LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

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-BM032219MA.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 | 3.122 | 20 | 23 | 35 | rVB | 30675 | 58087 | 1.28% | 0.129% |
| 2 | 6.757 | 635 | 641 | 658 | rBV | 367874 | 727663 | 16.10% | 1.614% |
| 3 | 6.928 | 664 | 670 | 685 | rBV | 298711 | 573475 | 12.69% | 1.272% |
| 4 | 7.110 | 695 | 701 | 719 | rVB | 445426 | 783310 | 17.33% | 1.738% |
| 5 | 7.575 | 773 | 780 | 790 | rBV | 502160 | 830777 | 18.38% | 1.843% |
| 6 | 7.646 | 790 | 792 | 796 | rVB3 | 5944 | 7450 | 0.16% | 0.017% |
| 7 | 8.293 | 895 | 902 | 923 | rBV | 439841 | 860155 | 19.03% | 1.908% |
| 8 | 8.745 | 972 | 979 | 997 | rBV | 399732 | 721318 | 15.96% | 1.600% |
| 9 | 9.075 | 1030 | 1035 | 1041 | rVB2 | 15669 | 22874 | 0.51% | 0.051% |
| 10 | 9.457 | 1093 | 1100 | 1117 | rBV | 329725 | 606465 | 13.42% | 1.345% |
| 11 | 9.992 | 1184 | 1191 | 1211 | rBV | 444975 | 930410 | 20.58% | 2.064% |
| 12 | 10.351 | 1244 | 1252 | 1264 | rBV | 740694 | 1253415 | 27.73% | 2.781% |
| 13 | 10.522 | 1275 | 1281 | 1305 | rBV | 325640 | 843287 | 18.65% | 1.871% |
| 14 | 11.986 | 1523 | 1530 | 1531 | rBV | 3964 | 5236 | 0.12% | 0.012% |
| 15 | 13.033 | 1703 | 1708 | 1712 | rBV4 | 4546 | 7452 | 0.16% | 0.017% |
| 16 | 13.657 | 1808 | 1814 | 1819 | rBV | 995658 | 1404213 | 31.06% | 3.115% |
| 17 | 13.704 | 1819 | 1822 | 1833 | rVB | 142003 | 221859 | 4.91% | 0.492% |
| 18 | 13.927 | 1854 | 1860 | 1872 | rBV | 1210024 | 1759773 | 38.93% | 3.904% |
| 19 | 14.116 | 1889 | 1892 | 1896 | rBV5 | 4483 | 5902 | 0.13% | 0.013% |
| 20 | 14.192 | 1899 | 1905 | 1906 | rBV3 | 3934 | 5676 | 0.13% | 0.013% |
| 21 | 14.233 | 1906 | 1912 | 1924 | rVB2 | 1094653 | 1649338 | 36.48% | 3.659% |
| 22 | 14.492 | 1950 | 1956 | 1973 | rBV2 | 151193 | 484398 | 10.72% | 1.075% |
| 23 | 14.674 | 1982 | 1987 | 1996 | rVB4 | 11062 | 25645 | 0.57% | 0.057% |
| 24 | 15.074 | 2051 | 2055 | 2060 | rVB | 9981 | 11857 | 0.26% | 0.026% |
| 25 | 15.233 | 2076 | 2082 | 2094 | rBV | 1496716 | 2202058 | 48.71% | 4.885% |
| 26 | 15.380 | 2102 | 2107 | 2119 | rBV | 338571 | 554536 | 12.27% | 1.230% |
| 27 | 15.480 | 2120 | 2124 | 2128 | rVB2 | 19154 | 29202 | 0.65% | 0.065% |
| 28 | 15.816 | 2175 | 2181 | 2186 | rVB5 | 2962 | 7244 | 0.16% | 0.016% |
| 29 | 15.939 | 2199 | 2202 | 2206 | rBV3 | 6615 | 11183 | 0.25% | 0.025% |
| 30 | 15.986 | 2206 | 2210 | 2223 | rVB2 | 28579 | 68261 | 1.51% | 0.151% |
| 31 | 16.410 | 2277 | 2282 | 2287 | rBV7 | 6527 | 10715 | 0.24% | 0.024% |
| 32 | 16.739 | 2334 | 2338 | 2342 | rBV3 | 7078 | 8738 | 0.19% | 0.019% |
| 33 | 16.792 | 2342 | 2347 | 2351 | rVV2 | 5415 | 9172 | 0.20% | 0.020% |
| 34 | 16.904 | 2361 | 2366 | 2371 | rBV4 | 3711 | 7120 | 0.16% | 0.016% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

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-BM032219MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.992 | 2375 | 2381 | 2392 | rBV2 | 1481139 | 1993781 | 44.10% | 4.423% |
| 36 | 17.092 | 2392 | 2398 | 2410 | rBV | 1734647 | 2427106 | 53.69% | 5.384% |
| 37 | 17.339 | 2436 | 2440 | 2442 | rVB3 | 4787 | 5020 | 0.11% | 0.011% |
| 38 | 17.374 | 2442 | 2446 | 2453 | rBV7 | 5636 | 11667 | 0.26% | 0.026% |
| 39 | 17.480 | 2460 | 2464 | 2466 | rBV2 | 5666 | 7502 | 0.17% | 0.017% |
| 40 | 17.545 | 2471 | 2475 | 2480 | rVV2 | 62847 | 77051 | 1.70% | 0.171% |
| 41 | 17.610 | 2482 | 2486 | 2488 | rVV4 | 5458 | 6258 | 0.14% | 0.014% |
| 42 | 17.762 | 2509 | 2512 | 2517 | rVB4 | 4751 | 6303 | 0.14% | 0.014% |
| 43 | 17.827 | 2517 | 2523 | 2526 | rBV3 | 21782 | 30334 | 0.67% | 0.067% |
| 44 | 17.886 | 2526 | 2533 | 2550 | rVV | 249219 | 423171 | 9.36% | 0.939% |
| 45 | 18.174 | 2578 | 2582 | 2589 | rBV6 | 13158 | 21393 | 0.47% | 0.047% |
| 46 | 18.262 | 2591 | 2597 | 2604 | rBV6 | 117661 | 233152 | 5.16% | 0.517% |
| 47 | 18.392 | 2616 | 2619 | 2622 | rVB5 | 4556 | 5799 | 0.13% | 0.013% |
| 48 | 18.433 | 2624 | 2626 | 2630 | rVB4 | 25342 | 28769 | 0.64% | 0.064% |
| 49 | 18.510 | 2635 | 2639 | 2642 | rVB6 | 3363 | 4863 | 0.11% | 0.011% |
| 50 | 18.545 | 2642 | 2645 | 2650 | rBV4 | 13401 | 20994 | 0.46% | 0.047% |
| 51 | 18.657 | 2659 | 2664 | 2668 | rBV2 | 63137 | 80430 | 1.78% | 0.178% |
| 52 | 18.757 | 2676 | 2681 | 2686 | rVB | 138603 | 171310 | 3.79% | 0.380% |
| 53 | 18.810 | 2686 | 2690 | 2694 | rBV6 | 25415 | 34446 | 0.76% | 0.076% |
| 54 | 18.886 | 2699 | 2703 | 2708 | rVB7 | 16241 | 21418 | 0.47% | 0.048% |
| 55 | 18.945 | 2709 | 2713 | 2715 | rBV4 | 14046 | 13467 | 0.30% | 0.030% |
| 56 | 18.992 | 2716 | 2721 | 2723 | rVV5 | 20693 | 32937 | 0.73% | 0.073% |
| 57 | 19.021 | 2723 | 2726 | 2730 | rVV4 | 78626 | 115248 | 2.55% | 0.256% |
| 58 | 19.092 | 2734 | 2738 | 2744 | rVV2 | 134940 | 189269 | 4.19% | 0.420% |
| 59 | 19.157 | 2744 | 2749 | 2752 | rVV2 | 248968 | 369763 | 8.18% | 0.820% |
| 60 | 19.198 | 2752 | 2756 | 2764 | rVV | 736565 | 1023820 | 22.65% | 2.271% |
| 61 | 19.292 | 2768 | 2772 | 2775 | rVV | 21256 | 33347 | 0.74% | 0.074% |
| 62 | 19.362 | 2778 | 2784 | 2786 | rVV | 867395 | 1258194 | 27.83% | 2.791% |
| 63 | 19.404 | 2786 | 2791 | 2801 | rVV | 2168947 | 3605251 | 79.75% | 7.998% |
| 64 | 19.504 | 2805 | 2808 | 2815 | rVB7 | 19833 | 30734 | 0.68% | 0.068% |
| 65 | 19.609 | 2822 | 2826 | 2830 | rBV5 | 30739 | 37044 | 0.82% | 0.082% |
| 66 | 19.709 | 2840 | 2843 | 2844 | rBV3 | 12064 | 10638 | 0.24% | 0.024% |
| 67 | 19.739 | 2844 | 2848 | 2851 | rVV | 89326 | 89648 | 1.98% | 0.199% |
| 68 | 19.774 | 2851 | 2854 | 2861 | rVB | 119930 | 145887 | 3.23% | 0.324% |
| 69 | 19.851 | 2863 | 2867 | 2872 | rVB8 | 18397 | 31439 | 0.70% | 0.070% |
| 70 | 19.909 | 2874 | 2877 | 2879 | rBV3 | 20126 | 23880 | 0.53% | 0.053% |
| 71 | 20.039 | 2897 | 2899 | 2903 | rVB5 | 30059 | 26156 | 0.58% | 0.058% |

LSC Area Percent Report

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Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

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-BM032219MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 20.133 | 2910 | 2915 | 2919 | rBV | 163947 | 203405 | 4.50% | 0.451% |
| 73 | 20.215 | 2927 | 2929 | 2933 | rVB5 | 27303 | 23465 | 0.52% | 0.052% |
| 74 | 20.339 | 2948 | 2950 | 2954 | rVB4 | 31249 | 32353 | 0.72% | 0.072% |
| 75 | 20.433 | 2962 | 2966 | 2969 | rBV2 | 34137 | 39802 | 0.88% | 0.088% |
| 76 | 20.715 | 3011 | 3014 | 3016 | rBV3 | 33362 | 34747 | 0.77% | 0.077% |
| 77 | 20.751 | 3017 | 3020 | 3024 | rVB2 | 43368 | 48287 | 1.07% | 0.107% |
| 78 | 20.898 | 3041 | 3045 | 3056 | rBV | 693016 | 882643 | 19.52% | 1.958% |
| 79 | 21.103 | 3077 | 3080 | 3084 | rBV | 68216 | 76074 | 1.68% | 0.169% |
| 80 | 21.198 | 3091 | 3096 | 3110 | rBV | 2210188 | 2887099 | 63.86% | 6.405% |
| 81 | 21.333 | 3116 | 3119 | 3128 | rBV | 117927 | 161499 | 3.57% | 0.358% |
| 82 | 21.445 | 3135 | 3138 | 3142 | rVB | 83888 | 95259 | 2.11% | 0.211% |
| 83 | 21.762 | 3188 | 3192 | 3195 | rBV | 203287 | 251639 | 5.57% | 0.558% |
| 84 | 22.209 | 3264 | 3268 | 3276 | rBV | 326026 | 445625 | 9.86% | 0.989% |
| 85 | 22.333 | 3286 | 3289 | 3296 | rVB | 102919 | 135689 | 3.00% | 0.301% |
| 86 | 22.703 | 3348 | 3352 | 3357 | rVB | 403649 | 554299 | 12.26% | 1.230% |
| 87 | 23.262 | 3440 | 3447 | 3457 | rBV | 2424942 | 4520741 | 100.00% | 10.029% |
| 88 | 23.403 | 3464 | 3471 | 3484 | rVB | 1808946 | 3289245 | 72.76% | 7.297% |
| 89 | 23.874 | 3546 | 3551 | 3560 | rVB | 391752 | 724648 | 16.03% | 1.608% |
| 90 | 23.974 | 3563 | 3568 | 3579 | rVB | 203430 | 427329 | 9.45% | 0.948% |
| 91 | 24.597 | 3669 | 3674 | 3681 | rVB | 260776 | 559149 | 12.37% | 1.240% |
| 92 | 25.438 | 3812 | 3817 | 3824 | rBV3 | 147448 | 328335 | 7.26% | 0.728% |

Sum of corrected areas: 45077085

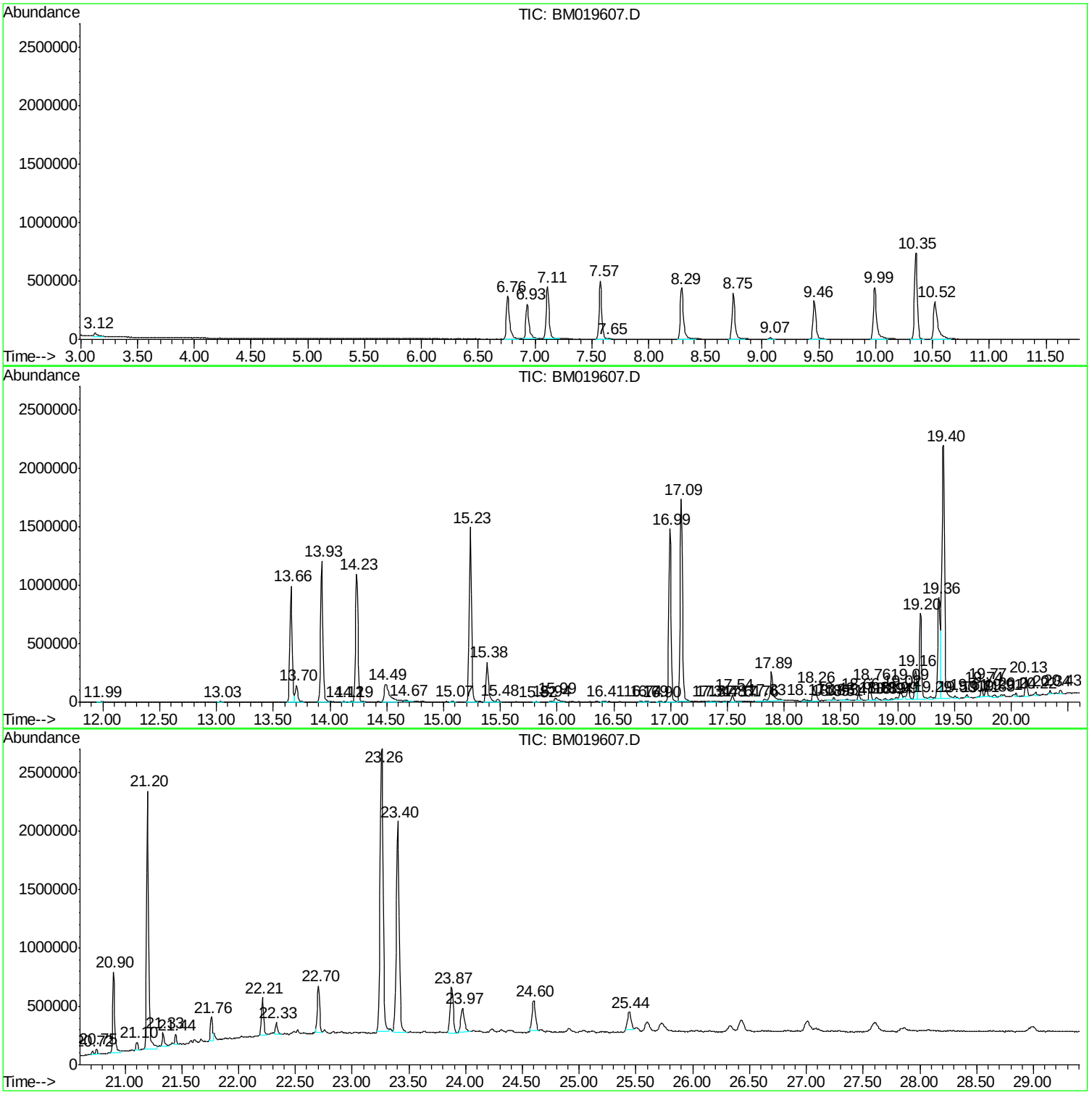
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

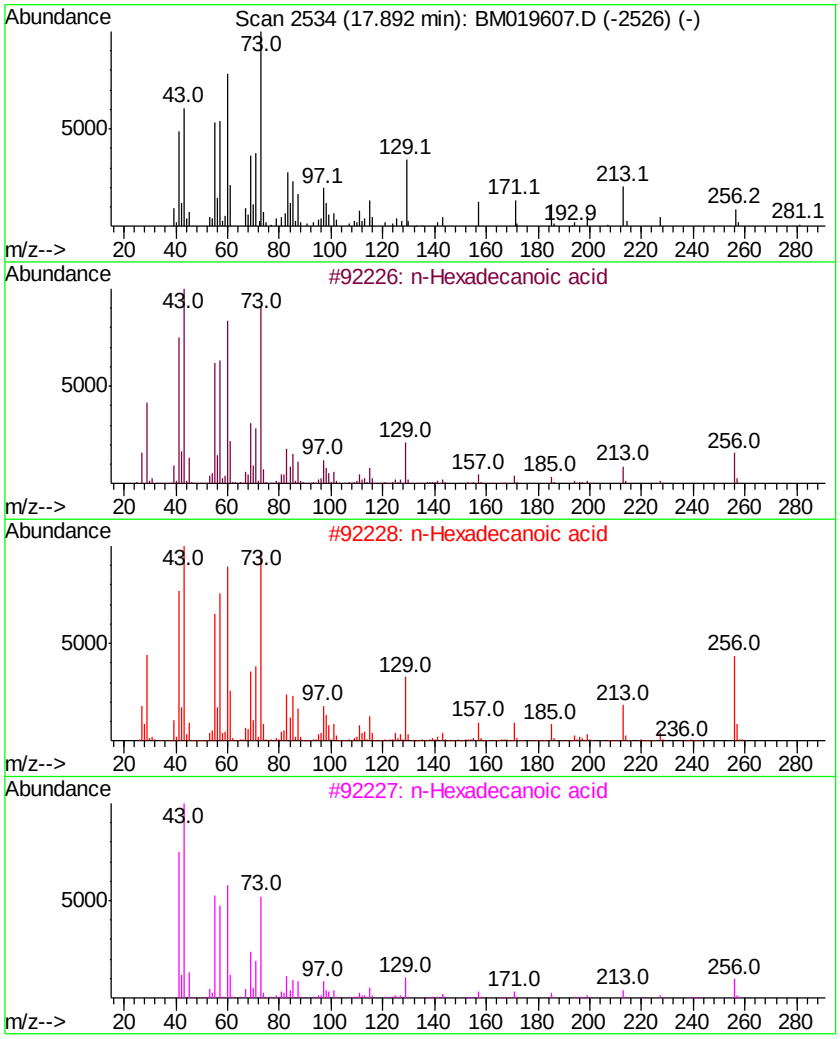
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

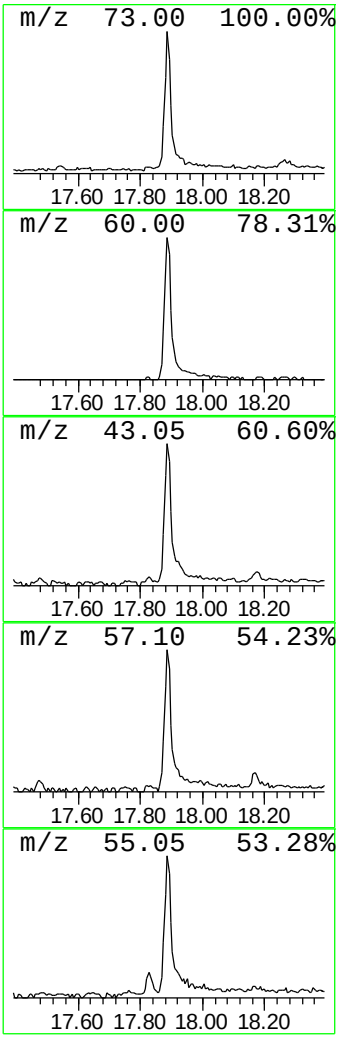
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.89 | 4.24 ng/ul | 423171 | Phenanthrene-d10 | 16.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 72 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 64 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

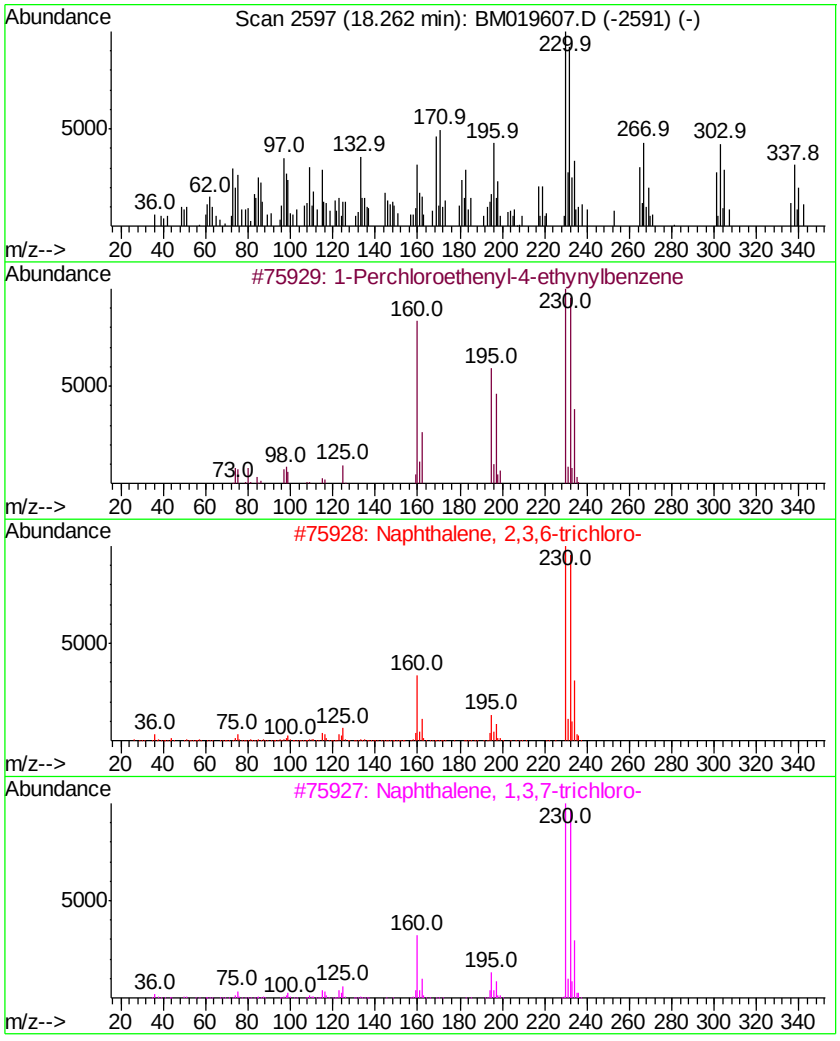
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

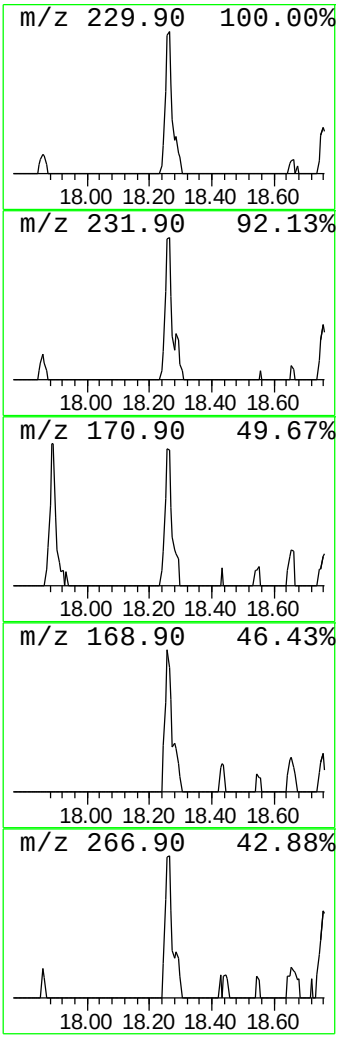
**********

Peak Number 2 unknown-01 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.26 | 2.34 ng/ul | 233152 | Phenanthrene-d10 | 16.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Perchloroethenyl-4-ethynylbenzene | 230 | C10H5Cl3 | 1000283-76-9 | 42 |
| 2 | Naphthalene, 2,3,6-trichloro- | 230 | C10H5Cl3 | 055720-40-6 | 42 |
| 3 | Naphthalene, 1,3,7-trichloro- | 230 | C10H5Cl3 | 055720-37-1 | 38 |
| 4 | 2,4,5,6-Tetrachloro-pyridin-3-yl... | 230 | C5H2Cl4N2 | 1000277-70-7 | 30 |
| 5 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 30 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

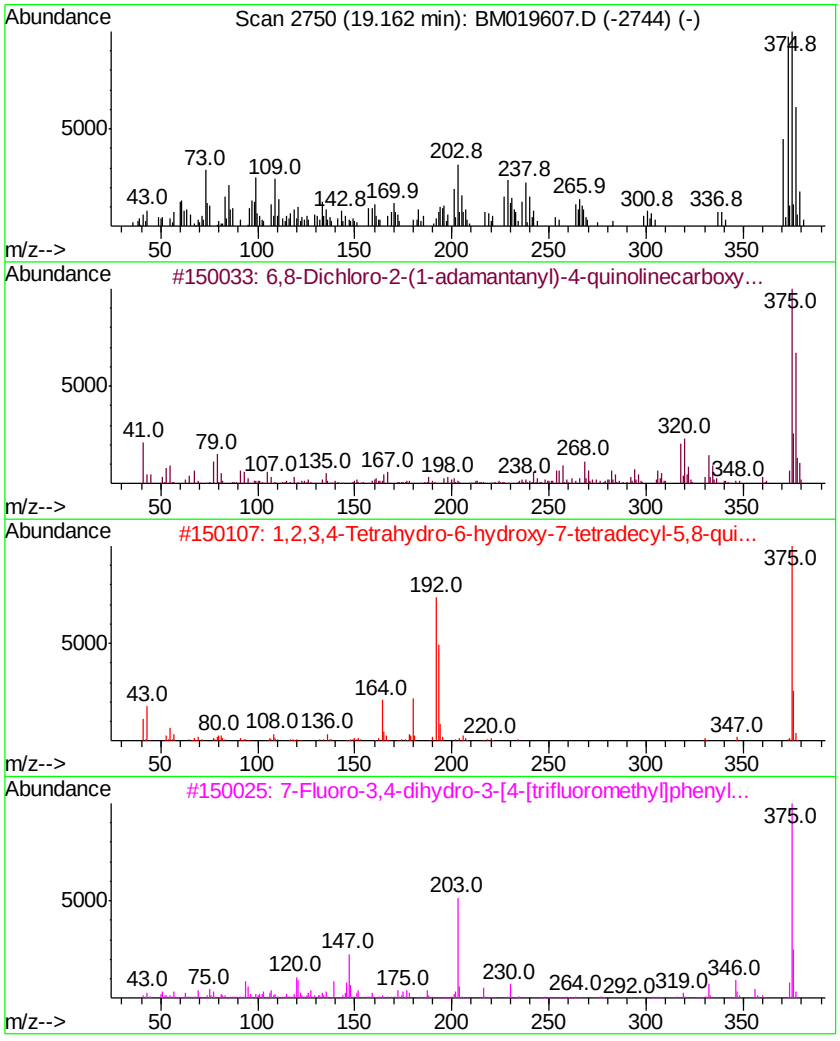
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

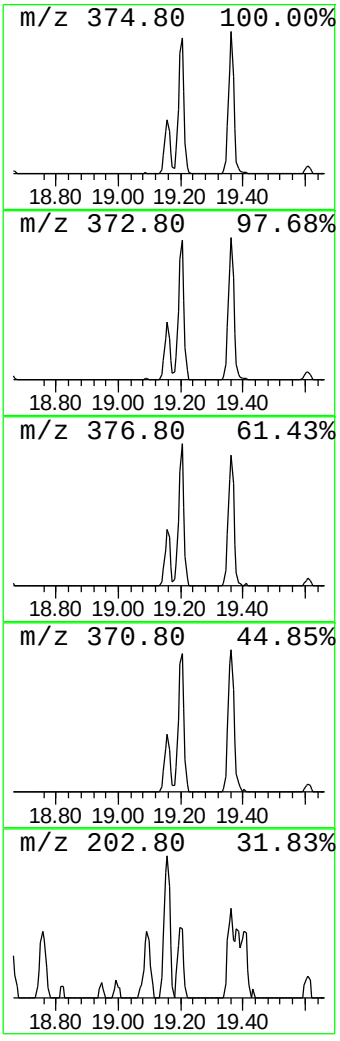
**********

Peak Number 3 unknown-02 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.16 | 2.56 ng/ul | 369763 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6,8-Dichloro-2-(1-adamantanyl)-4... | 375 | C20H19Cl2NO2 | 049647-91-8 | 25 |
| 2 | 1,2,3,4-Tetrahydro-6-hydroxy-7-t... | 375 | C23H37NO3 | 035089-13-5 | 14 |
| 3 | 7-Fluoro-3,4-dihydro-3-[4-[trifl... | 375 | C20H13F4NO2 | 144155-10-2 | 14 |
| 4 | 1,3,5,7,9-Pentaethyl-1-chlorocyc... | 404 | C10H29ClO5Si5 | 073420-28-7 | 13 |
| 5 | 3,9,11-Trichlorobenz[c]acridine-... | 375 | C18H8Cl3NO2 | 034623-46-6 | 12 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

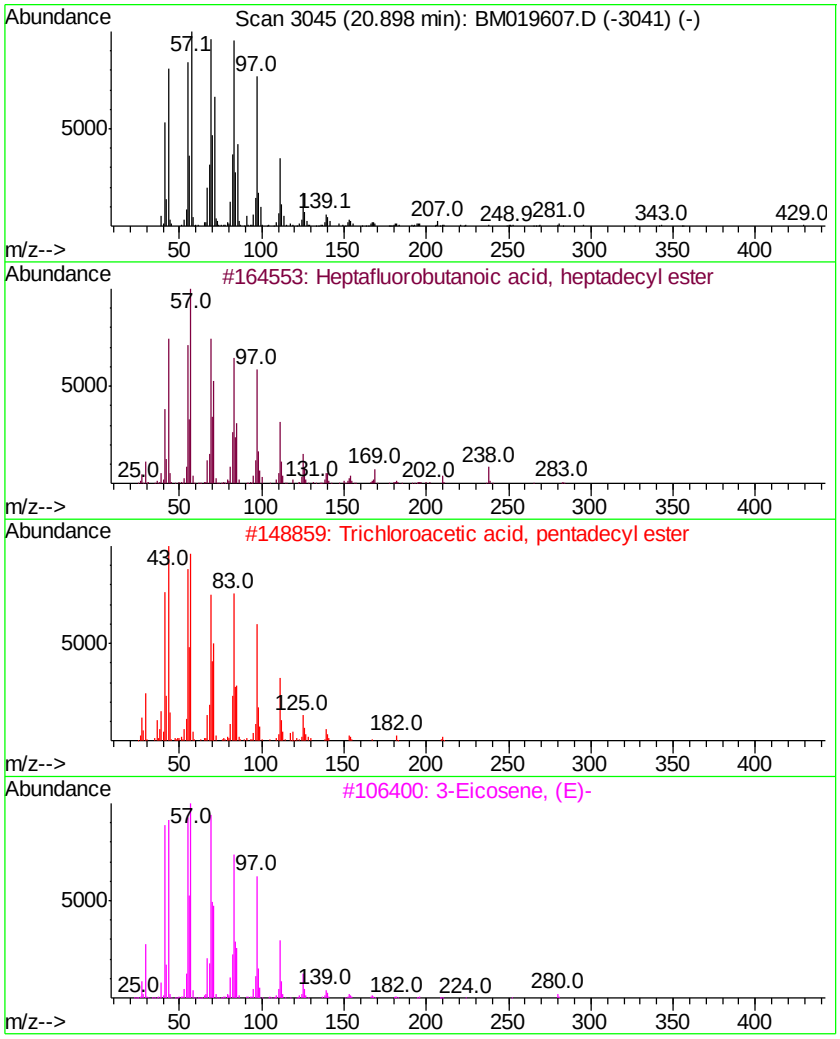
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

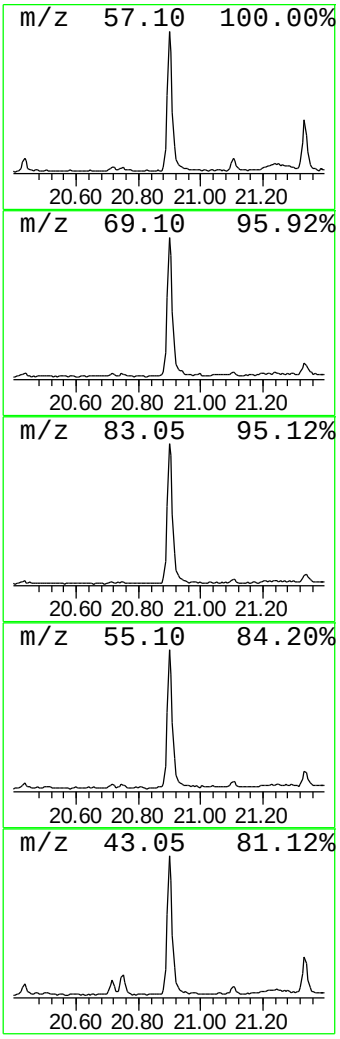
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.90 | 6.11 ng/ul | 882643 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptafluorobutanoic acid, heptad... | 452 | C21H35F7O2 | 1000282-97-3 | 93 |
| 2 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 91 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |
| 4 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 91 |
| 5 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
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Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

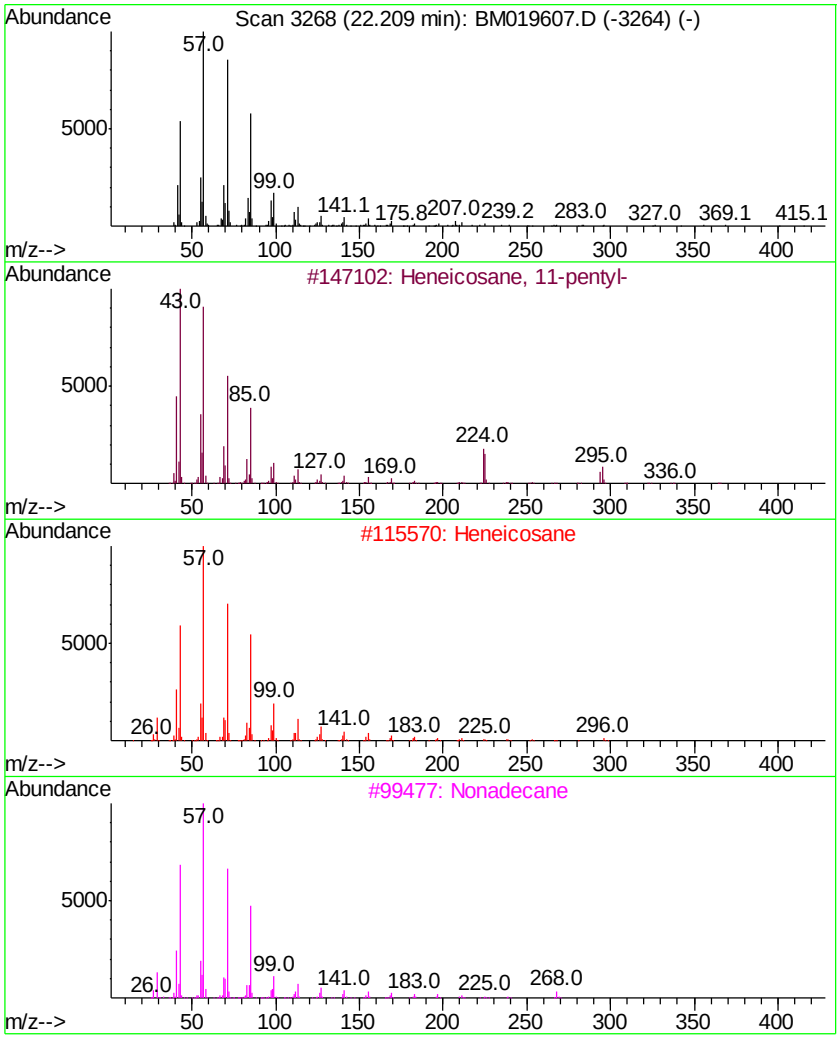
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

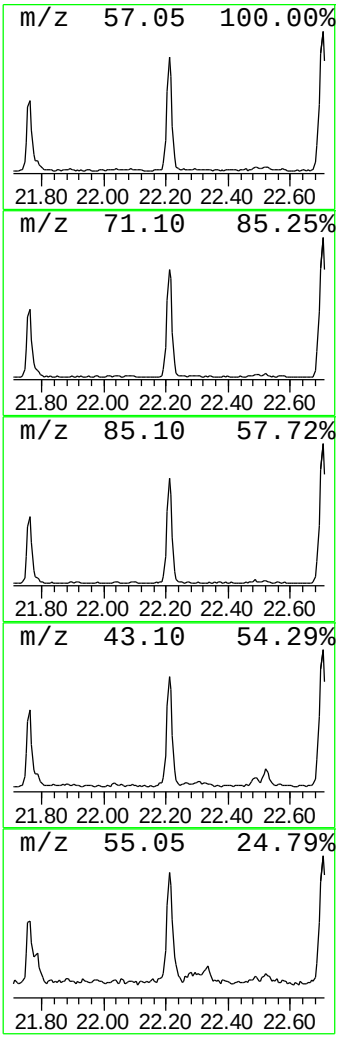
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.21 | 3.09 ng/ul | 445625 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane, 11-pentyl- | 366 | C26H54 | 014739-72-1 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 5 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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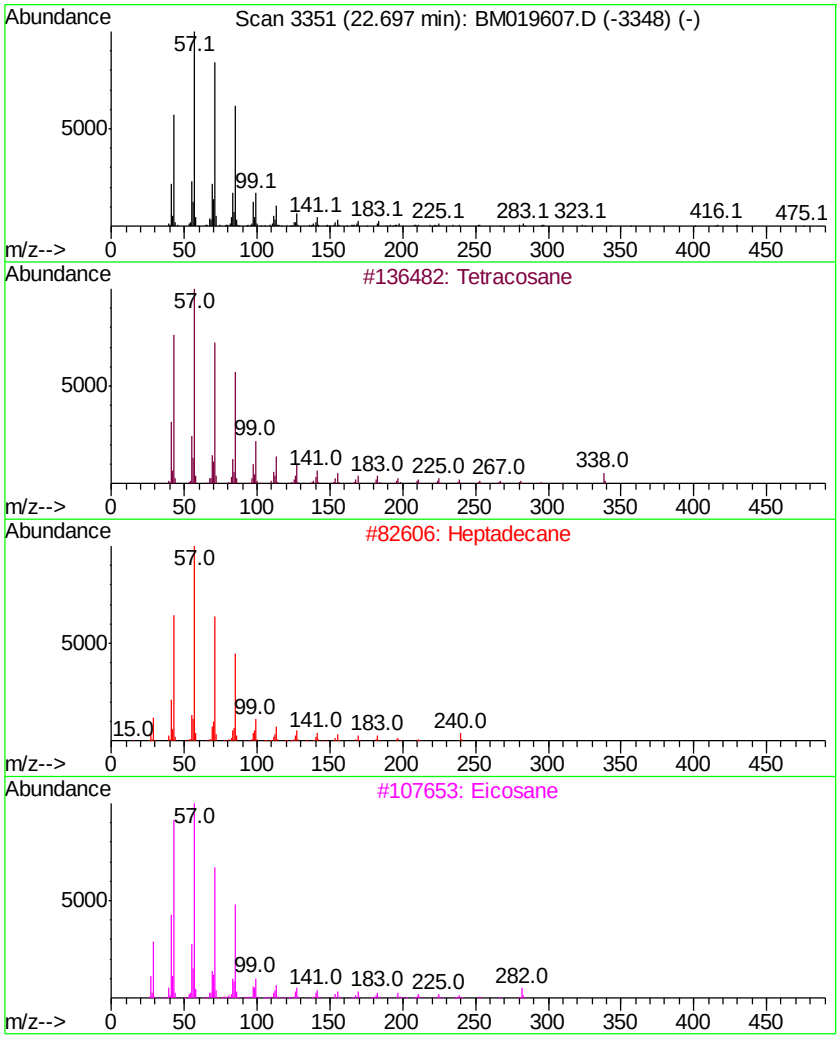
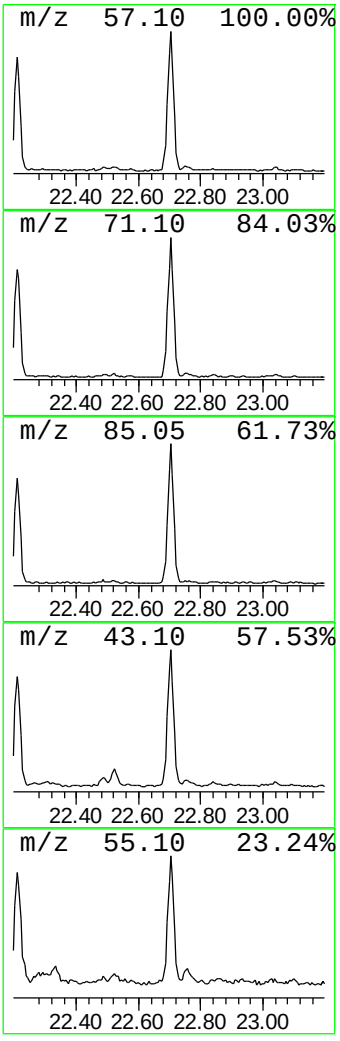
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.70 | 3.37 ng/ul | 554299 | Perylene-d12 | 23.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 87 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 86 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 81 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 70 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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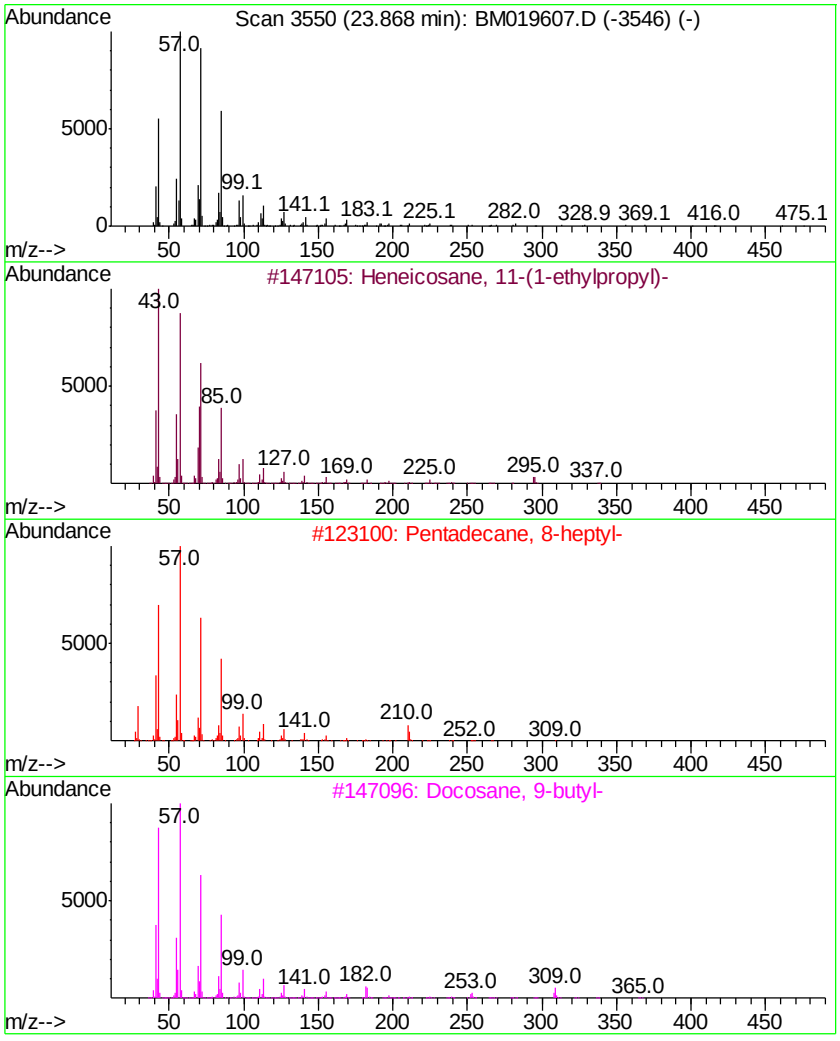
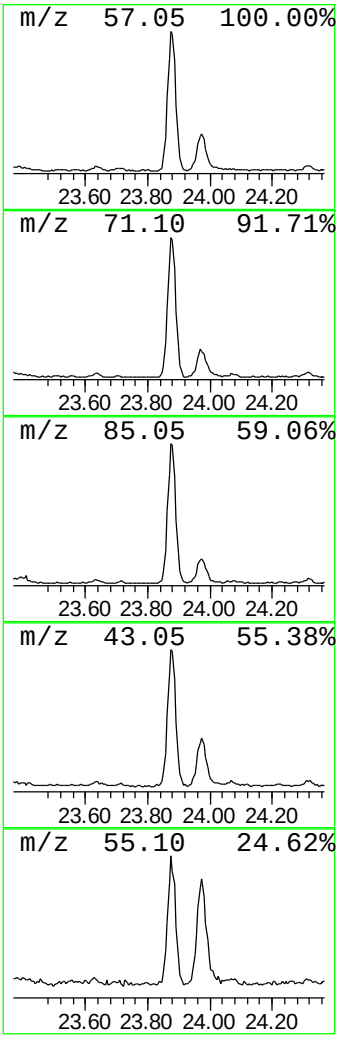
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.87 | 4.41 ng/ul | 724648 | Perylene-d12 | 23.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 91 |
| 2 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 91 |
| 3 | Docosane, 9-butyl- | 366 | C26H54 | 055282-14-9 | 90 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 90 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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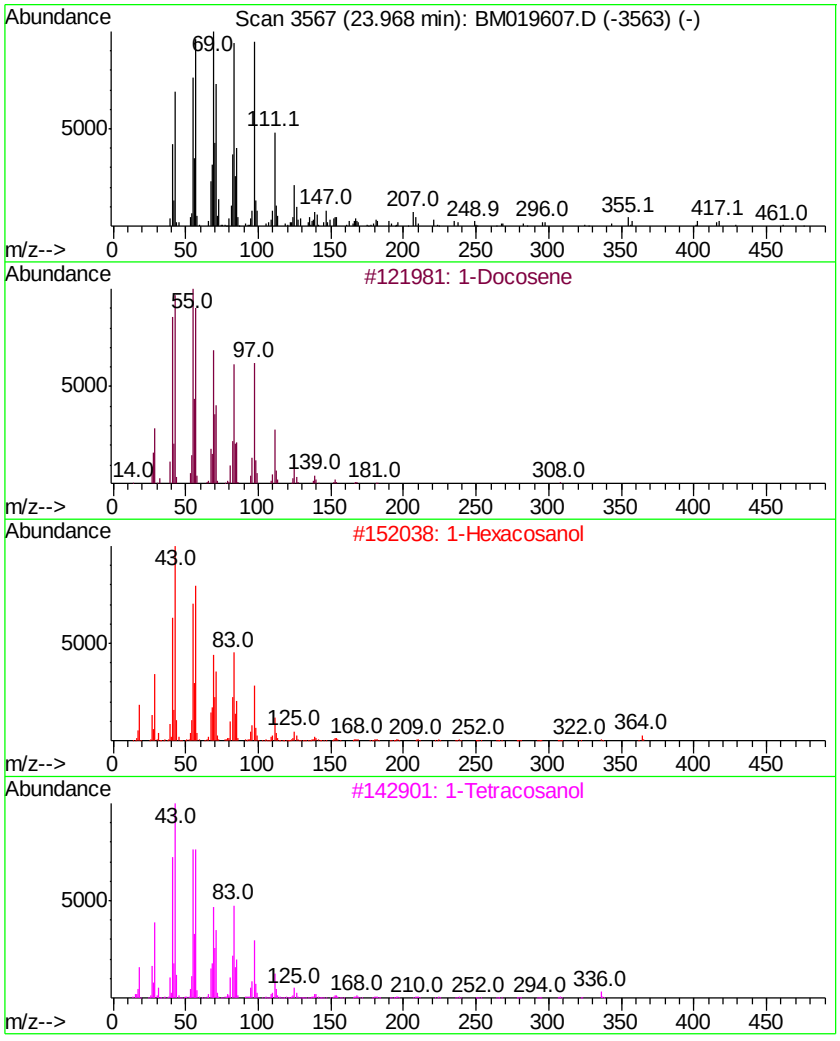
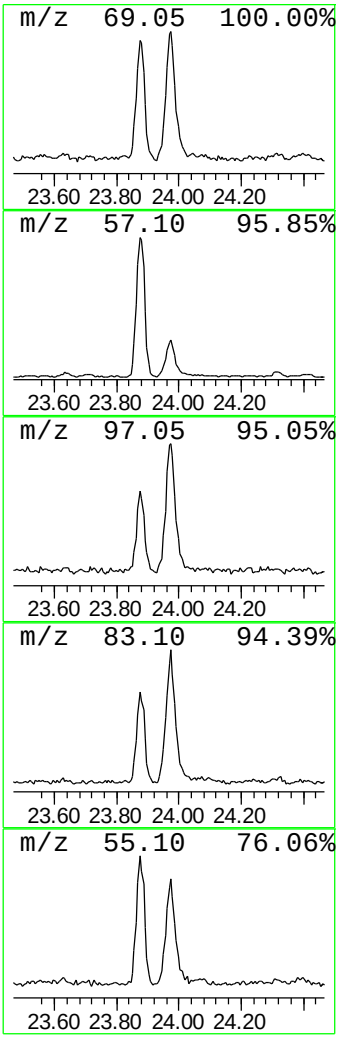
Peak Number 9 (DEL) Alkane: Cyclic23.97 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.97 | 2.60 ng/ul | 427329 | Perylene-d12 | 23.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 76 |
| 2 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 72 |
| 3 | 1-Tetracosanol | 354 | C24H50O | 000506-51-4 | 72 |
| 4 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 72 |
| 5 | 1-Heptadecene | 238 | C17H34 | 006765-39-5 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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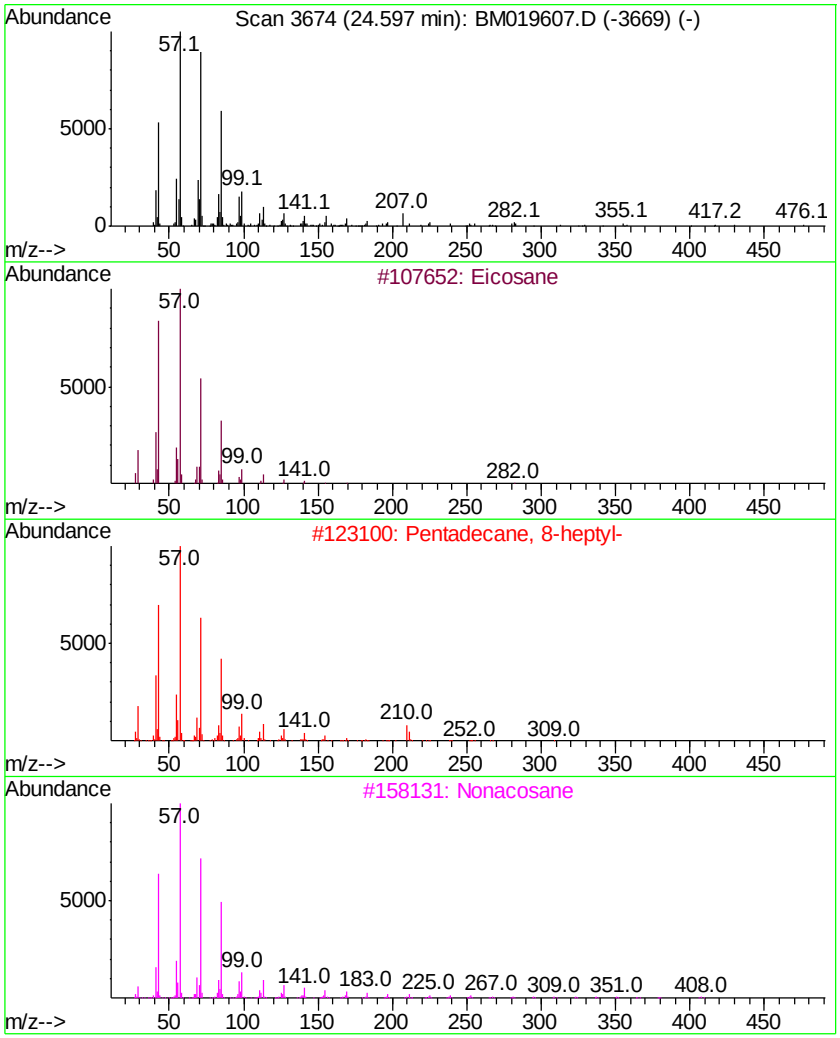
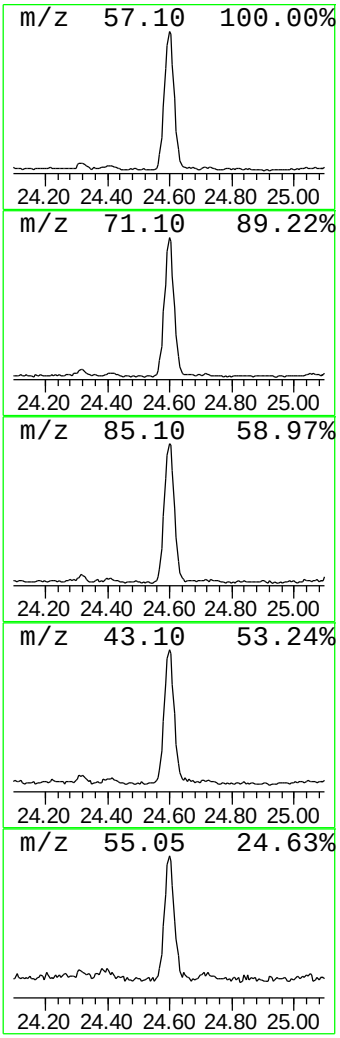
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.60 | 3.40 ng/ul | 559149 | Perylene-d12 | 23.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 92 |
| 2 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 91 |
| 3 | Nonacosane | 408 | C29H60 | 000630-03-5 | 91 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 5 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF5B9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic acid | 17.89 | 4.2 | ng/ul | 423171 | 4 | 16.99 | 1993780 | 20.0 |
| unknown-01 | 18.26 | 2.3 | ng/ul | 233152 | 4 | 16.99 | 1993780 | 20.0 |
| unknown-02 | 19.16 | 2.6 | ng/ul | 369763 | 5 | 21.20 | 2887100 | 20.0 |
| Heptafluorobutano... | 20.90 | 6.1 | ng/ul | 882643 | 5 | 21.20 | 2887100 | 20.0 |
| (DEL) Alkane: Str... | 22.21 | 3.1 | ng/ul | 445625 | 5 | 21.20 | 2887100 | 20.0 |
| (DEL) Alkane: Str... | 22.70 | 3.4 | ng/ul | 554299 | 6 | 23.40 | 3289250 | 20.0 |
| (DEL) Alkane: Str... | 23.87 | 4.4 | ng/ul | 724648 | 6 | 23.40 | 3289250 | 20.0 |
| (DEL) Alkane: Cyc... | 23.97 | 2.6 | ng/ul | 427329 | 6 | 23.40 | 3289250 | 20.0 |
| (DEL) Alkane: Str... | 24.60 | 3.4 | ng/ul | 559149 | 6 | 23.40 | 3289250 | 20.0 |