LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

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-BM051320MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM026008.D

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.075 | 28 | 32 | 41 | rVB | 75339 | 107166 | 2.05% | 0.188% |
| 2 | 3.787 | 148 | 153 | 158 | rVB | 10383 | 16867 | 0.32% | 0.030% |
| 3 | 4.005 | 185 | 190 | 197 | rVB3 | 17303 | 23071 | 0.44% | 0.040% |
| 4 | 4.404 | 253 | 258 | 265 | rVB | 12721 | 19757 | 0.38% | 0.035% |
| 5 | 4.840 | 328 | 332 | 337 | rBV7 | 3132 | 7288 | 0.14% | 0.013% |
| 6 | 6.693 | 640 | 647 | 663 | rBV | 1192458 | 1767782 | 33.88% | 3.096% |
| 7 | 6.851 | 668 | 674 | 687 | rBV | 888529 | 1340221 | 25.69% | 2.347% |
| 8 | 7.040 | 700 | 706 | 716 | rBV | 1143972 | 1744977 | 33.45% | 3.056% |
| 9 | 7.504 | 777 | 785 | 795 | rBV | 796373 | 1200934 | 23.02% | 2.103% |
| 10 | 8.216 | 899 | 906 | 916 | rBV | 1314123 | 2014520 | 38.61% | 3.528% |
| 11 | 8.645 | 971 | 979 | 988 | rBV | 1096820 | 1700053 | 32.58% | 2.977% |
| 12 | 9.363 | 1091 | 1101 | 1109 | rBV | 860884 | 1352528 | 25.92% | 2.369% |
| 13 | 9.898 | 1185 | 1192 | 1203 | rBV | 1233116 | 1973738 | 37.83% | 3.457% |
| 14 | 10.269 | 1246 | 1255 | 1264 | rBV | 1018773 | 1643788 | 31.51% | 2.879% |
| 15 | 10.410 | 1271 | 1279 | 1296 | rBV | 1260102 | 2127191 | 40.77% | 3.725% |
| 16 | 11.875 | 1522 | 1528 | 1535 | rVB2 | 16621 | 32179 | 0.62% | 0.056% |
| 17 | 13.569 | 1808 | 1816 | 1823 | rBV | 2045124 | 2758294 | 52.87% | 4.831% |
| 18 | 13.833 | 1854 | 1861 | 1874 | rBV | 2210283 | 3231639 | 61.94% | 5.660% |
| 19 | 14.145 | 1908 | 1914 | 1924 | rBV2 | 1355042 | 2030343 | 38.92% | 3.556% |
| 20 | 14.363 | 1944 | 1951 | 1969 | rBV | 1054894 | 1537301 | 29.47% | 2.692% |
| 21 | 15.151 | 2078 | 2085 | 2094 | rBV | 2781779 | 3958660 | 75.88% | 6.933% |
| 22 | 15.274 | 2100 | 2106 | 2121 | rBV | 1037800 | 1347550 | 25.83% | 2.360% |
| 23 | 15.386 | 2121 | 2125 | 2131 | rVB | 32064 | 47844 | 0.92% | 0.084% |
| 24 | 15.939 | 2215 | 2219 | 2223 | rVB4 | 9873 | 12179 | 0.23% | 0.021% |
| 25 | 16.033 | 2229 | 2235 | 2239 | rBV9 | 2804 | 5408 | 0.10% | 0.009% |
| 26 | 16.580 | 2325 | 2328 | 2334 | rVB8 | 4004 | 5801 | 0.11% | 0.010% |
| 27 | 16.686 | 2342 | 2346 | 2353 | rBV2 | 8792 | 14378 | 0.28% | 0.025% |
| 28 | 16.898 | 2374 | 2382 | 2390 | rBV | 1688252 | 2402440 | 46.05% | 4.207% |
| 29 | 16.998 | 2392 | 2399 | 2410 | rBV | 2992658 | 4159984 | 79.73% | 7.286% |
| 30 | 18.133 | 2587 | 2592 | 2596 | rBV8 | 6013 | 9530 | 0.18% | 0.017% |
| 31 | 18.698 | 2685 | 2688 | 2694 | rBV6 | 3929 | 5628 | 0.11% | 0.010% |
| 32 | 18.927 | 2723 | 2727 | 2731 | rVB | 30734 | 38354 | 0.74% | 0.067% |
| 33 | 19.180 | 2766 | 2770 | 2776 | rVB | 25852 | 37340 | 0.72% | 0.065% |
| 34 | 19.298 | 2782 | 2790 | 2797 | rBV | 3779780 | 4973578 | 95.33% | 8.710% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

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-BM051320MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 19.386 | 2802 | 2805 | 2808 | rVB3 | 20043 | 21827 | 0.42% | 0.038% |
| 36 | 20.251 | 2947 | 2952 | 2957 | rBV | 267468 | 294437 | 5.64% | 0.516% |
| 37 | 20.315 | 2961 | 2963 | 2968 | rVB4 | 14232 | 20661 | 0.40% | 0.036% |
| 38 | 21.092 | 3090 | 3095 | 3101 | rBV | 2417903 | 2830538 | 54.25% | 4.957% |
| 39 | 21.703 | 3196 | 3199 | 3203 | rBV | 64781 | 63178 | 1.21% | 0.111% |
| 40 | 22.145 | 3271 | 3274 | 3281 | rVB | 136678 | 159052 | 3.05% | 0.279% |
| 41 | 22.621 | 3351 | 3355 | 3361 | rVB | 196584 | 250738 | 4.81% | 0.439% |
| 42 | 23.086 | 3427 | 3434 | 3441 | rBV | 3162548 | 5217289 | 100.00% | 9.137% |
| 43 | 23.156 | 3441 | 3446 | 3450 | rVV | 282793 | 446975 | 8.57% | 0.783% |
| 44 | 23.215 | 3450 | 3456 | 3466 | rVB2 | 1693087 | 2951825 | 56.58% | 5.170% |
| 45 | 23.756 | 3543 | 3548 | 3554 | rVB | 233784 | 391988 | 7.51% | 0.687% |
| 46 | 24.450 | 3661 | 3666 | 3674 | rVB | 236861 | 449484 | 8.62% | 0.787% |
| 47 | 25.250 | 3798 | 3802 | 3813 | rVB2 | 154265 | 352895 | 6.76% | 0.618% |

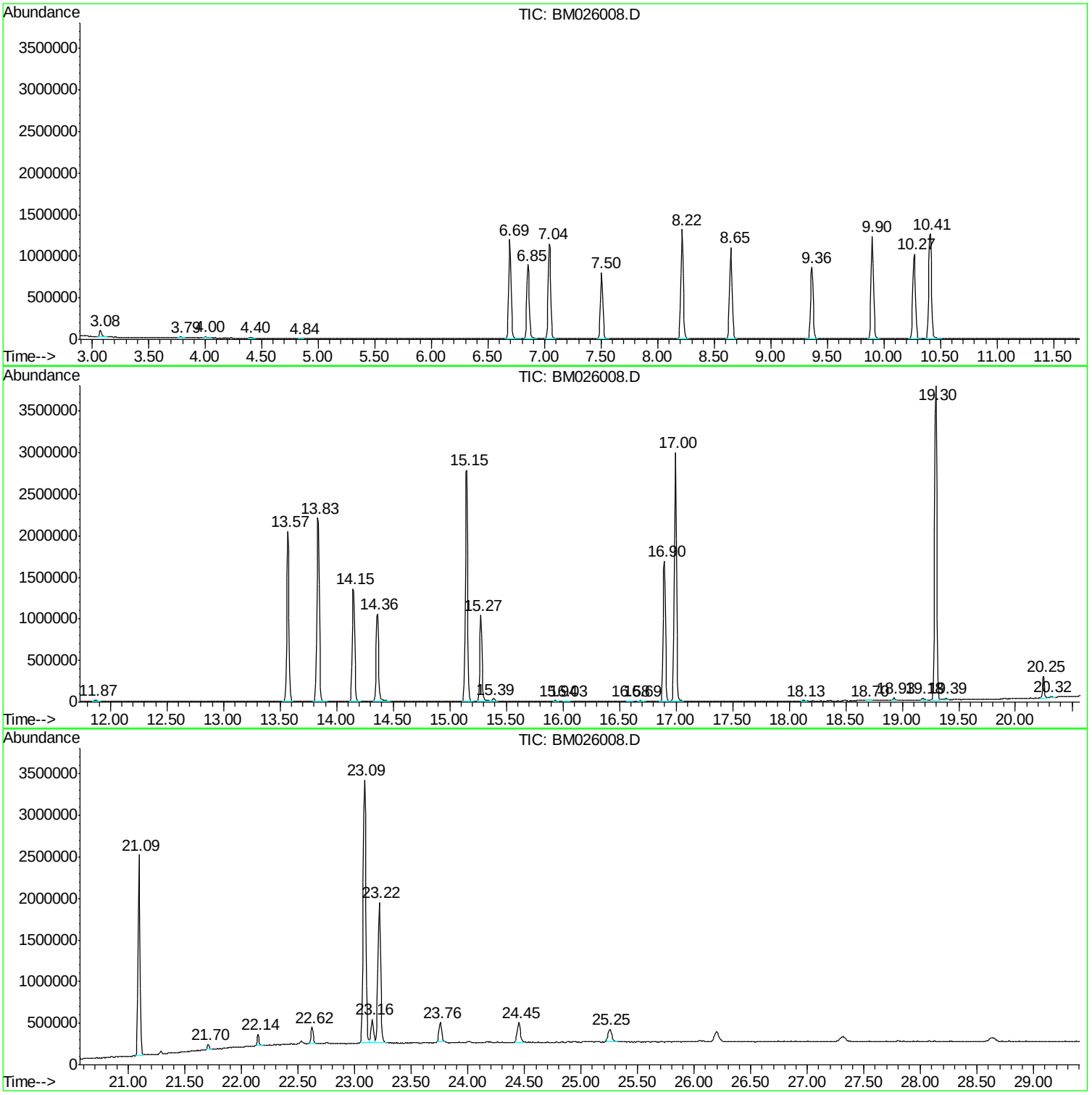
Sum of corrected areas: 57099198

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

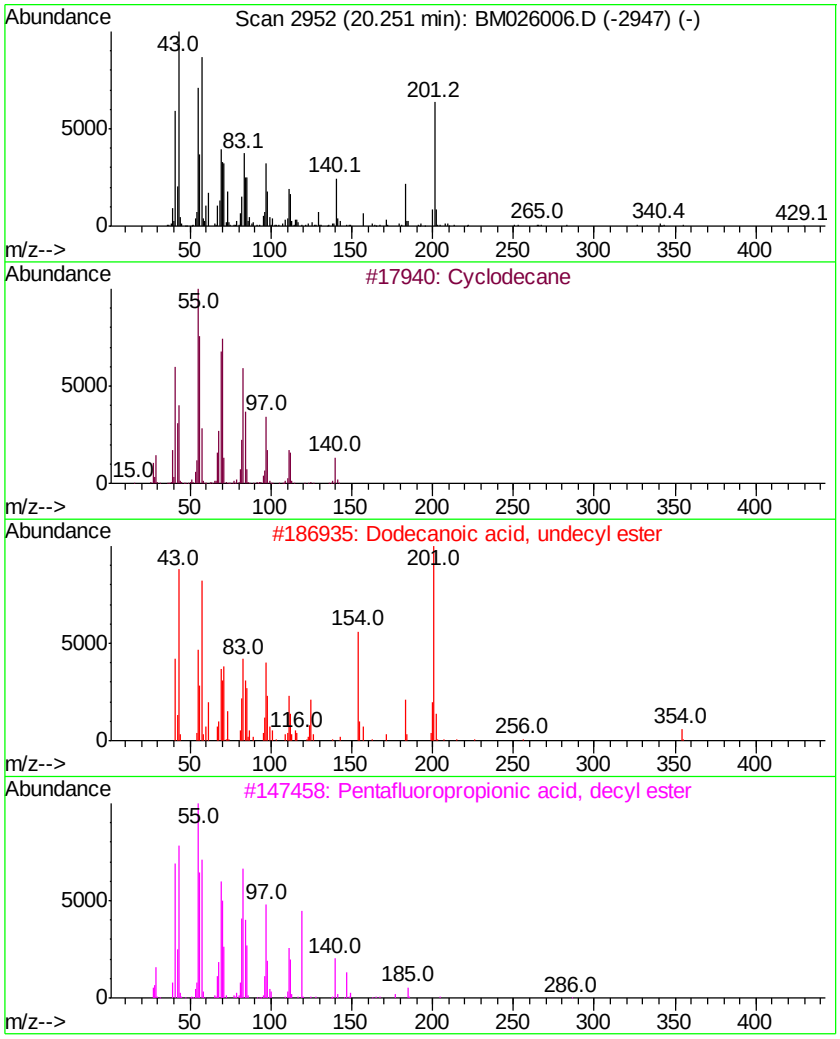
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

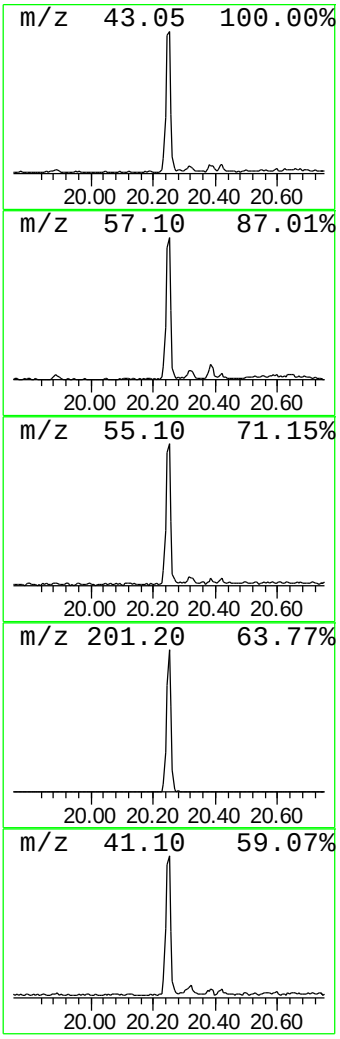
**********

Peak Number 1 (DEL) Alkane: Cyclic20.25 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.25 | 2.08 ng/ul | 294437 | Chrysene-d12 | 21.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclodecane | 140 | C10H20 | 000293-96-9 | 91 |
| 2 | Dodecanoic acid, undecyl ester | 354 | C23H46O2 | 003658-44-4 | 68 |
| 3 | Pentafluoropropionic acid, decyl... | 304 | C13H21F5O2 | 959000-65-8 | 53 |
| 4 | Cyclodecane | 140 | C10H20 | 000293-96-9 | 49 |
| 5 | Dichloroacetic acid, dodecyl ester | 296 | C14H26Cl2O2 | 083005-01-0 | 49 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

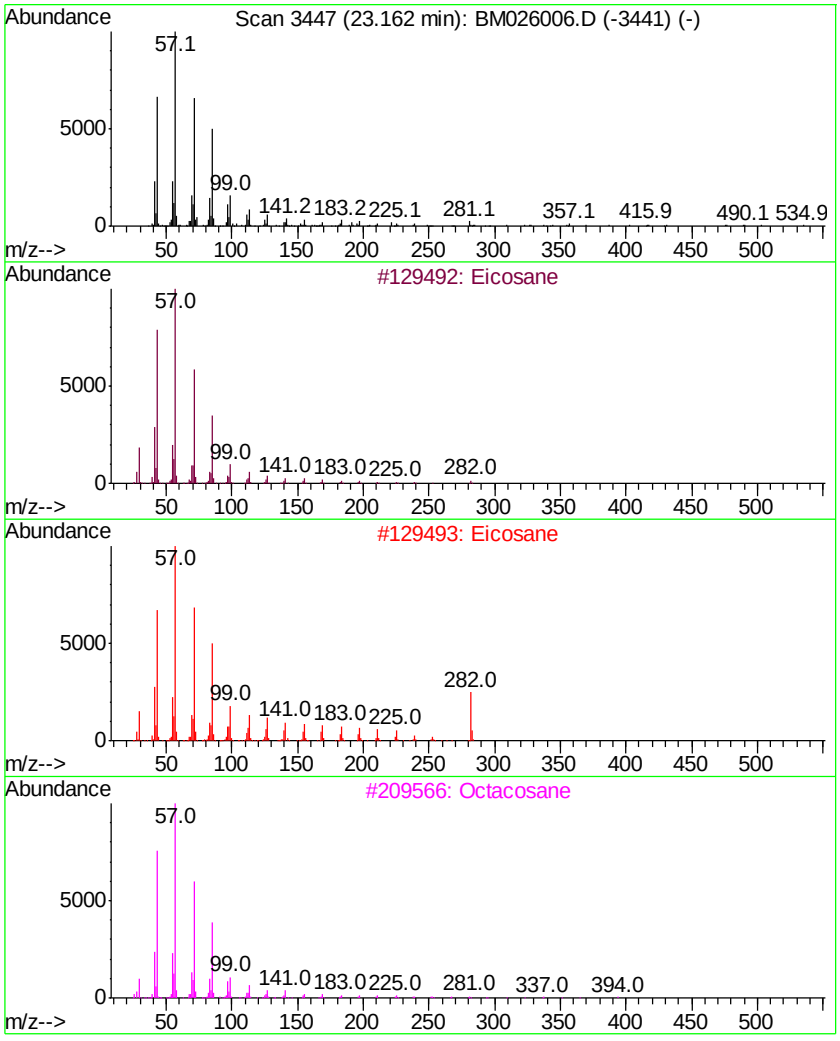
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

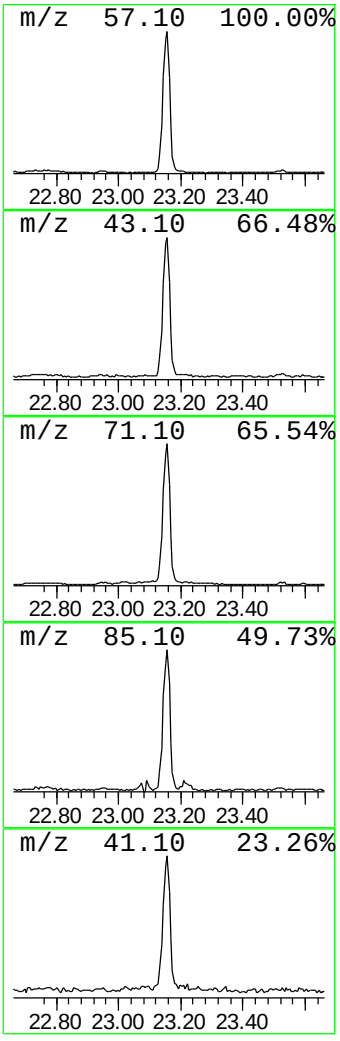
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.16 | 3.03 ng/ul | 446975 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 95 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

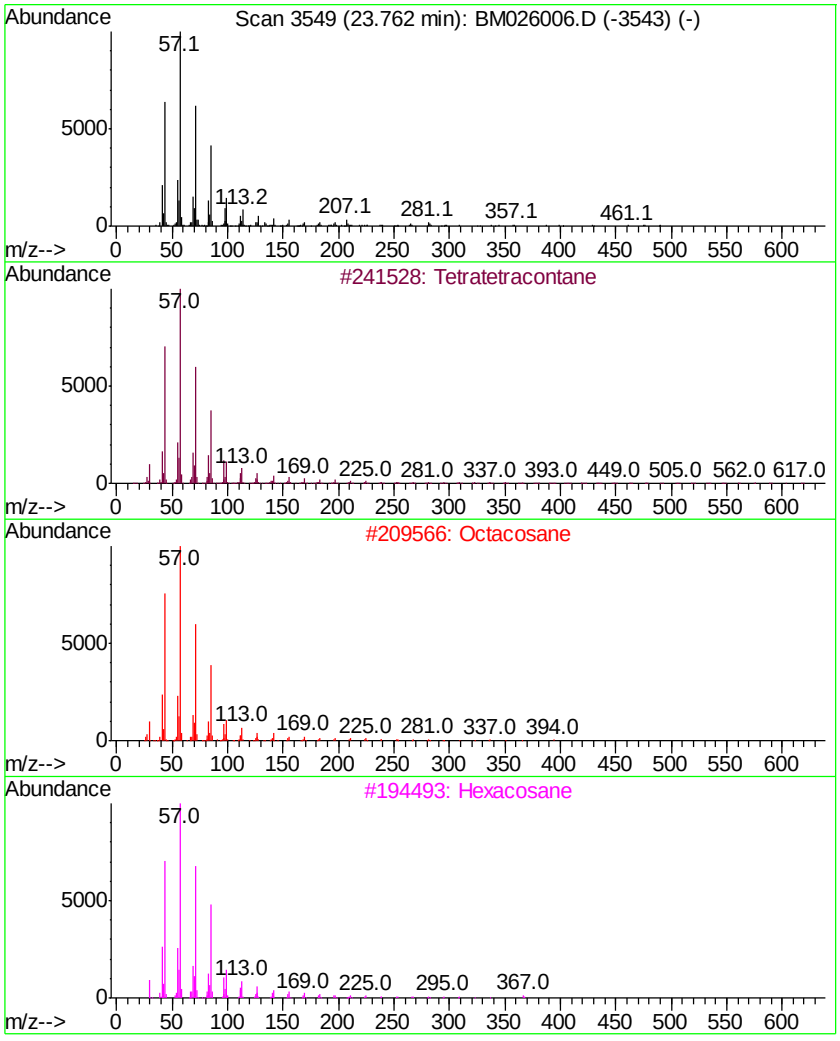
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

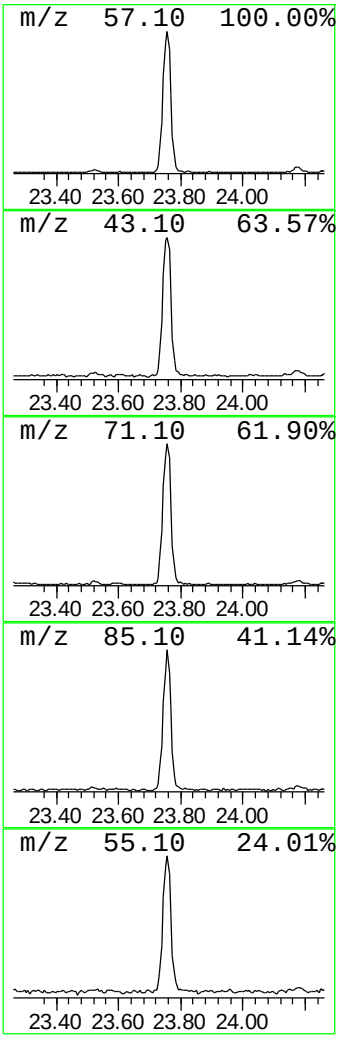
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.76 | 2.66 ng/ul | 391988 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

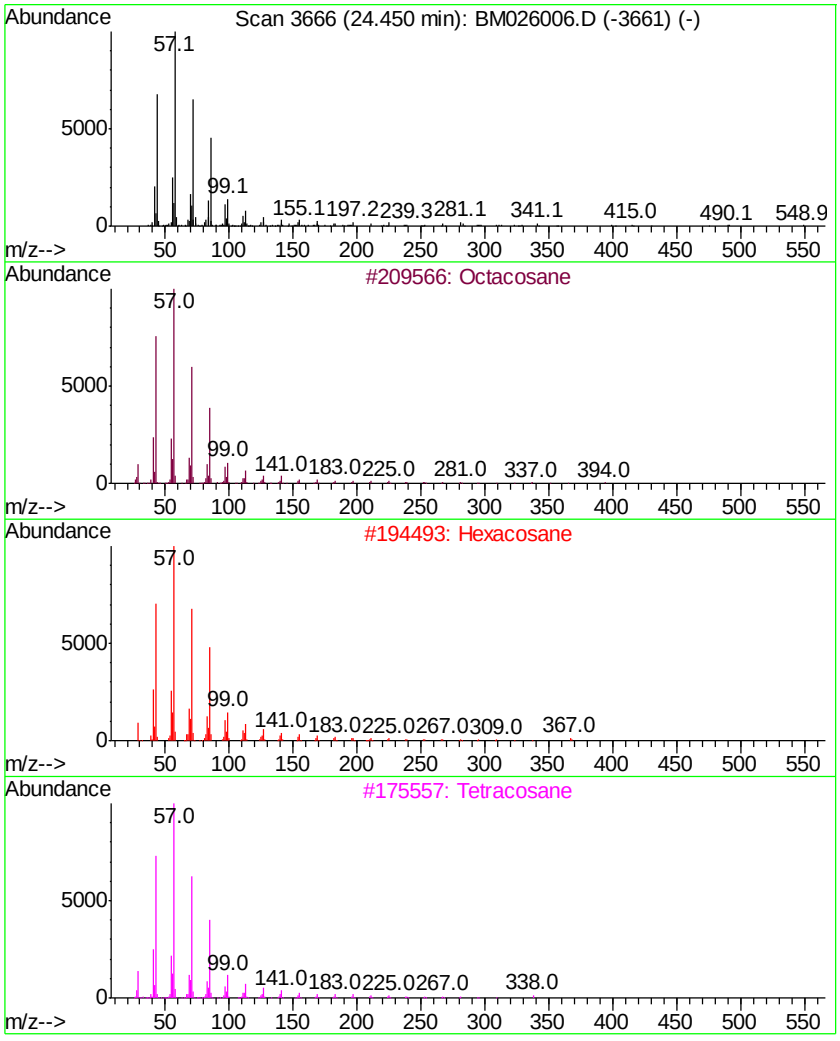
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

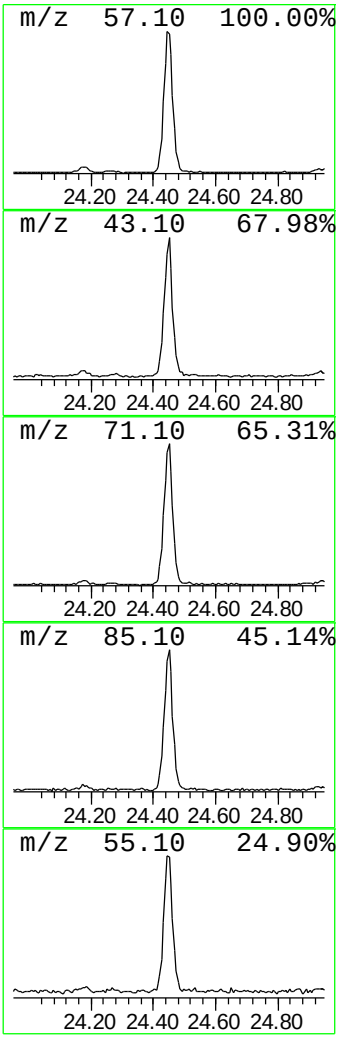
**********

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.45 | 3.05 ng/ul | 449484 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 4 | Docosane, 5-butyl- | 366 | C26H54 | 055282-16-1 | 86 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 83 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

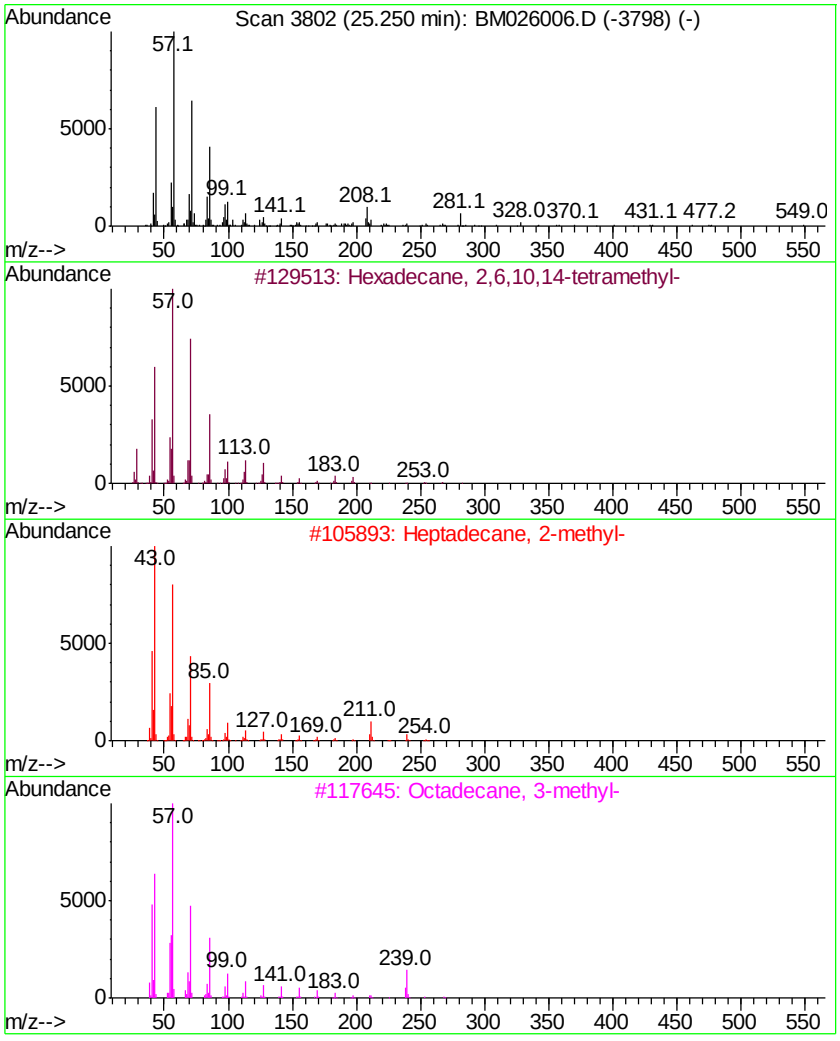
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

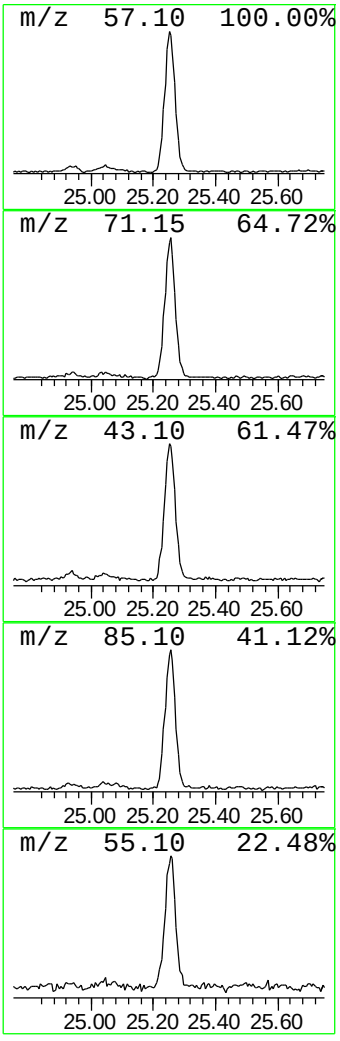
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.25 | 2.39 ng/ul | 352895 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 83 |
| 2 | Heptadecane, 2-methyl- | 254 | C18H38 | 001560-89-0 | 81 |
| 3 | Octadecane, 3-methyl- | 268 | C19H40 | 006561-44-0 | 80 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 74 |
| 5 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 58 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051520\
Data File : BM026006.D
Acq On : 16 May 2020 03:42
Operator : MA/SJ
Sample : PB128918BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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 |
| (DEL) Alkane: Cyc... | 20.25 | 2.1 | ng/ul | 294437 | 5 | 21.09 | 2830540 | 20.0 |
| (DEL) Alkane: Str... | 23.16 | 3.0 | ng/ul | 446975 | 6 | 23.22 | 2951830 | 20.0 |
| (DEL) Alkane: Str... | 23.76 | 2.7 | ng/ul | 391988 | 6 | 23.22 | 2951830 | 20.0 |
| (DEL) Alkane: Str... | 24.45 | 3.0 | ng/ul | 449484 | 6 | 23.22 | 2951830 | 20.0 |
| (DEL) Alkane: Str... | 25.25 | 2.4 | ng/ul | 352895 | 6 | 23.22 | 2951830 | 20.0 |