LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.152 | 25 | 28 | 32 | rBV | 112134 | 127626 | 1.14% | 0.102% |
| 2 | 4.970 | 332 | 337 | 344 | rVB | 375105 | 548948 | 4.89% | 0.439% |
| 3 | 5.105 | 357 | 360 | 366 | rVB3 | 26173 | 41132 | 0.37% | 0.033% |
| 4 | 5.317 | 388 | 396 | 401 | rVB | 208653 | 450255 | 4.01% | 0.360% |
| 5 | 5.658 | 451 | 454 | 461 | rVB2 | 43110 | 74836 | 0.67% | 0.060% |
| 6 | 6.134 | 528 | 535 | 546 | rVB | 590680 | 923223 | 8.23% | 0.738% |
| 7 | 6.316 | 561 | 566 | 575 | rVB4 | 80576 | 137809 | 1.23% | 0.110% |
| 8 | 6.616 | 613 | 617 | 621 | rBV | 33186 | 48168 | 0.43% | 0.039% |
| 9 | 6.805 | 642 | 649 | 664 | rVB2 | 548439 | 1093933 | 9.75% | 0.875% |
| 10 | 6.963 | 670 | 676 | 683 | rBV | 1360158 | 2142246 | 19.09% | 1.713% |
| 11 | 7.022 | 683 | 686 | 690 | rVB3 | 36010 | 50239 | 0.45% | 0.040% |
| 12 | 7.163 | 703 | 710 | 718 | rBV | 1628236 | 2695883 | 24.02% | 2.156% |
| 13 | 7.281 | 725 | 730 | 736 | rVB2 | 77437 | 126868 | 1.13% | 0.101% |
| 14 | 7.346 | 737 | 741 | 746 | rBV4 | 36322 | 55159 | 0.49% | 0.044% |
| 15 | 7.505 | 764 | 768 | 779 | rVB9 | 23421 | 57820 | 0.52% | 0.046% |
| 16 | 7.622 | 782 | 788 | 798 | rBV | 2050291 | 3339685 | 29.76% | 2.671% |
| 17 | 7.705 | 798 | 802 | 805 | rVV | 100841 | 148815 | 1.33% | 0.119% |
| 18 | 7.740 | 805 | 808 | 813 | rVB2 | 35923 | 52032 | 0.46% | 0.042% |
| 19 | 7.840 | 821 | 825 | 835 | rVB3 | 86603 | 148100 | 1.32% | 0.118% |
| 20 | 7.975 | 843 | 848 | 857 | rVB2 | 104410 | 252962 | 2.25% | 0.202% |
| 21 | 8.334 | 903 | 909 | 920 | rVB | 1403951 | 2225729 | 19.83% | 1.780% |
| 22 | 8.610 | 952 | 956 | 967 | rVB6 | 39820 | 82887 | 0.74% | 0.066% |
| 23 | 8.728 | 967 | 976 | 977 | rBV2 | 72857 | 100034 | 0.89% | 0.080% |
| 24 | 8.769 | 977 | 983 | 995 | rVV | 1740740 | 2901614 | 25.85% | 2.321% |
| 25 | 8.952 | 1009 | 1014 | 1024 | rVB | 141864 | 230726 | 2.06% | 0.185% |
| 26 | 9.240 | 1058 | 1063 | 1070 | rVB4 | 41585 | 74442 | 0.66% | 0.060% |
| 27 | 9.310 | 1070 | 1075 | 1081 | rVB3 | 21839 | 37736 | 0.34% | 0.030% |
| 28 | 9.422 | 1083 | 1094 | 1097 | rBV3 | 81162 | 155947 | 1.39% | 0.125% |
| 29 | 9.487 | 1097 | 1105 | 1115 | rVV | 1403182 | 2497410 | 22.25% | 1.997% |
| 30 | 9.663 | 1131 | 1135 | 1140 | rBV4 | 43521 | 72705 | 0.65% | 0.058% |
| 31 | 9.787 | 1151 | 1156 | 1158 | rBV | 41269 | 66851 | 0.60% | 0.053% |
| 32 | 9.822 | 1158 | 1162 | 1170 | rVB2 | 125745 | 220947 | 1.97% | 0.177% |
| 33 | 10.028 | 1189 | 1197 | 1205 | rBV | 2120028 | 3602762 | 32.10% | 2.881% |
| 34 | 10.346 | 1246 | 1251 | 1254 | rVV3 | 79582 | 131915 | 1.18% | 0.105% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.399 | 1254 | 1260 | 1268 | rVV | 2683549 | 4579113 | 40.80% | 3.662% |
| 36 | 10.463 | 1268 | 1271 | 1274 | rVV5 | 22780 | 35834 | 0.32% | 0.029% |
| 37 | 10.540 | 1278 | 1284 | 1285 | rVV5 | 24347 | 40414 | 0.36% | 0.032% |
| 38 | 10.575 | 1287 | 1290 | 1296 | rVV5 | 29815 | 51305 | 0.46% | 0.041% |
| 39 | 10.810 | 1319 | 1330 | 1339 | rVB5 | 50522 | 174374 | 1.55% | 0.139% |
| 40 | 11.010 | 1357 | 1364 | 1371 | rVV2 | 61505 | 128310 | 1.14% | 0.103% |
| 41 | 11.763 | 1482 | 1492 | 1501 | rBV | 163934 | 304809 | 2.72% | 0.244% |
| 42 | 11.998 | 1524 | 1532 | 1537 | rBV2 | 39575 | 70961 | 0.63% | 0.057% |
| 43 | 12.081 | 1541 | 1546 | 1551 | rVB5 | 21611 | 36243 | 0.32% | 0.029% |
| 44 | 12.275 | 1572 | 1579 | 1587 | rVB6 | 33676 | 86305 | 0.77% | 0.069% |
| 45 | 12.528 | 1617 | 1622 | 1633 | rVB6 | 28778 | 63839 | 0.57% | 0.051% |
| 46 | 12.763 | 1656 | 1662 | 1668 | rVB3 | 42425 | 79445 | 0.71% | 0.064% |
| 47 | 12.828 | 1668 | 1673 | 1679 | rBV5 | 29303 | 65839 | 0.59% | 0.053% |
| 48 | 13.004 | 1695 | 1703 | 1710 | rBV5 | 19632 | 54065 | 0.48% | 0.043% |
| 49 | 13.110 | 1715 | 1721 | 1725 | rVV7 | 17606 | 39764 | 0.35% | 0.032% |
| 50 | 13.187 | 1729 | 1734 | 1741 | rVV | 75310 | 128642 | 1.15% | 0.103% |
| 51 | 13.569 | 1792 | 1799 | 1809 | rVB6 | 34145 | 73281 | 0.65% | 0.059% |
| 52 | 13.687 | 1812 | 1819 | 1824 | rVV | 3940312 | 5665722 | 50.48% | 4.531% |
| 53 | 13.734 | 1824 | 1827 | 1833 | rVV | 251162 | 378783 | 3.38% | 0.303% |
| 54 | 13.798 | 1833 | 1838 | 1842 | rVV8 | 24376 | 53630 | 0.48% | 0.043% |
| 55 | 13.963 | 1856 | 1866 | 1877 | rVV | 4510054 | 6812567 | 60.70% | 5.448% |
| 56 | 14.051 | 1877 | 1881 | 1885 | rVV | 53281 | 89086 | 0.79% | 0.071% |
| 57 | 14.269 | 1912 | 1918 | 1924 | rBV | 4041176 | 6099087 | 54.34% | 4.878% |
| 58 | 14.316 | 1924 | 1926 | 1934 | rVB3 | 82342 | 128915 | 1.15% | 0.103% |
| 59 | 14.487 | 1948 | 1955 | 1971 | rBV | 397273 | 804837 | 7.17% | 0.644% |
| 60 | 14.710 | 1987 | 1993 | 1997 | rVB8 | 17569 | 36560 | 0.33% | 0.029% |
| 61 | 14.975 | 2034 | 2038 | 2043 | rVB4 | 34704 | 50157 | 0.45% | 0.040% |
| 62 | 15.034 | 2043 | 2048 | 2052 | rBV | 48977 | 67748 | 0.60% | 0.054% |
| 63 | 15.110 | 2057 | 2061 | 2065 | rVB | 41845 | 49735 | 0.44% | 0.040% |
| 64 | 15.269 | 2081 | 2088 | 2099 | rBV | 5950976 | 8584126 | 76.49% | 6.865% |
| 65 | 15.392 | 2103 | 2109 | 2122 | rVV | 1523891 | 2260095 | 20.14% | 1.807% |
| 66 | 15.510 | 2124 | 2129 | 2137 | rVV2 | 93433 | 186767 | 1.66% | 0.149% |
| 67 | 15.786 | 2171 | 2176 | 2181 | rBV2 | 61142 | 97357 | 0.87% | 0.078% |
| 68 | 15.951 | 2199 | 2204 | 2209 | rBV | 129980 | 210429 | 1.87% | 0.168% |
| 69 | 16.051 | 2219 | 2221 | 2228 | rVB7 | 30821 | 43725 | 0.39% | 0.035% |
| 70 | 16.292 | 2258 | 2262 | 2266 | rBV3 | 30925 | 58923 | 0.53% | 0.047% |
| 71 | 16.410 | 2279 | 2282 | 2286 | rBV2 | 25467 | 35256 | 0.31% | 0.028% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 16.698 | 2326 | 2331 | 2337 | rBV6 | 40245 | 77923 | 0.69% | 0.062% |
| 73 | 16.798 | 2346 | 2348 | 2354 | rVB2 | 22621 | 35964 | 0.32% | 0.029% |
| 74 | 17.016 | 2379 | 2385 | 2395 | rBV2 | 4738921 | 6970000 | 62.10% | 5.574% |
| 75 | 17.116 | 2395 | 2402 | 2412 | rBV | 6563771 | 9101058 | 81.09% | 7.278% |
| 76 | 17.275 | 2426 | 2429 | 2436 | rVB7 | 27682 | 51691 | 0.46% | 0.041% |
| 77 | 17.369 | 2441 | 2445 | 2452 | rVB8 | 33207 | 62448 | 0.56% | 0.050% |
| 78 | 17.633 | 2486 | 2490 | 2495 | rVB3 | 47965 | 62473 | 0.56% | 0.050% |
| 79 | 17.704 | 2498 | 2502 | 2507 | rVV6 | 39590 | 86664 | 0.77% | 0.069% |
| 80 | 17.751 | 2508 | 2510 | 2517 | rVB3 | 33444 | 38897 | 0.35% | 0.031% |
| 81 | 17.939 | 2537 | 2542 | 2552 | rBV2 | 111082 | 210347 | 1.87% | 0.168% |
| 82 | 18.063 | 2558 | 2563 | 2569 | rVB | 186844 | 257437 | 2.29% | 0.206% |
| 83 | 18.163 | 2575 | 2580 | 2582 | rBV | 139235 | 195808 | 1.74% | 0.157% |
| 84 | 18.210 | 2582 | 2588 | 2600 | rVB | 298554 | 572635 | 5.10% | 0.458% |
| 85 | 18.757 | 2677 | 2681 | 2684 | rBV3 | 44908 | 68263 | 0.61% | 0.055% |
| 86 | 19.051 | 2727 | 2731 | 2735 | rBV2 | 84451 | 111147 | 0.99% | 0.089% |
| 87 | 19.227 | 2758 | 2761 | 2766 | rBV6 | 36766 | 53001 | 0.47% | 0.042% |
| 88 | 19.304 | 2770 | 2774 | 2778 | rVV | 67878 | 98910 | 0.88% | 0.079% |
| 89 | 19.416 | 2787 | 2793 | 2799 | rBV | 8236999 | 10654200 | 94.93% | 8.520% |
| 90 | 19.469 | 2800 | 2802 | 2809 | rVB2 | 50531 | 62918 | 0.56% | 0.050% |
| 91 | 20.951 | 3050 | 3054 | 3061 | rBV | 977725 | 1298025 | 11.57% | 1.038% |
| 92 | 21.216 | 3094 | 3099 | 3108 | rBV | 6224834 | 7879033 | 70.20% | 6.301% |
| 93 | 21.398 | 3127 | 3130 | 3134 | rBV2 | 269764 | 298305 | 2.66% | 0.239% |
| 94 | 21.827 | 3200 | 3203 | 3209 | rBV | 441223 | 535259 | 4.77% | 0.428% |
| 95 | 22.280 | 3277 | 3280 | 3285 | rBV | 591273 | 756832 | 6.74% | 0.605% |
| 96 | 22.780 | 3362 | 3365 | 3371 | rVB | 719087 | 1000327 | 8.91% | 0.800% |
| 97 | 23.274 | 3442 | 3449 | 3455 | rBV | 6365292 | 11223192 | 100.00% | 8.976% |
| 98 | 23.345 | 3457 | 3461 | 3465 | rVV | 782252 | 1216801 | 10.84% | 0.973% |
| 99 | 23.409 | 3466 | 3472 | 3483 | rVB | 4537618 | 8309704 | 74.04% | 6.646% |
| 100 | 23.980 | 3566 | 3569 | 3577 | rVB | 662379 | 1109263 | 9.88% | 0.887% |

Sum of corrected areas: 125042017

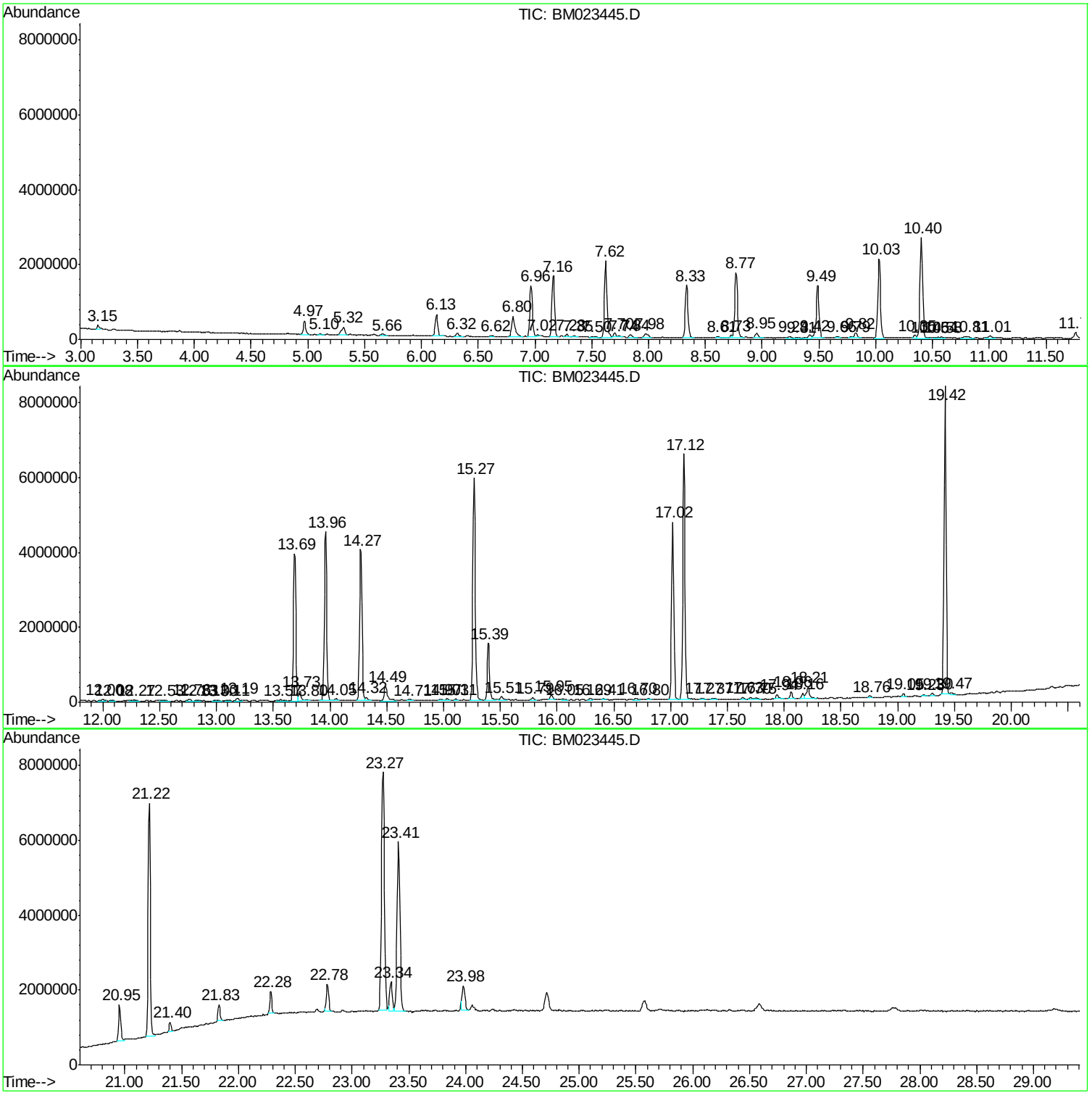
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

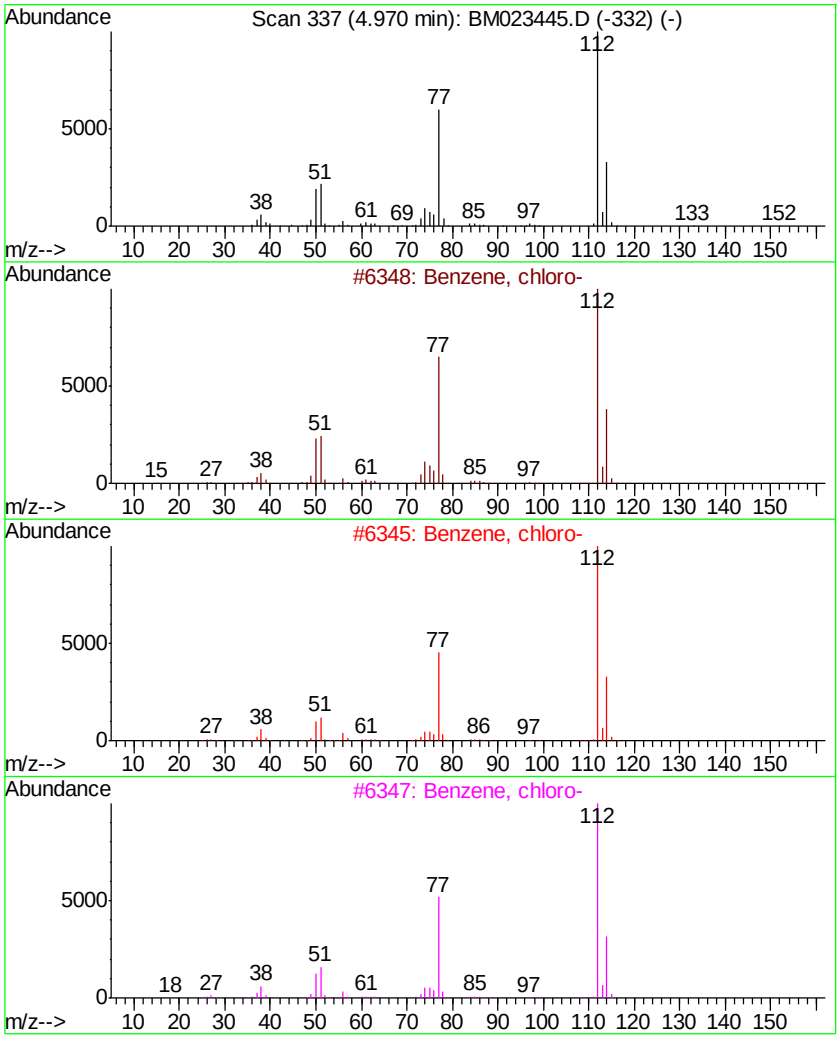
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

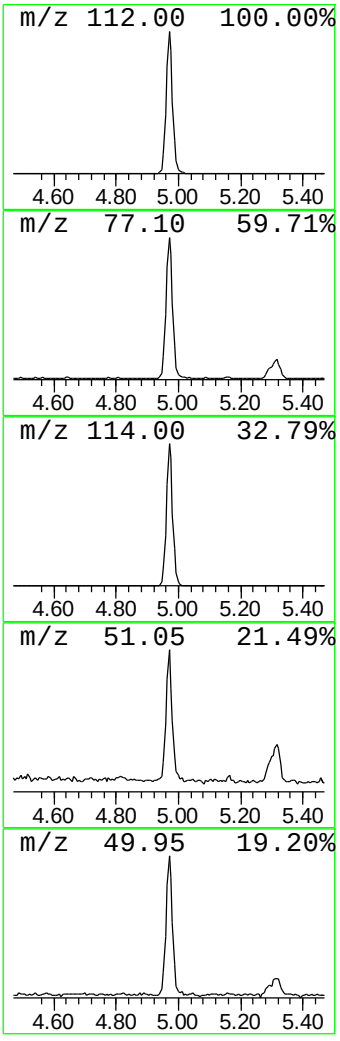
**********

Peak Number 1 Benzene, chloro- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.97 | 3.29 ng/ul | 548948 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 95 |
| 2 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 94 |
| 3 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 94 |
| 4 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 91 |
| 5 | Phenol, 3-fluoro- | 112 | C6H5FO | 000372-20-3 | 27 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

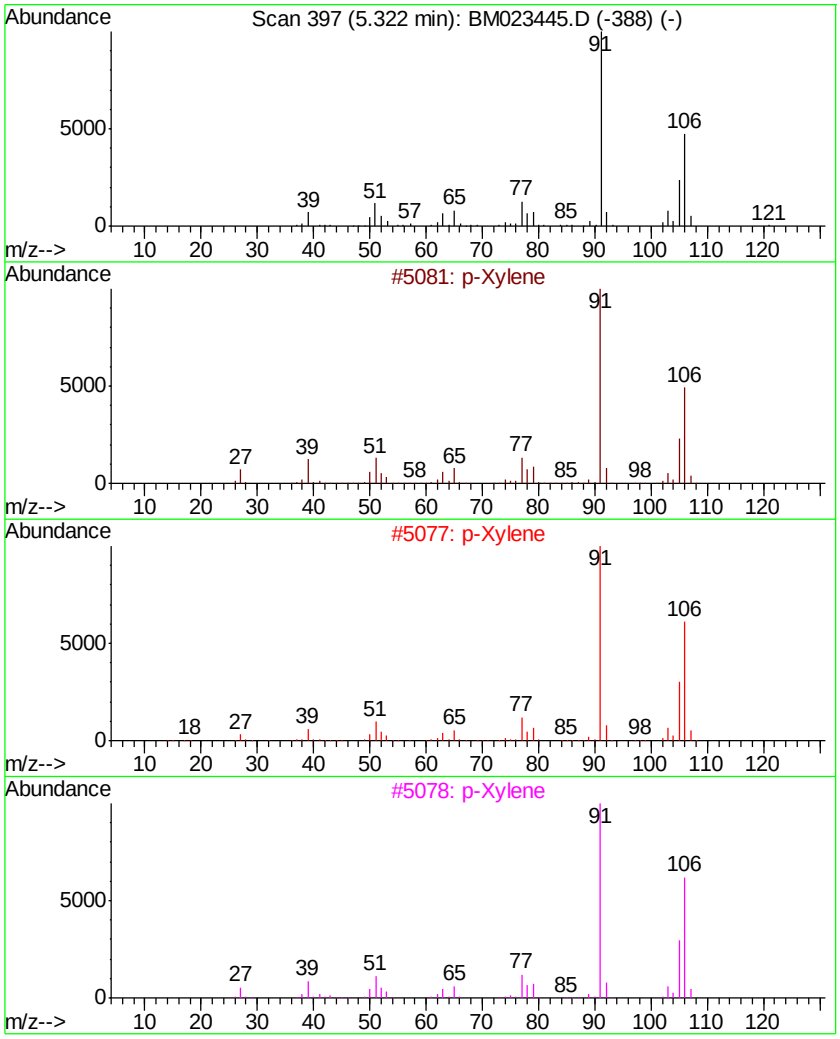
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

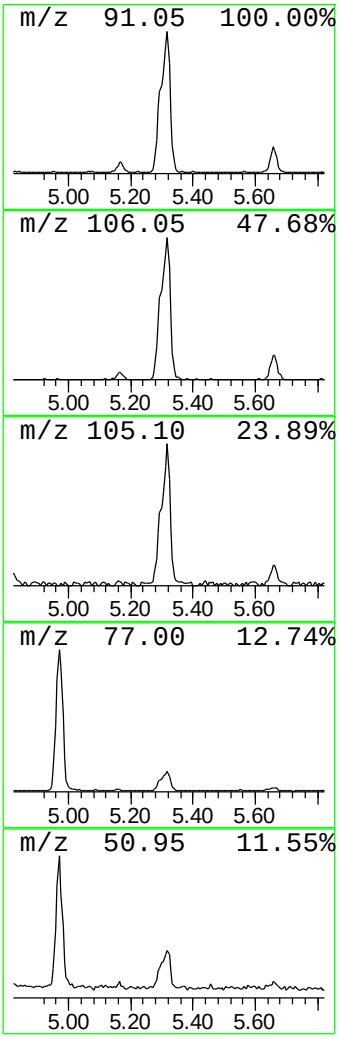
**********

Peak Number 2 p-Xylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.32 | 2.70 ng/ul | 450255 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 4 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 94 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

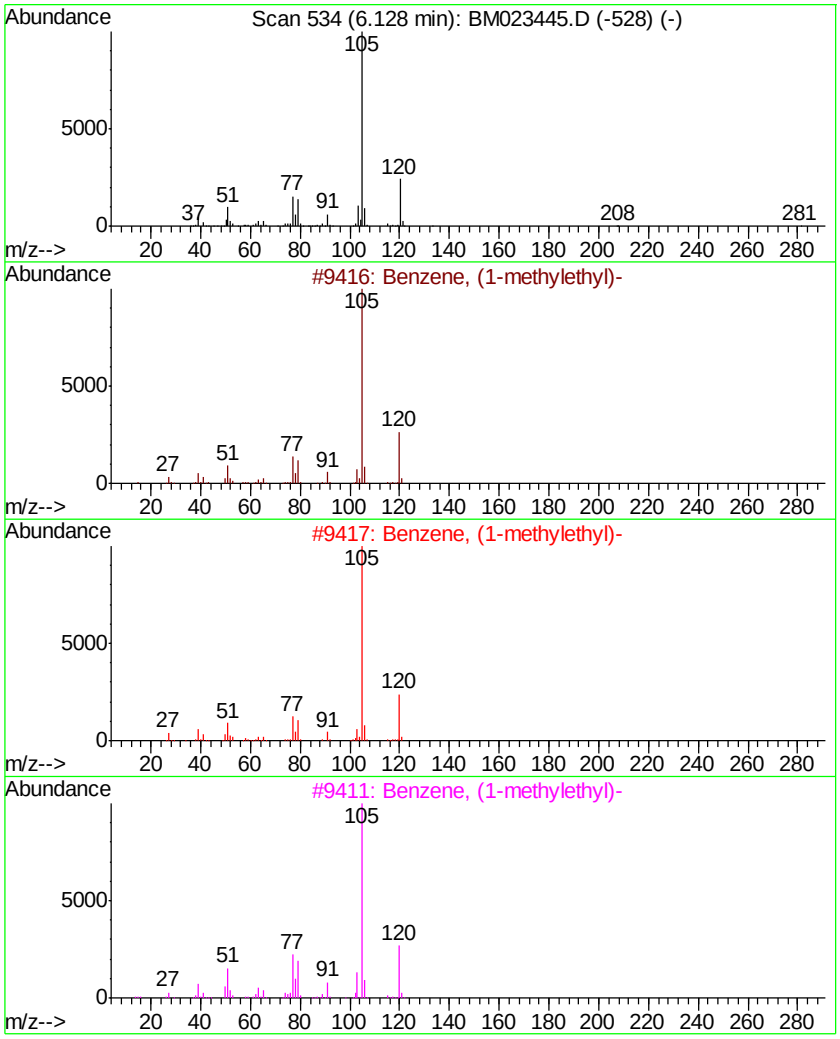
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

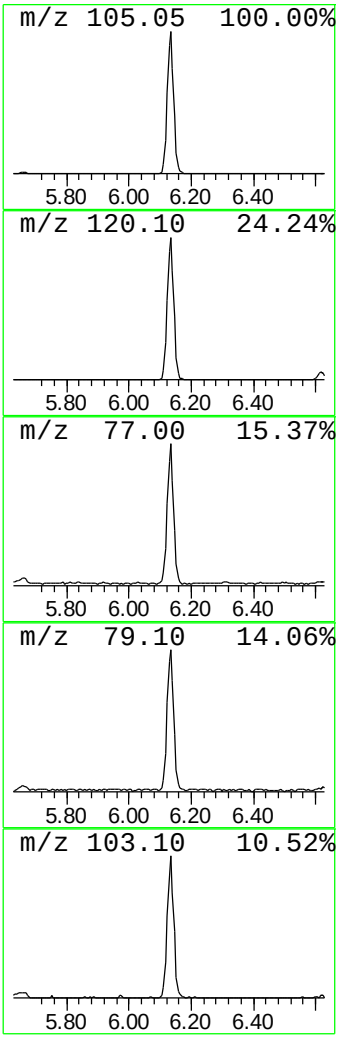
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.13 | 5.53 ng/ul | 923223 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

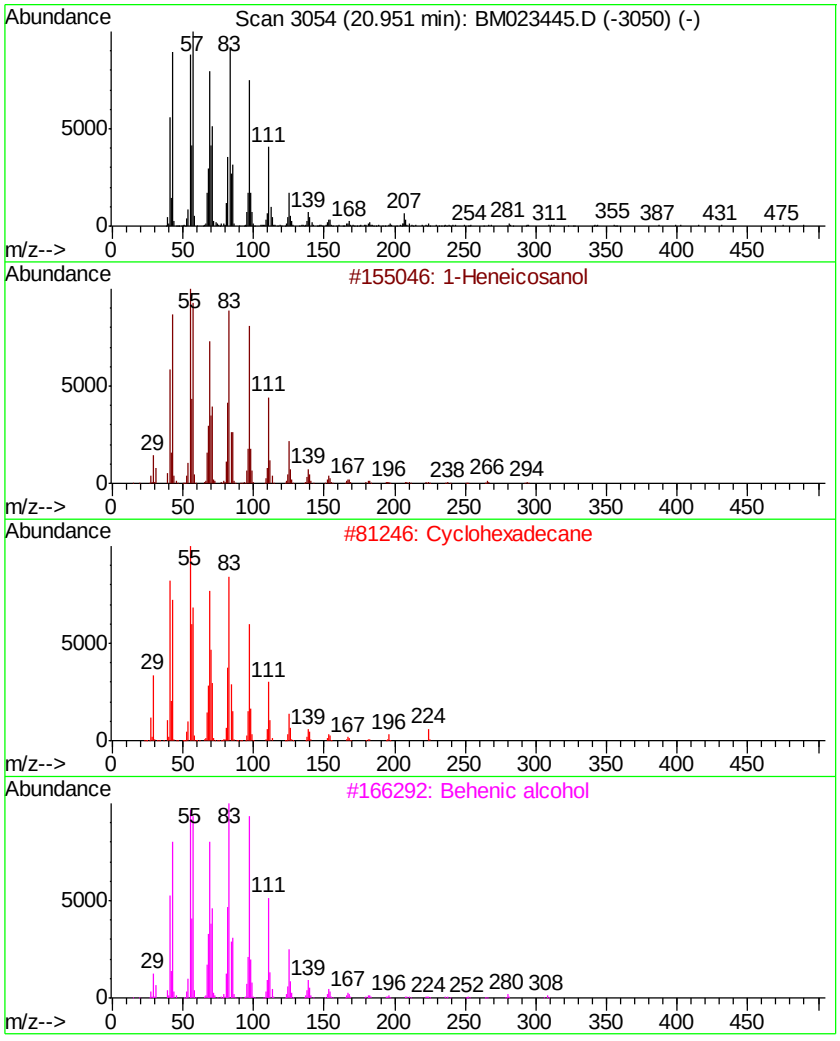
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

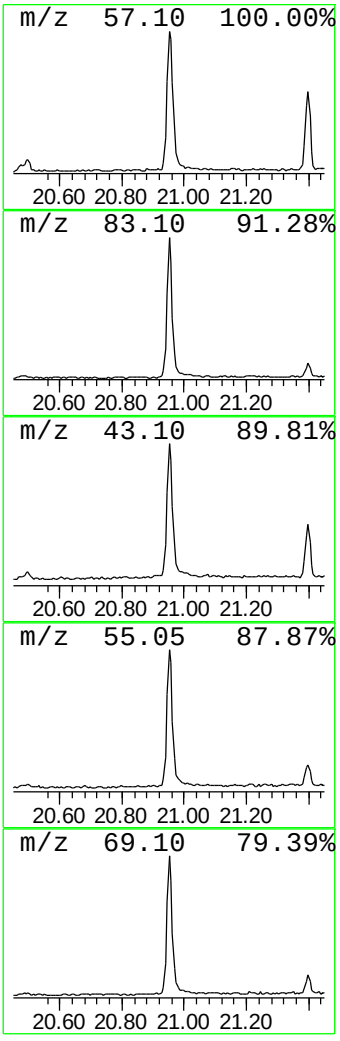
**********

Peak Number 4 1-Heneicosanol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.95 | 3.29 ng/ul | 1298030 | Chrysene-d12 | 21.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94 |
| 5 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

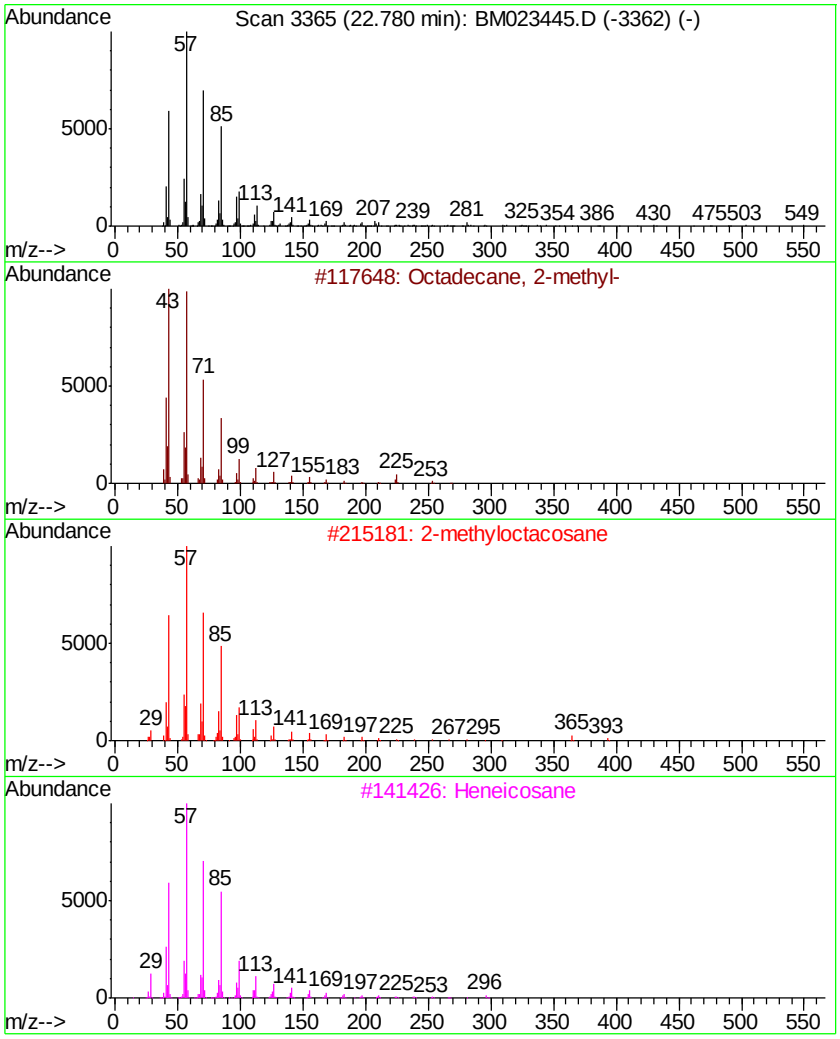
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

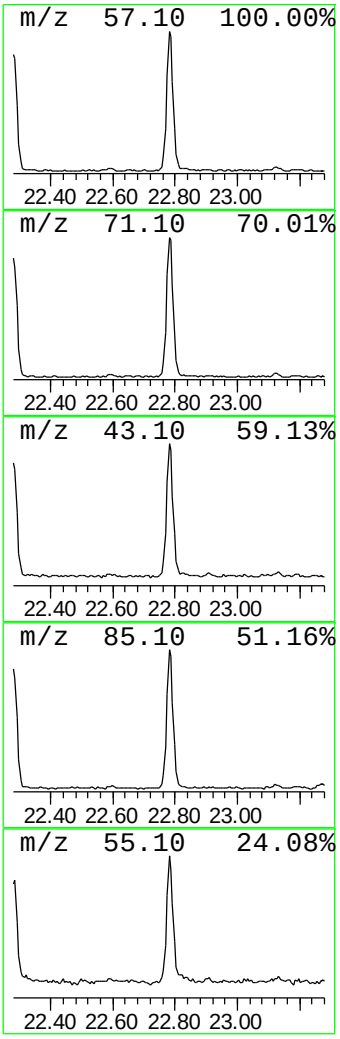
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.78 | 2.41 ng/ul | 1000330 | Perylene-d12 | 23.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 93 |
| 2 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 5 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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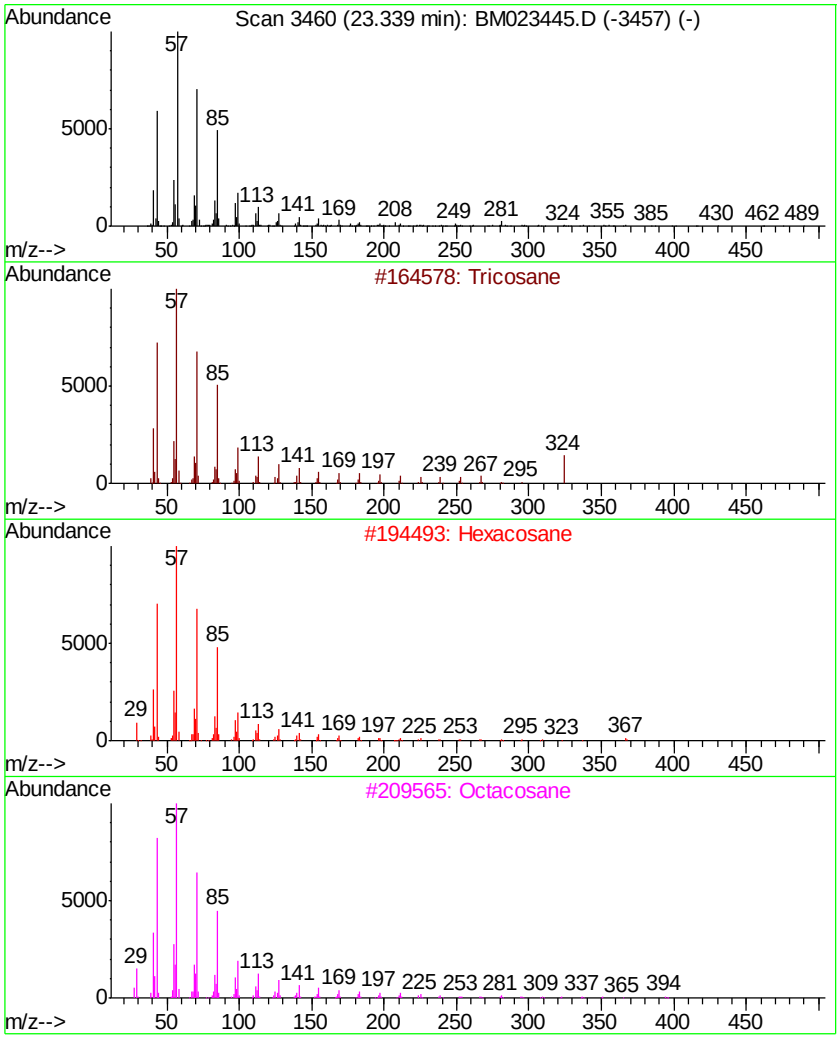
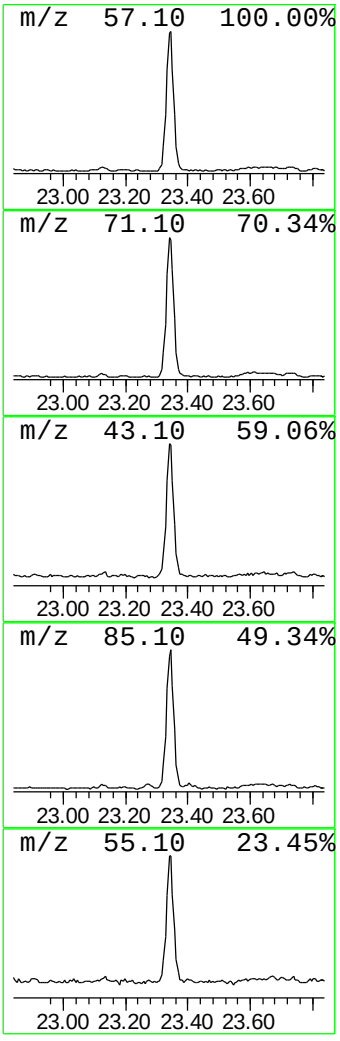
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.34 | 2.93 ng/ul | 1216800 | Perylene-d12 | 23.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 93 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 93 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

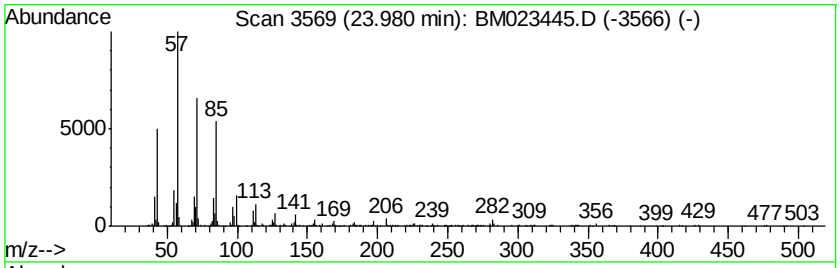
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

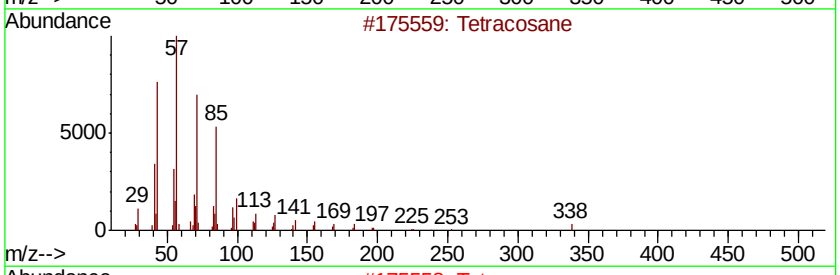
**********

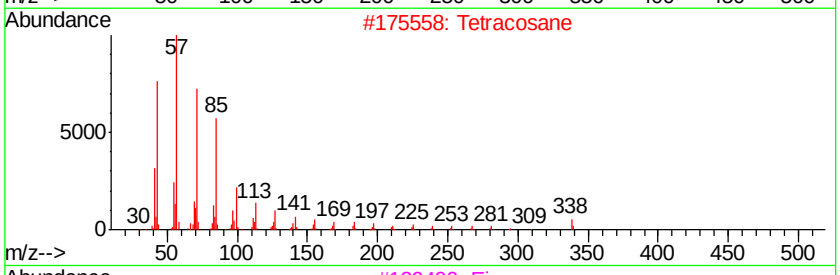
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

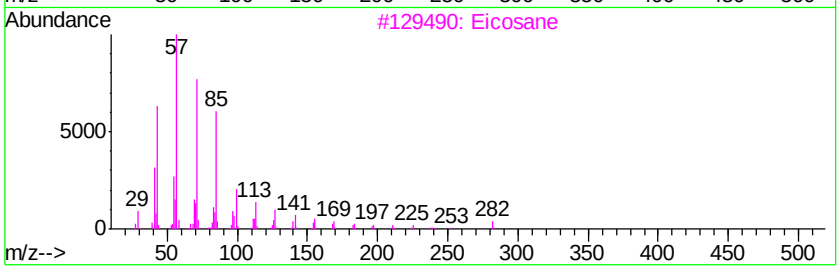
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.98 | 2.67 ng/ul | 1109260 | Perylene-d12 | 23.41 |

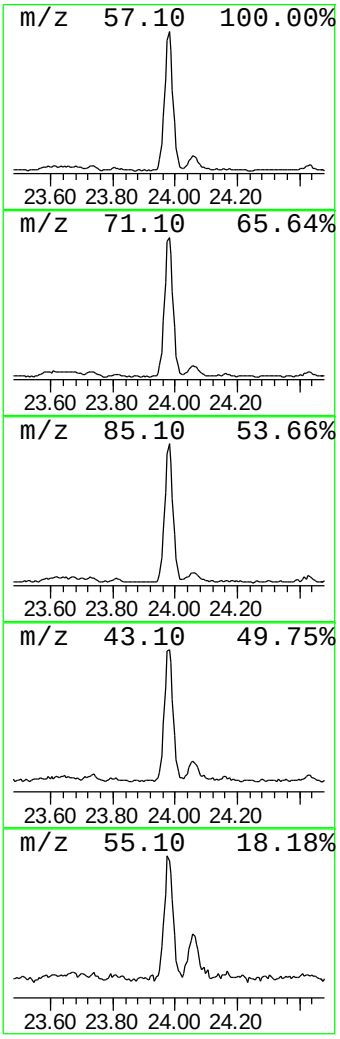
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 93 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 93 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102919\
Data File : BM023445.D
Acq On : 29 Oct 2019 16:32
Operator : JU
Sample : K5423-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE4H8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, chloro- | 4.97 | 3.3 | ng/ul | 548948 | 1 | 7.62 | 3339690 | 20.0 |
| p-Xylene | 5.32 | 2.7 | ng/ul | 450255 | 1 | 7.62 | 3339690 | 20.0 |
| Benzene, (1-methy... | 6.13 | 5.5 | ng/ul | 923223 | 1 | 7.62 | 3339690 | 20.0 |
| 1-Heneicosanol | 20.95 | 3.3 | ng/ul | 1298030 | 5 | 21.22 | 7879030 | 20.0 |
| (DEL) Alkane: Str... | 22.78 | 2.4 | ng/ul | 1000330 | 6 | 23.41 | 8309700 | 20.0 |
| (DEL) Alkane: Str... | 23.34 | 2.9 | ng/ul | 1216800 | 6 | 23.41 | 8309700 | 20.0 |
| (DEL) Alkane: Str... | 23.98 | 2.7 | ng/ul | 1109260 | 6 | 23.41 | 8309700 | 20.0 |