LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

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-BM070820.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 | 4.963 | 346 | 353 | 369 | rBV | 2510749 | 3440766 | 49.64% | 7.955% |
| 2 | 6.534 | 611 | 620 | 633 | rBV | 2242106 | 3368247 | 48.60% | 7.788% |
| 3 | 6.963 | 688 | 693 | 708 | rBV | 92874 | 174750 | 2.52% | 0.404% |
| 4 | 7.322 | 748 | 754 | 760 | rBV | 502138 | 742736 | 10.72% | 1.717% |
| 5 | 7.633 | 800 | 807 | 817 | rBV | 2135362 | 3187522 | 45.99% | 7.370% |
| 6 | 8.475 | 942 | 950 | 961 | rBV | 1652573 | 2710827 | 39.11% | 6.268% |
| 7 | 10.074 | 1216 | 1222 | 1229 | rBV | 584583 | 918243 | 13.25% | 2.123% |
| 8 | 12.592 | 1643 | 1650 | 1665 | rVB | 3548253 | 5089897 | 73.43% | 11.768% |
| 9 | 12.898 | 1696 | 1702 | 1709 | rBV4 | 27775 | 72349 | 1.04% | 0.167% |
| 10 | 13.457 | 1792 | 1797 | 1801 | rBV | 553338 | 761839 | 10.99% | 1.761% |
| 11 | 13.498 | 1801 | 1804 | 1808 | rVB | 93933 | 122030 | 1.76% | 0.282% |
| 12 | 13.857 | 1861 | 1865 | 1870 | rBV6 | 37211 | 73186 | 1.06% | 0.169% |
| 13 | 13.980 | 1881 | 1886 | 1892 | rVB2 | 735608 | 1047008 | 15.11% | 2.421% |
| 14 | 14.433 | 1960 | 1963 | 1967 | rBV4 | 41588 | 79491 | 1.15% | 0.184% |
| 15 | 14.545 | 1979 | 1982 | 1988 | rVB4 | 84679 | 120055 | 1.73% | 0.278% |
| 16 | 14.715 | 2008 | 2011 | 2014 | rBV4 | 50096 | 79542 | 1.15% | 0.184% |
| 17 | 14.786 | 2020 | 2023 | 2027 | rVB3 | 68096 | 82902 | 1.20% | 0.192% |
| 18 | 15.298 | 2106 | 2110 | 2114 | rVB | 276245 | 403418 | 5.82% | 0.933% |
| 19 | 15.492 | 2138 | 2143 | 2150 | rVB | 2788400 | 3922934 | 56.60% | 9.070% |
| 20 | 15.780 | 2187 | 2192 | 2199 | rVB | 1465123 | 2041297 | 29.45% | 4.720% |
| 21 | 15.874 | 2205 | 2208 | 2211 | rVB | 154203 | 183172 | 2.64% | 0.424% |
| 22 | 16.115 | 2246 | 2249 | 2253 | rVB2 | 189626 | 247887 | 3.58% | 0.573% |
| 23 | 16.598 | 2327 | 2331 | 2336 | rVB | 1034460 | 1513152 | 21.83% | 3.499% |
| 24 | 16.745 | 2352 | 2356 | 2361 | rVB | 844502 | 1074657 | 15.50% | 2.485% |
| 25 | 17.203 | 2431 | 2434 | 2439 | rVB | 331130 | 459103 | 6.62% | 1.061% |
| 26 | 17.686 | 2513 | 2516 | 2521 | rVB | 461931 | 589260 | 8.50% | 1.362% |
| 27 | 19.280 | 2784 | 2787 | 2793 | rVB | 231858 | 325749 | 4.70% | 0.753% |
| 28 | 19.409 | 2804 | 2809 | 2820 | rVB | 5689317 | 6931245 | 100.00% | 16.026% |
| 29 | 20.191 | 2940 | 2942 | 2945 | rVB | 152144 | 141419 | 2.04% | 0.327% |
| 30 | 20.715 | 3027 | 3031 | 3037 | rVB | 602450 | 696518 | 10.05% | 1.610% |
| 31 | 20.968 | 3069 | 3074 | 3081 | rVB | 1046672 | 1301064 | 18.77% | 3.008% |
| 32 | 23.032 | 3420 | 3425 | 3434 | rVB2 | 799794 | 1348636 | 19.46% | 3.118% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
E3-41-BOILER-ROOM

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-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

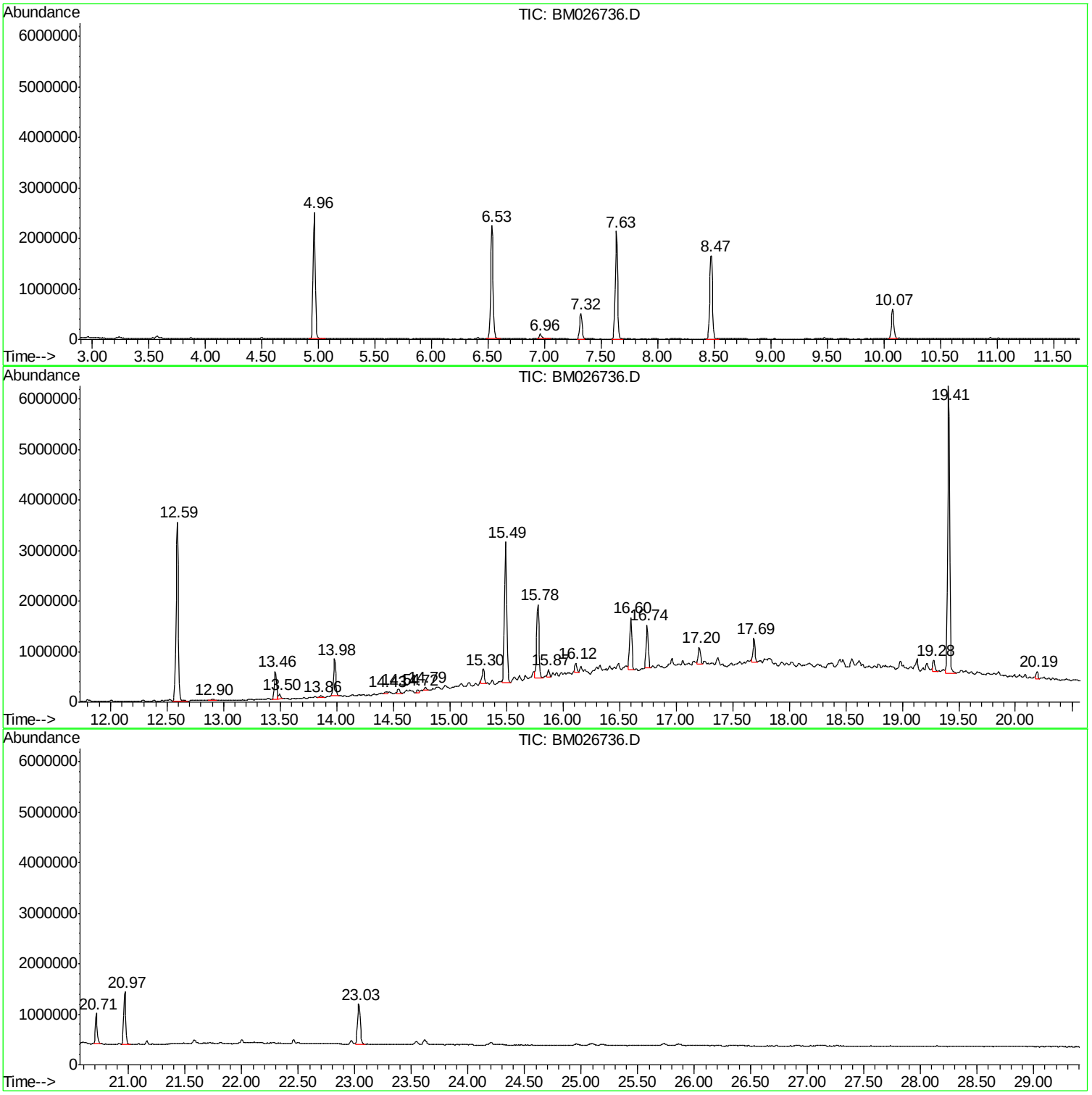
Sum of corrected areas: 43250901

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

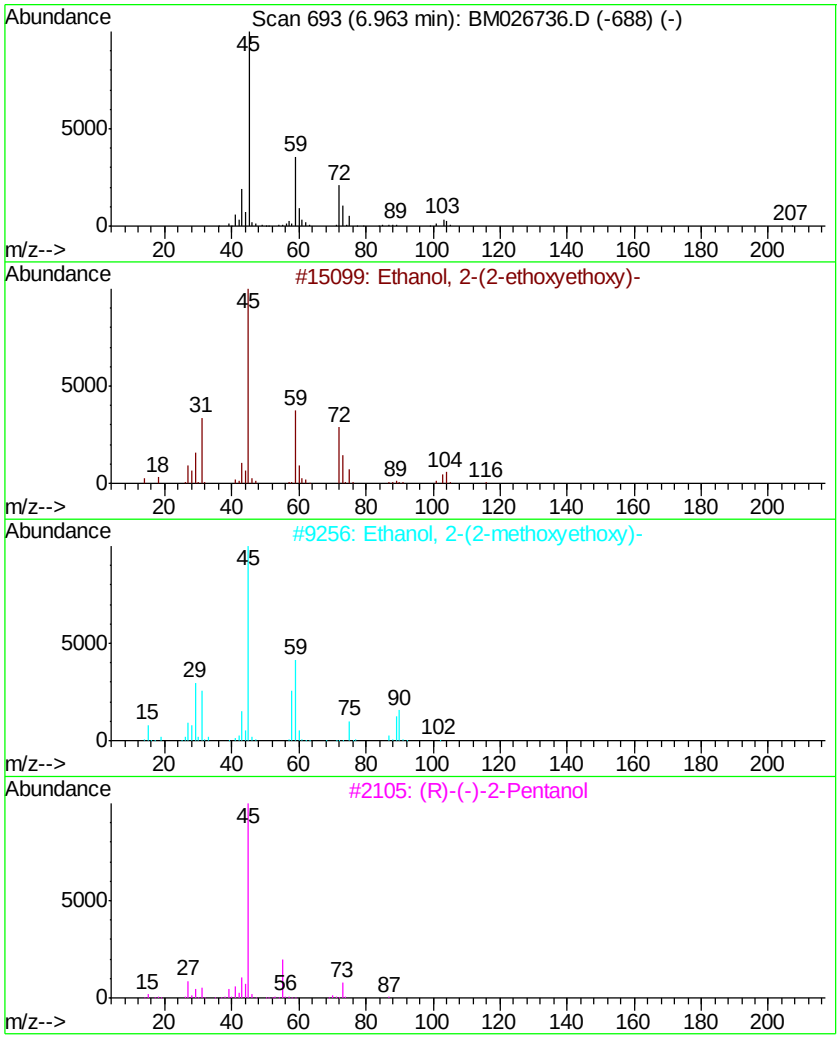
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

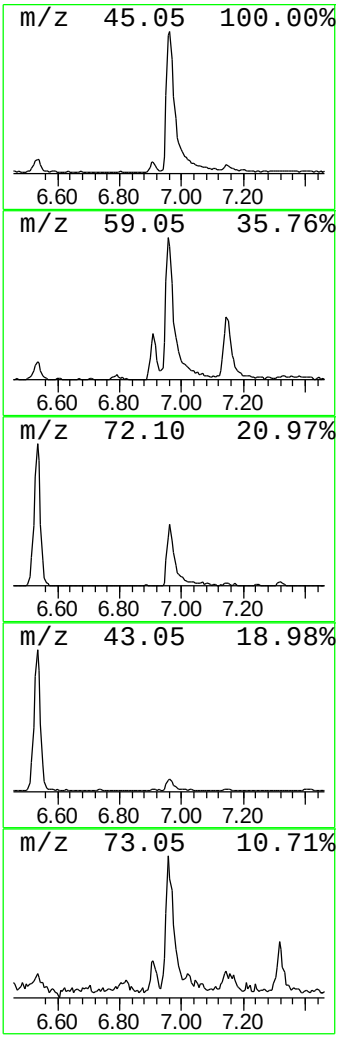
**********

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.96 | 4.71 ng | 174750 | 1,4-Dichlorobenzene-d4 | 7.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 90 |
| 2 | Ethanol, 2-(2-methoxyethoxy)- | 120 | C5H12O3 | 000111-77-3 | 42 |
| 3 | (R)-(-)-2-Pentanol | 88 | C5H12O | 031087-44-2 | 38 |
| 4 | .beta.-Methoxyethoxymethyl chloride | 124 | C4H9ClO2 | 003970-21-6 | 36 |
| 5 | 2-Propanol, 1-(1-methylethoxy)- | 118 | C6H14O2 | 003944-36-3 | 36 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

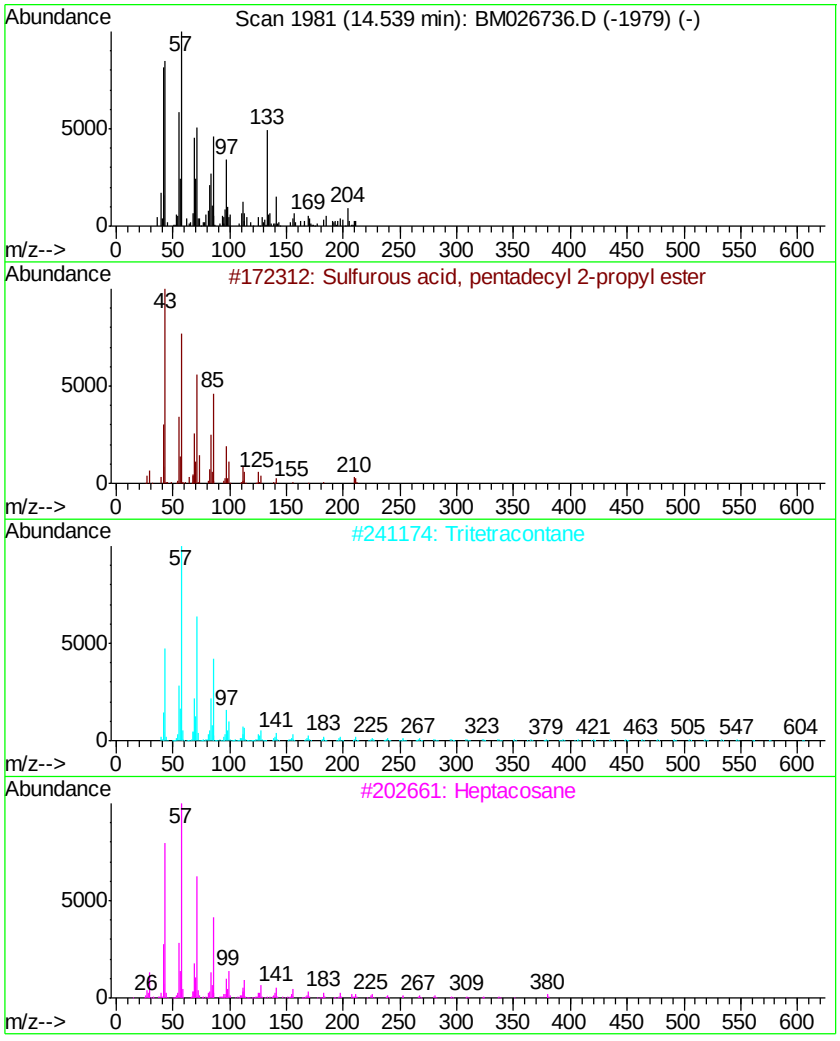
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

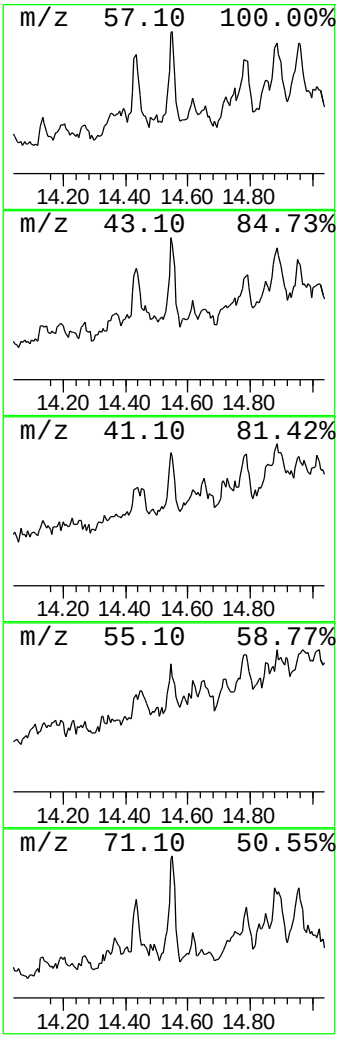
**********

Peak Number 3 Sulfurous acid, pentadecyl ... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.54 | 2.29 ng | 120055 | Acenaphthene-d10 | 13.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 86 |
| 2 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 80 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 72 |
| 4 | Sulfurous acid, butyl heptadecyl... | 376 | C21H44O3S | 1000309-18-4 | 72 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 64 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

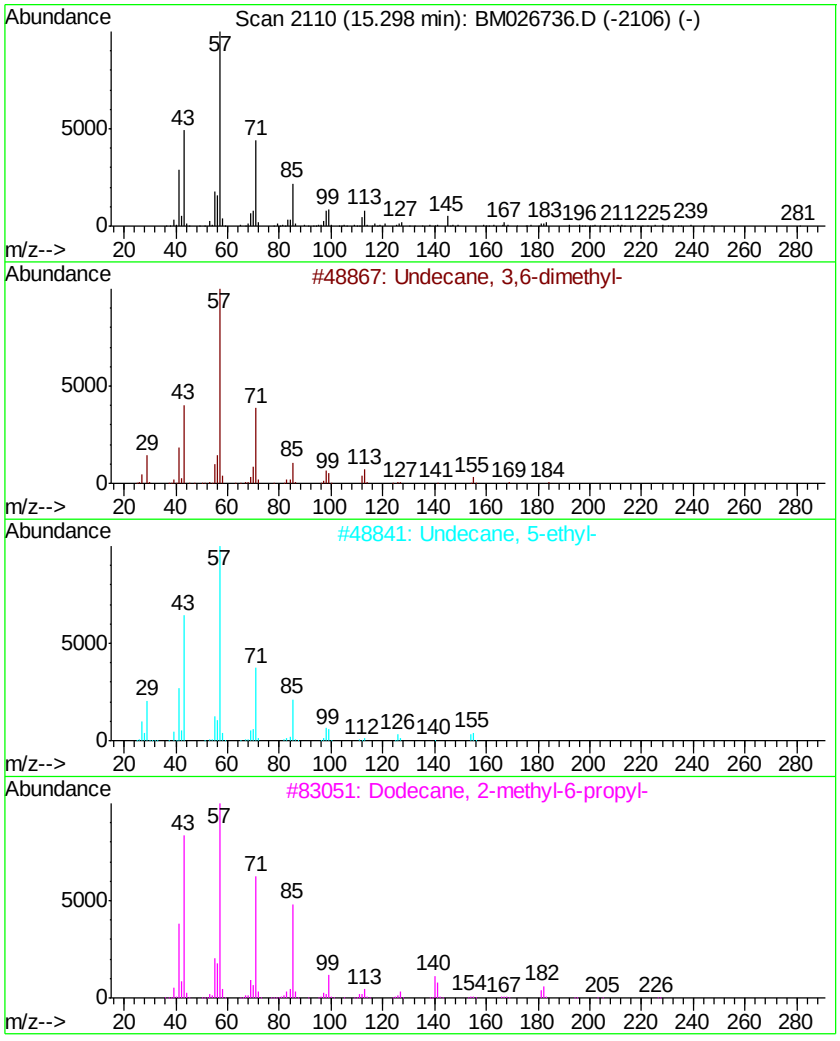
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

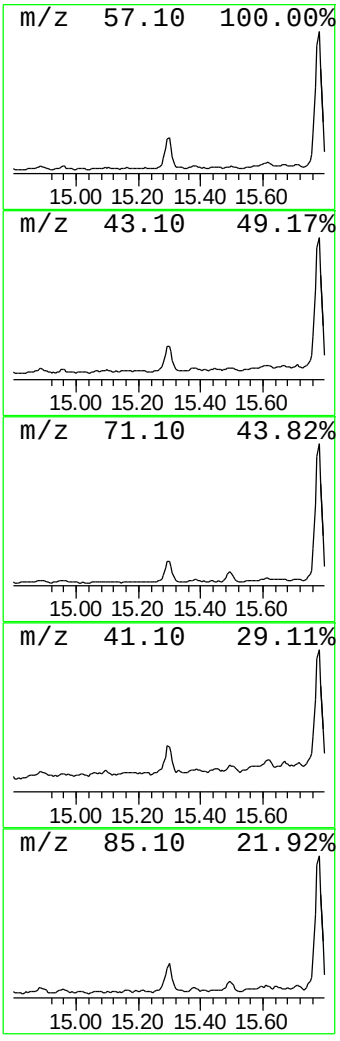
**********

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.30 | 7.71 ng | 403418 | Acenaphthene-d10 | 13.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 3,6-dimethyl- | 184 | C13H28 | 017301-28-9 | 72 |
| 2 | Undecane, 5-ethyl- | 184 | C13H28 | 017453-94-0 | 72 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 59 |
| 4 | Decane, 2,6,8-trimethyl- | 184 | C13H28 | 062108-26-3 | 59 |
| 5 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 59 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

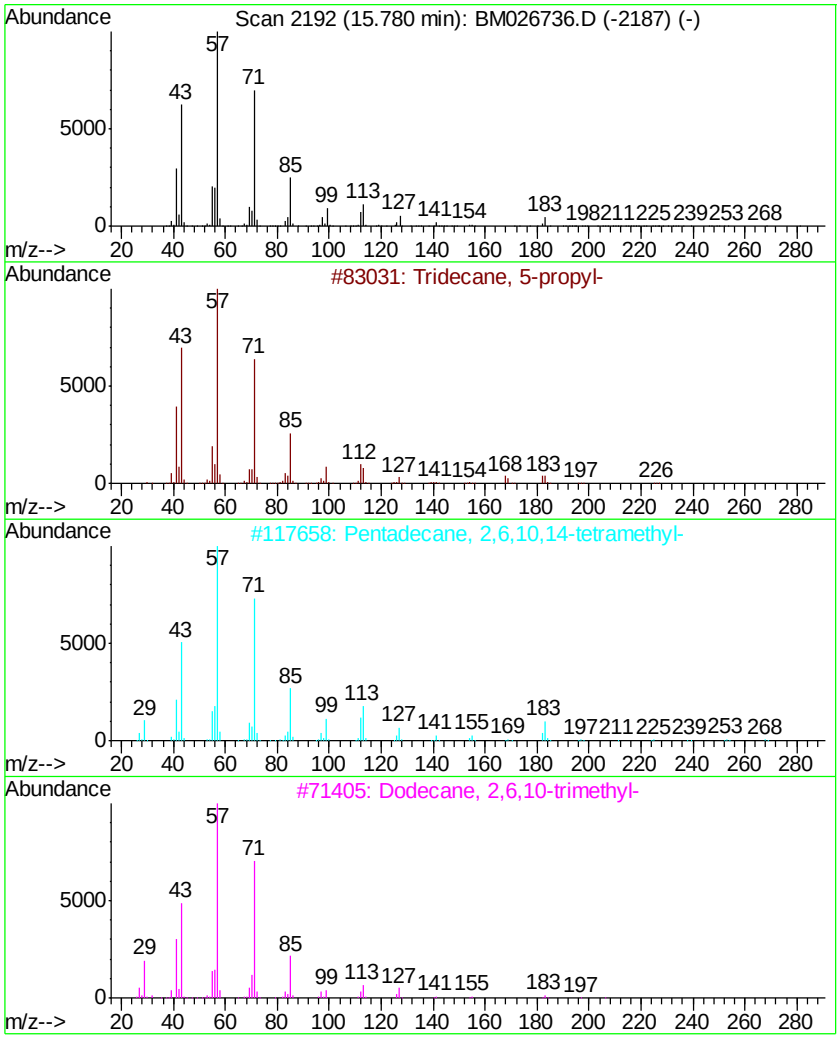
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

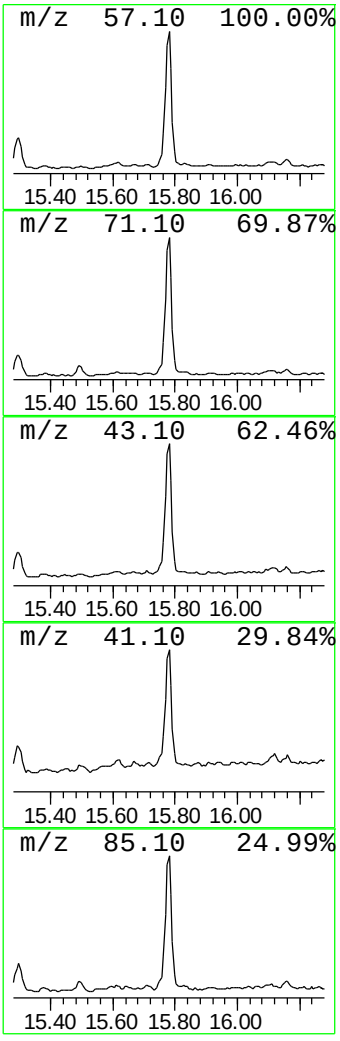
**********

Peak Number 5 Tridecane, 5-propyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.78 | 37.99 ng | 2041300 | Phenanthrene-d10 | 16.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 90 |
| 2 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 90 |
| 3 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 83 |
| 4 | Hexadecane, 2,6,10-trimethyl- | 268 | C19H40 | 055000-52-7 | 81 |
| 5 | Hexadecane, 2,6,11,15-tetramethyl- | 282 | C20H42 | 000504-44-9 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

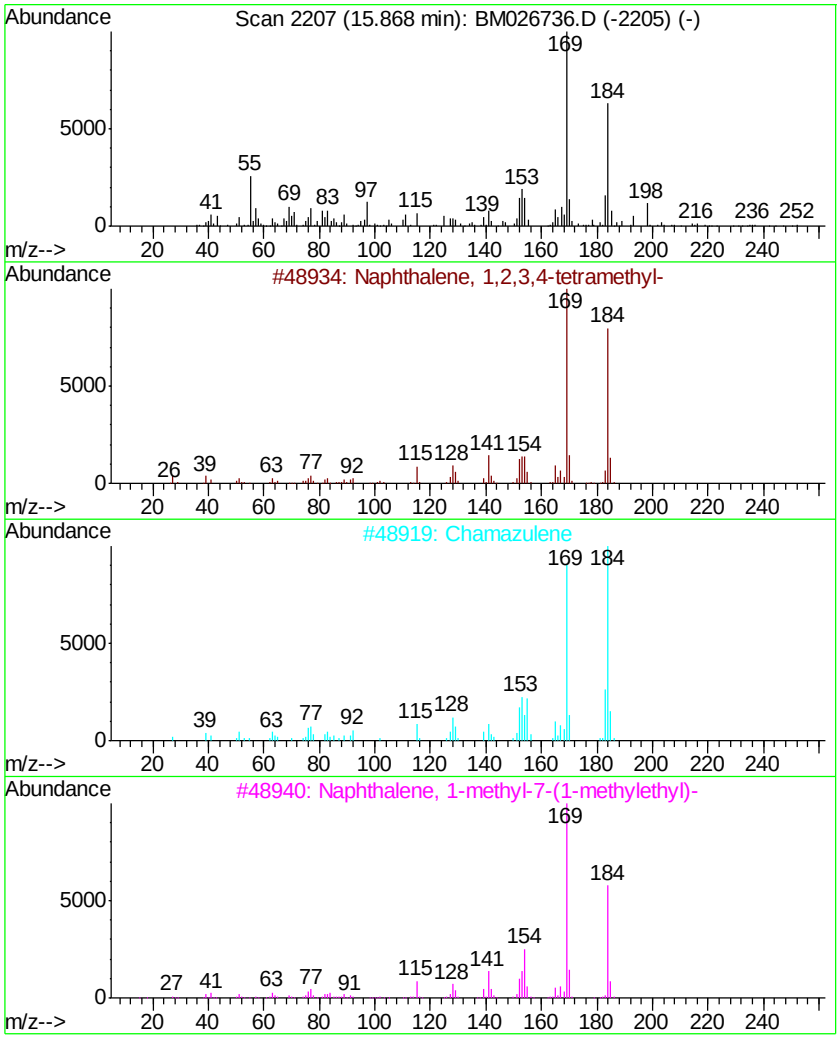
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

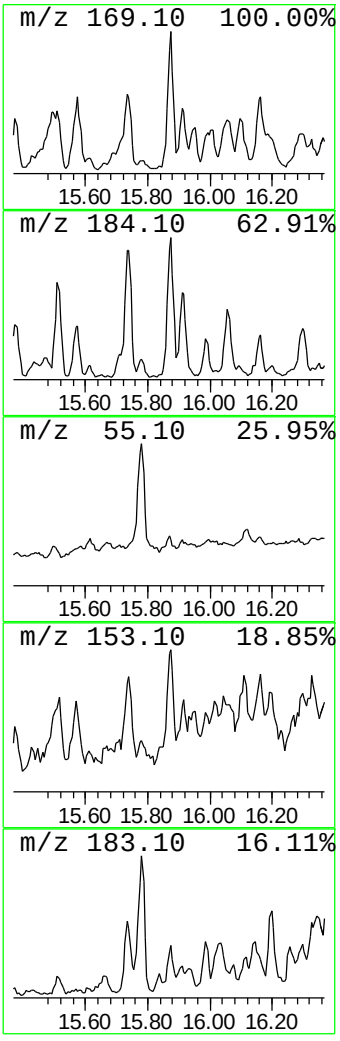
**********

Peak Number 6 Naphthalene, 1,2,3,4-tetram... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.87 | 3.41 ng | 183172 | Phenanthrene-d10 | 16.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 93 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 93 |
| 3 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 93 |
| 4 | Ethanone, 1-(5-chloro-2-hydroxy-... | 184 | C9H9ClO2 | 028480-70-8 | 58 |
| 5 | Naphthalene, 1-(1,1-dimethylethyl)- | 184 | C14H16 | 017085-91-5 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

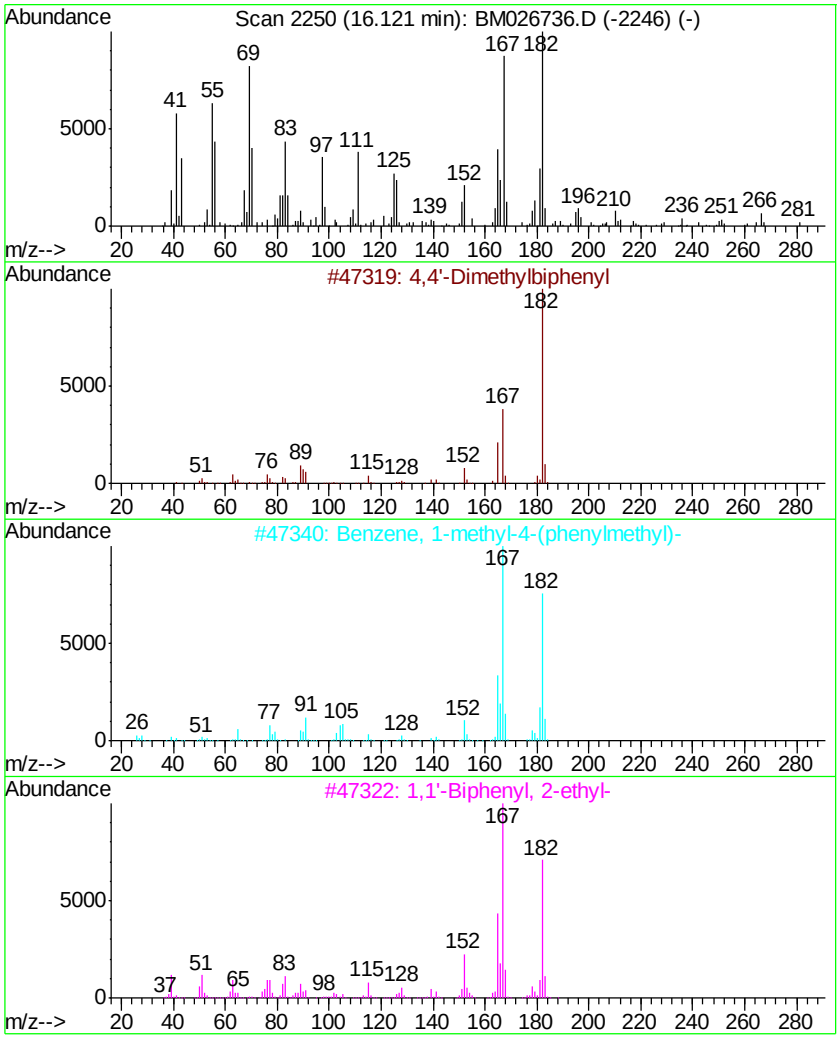
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

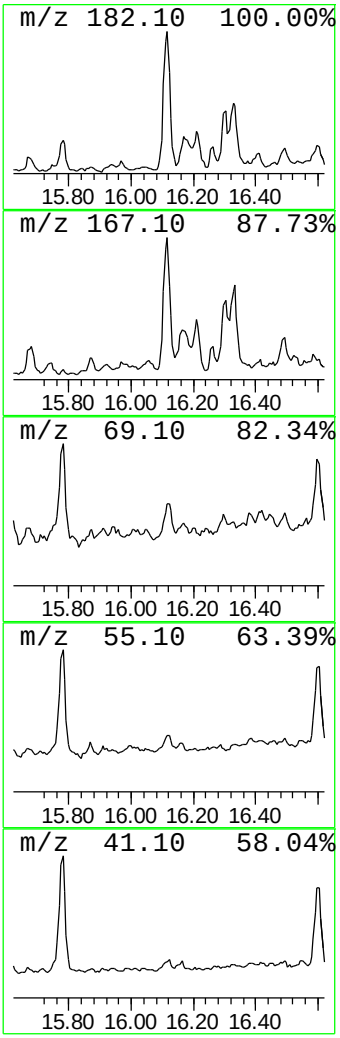
**********

Peak Number 7 4,4'-Dimethylbiphenyl Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.12 | 4.61 ng | 247887 | Phenanthrene-d10 | 16.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,4'-Dimethylbiphenyl | 182 | C14H14 | 000613-33-2 | 76 |
| 2 | Benzene, 1-methyl-4-(phenylmethyl)- | 182 | C14H14 | 000620-83-7 | 74 |
| 3 | 1,1'-Biphenyl, 2-ethyl- | 182 | C14H14 | 001812-51-7 | 72 |
| 4 | Benzene, 1-methyl-2-(phenylmethyl)- | 182 | C14H14 | 000713-36-0 | 64 |
| 5 | 7-Phenylbicyclo[3.2.1]octa-2,6-d... | 182 | C14H14 | 1000201-01-7 | 43 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

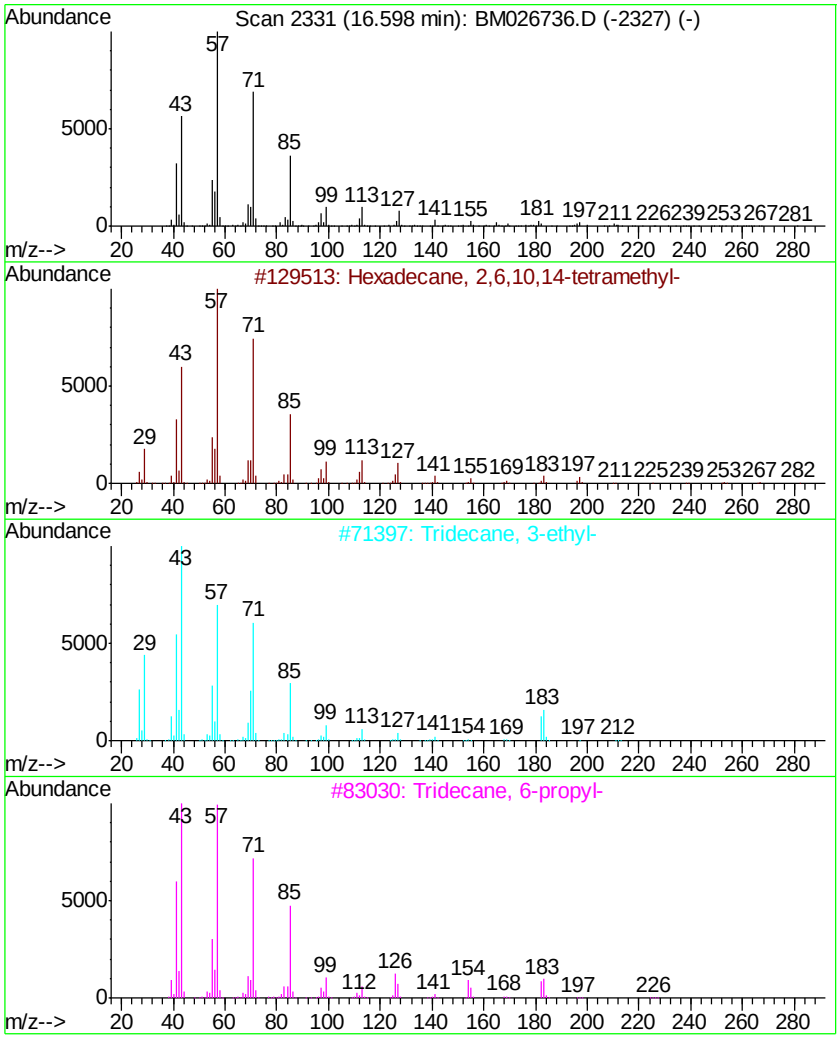
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

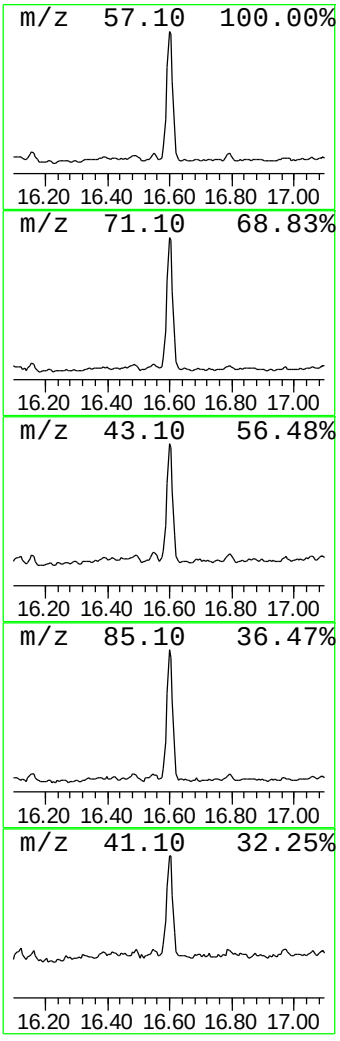
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.60 | 28.16 ng | 1513150 | Phenanthrene-d10 | 16.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 91 |
| 2 | Tridecane, 3-ethyl- | 212 | C15H32 | 013286-73-2 | 87 |
| 3 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 87 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 86 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

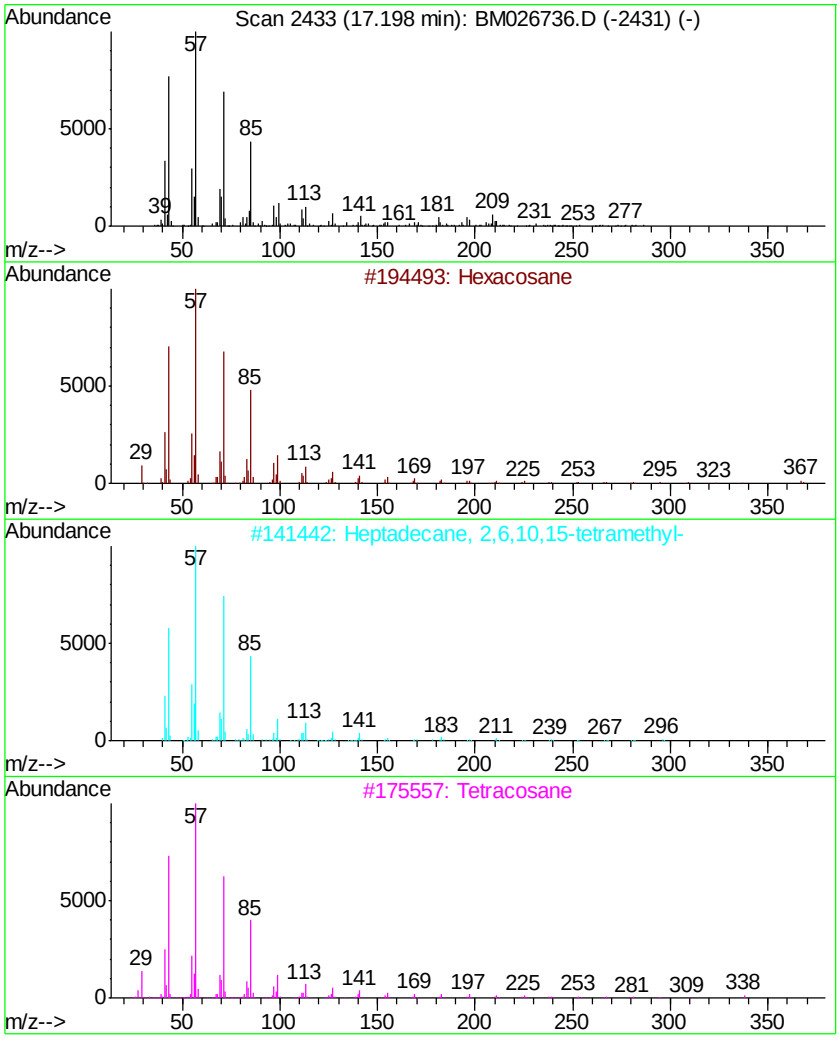
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

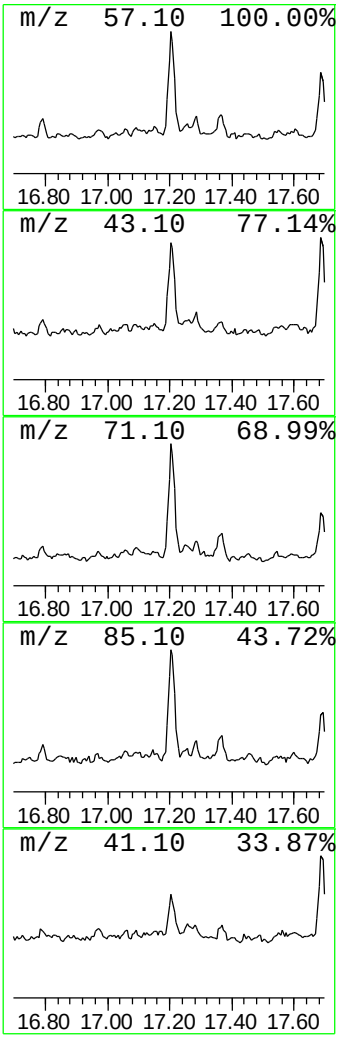
**********

Peak Number 9 Hexacosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.20 | 8.54 ng | 459103 | Phenanthrene-d10 | 16.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

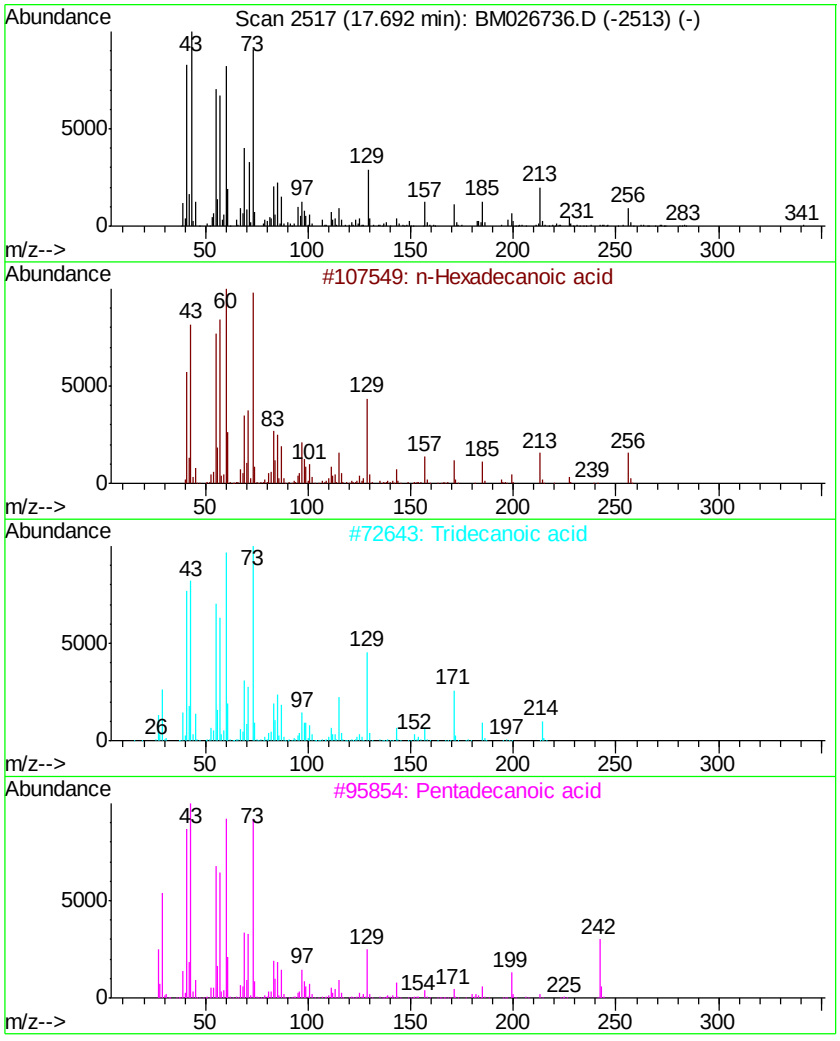
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

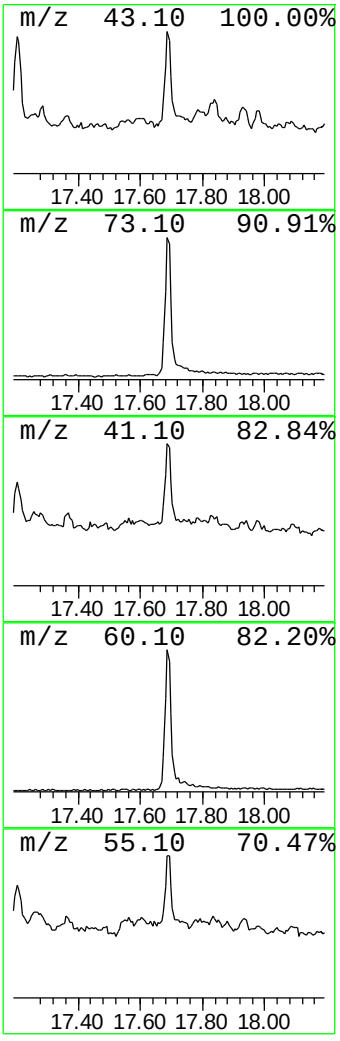
**********

Peak Number 10 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.69 | 10.97 ng | 589260 | Phenanthrene-d10 | 16.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 86 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 78 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 60 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

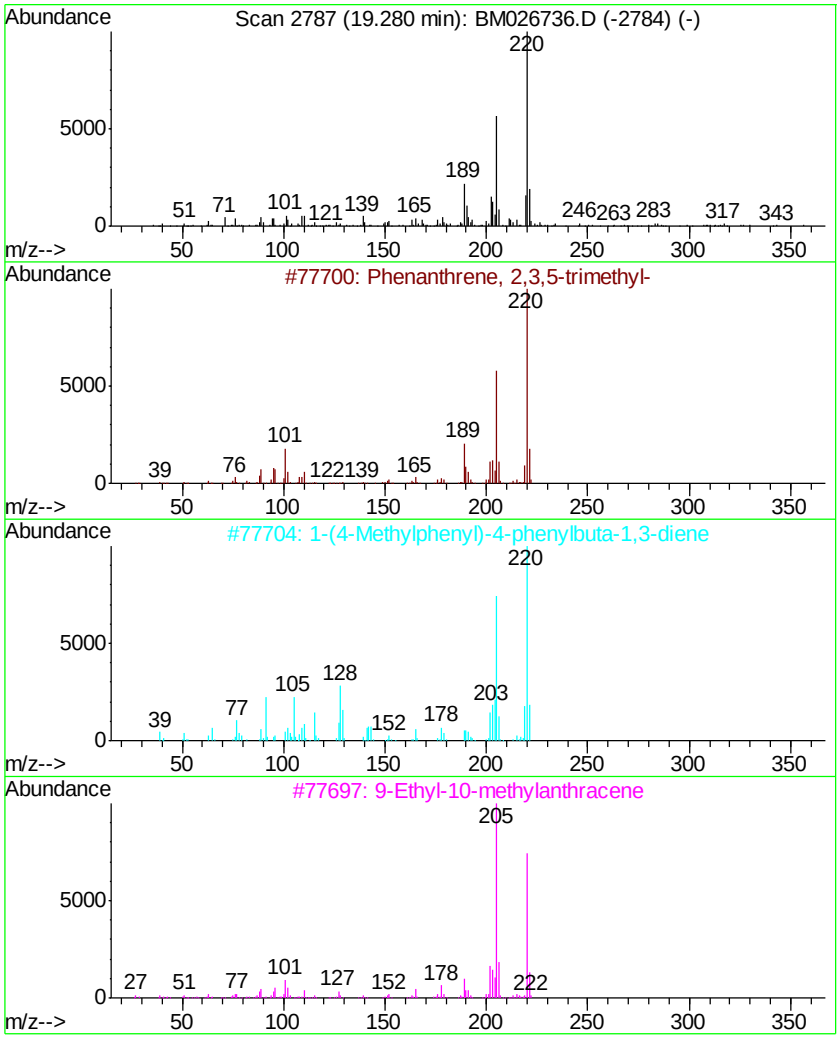
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

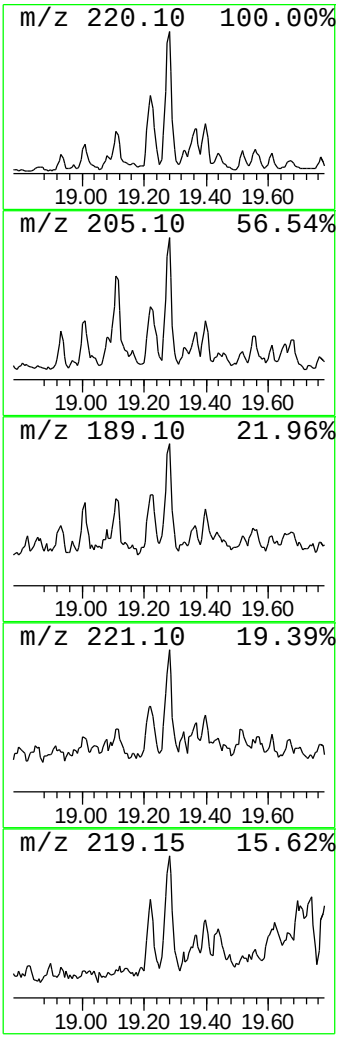
**********

Peak Number 11 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.28 | 5.01 ng | 325749 | Chrysene-d12 | 20.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3,5-trimethyl- | 220 | C17H16 | 003674-73-5 | 95 |
| 2 | 1-(4-Methylphenyl)-4-phenylbuta-... | 220 | C17H16 | 037985-11-8 | 87 |
| 3 | 9-Ethyl-10-methylanthracene | 220 | C17H16 | 019713-49-6 | 64 |
| 4 | Benzo[b]dihydropyran, 6-hydroxy-... | 220 | C14H20O2 | 050442-70-1 | 53 |
| 5 | 3,5-Cyclohexadiene-1,2-dione, 3,... | 220 | C14H20O2 | 003383-21-9 | 50 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

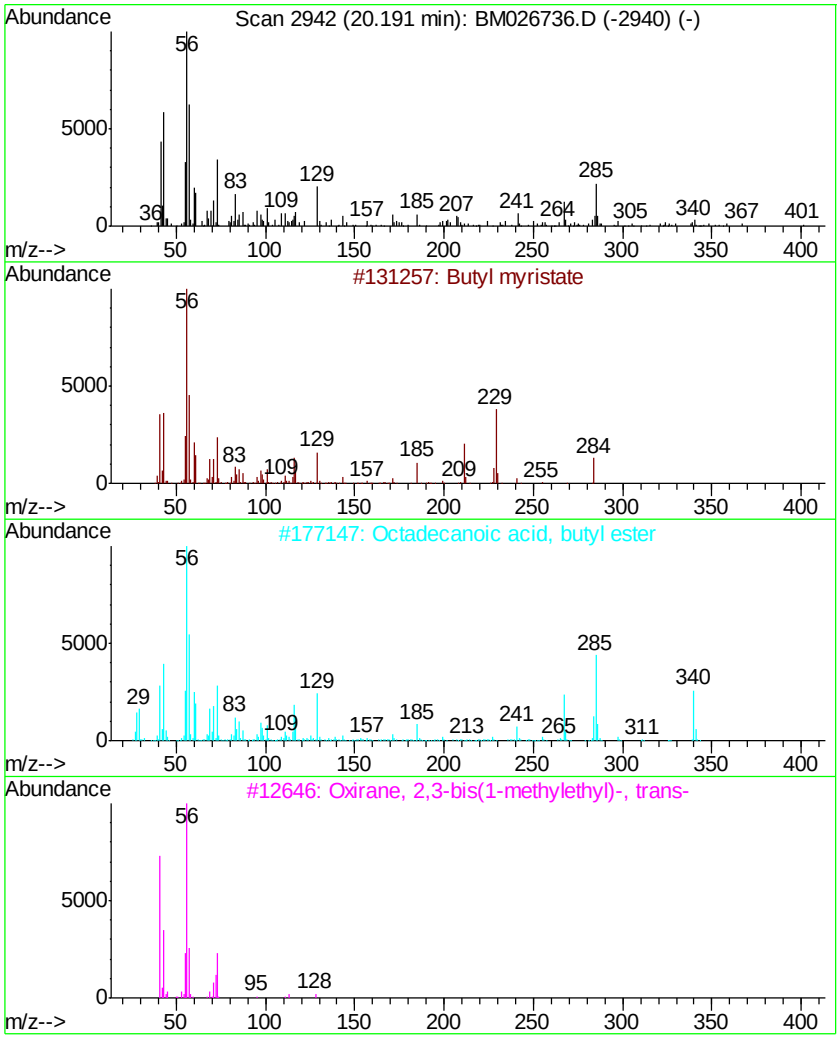
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

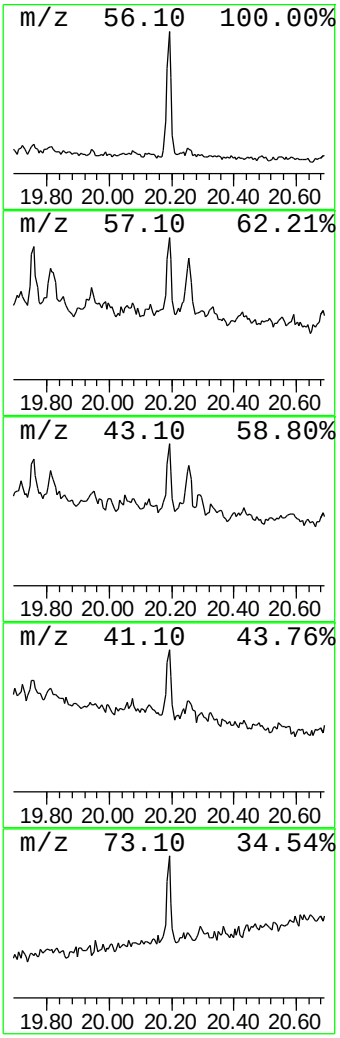
**********

Peak Number 12 Butyl myristate Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.19 | 2.17 ng | 141419 | Chrysene-d12 | 20.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butyl myristate | 284 | C18H36O2 | 000110-36-1 | 50 |
| 2 | Octadecanoic acid, butyl ester | 340 | C22H44O2 | 000123-95-5 | 43 |
| 3 | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O | 054644-32-5 | 38 |
| 4 | 2-(Cyanomethoxy)tetrahydropyran | 141 | C7H11NO2 | 017521-49-2 | 35 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 35 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

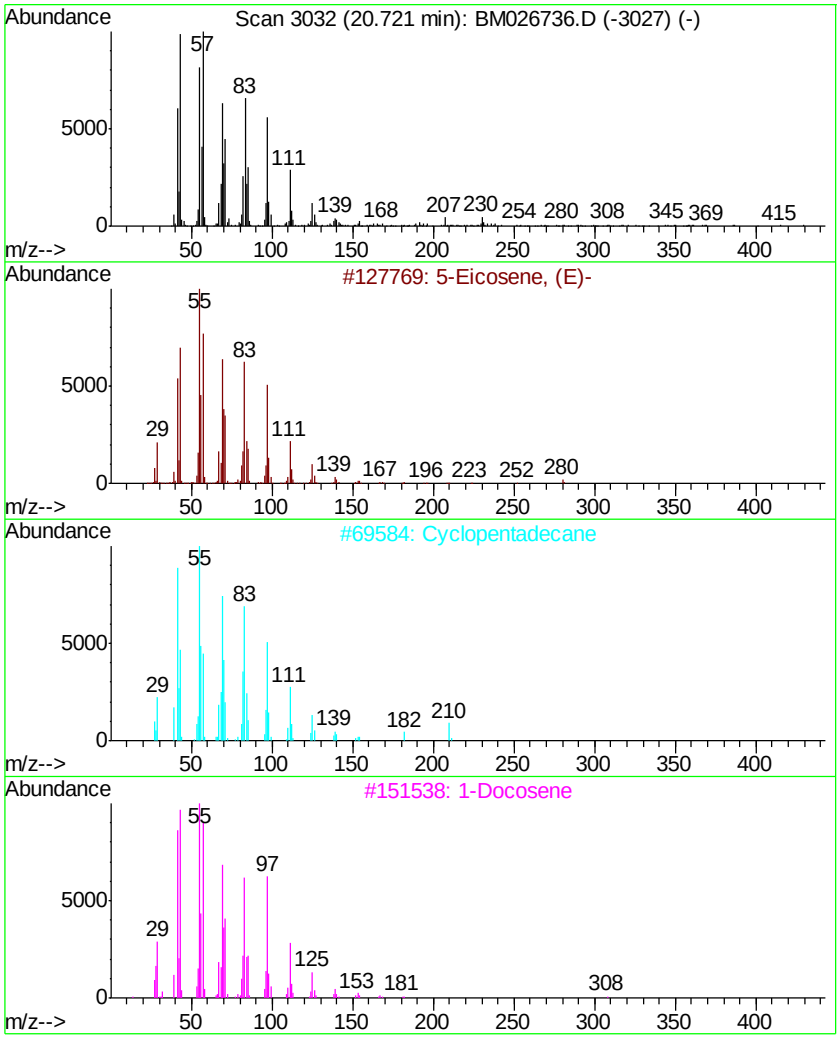
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

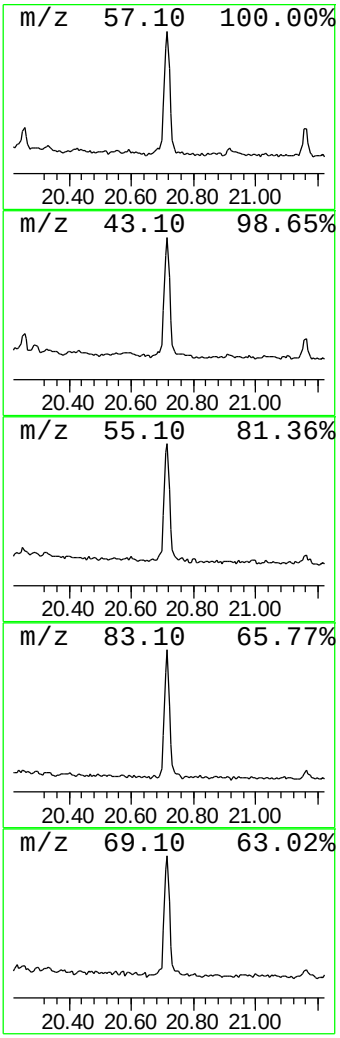
**********

Peak Number 13 5-Eicosene, (E)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.72 | 10.71 ng | 696518 | Chrysene-d12 | 20.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 98 |
| 2 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 96 |
| 3 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 4 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 92 |
| 5 | Octacosanol | 410 | C28H58O | 000557-61-9 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071020\
Data File : BM026736.D
Acq On : 10 Jul 2020 16:24
Operator : JU/CG
Sample : L3217-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E3-41-BOILER-ROOM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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 |
| Ethanol, 2-(2-eth... | 6.96 | 4.7 | ng | 174750 | 1 | 7.32 | 742736 | 20.0 |
| Sulfurous acid, p... | 14.54 | 2.3 | ng | 120055 | 3 | 13.98 | 1047010 | 20.0 |
| Undecane, 3,6-dim... | 15.30 | 7.7 | ng | 403418 | 3 | 13.98 | 1047010 | 20.0 |
| Tridecane, 5-propyl- | 15.78 | 38.0 | ng | 2041300 | 4 | 16.74 | 1074660 | 20.0 |
| Naphthalene, 1,2,... | 15.87 | 3.4 | ng | 183172 | 4 | 16.74 | 1074660 | 20.0 |
| 4,4'-Dimethylbiph... | 16.12 | 4.6 | ng | 247887 | 4 | 16.74 | 1074660 | 20.0 |
| Hexadecane, 2,6,1... | 16.60 | 28.2 | ng | 1513150 | 4 | 16.74 | 1074660 | 20.0 |
| Hexacosane | 17.20 | 8.5 | ng | 459103 | 4 | 16.74 | 1074660 | 20.0 |
| n-Hexadecanoic acid | 17.69 | 11.0 | ng | 589260 | 4 | 16.74 | 1074660 | 20.0 |
| Phenanthrene, 2,3... | 19.28 | 5.0 | ng | 325749 | 5 | 20.97 | 1301060 | 20.0 |
| Butyl myristate | 20.19 | 2.2 | ng | 141419 | 5 | 20.97 | 1301060 | 20.0 |
| 5-Eicosene, (E)- | 20.72 | 10.7 | ng | 696518 | 5 | 20.97 | 1301060 | 20.0 |