LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** RAINEY-PARK-BH-03-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.069 | 365 | 371 | 379 | rBV | 2146668 | 2970125 | 34.21% | 6.267% |
| 2 | 6.628 | 627 | 636 | 647 | rBV | 2065612 | 3118077 | 35.92% | 6.580% |
| 3 | 7.428 | 765 | 772 | 782 | rBV | 605821 | 905052 | 10.42% | 1.910% |
| 4 | 7.745 | 819 | 826 | 834 | rBV | 2010469 | 3057421 | 35.22% | 6.452% |
| 5 | 8.569 | 958 | 966 | 976 | rBV | 1292412 | 2109068 | 24.29% | 4.450% |
| 6 | 10.186 | 1234 | 1241 | 1251 | rBV | 719941 | 1166377 | 13.44% | 2.461% |
| 7 | 12.692 | 1659 | 1667 | 1678 | rBV | 3553574 | 5146035 | 59.28% | 10.859% |
| 8 | 13.551 | 1808 | 1813 | 1819 | rBV | 99315 | 136052 | 1.57% | 0.287% |
| 9 | 14.080 | 1897 | 1903 | 1910 | rBV | 1169631 | 1655802 | 19.07% | 3.494% |
| 10 | 15.574 | 2151 | 2157 | 2170 | rBV | 3072395 | 4474576 | 51.54% | 9.442% |
| 11 | 16.833 | 2364 | 2371 | 2375 | rBV | 1469565 | 2053701 | 23.66% | 4.334% |
| 12 | 16.874 | 2375 | 2378 | 2384 | rVB | 99577 | 126951 | 1.46% | 0.268% |
| 13 | 17.774 | 2524 | 2531 | 2538 | rBV2 | 285353 | 412509 | 4.75% | 0.870% |
| 14 | 18.897 | 2717 | 2722 | 2727 | rBV | 210891 | 293804 | 3.38% | 0.620% |
| 15 | 19.262 | 2776 | 2784 | 2789 | rBV | 204603 | 303386 | 3.49% | 0.640% |
| 16 | 19.492 | 2817 | 2823 | 2835 | rVB | 7038694 | 8681569 | 100.00% | 18.319% |
| 17 | 20.209 | 2939 | 2945 | 2950 | rBV | 322813 | 398239 | 4.59% | 0.840% |
| 18 | 20.797 | 3041 | 3045 | 3056 | rVB2 | 593837 | 794308 | 9.15% | 1.676% |
| 19 | 21.038 | 3081 | 3086 | 3091 | rBV | 2359933 | 3183405 | 36.67% | 6.717% |
| 20 | 21.668 | 3190 | 3193 | 3200 | rBV2 | 154985 | 206549 | 2.38% | 0.436% |
| 21 | 22.103 | 3265 | 3267 | 3271 | rVB2 | 153145 | 167285 | 1.93% | 0.353% |
| 22 | 22.221 | 3284 | 3287 | 3293 | rVB | 364990 | 436586 | 5.03% | 0.921% |
| 23 | 23.150 | 3440 | 3445 | 3457 | rVB | 1834410 | 3229806 | 37.20% | 6.815% |
| 24 | 24.362 | 3645 | 3651 | 3663 | rVB4 | 1015800 | 2363392 | 27.22% | 4.987% |

Sum of corrected areas: 47390075

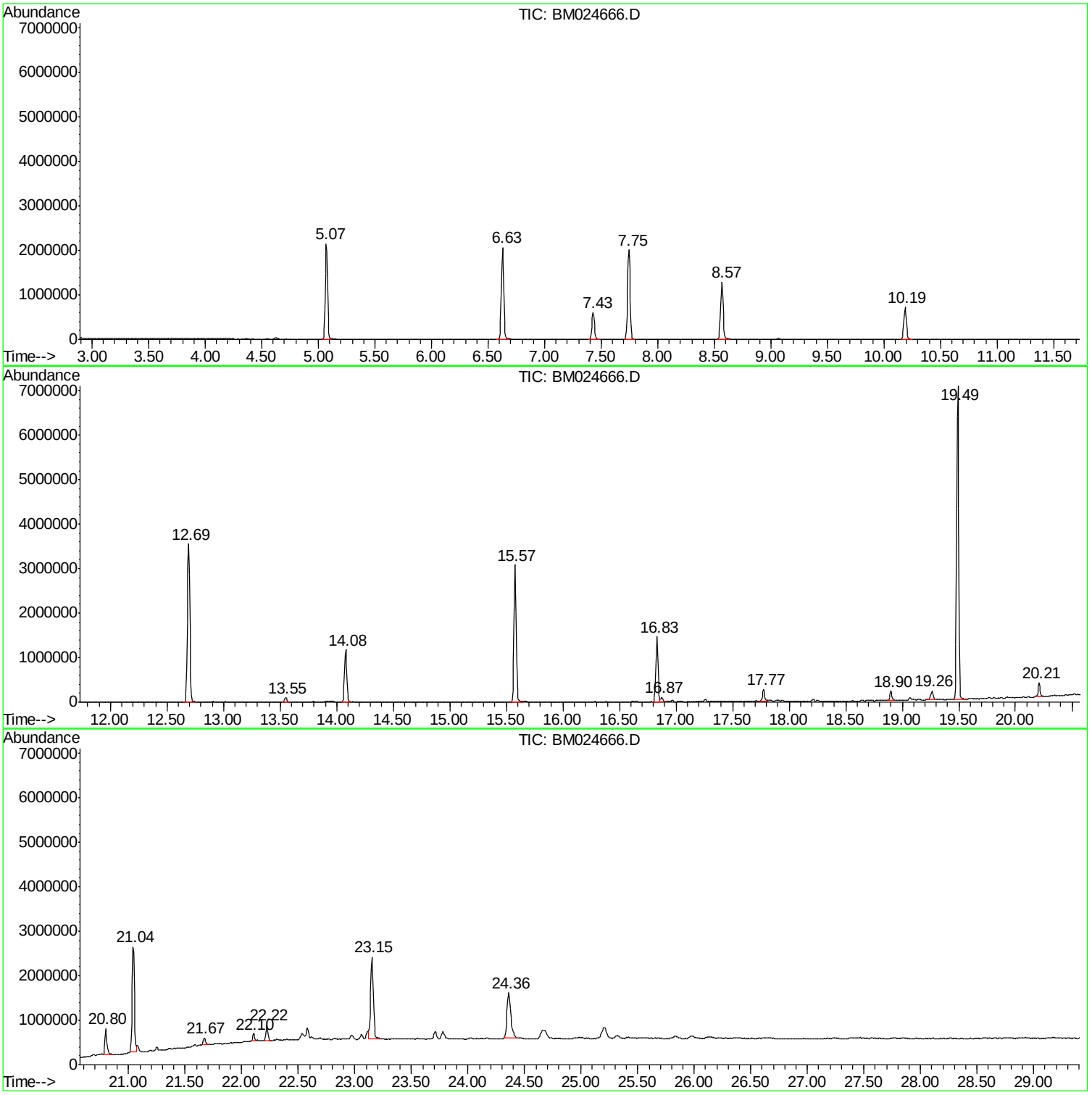
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** RAINEY-PARK-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** RAINEY-PARK-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

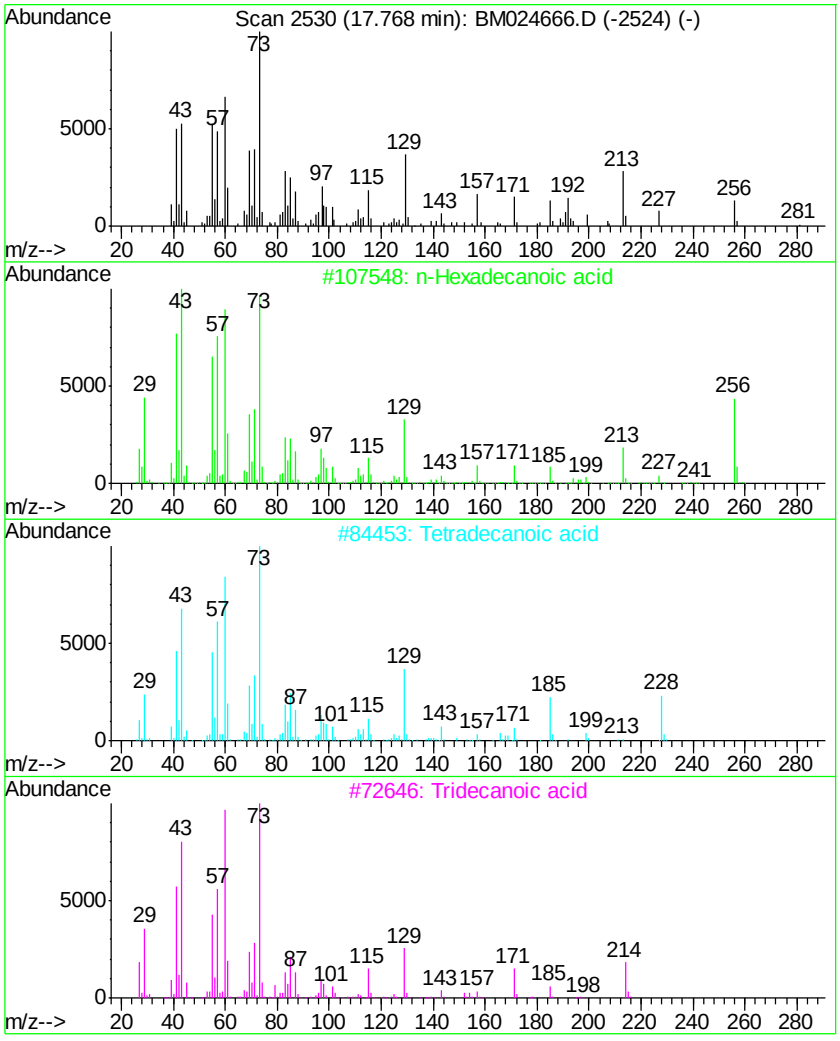
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

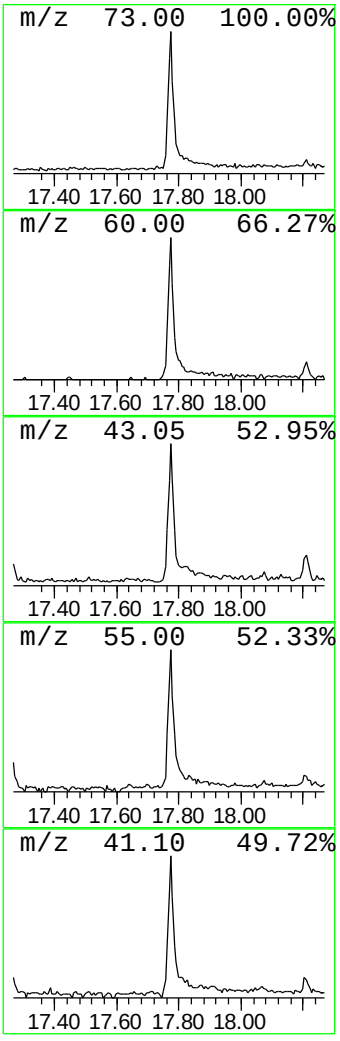
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.77 | 4.02 ng | 412509 | Phenanthrene-d10 | 16.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 58 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 49 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** RAINEY-PARK-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

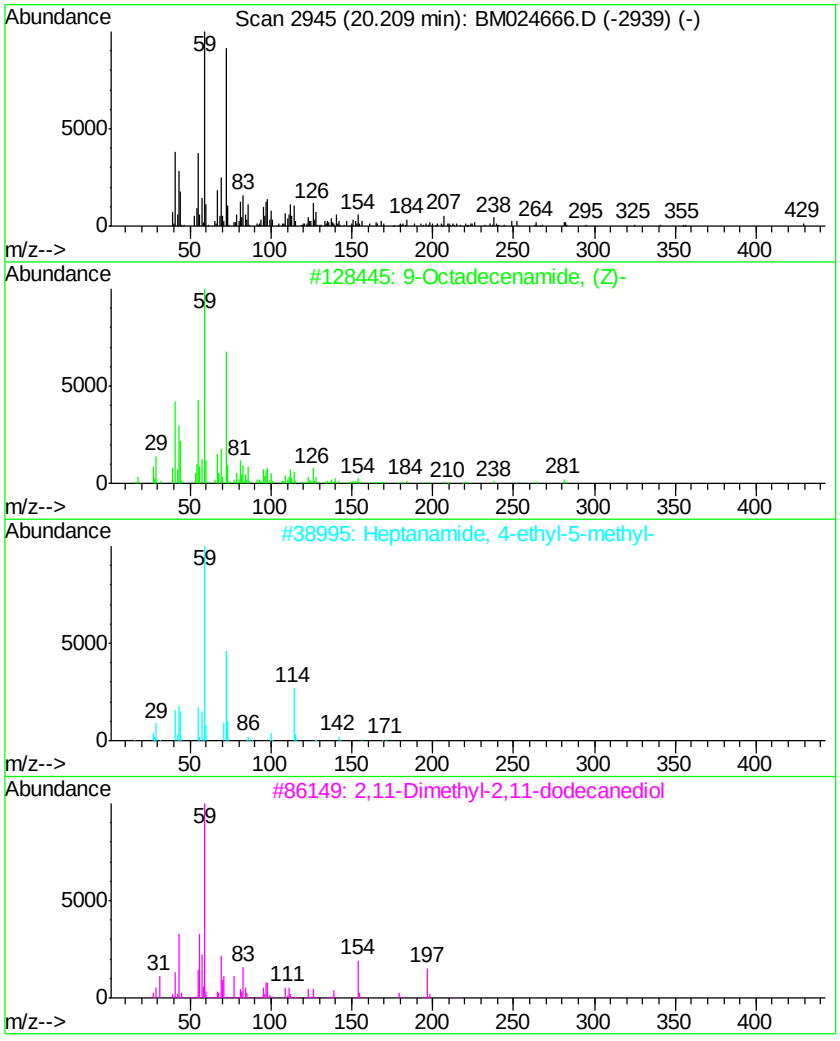
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

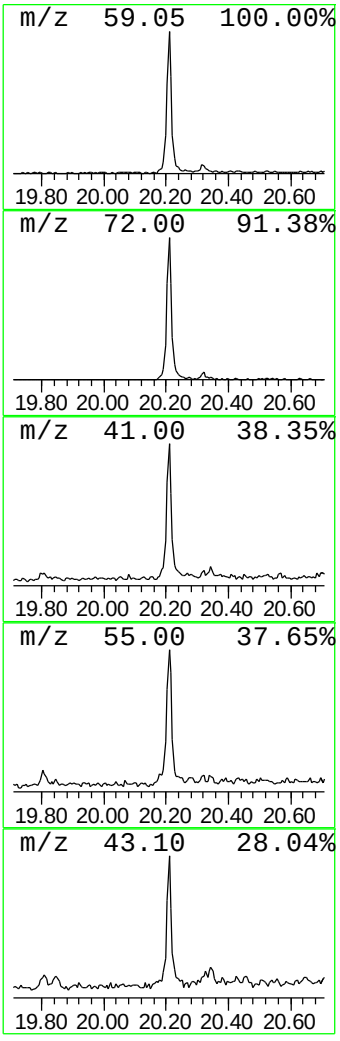
**********

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.21 | 2.50 ng | 398239 | Chrysene-d12 | 21.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 98 |
| 2 | Heptanamide, 4-ethyl-5-methyl- | 171 | C10H21NO | 054789-40-1 | 43 |
| 3 | 2,11-Dimethyl-2,11-dodecanediol | 230 | C14H30O2 | 022092-59-7 | 35 |
| 4 | 2-Hydroxy-2-methylundec-5-en-3-one | 198 | C12H22O2 | 1000191-46-2 | 27 |
| 5 | Bicyclo[3.2.1]heptane, 1-methoxy- | 126 | C8H14O | 1000156-43-7 | 27 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** RAINEY-PARK-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

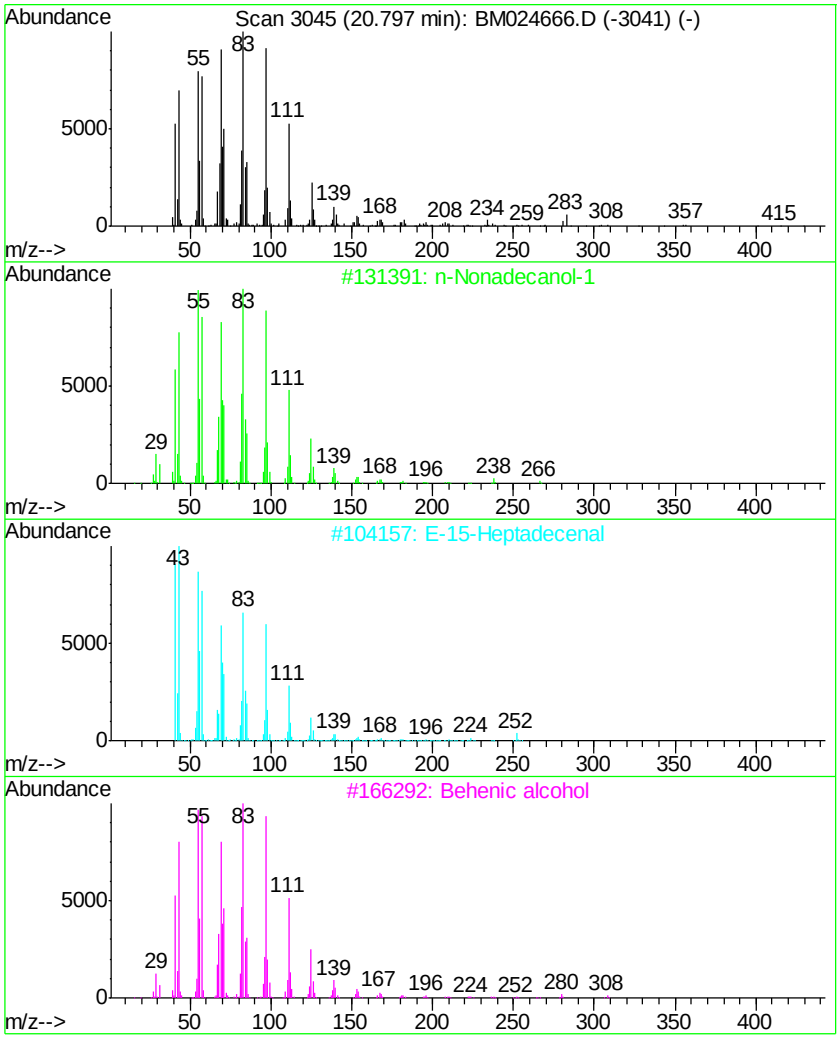
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

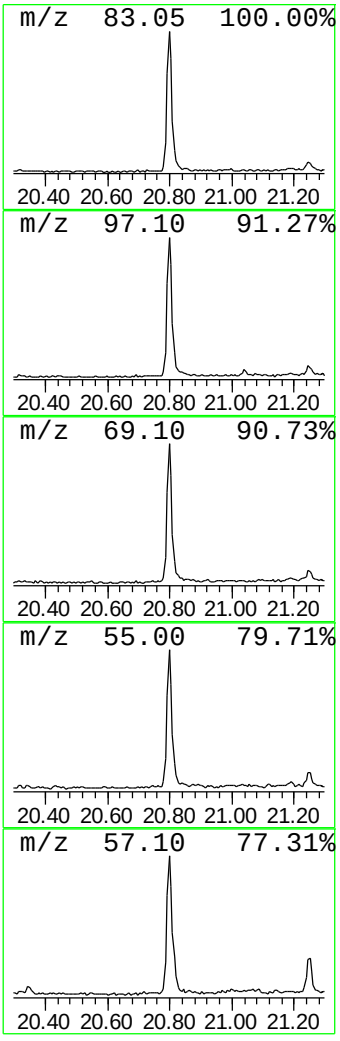
**********

Peak Number 4 n-Nonadecanol-1 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.80 | 4.99 ng | 794308 | Chrysene-d12 | 21.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 2 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 92 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 4 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 91 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** RAINEY-PARK-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

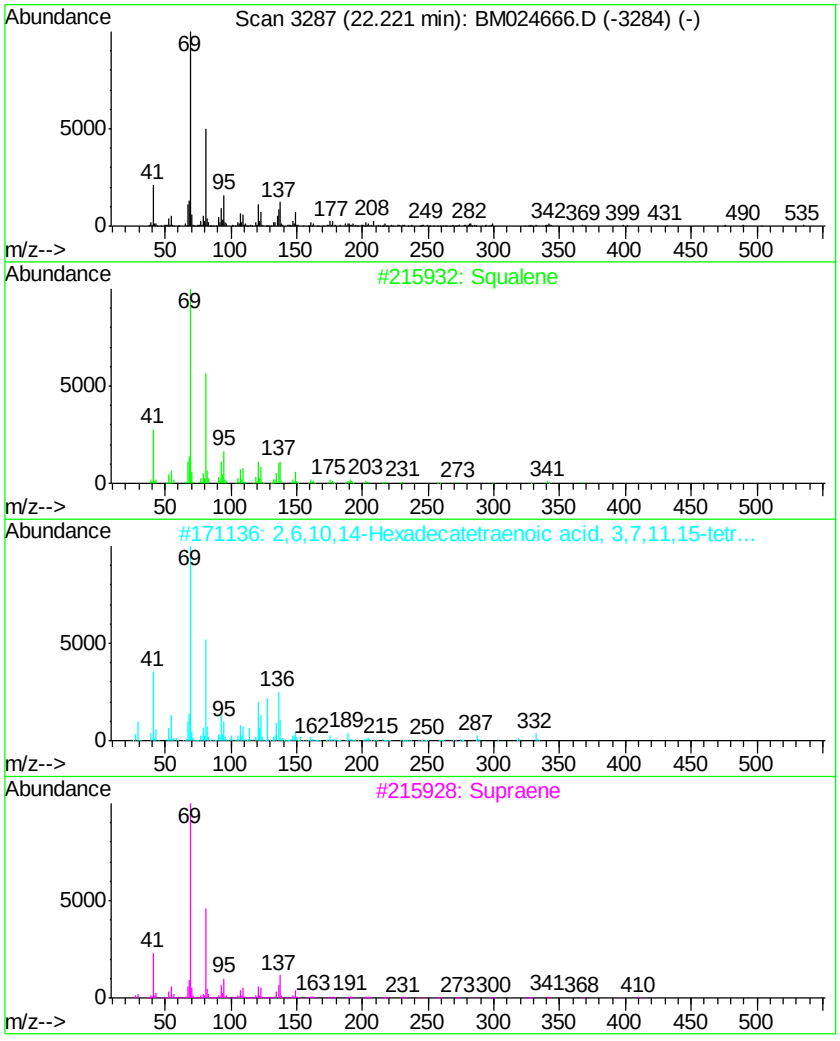
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

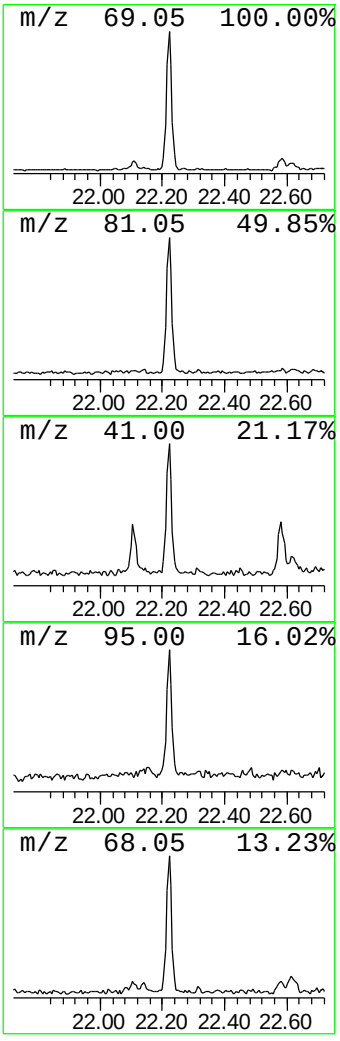
**********

Peak Number 5 Squalene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.22 | 2.70 ng | 436586 | Perylene-d12 | 23.15 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 000111-02-4 | 87 |
| 2 | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2 | 024035-35-6 | 76 |
| 3 | Supraene | 410 | C30H50 | 007683-64-9 | 74 |
| 4 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 72 |
| 5 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 64 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** RAINEY-PARK-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

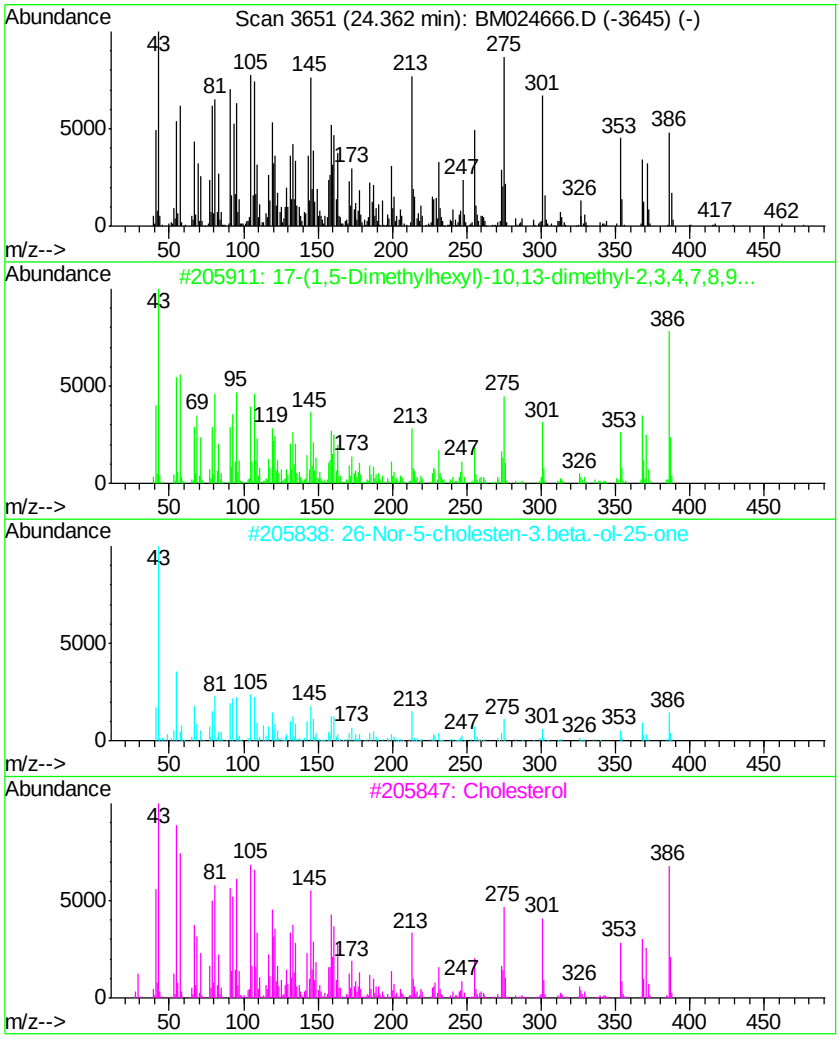
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

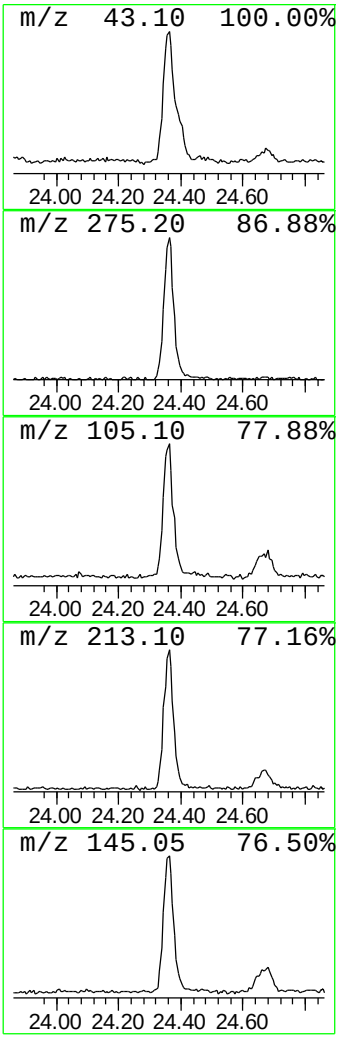
**********

Peak Number 6 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.36 | 14.63 ng | 2363390 | Perylene-d12 | 23.15 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 17-(1,5-Dimethylhexyl)-10,13-dim... | 386 | C27H46O | 1000210-38-4 | 99 |
| 2 | 26-Nor-5-cholesten-3.beta.-ol-25... | 386 | C26H42O2 | 007494-34-0 | 99 |
| 3 | Cholesterol | 386 | C27H46O | 000057-88-5 | 98 |
| 4 | Cholest-5-en-3-ol, (3.alpha.)- | 386 | C27H46O | 000474-77-1 | 68 |
| 5 | Cholestane-3,5-diol, 5-acetate, ... | 446 | C29H50O3 | 041721-93-1 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM013020\
Data File : BM024666.D
Acq On : 30 Jan 2020 19:44
Operator : CG/JU
Sample : L1318-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** RAINEY-PARK-BH-03-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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-Hexadecanoic acid | 17.77 | 4.0 | ng | 412509 | 4 | 16.83 | 2053700 | 20.0 |
| 9-Octadecenamide,... | 20.21 | 2.5 | ng | 398239 | 5 | 21.04 | 3183410 | 20.0 |
| n-Nonadecanol-1 | 20.80 | 5.0 | ng | 794308 | 5 | 21.04 | 3183410 | 20.0 |
| Squalene | 22.22 | 2.7 | ng | 436586 | 6 | 23.15 | 3229810 | 20.0 |
| 17-(1,5-Dimethylh... | 24.36 | 14.6 | ng | 2363390 | 6 | 23.15 | 3229810 | 20.0 |