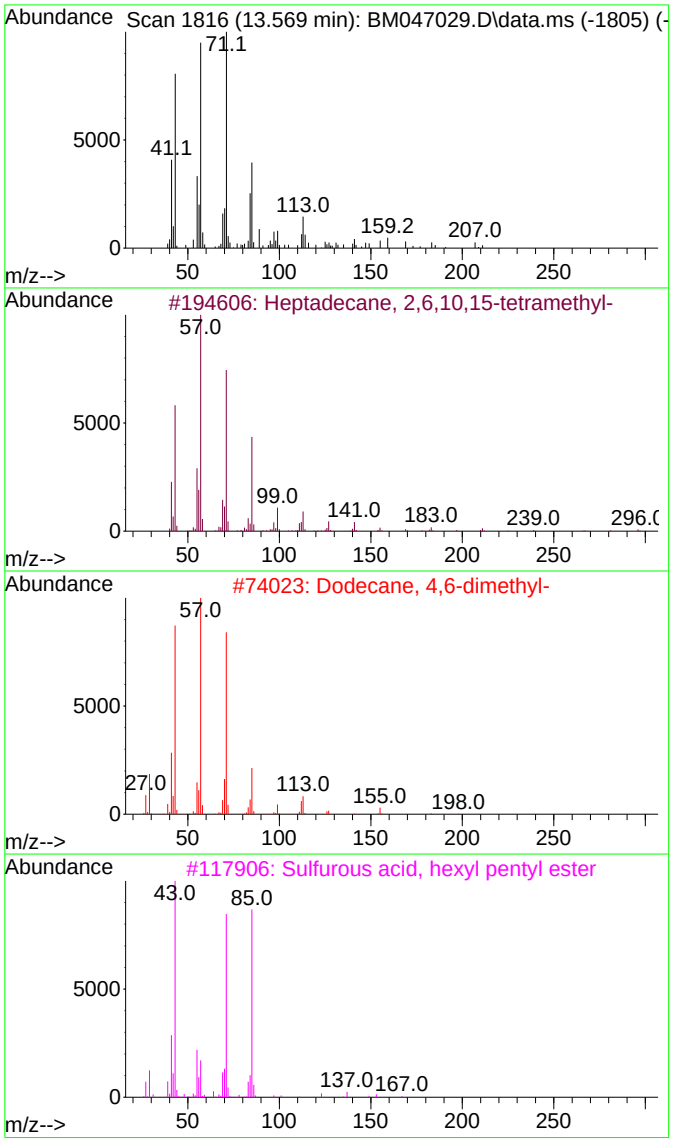
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

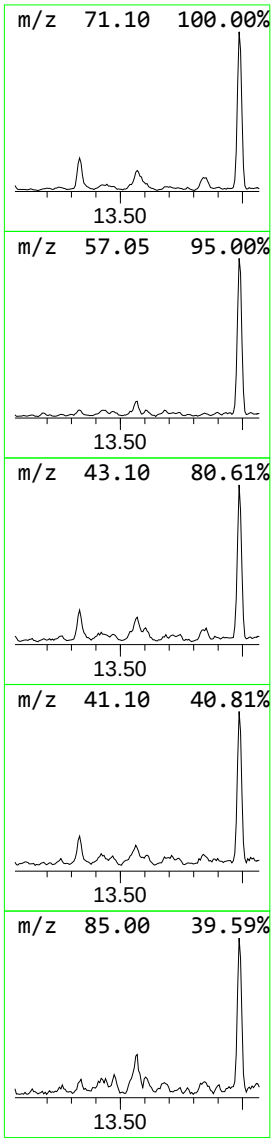
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.569 | 2.05 ng/ul | 180572 | Acenaphthene-d10 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 80 |
| 2 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 58 |
| 3 | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 52 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 50 |
| 5 | Hydroxylamine, O-decyl- | 173 | C10H23NO | 029812-79-1 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

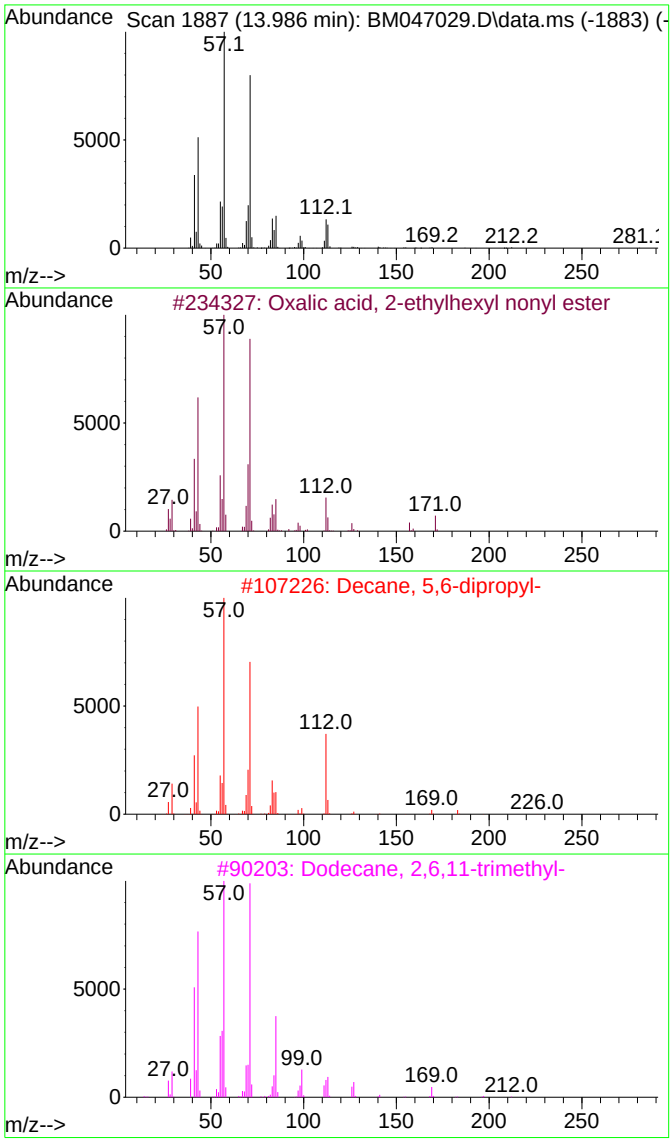
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

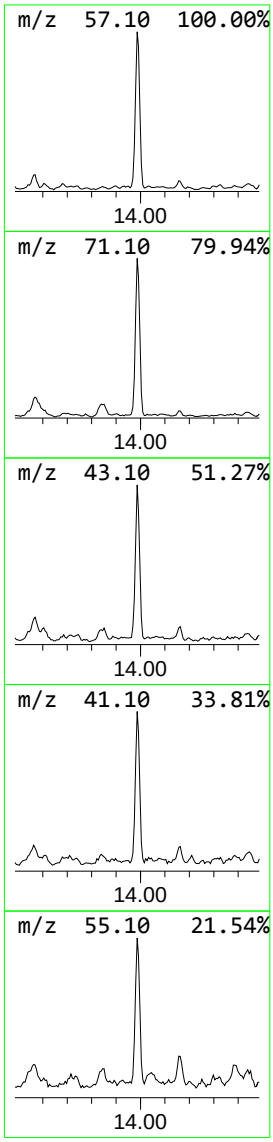
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Oxalic acid, 2-ethylhexyl n... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.986 | 7.62 ng/ul | 670469 | Acenaphthene-d10 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, 2-ethylhexyl nonyl ... | 328 | C19H36O4 | 1000309-39-2 | 80 |
| 2 | Decane, 5,6-dipropyl- | 226 | C16H34 | 119209-20-0 | 72 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 64 |
| 4 | Ether, hexyl pentyl | 172 | C11H24O | 032357-83-8 | 59 |
| 5 | Oxalic acid, bis(2-ethylhexyl) e... | 314 | C18H34O4 | 1000309-39-0 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

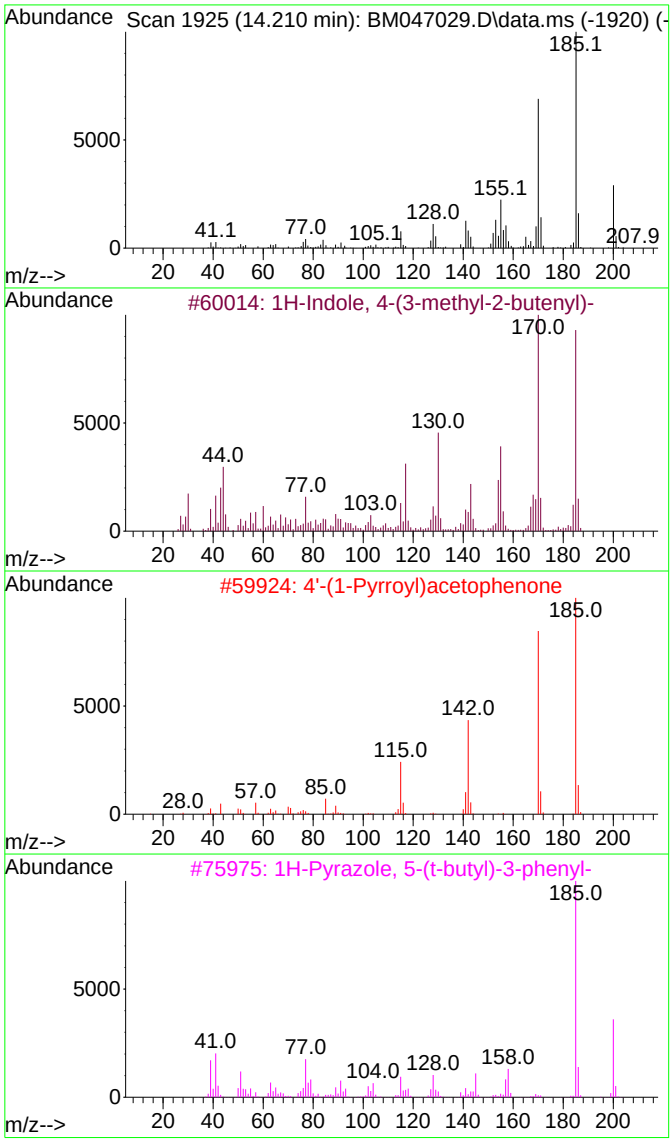
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

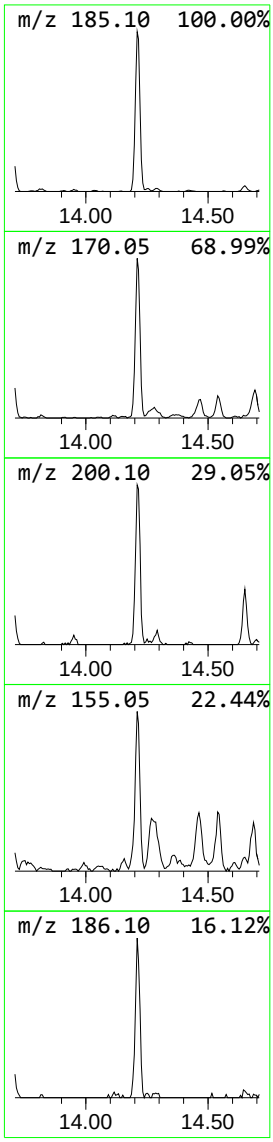
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 1H-Indole, 4-(3-methyl-2-bu... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.210 | 4.39 ng/ul | 386478 | Acenaphthene-d10 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indole, 4-(3-methyl-2-butenyl)- | 185 | C13H15N | 032962-25-7 | 72 |
| 2 | 4'-(1-Pyrroyl)acetophenone | 185 | C12H11NO | 022106-37-2 | 58 |
| 3 | 1H-Pyrazole, 5-(t-butyl)-3-phenyl- | 200 | C13H16N2 | 1000261-34-8 | 55 |
| 4 | 1-Methyl-1-n-pentyloxy-1-silacyc... | 200 | C11H24OSi | 232270-61-0 | 46 |
| 5 | 1,2,3,4,5,6,7,8-Octahydro-1-meth... | 200 | C15H20 | 1000080-19-4 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

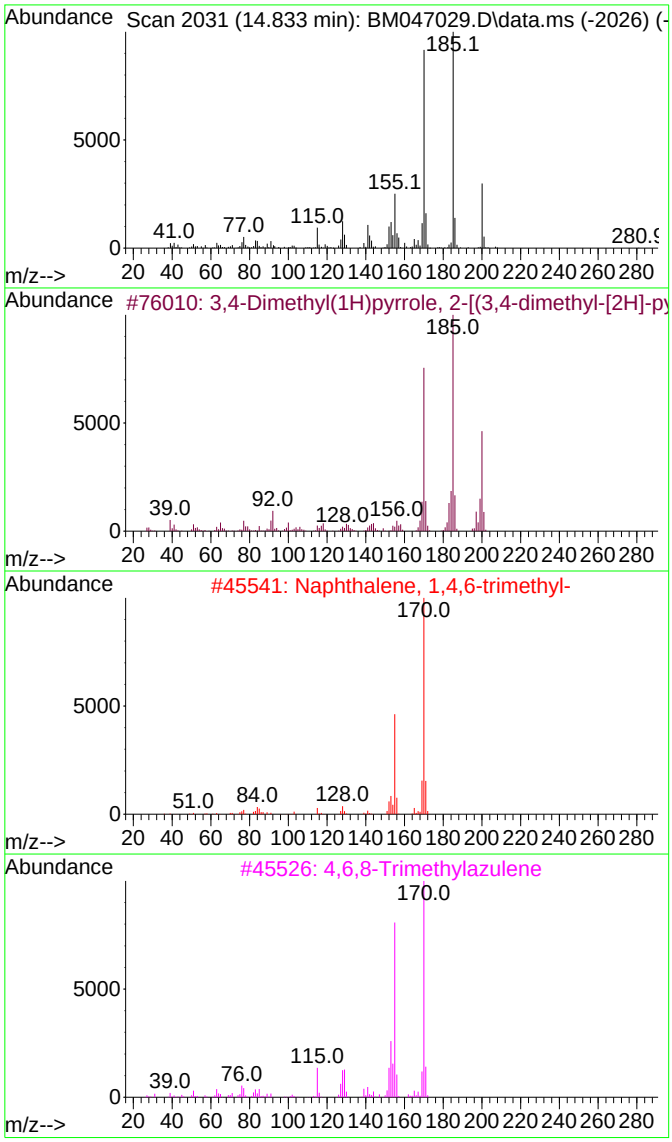
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

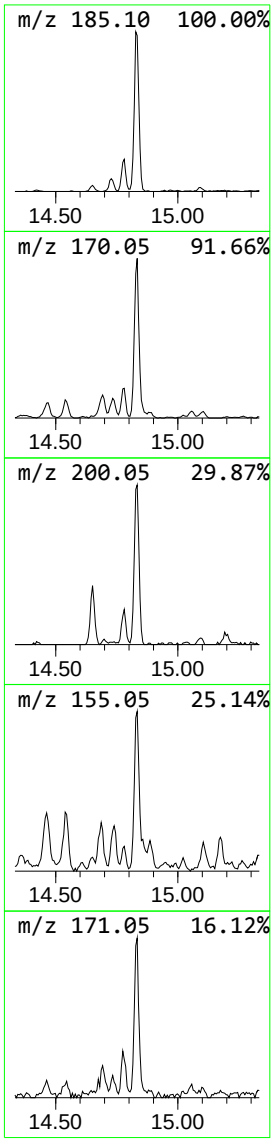
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.833 | 4.84 ng/ul | 425973 | Acenaphthene-d10 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2 | 065539-79-9 | 72 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 50 |
| 3 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 49 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 46 |
| 5 | 1,2,3,4,5,6,7,8-Octahydro-1-meth... | 200 | C15H20 | 1000080-19-4 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

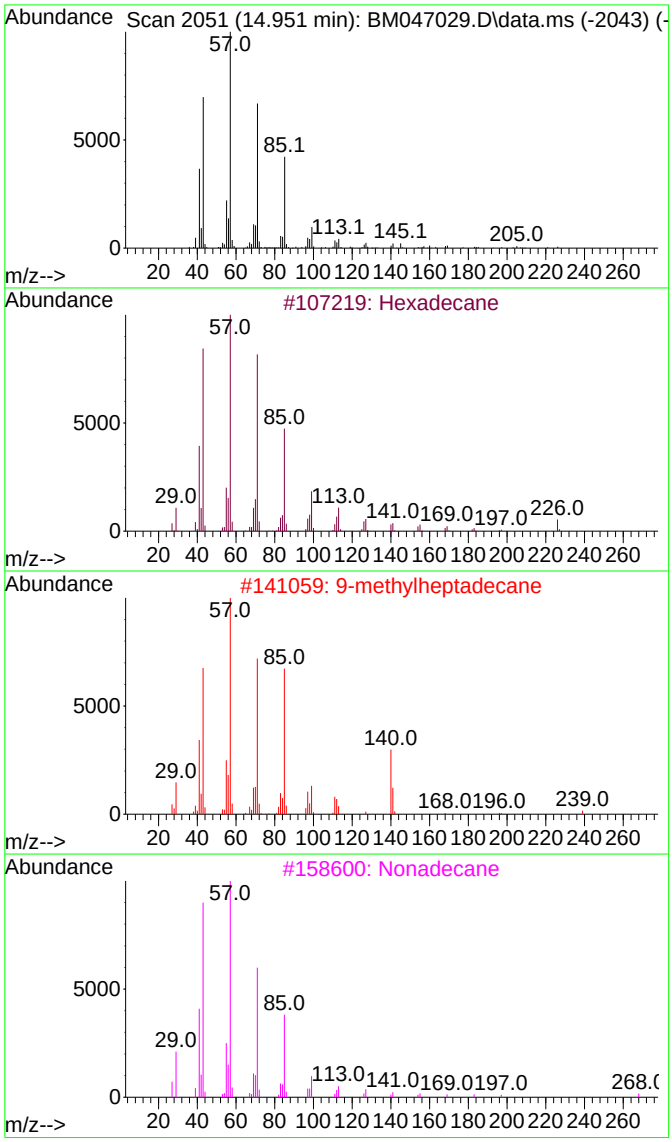
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

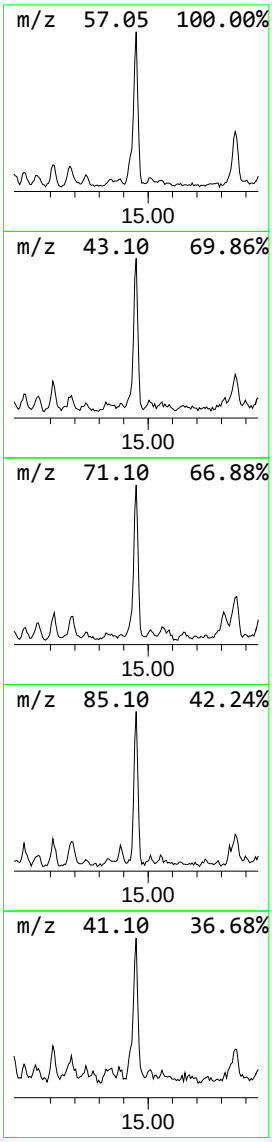
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.951 | 3.42 ng/ul | 301405 | Acenaphthene-d10 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 94 |
| 2 | 9-methylheptadecane | 254 | C18H38 | 026741-18-4 | 90 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 5 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

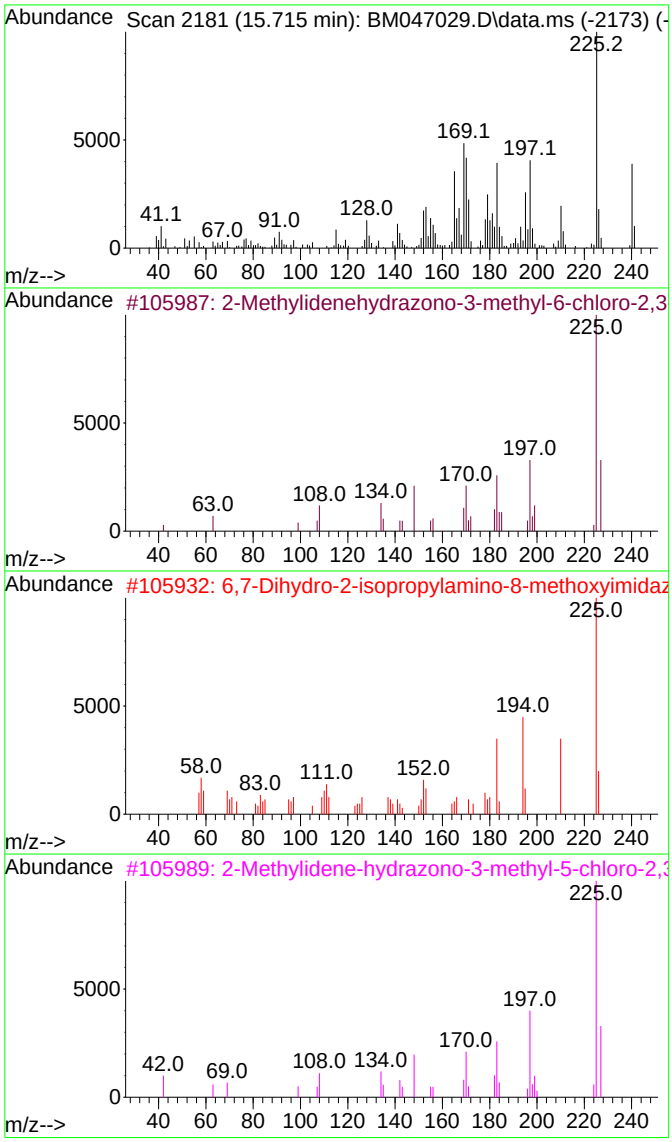
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

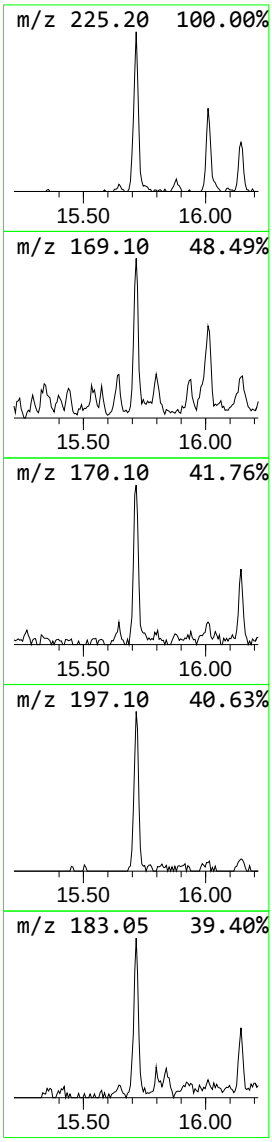
**********

Peak Number 28 unknown-05 Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.716 | 2.33 ng/ul | 250025 | Phenanthrene-d10 | 16.810 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methylidenehydrazono-3-methyl-... | 225 | C9H8ClN3S | 1000147-91-5 | 43 |
| 2 | 6,7-Dihydro-2-isopropylamino-8-m... | 225 | C9H15N5O2 | 1000101-98-2 | 38 |
| 3 | 2-Methylidene-hydrazono-3-methyl... | 225 | C9H8ClN3S | 1000147-91-3 | 38 |
| 4 | (3-Isopropyl-5-methylamino-2,4,6... | 225 | C14H15N3 | 014204-00-3 | 30 |
| 5 | 5,5-Dimethyl-5-sila-5H,10,11-dih... | 240 | C14H16N2Si | 089052-49-3 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

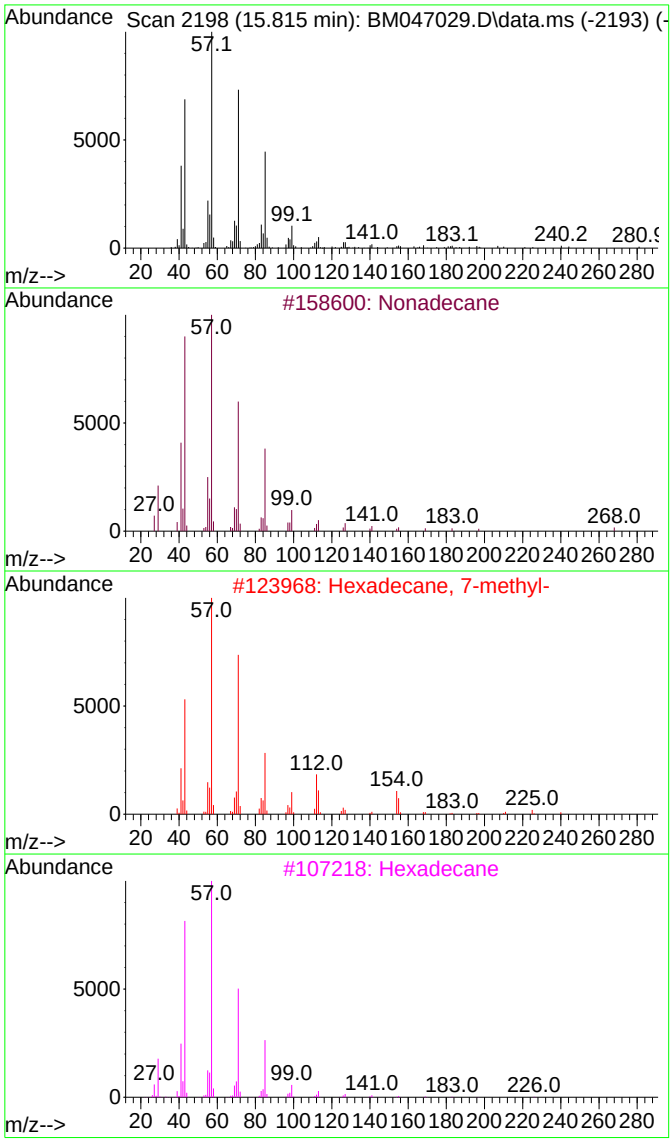
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

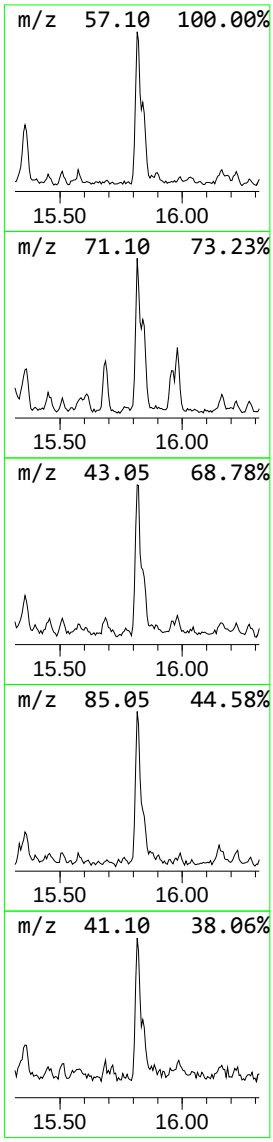
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.816 | 2.68 ng/ul | 287737 | Phenanthrene-d10 | 16.810 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 2 | Hexadecane, 7-methyl- | 240 | C17H36 | 026730-20-1 | 81 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 5 | Nonane, 4,5-dimethyl- | 156 | C11H24 | 017302-23-7 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047029.D
Acq On : 06 Aug 2024 19:13
Operator : RC/JU
Sample : P3171-08DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCVX0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.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 |
| (DEL) Alkane: S... | 5.463 | 4.5 | ng/ul | 229525 | 1 | 7.398 | 1027270 | 20.0 |
| (DEL) Alkane: S... | 6.475 | 2.5 | ng/ul | 126382 | 1 | 7.398 | 1027270 | 20.0 |
| Benzene, 1,2,3-... | 6.504 | 2.2 | ng/ul | 111148 | 1 | 7.398 | 1027270 | 20.0 |
| (DEL) Alkane: S... | 6.575 | 4.8 | ng/ul | 244467 | 1 | 7.398 | 1027270 | 20.0 |
| 2-Heptanone, 4,... | 6.851 | 2.0 | ng/ul | 104013 | 1 | 7.398 | 1027270 | 20.0 |
| (DEL) Alkane: S... | 7.040 | 15.7 | ng/ul | 806041 | 1 | 7.398 | 1027270 | 20.0 |
| 1-Hexanol, 2-et... | 7.475 | 4.8 | ng/ul | 246815 | 1 | 7.398 | 1027270 | 20.0 |
| unknown-01 | 7.628 | 6.9 | ng/ul | 355105 | 1 | 7.398 | 1027270 | 20.0 |
| (DEL) Alkane: S... | 7.934 | 3.4 | ng/ul | 175595 | 1 | 7.398 | 1027270 | 20.0 |
| 1,3,8-p-Menthat... | 8.034 | 2.5 | ng/ul | 128306 | 1 | 7.398 | 1027270 | 20.0 |
| (DEL) Alkane: S... | 8.063 | 2.9 | ng/ul | 146420 | 1 | 7.398 | 1027270 | 20.0 |
| (DEL) Alkane: S... | 8.163 | 2.3 | ng/ul | 117693 | 1 | 7.398 | 1027270 | 20.0 |
| Benzene, 4-ethy... | 8.492 | 2.8 | ng/ul | 145714 | 1 | 7.398 | 1027270 | 20.0 |
| Carbonic acid, ... | 8.622 | 12.4 | ng/ul | 637275 | 1 | 7.398 | 1027270 | 20.0 |
| Hexanoic acid, ... | 8.710 | 6.3 | ng/ul | 325130 | 1 | 7.398 | 1027270 | 20.0 |
| unknown-02 | 10.298 | 2.5 | ng/ul | 222827 | 2 | 10.151 | 1754990 | 20.0 |
| unknown-03 | 10.551 | 3.5 | ng/ul | 308158 | 2 | 10.151 | 1754990 | 20.0 |
| Benzene, 4-(2-b... | 11.269 | 3.5 | ng/ul | 310579 | 2 | 10.151 | 1754990 | 20.0 |
| Neopentyl glycol | 11.445 | 2.9 | ng/ul | 257085 | 2 | 10.151 | 1754990 | 20.0 |
| (DEL) Alkane: S... | 11.610 | 3.4 | ng/ul | 297060 | 2 | 10.151 | 1754990 | 20.0 |
| unknown-04 | 11.651 | 2.0 | ng/ul | 179677 | 2 | 10.151 | 1754990 | 20.0 |
| (DEL) Alkane: S... | 12.892 | 3.7 | ng/ul | 324346 | 3 | 14.051 | 1760800 | 20.0 |
| (DEL) Alkane: S... | 13.569 | 2.0 | ng/ul | 180572 | 3 | 14.051 | 1760800 | 20.0 |
| Oxalic acid, 2-... | 13.986 | 7.6 | ng/ul | 670469 | 3 | 14.051 | 1760800 | 20.0 |
| 1H-Indole, 4-(3... | 14.210 | 4.4 | ng/ul | 386478 | 3 | 14.051 | 1760800 | 20.0 |
| 3,4-Dimethyl(1H... | 14.833 | 4.8 | ng/ul | 425973 | 3 | 14.051 | 1760800 | 20.0 |
| (DEL) Alkane: S... | 14.951 | 3.4 | ng/ul | 301405 | 3 | 14.051 | 1760800 | 20.0 |
| unknown-05 | 15.716 | 2.3 | ng/ul | 250025 | 4 | 16.810 | 2148890 | 20.0 |
| (DEL) Alkane: S... | 15.816 | 2.7 | ng/ul | 287737 | 4 | 16.810 | 2148890 | 20.0 |