LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

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-BM010820MA.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 | 6.681 | 641 | 645 | 655 | rVB | 201296 | 329673 | 5.05% | 0.536% |
| 2 | 6.840 | 667 | 672 | 681 | rVB | 788507 | 1202637 | 18.43% | 1.957% |
| 3 | 7.034 | 699 | 705 | 712 | rBV | 838864 | 1288860 | 19.76% | 2.097% |
| 4 | 7.493 | 777 | 783 | 791 | rVB | 1117725 | 1713381 | 26.26% | 2.788% |
| 5 | 8.199 | 898 | 903 | 910 | rVB | 559491 | 843228 | 12.93% | 1.372% |
| 6 | 8.628 | 970 | 976 | 982 | rBV | 1095235 | 1693089 | 25.95% | 2.755% |
| 7 | 9.134 | 1060 | 1062 | 1066 | rBV3 | 27246 | 39582 | 0.61% | 0.064% |
| 8 | 9.346 | 1092 | 1098 | 1106 | rVB | 640147 | 1004786 | 15.40% | 1.635% |
| 9 | 9.881 | 1183 | 1189 | 1196 | rBV | 1096375 | 1753711 | 26.88% | 2.854% |
| 10 | 10.251 | 1246 | 1252 | 1261 | rVB | 1381489 | 2193423 | 33.62% | 3.569% |
| 11 | 10.387 | 1272 | 1275 | 1280 | rVB3 | 47707 | 77135 | 1.18% | 0.126% |
| 12 | 11.628 | 1483 | 1486 | 1492 | rVB4 | 38443 | 53329 | 0.82% | 0.087% |
| 13 | 11.851 | 1519 | 1524 | 1532 | rVB2 | 20298 | 41620 | 0.64% | 0.068% |
| 14 | 13.557 | 1808 | 1814 | 1819 | rBV | 2290931 | 3090369 | 47.37% | 5.029% |
| 15 | 13.604 | 1819 | 1822 | 1828 | rVB2 | 97130 | 132573 | 2.03% | 0.216% |
| 16 | 13.822 | 1852 | 1859 | 1868 | rBV | 2552986 | 3656031 | 56.04% | 5.949% |
| 17 | 14.134 | 1906 | 1912 | 1921 | rVB2 | 1969833 | 2824997 | 43.30% | 4.597% |
| 18 | 14.339 | 1942 | 1947 | 1960 | rBV2 | 120123 | 222869 | 3.42% | 0.363% |
| 19 | 14.604 | 1989 | 1992 | 1997 | rVB3 | 6407 | 11045 | 0.17% | 0.018% |
| 20 | 14.898 | 2040 | 2042 | 2043 | rBV2 | 8193 | 6739 | 0.10% | 0.011% |
| 21 | 15.133 | 2076 | 2082 | 2089 | rBV | 3189947 | 4459353 | 68.35% | 7.257% |
| 22 | 15.251 | 2097 | 2102 | 2110 | rBV | 635034 | 878392 | 13.46% | 1.429% |
| 23 | 15.381 | 2119 | 2124 | 2128 | rVB4 | 34759 | 53151 | 0.81% | 0.086% |
| 24 | 15.922 | 2211 | 2216 | 2221 | rVB7 | 10983 | 19326 | 0.30% | 0.031% |
| 25 | 16.563 | 2322 | 2325 | 2330 | rVB6 | 7147 | 11338 | 0.17% | 0.018% |
| 26 | 16.669 | 2339 | 2343 | 2347 | rBV3 | 13516 | 18247 | 0.28% | 0.030% |
| 27 | 16.710 | 2348 | 2350 | 2353 | rVV4 | 7334 | 7976 | 0.12% | 0.013% |
| 28 | 16.769 | 2356 | 2360 | 2368 | rVB6 | 8188 | 19659 | 0.30% | 0.032% |
| 29 | 16.886 | 2374 | 2380 | 2386 | rBV | 2406789 | 3315875 | 50.83% | 5.396% |
| 30 | 16.980 | 2390 | 2396 | 2403 | rBV | 3535716 | 4939421 | 75.71% | 8.038% |
| 31 | 17.204 | 2433 | 2434 | 2438 | rVB3 | 9963 | 10142 | 0.16% | 0.017% |
| 32 | 17.310 | 2448 | 2452 | 2455 | rBV7 | 15895 | 22336 | 0.34% | 0.036% |
| 33 | 17.439 | 2469 | 2474 | 2477 | rBV4 | 3258 | 7753 | 0.12% | 0.013% |
| 34 | 17.827 | 2535 | 2540 | 2547 | rBV3 | 146482 | 215492 | 3.30% | 0.351% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

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-BM010820MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 17.892 | 2547 | 2551 | 2554 | rVB4 | 9308 | 13878 | 0.21% | 0.023% |
| 36 | 18.110 | 2585 | 2588 | 2590 | rBV3 | 10586 | 10978 | 0.17% | 0.018% |
| 37 | 18.263 | 2610 | 2614 | 2620 | rVB7 | 16760 | 22736 | 0.35% | 0.037% |
| 38 | 18.321 | 2622 | 2624 | 2627 | rBV3 | 5262 | 6599 | 0.10% | 0.011% |
| 39 | 18.392 | 2632 | 2636 | 2639 | rBV5 | 4545 | 7385 | 0.11% | 0.012% |
| 40 | 18.498 | 2650 | 2654 | 2657 | rBV5 | 5969 | 8453 | 0.13% | 0.014% |
| 41 | 18.539 | 2658 | 2661 | 2668 | rVB6 | 11975 | 17716 | 0.27% | 0.029% |
| 42 | 18.645 | 2674 | 2679 | 2682 | rBV7 | 11287 | 16558 | 0.25% | 0.027% |
| 43 | 18.680 | 2682 | 2685 | 2691 | rVV4 | 34344 | 50780 | 0.78% | 0.083% |
| 44 | 18.780 | 2698 | 2702 | 2703 | rBV4 | 5722 | 7633 | 0.12% | 0.012% |
| 45 | 18.921 | 2720 | 2726 | 2731 | rBV | 42559 | 63536 | 0.97% | 0.103% |
| 46 | 19.116 | 2754 | 2759 | 2763 | rVV4 | 72565 | 100865 | 1.55% | 0.164% |
| 47 | 19.168 | 2765 | 2768 | 2774 | rVV | 38003 | 57352 | 0.88% | 0.093% |
| 48 | 19.216 | 2774 | 2776 | 2780 | rVV5 | 5720 | 9034 | 0.14% | 0.015% |
| 49 | 19.286 | 2782 | 2788 | 2797 | rVB | 4613006 | 6070265 | 93.05% | 9.878% |
| 50 | 19.563 | 2833 | 2835 | 2838 | rBV4 | 5994 | 7500 | 0.11% | 0.012% |
| 51 | 19.727 | 2861 | 2863 | 2865 | rBV3 | 9051 | 10209 | 0.16% | 0.017% |
| 52 | 19.863 | 2882 | 2886 | 2889 | rBV5 | 15023 | 19702 | 0.30% | 0.032% |
| 53 | 19.904 | 2890 | 2893 | 2894 | rBV3 | 13966 | 9330 | 0.14% | 0.015% |
| 54 | 20.404 | 2975 | 2978 | 2982 | rBV5 | 19923 | 29099 | 0.45% | 0.047% |
| 55 | 20.851 | 3050 | 3054 | 3060 | rBV2 | 287784 | 437629 | 6.71% | 0.712% |
| 56 | 21.092 | 3090 | 3095 | 3100 | rBV | 3163858 | 3900770 | 59.79% | 6.348% |
| 57 | 21.304 | 3128 | 3131 | 3135 | rBV | 135625 | 141289 | 2.17% | 0.230% |
| 58 | 21.727 | 3200 | 3203 | 3209 | rBV | 261615 | 302934 | 4.64% | 0.493% |
| 59 | 22.174 | 3275 | 3279 | 3286 | rVB | 414563 | 511759 | 7.84% | 0.833% |
| 60 | 22.662 | 3357 | 3362 | 3369 | rVB | 489773 | 675421 | 10.35% | 1.099% |
| 61 | 23.092 | 3428 | 3435 | 3443 | rVB | 3743361 | 6523990 | 100.00% | 10.616% |
| 62 | 23.221 | 3449 | 3457 | 3466 | rVB | 2508123 | 5053920 | 77.47% | 8.224% |
| 63 | 23.815 | 3553 | 3558 | 3563 | rBV | 377724 | 657679 | 10.08% | 1.070% |
| 64 | 24.521 | 3673 | 3678 | 3687 | rVB2 | 267145 | 550089 | 8.43% | 0.895% |

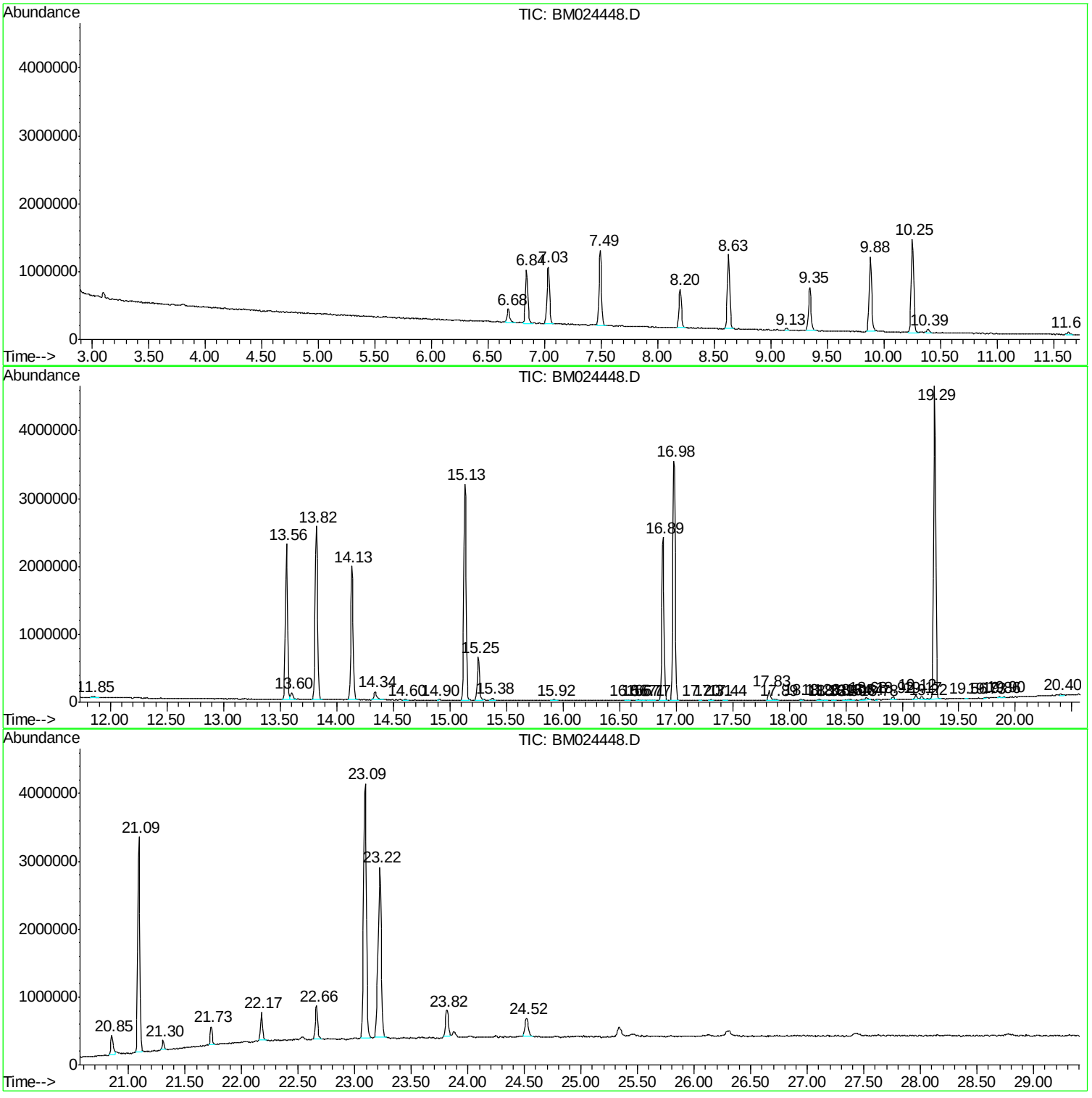
Sum of corrected areas: 61452626

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

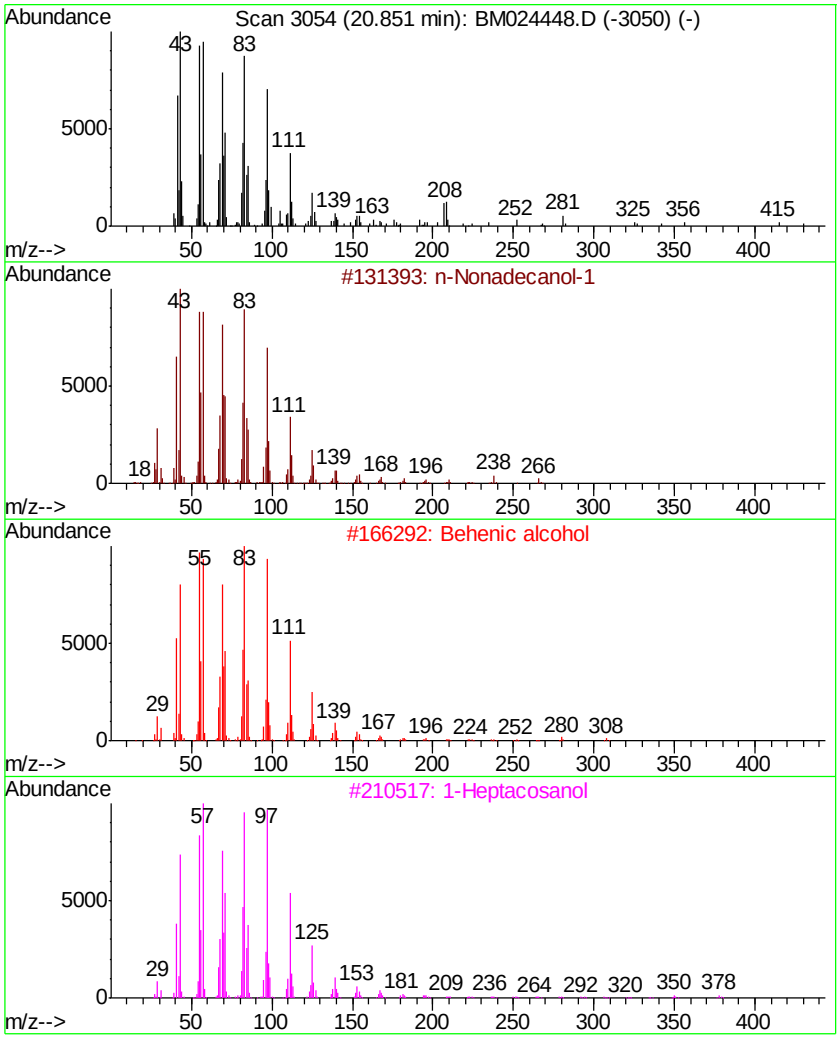
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

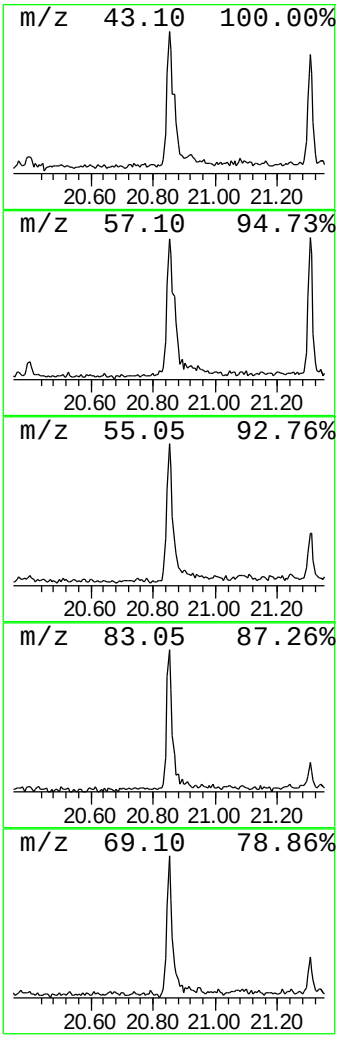
**********

Peak Number 1 n-Nonadecanol-1 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.85 | 2.24 ng/ul | 437629 | Chrysene-d12 | 21.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 95 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 3 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 4 | Bromoacetic acid, hexadecyl ester | 362 | C18H35BrO2 | 005454-48-8 | 94 |
| 5 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 94 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

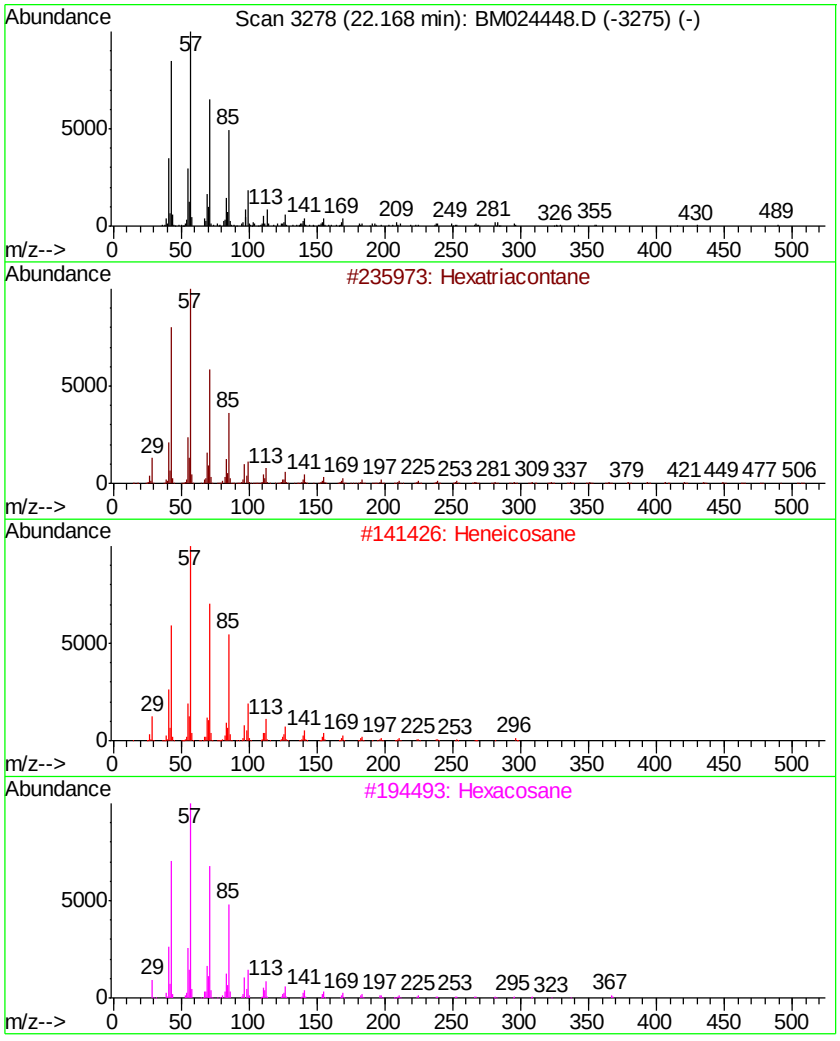
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

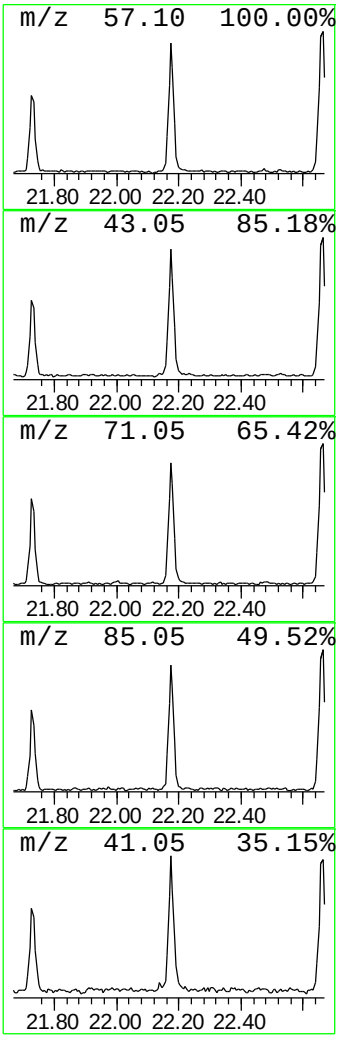
**********

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.17 | 2.03 ng/ul | 511759 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

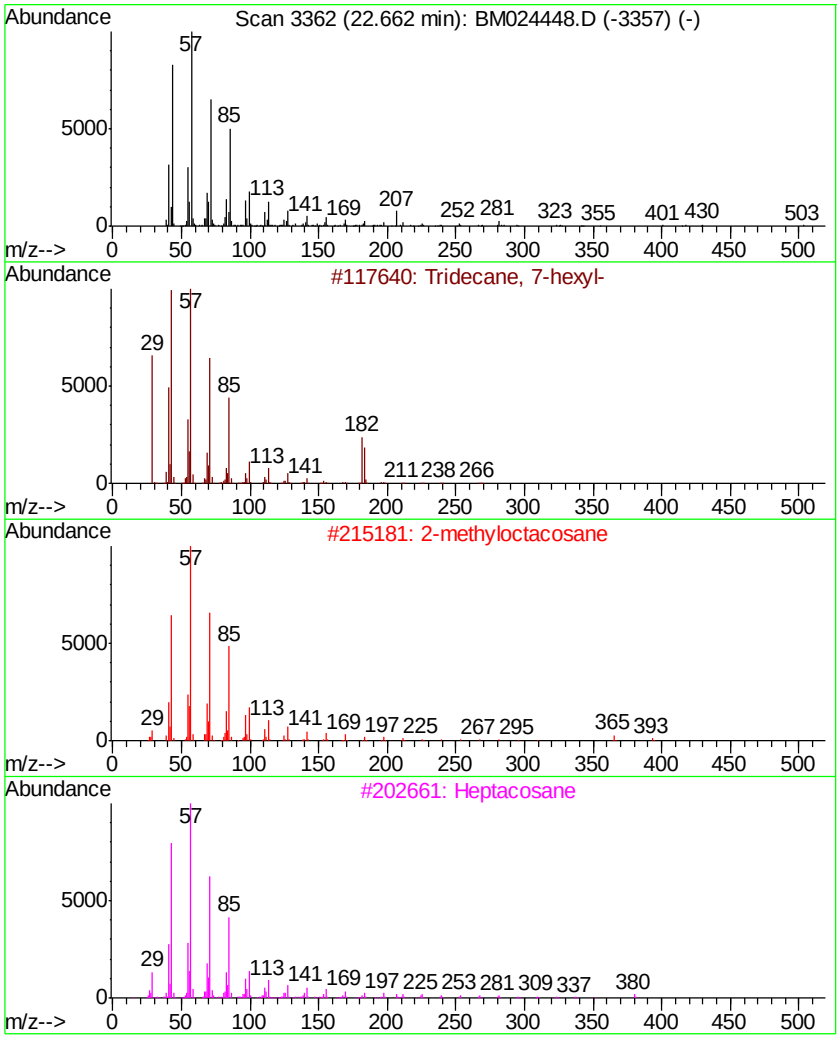
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

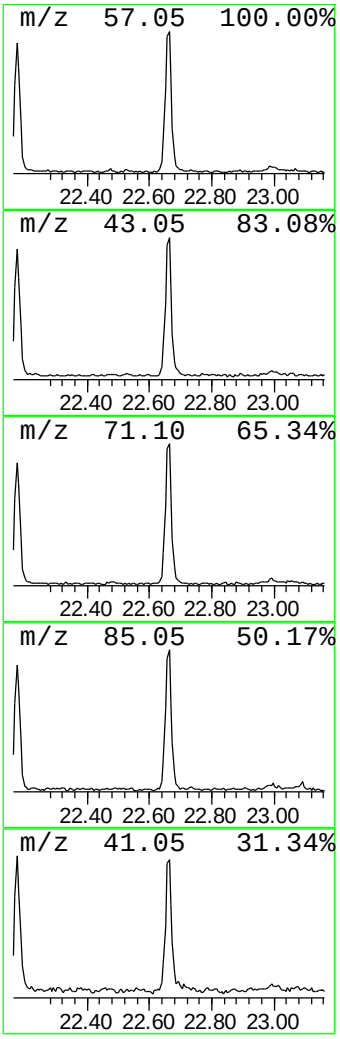
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.66 | 2.67 ng/ul | 675421 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 93 |
| 2 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

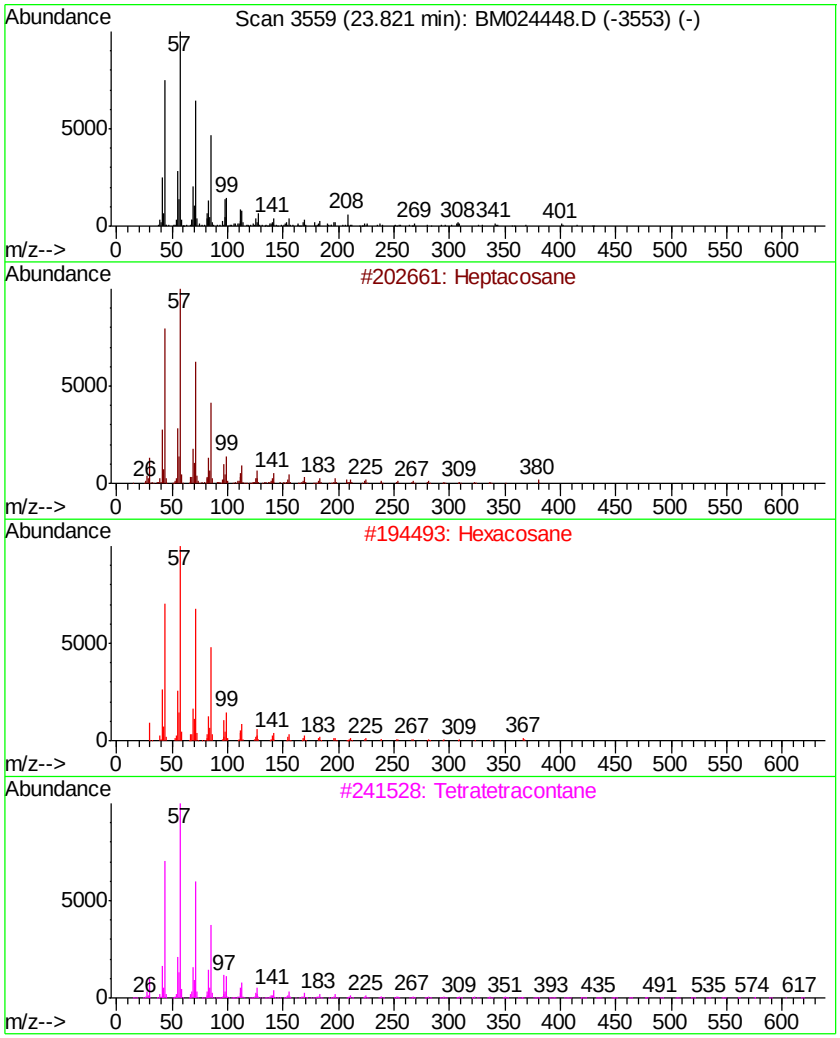
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

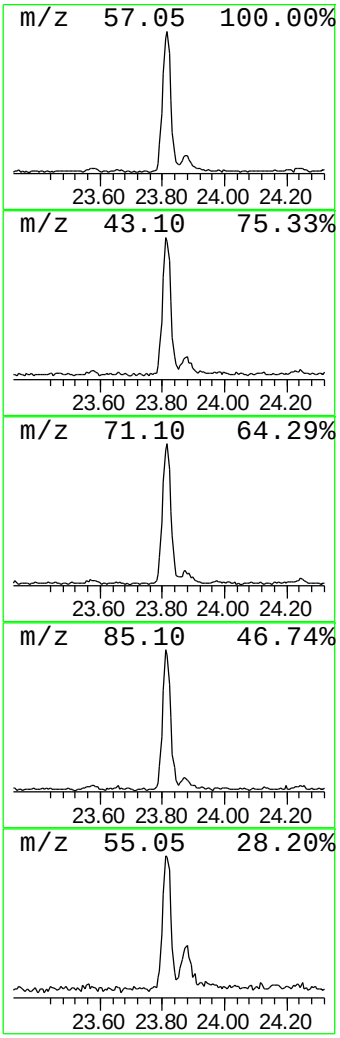
**********

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.82 | 2.60 ng/ul | 657679 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 5 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

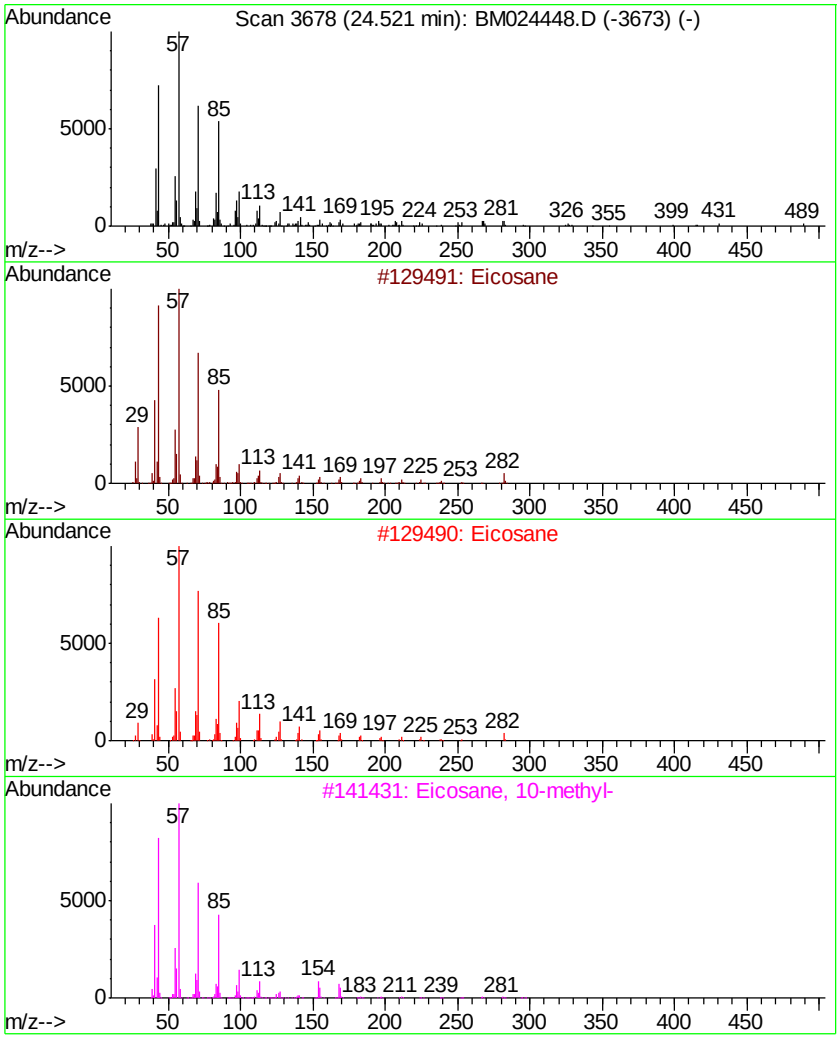
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

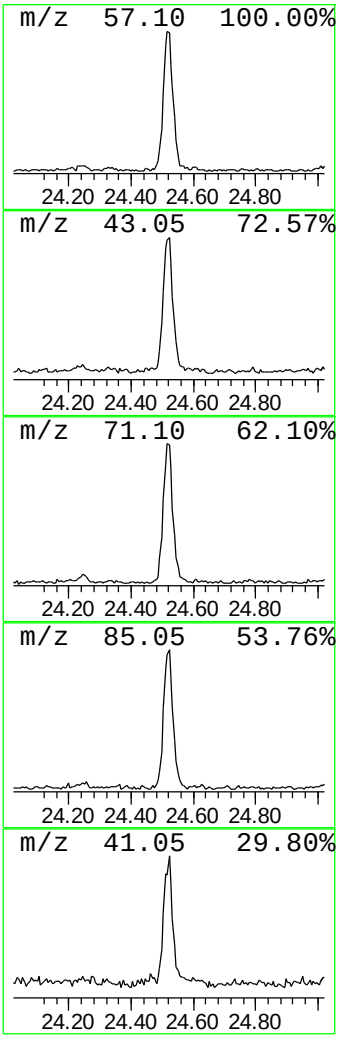
**********

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.52 | 2.18 ng/ul | 550089 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 94 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 3 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 92 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM010920\
Data File : BM024448.D
Acq On : 10 Jan 2020 05:48
Operator : JU
Sample : K6466-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H0BP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.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 |
| n-Nonadecanol-1 | 20.85 | 2.2 | ng/ul | 437629 | 5 | 21.09 | 3900770 | 20.0 |
| (DEL) Alkane: Str... | 22.17 | 2.0 | ng/ul | 511759 | 6 | 23.22 | 5053920 | 20.0 |
| (DEL) Alkane: Str... | 22.66 | 2.7 | ng/ul | 675421 | 6 | 23.22 | 5053920 | 20.0 |
| (DEL) Alkane: Str... | 23.82 | 2.6 | ng/ul | 657679 | 6 | 23.22 | 5053920 | 20.0 |
| (DEL) Alkane: Str... | 24.52 | 2.2 | ng/ul | 550089 | 6 | 23.22 | 5053920 | 20.0 |