LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

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_P\METHODS\8270-BP082420.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 | 2.917 | 3 | 5 | 55 | rVB | 570500 | 1647372 | 9.30% | 1.533% |
| 2 | 5.264 | 397 | 404 | 418 | rBV | 1367045 | 2076264 | 11.72% | 1.932% |
| 3 | 6.840 | 663 | 672 | 686 | rBV | 1304890 | 2108809 | 11.90% | 1.962% |
| 4 | 7.652 | 800 | 810 | 820 | rBV | 471494 | 741466 | 4.18% | 0.690% |
| 5 | 8.799 | 998 | 1005 | 1014 | rBV | 888651 | 1445835 | 8.16% | 1.345% |
| 6 | 10.428 | 1275 | 1282 | 1296 | rBV | 602647 | 1030746 | 5.82% | 0.959% |
| 7 | 12.916 | 1699 | 1705 | 1712 | rVB | 2575747 | 3936887 | 22.22% | 3.663% |
| 8 | 13.751 | 1842 | 1847 | 1855 | rVB | 187351 | 260619 | 1.47% | 0.242% |
| 9 | 14.163 | 1910 | 1917 | 1933 | rVB | 245617 | 632536 | 3.57% | 0.589% |
| 10 | 14.292 | 1934 | 1939 | 1952 | rVB | 967704 | 1426775 | 8.05% | 1.327% |
| 11 | 15.545 | 2143 | 2152 | 2161 | rVB | 68450 | 225901 | 1.27% | 0.210% |
| 12 | 15.787 | 2187 | 2193 | 2203 | rBV | 2041603 | 2963461 | 16.73% | 2.757% |
| 13 | 17.045 | 2402 | 2407 | 2412 | rVB | 1244890 | 1744057 | 9.84% | 1.623% |
| 14 | 17.969 | 2558 | 2564 | 2586 | rBV | 1604312 | 2561756 | 14.46% | 2.383% |
| 15 | 18.798 | 2695 | 2705 | 2721 | rVB | 519472 | 1664063 | 9.39% | 1.548% |
| 16 | 19.069 | 2746 | 2751 | 2760 | rBV | 178300 | 376683 | 2.13% | 0.350% |
| 17 | 19.204 | 2769 | 2774 | 2788 | rBV | 844166 | 1267774 | 7.16% | 1.180% |
| 18 | 19.416 | 2799 | 2810 | 2820 | rVB | 6517233 | 17718021 | 100.00% | 16.485% |
| 19 | 19.622 | 2838 | 2845 | 2855 | rBV | 5069646 | 6386153 | 36.04% | 5.942% |
| 20 | 19.810 | 2867 | 2877 | 2884 | rBV | 4174239 | 9583699 | 54.09% | 8.917% |
| 21 | 19.886 | 2884 | 2890 | 2902 | rVB2 | 1380679 | 3311087 | 18.69% | 3.081% |
| 22 | 19.992 | 2904 | 2908 | 2915 | rVB4 | 132335 | 257592 | 1.45% | 0.240% |
| 23 | 20.086 | 2916 | 2924 | 2934 | rBV | 3440751 | 8420591 | 47.53% | 7.835% |
| 24 | 20.722 | 3024 | 3032 | 3043 | rBV | 2052628 | 4283451 | 24.18% | 3.985% |
| 25 | 20.874 | 3054 | 3058 | 3064 | rBV2 | 660881 | 893976 | 5.05% | 0.832% |
| 26 | 21.139 | 3097 | 3103 | 3108 | rBV | 2268637 | 2973126 | 16.78% | 2.766% |
| 27 | 21.304 | 3125 | 3131 | 3144 | rVV2 | 517964 | 1719310 | 9.70% | 1.600% |
| 28 | 21.427 | 3145 | 3152 | 3167 | rVB | 2530113 | 5196960 | 29.33% | 4.835% |
| 29 | 21.745 | 3203 | 3206 | 3219 | rVB5 | 143952 | 279381 | 1.58% | 0.260% |
| 30 | 22.163 | 3270 | 3277 | 3282 | rBV | 2390359 | 4579315 | 25.85% | 4.261% |
| 31 | 22.333 | 3302 | 3306 | 3312 | rVB | 834338 | 1152344 | 6.50% | 1.072% |
| 32 | 22.404 | 3314 | 3318 | 3333 | rVB4 | 343628 | 779093 | 4.40% | 0.725% |
| 33 | 22.716 | 3365 | 3371 | 3381 | rVB4 | 524686 | 1088882 | 6.15% | 1.013% |
| 34 | 22.821 | 3382 | 3389 | 3401 | rVB5 | 397402 | 1033025 | 5.83% | 0.961% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

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_P\METHODS\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 22.986 | 3410 | 3417 | 3429 | rVB | 1169517 | 2849132 | 16.08% | 2.651% |
| 36 | 23.368 | 3476 | 3482 | 3501 | rVB | 1746912 | 3559706 | 20.09% | 3.312% |
| 37 | 23.927 | 3570 | 3577 | 3587 | rVB2 | 559870 | 1610395 | 9.09% | 1.498% |
| 38 | 24.033 | 3590 | 3595 | 3616 | rVB3 | 272177 | 1140119 | 6.43% | 1.061% |
| 39 | 24.721 | 3705 | 3712 | 3728 | rVB5 | 754029 | 2553730 | 14.41% | 2.376% |

Sum of corrected areas: 107480092

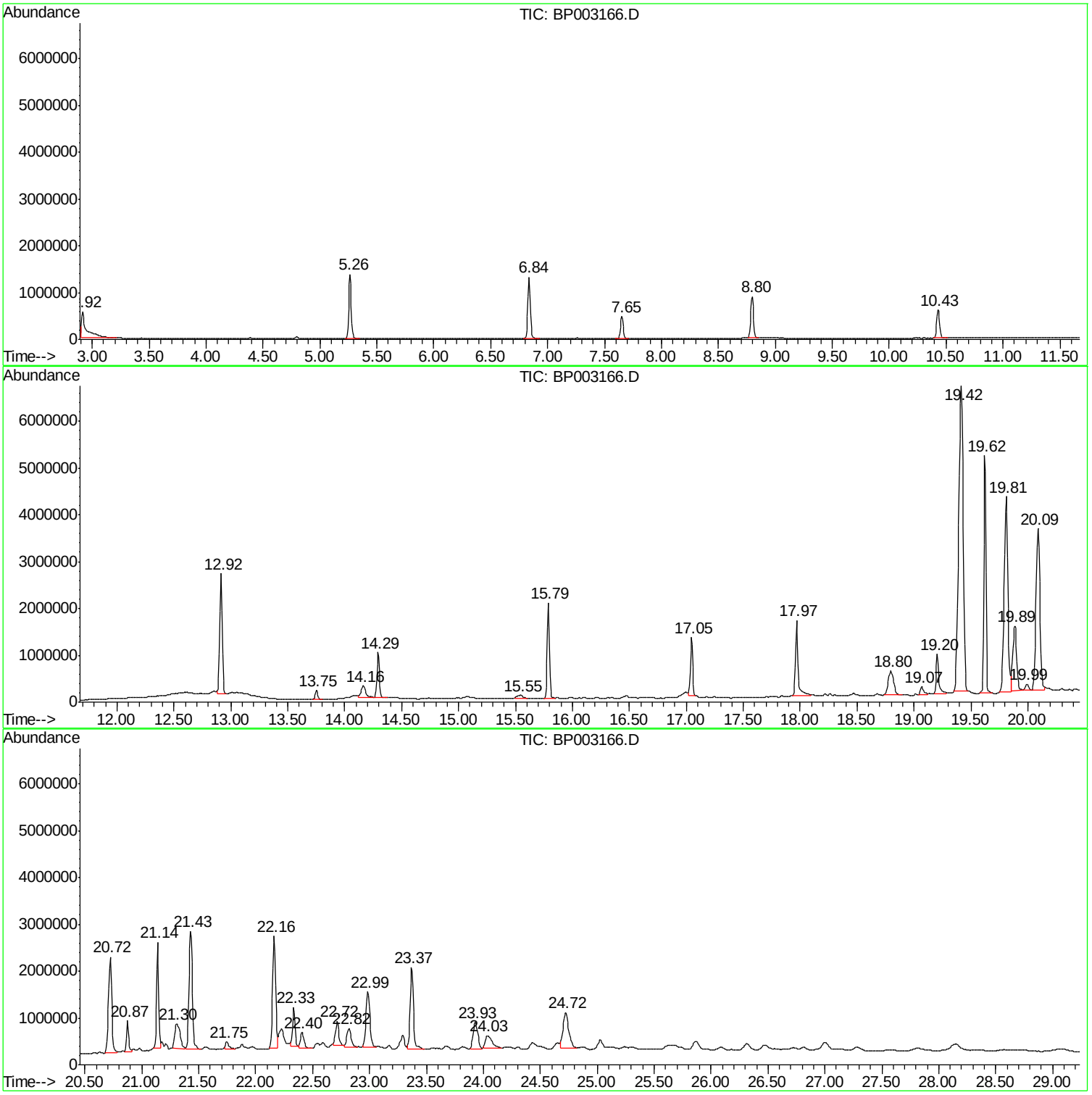
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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 P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

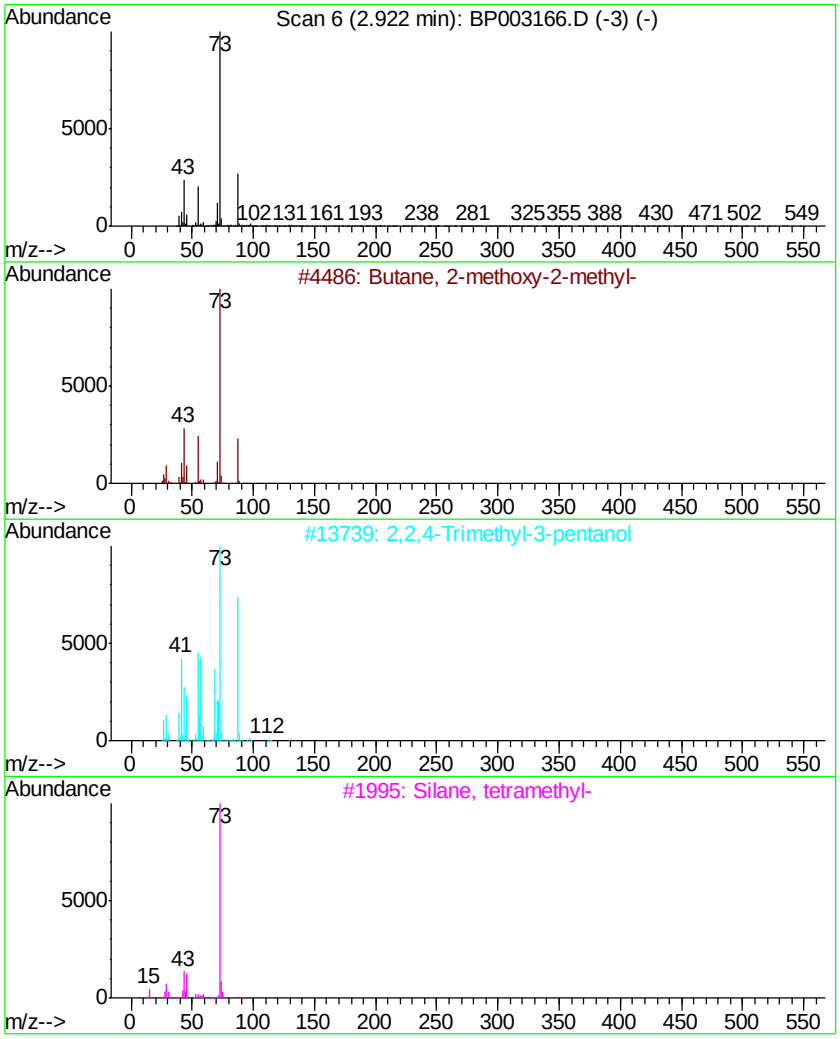
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

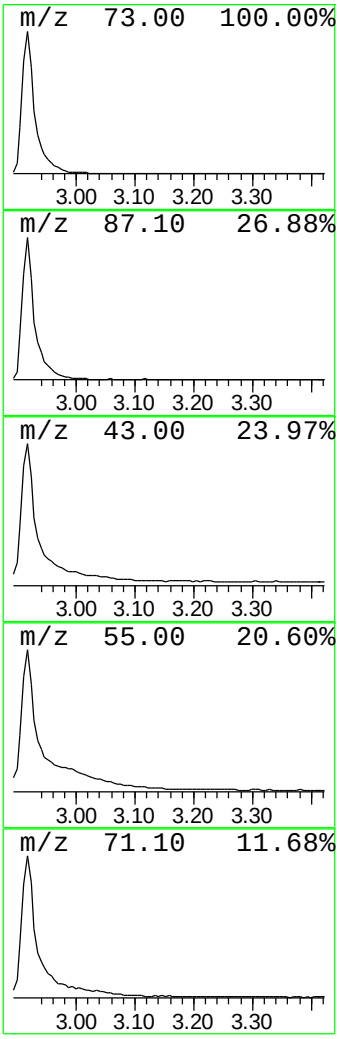
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.92 | 44.44 ng | 1647370 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 90 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |
| 4 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

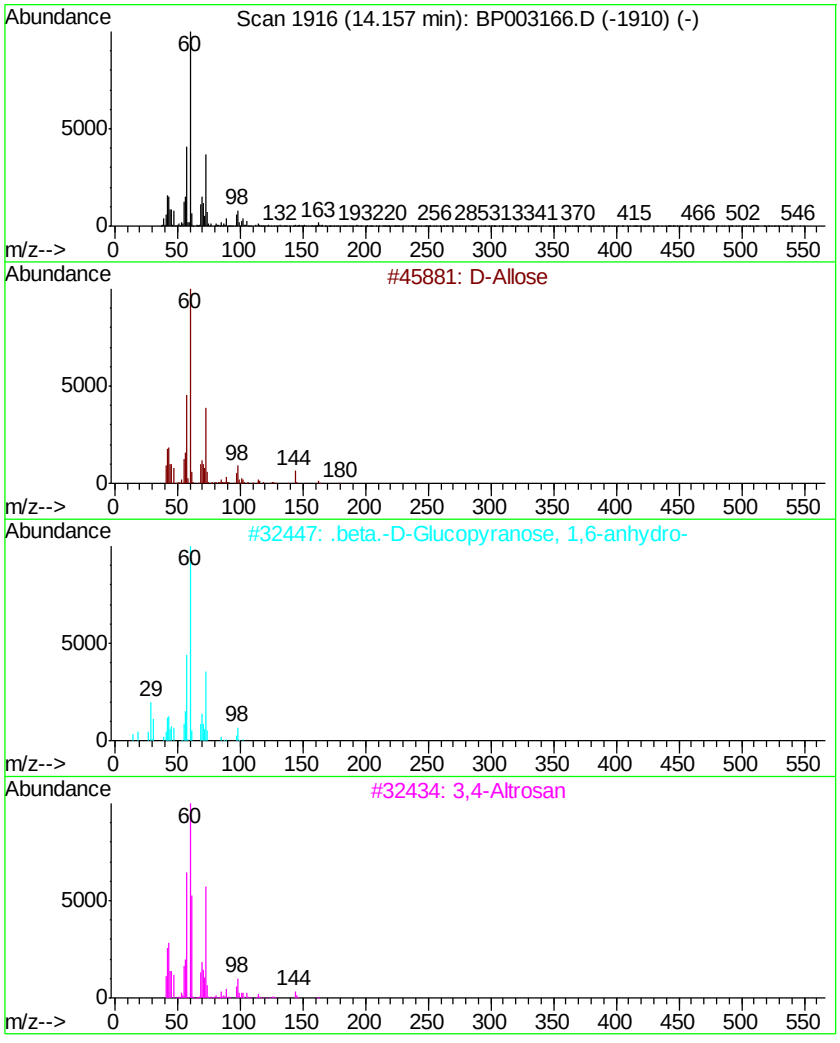
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

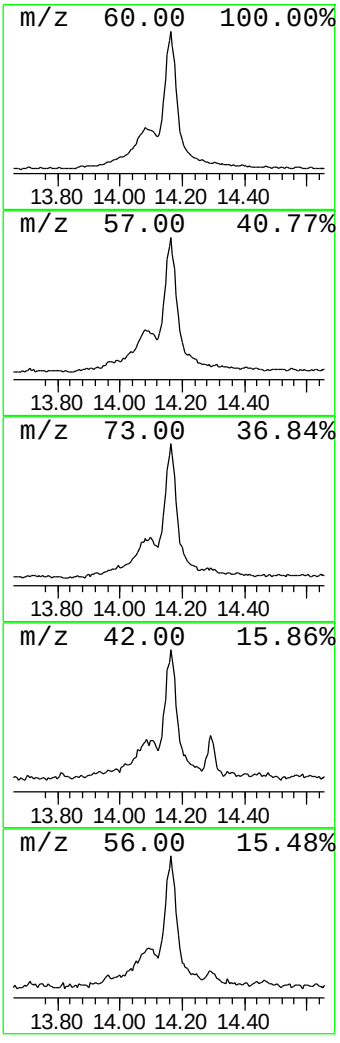
**********

Peak Number 2 D-Allose Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.16 | 8.87 ng | 632536 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | D-Allose | 180 | C6H12O6 | 002595-97-3 | 86 |
| 2 | .beta.-D-Glucopyranose, 1,6-anhy... | 162 | C6H10O5 | 000498-07-7 | 72 |
| 3 | 3,4-Altrosan | 162 | C6H10O5 | 1000129-76-4 | 50 |
| 4 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 50 |
| 5 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

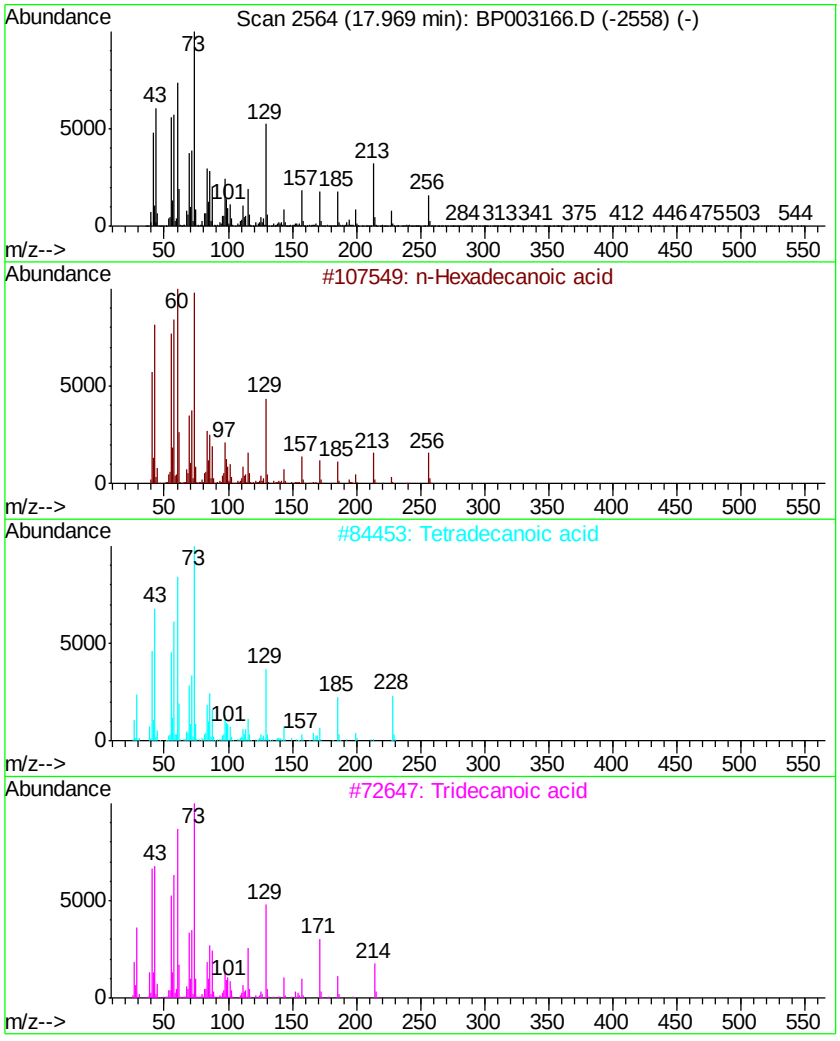
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

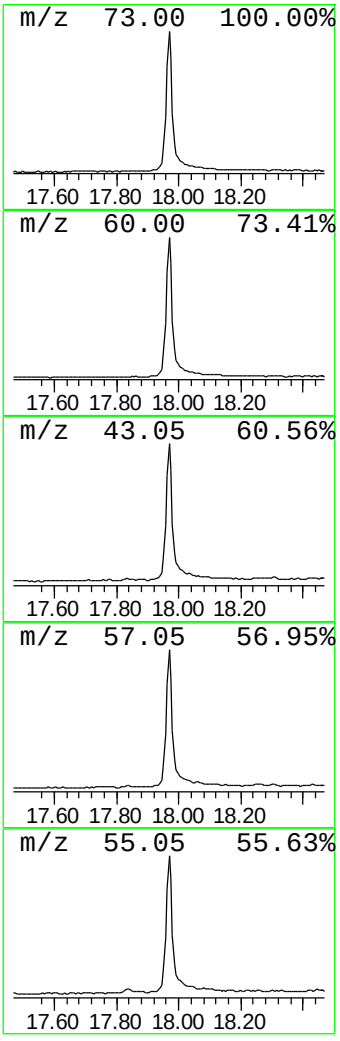
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.97 | 29.38 ng | 2561760 | Phenanthrene-d10 | 17.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 93 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 83 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 76 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 68 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

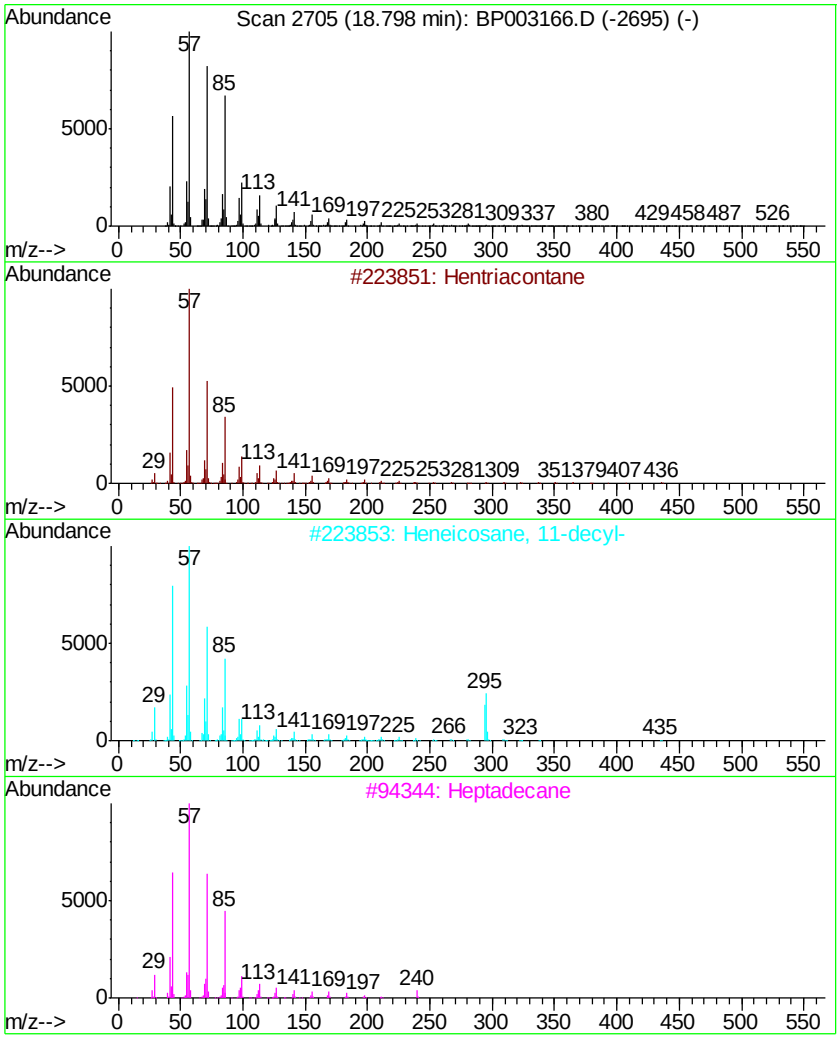
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

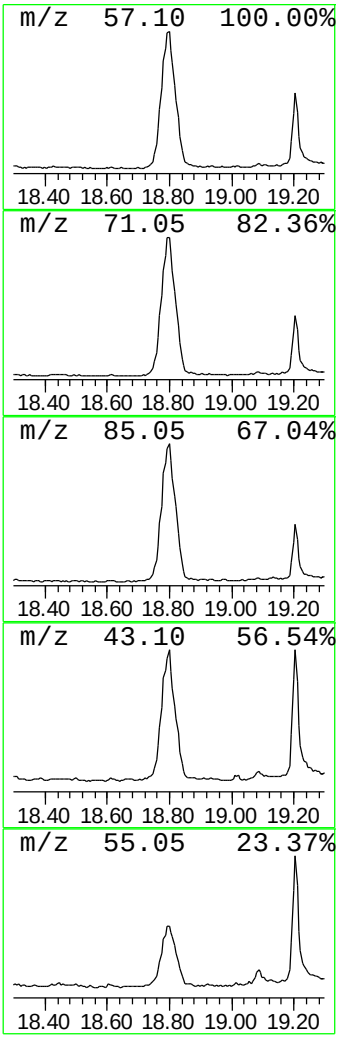
**********

Peak Number 4 Hentriacontane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.80 | 19.08 ng | 1664060 | Phenanthrene-d10 | 17.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 97 |
| 2 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 96 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 95 |
| 4 | Nonacosane | 408 | C29H60 | 000630-03-5 | 91 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

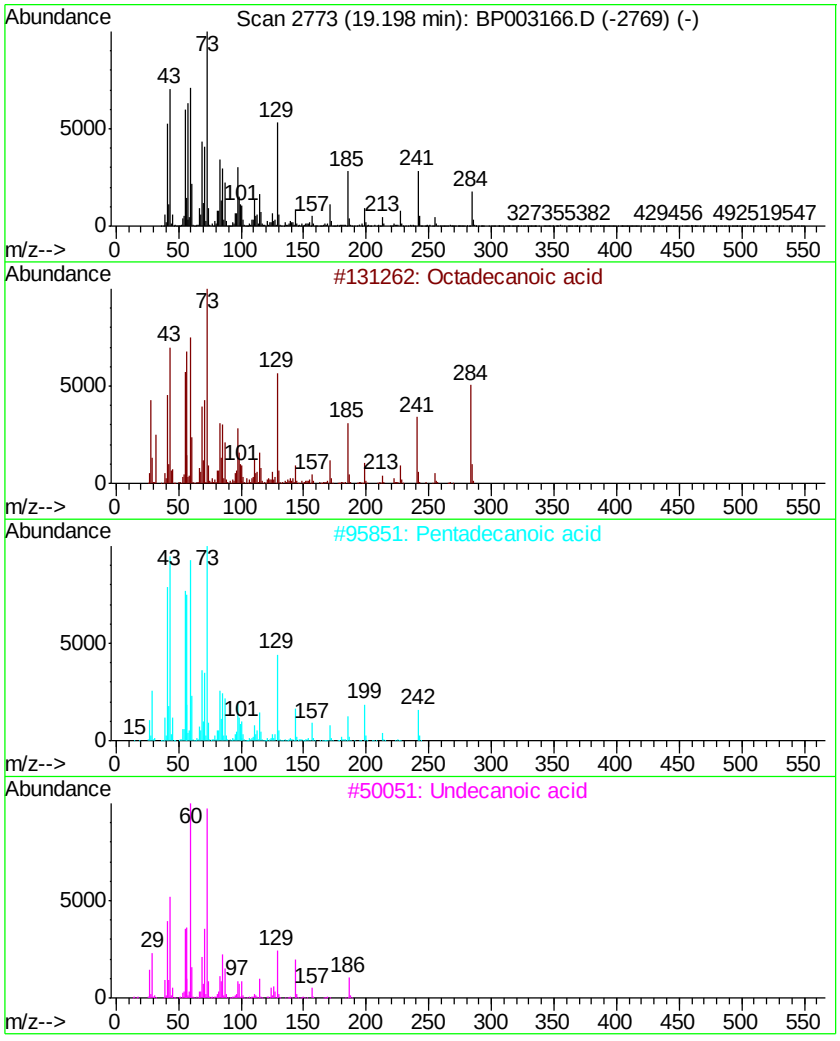
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

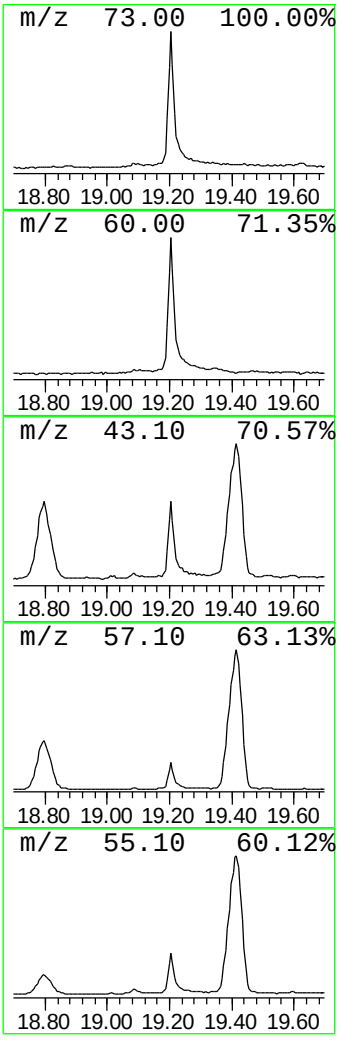
**********

Peak Number 5 Octadecanoic acid Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.20 | 8.53 ng | 1267770 | Chrysene-d12 | 21.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 3 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 64 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 62 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

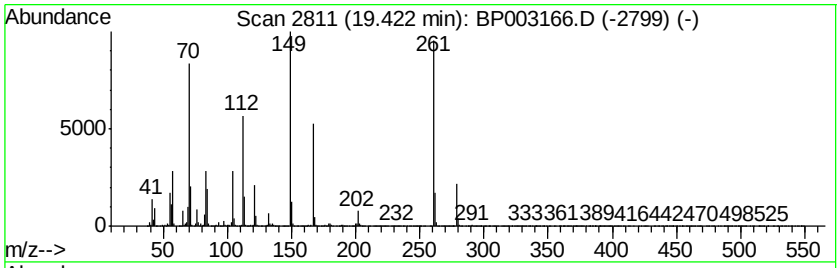
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

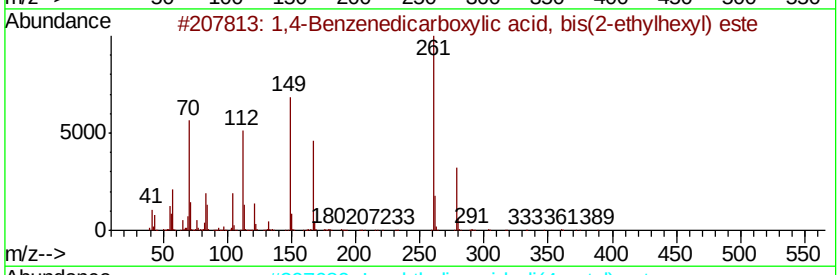
**********

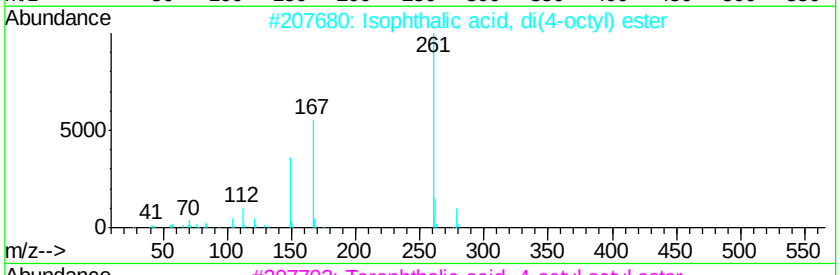
Peak Number 6 1,4-Benzenedicarboxylic aci... Concentration Rank 1

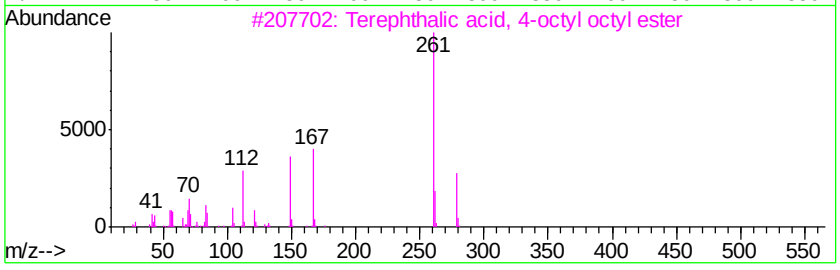
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.42 | 119.19 ng | 17718000 | Chrysene-d12 | 21.14 |

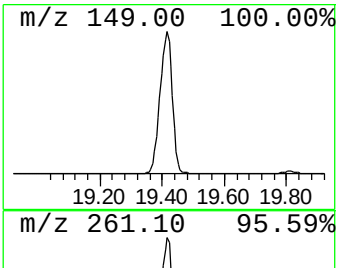
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 006422-86-2 | 94 |
| 2 | Isophthalic acid, di(4-octyl) ester | 390 | C24H38O4 | 1000344-04-3 | 87 |
| 3 | Terephthalic acid, 4-octyl octyl... | 390 | C24H38O4 | 1000323-73-7 | 74 |
| 4 | Terephthalic acid, 3-methylbut-2... | 348 | C21H32O4 | 1000356-27-6 | 72 |
| 5 | Terephthalic acid, di(4-octyl) e... | 390 | C24H38O4 | 1000323-74-2 | 68 |

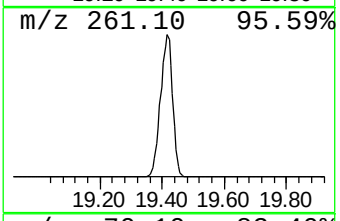


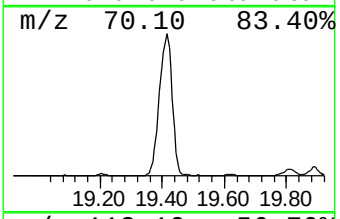



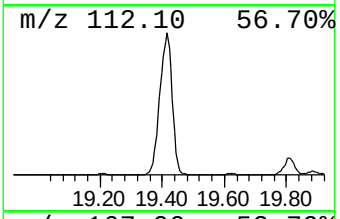



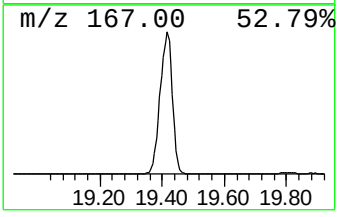



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

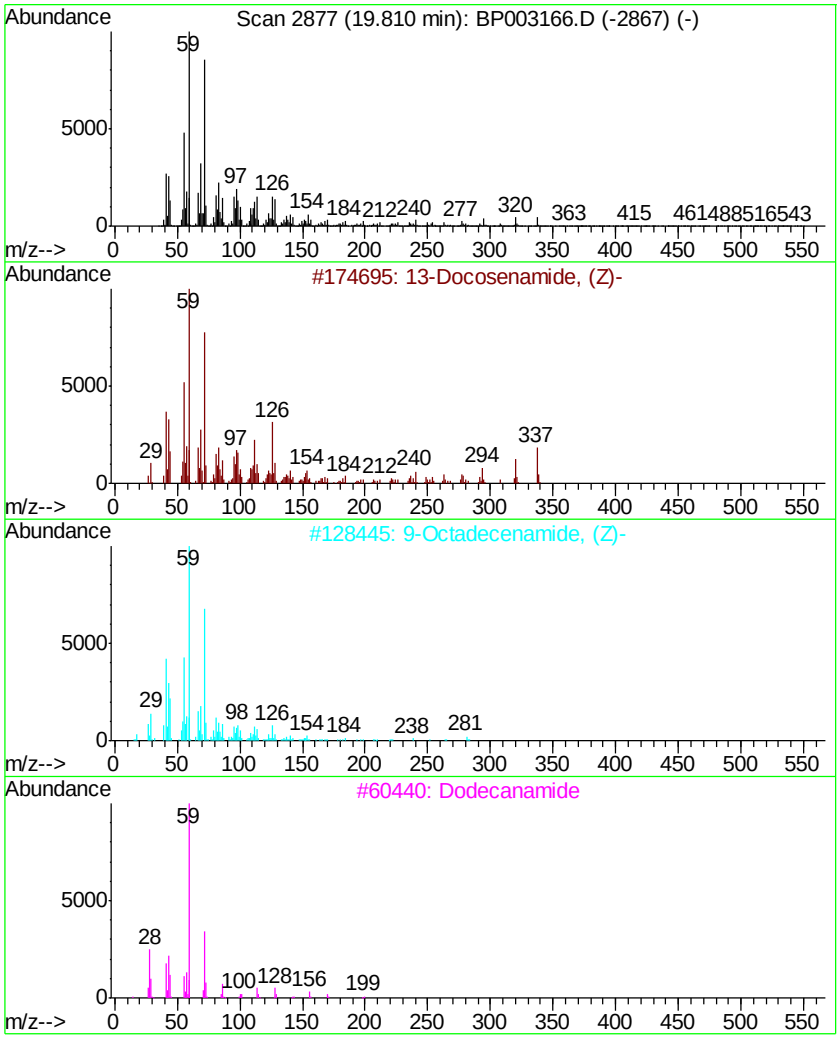
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

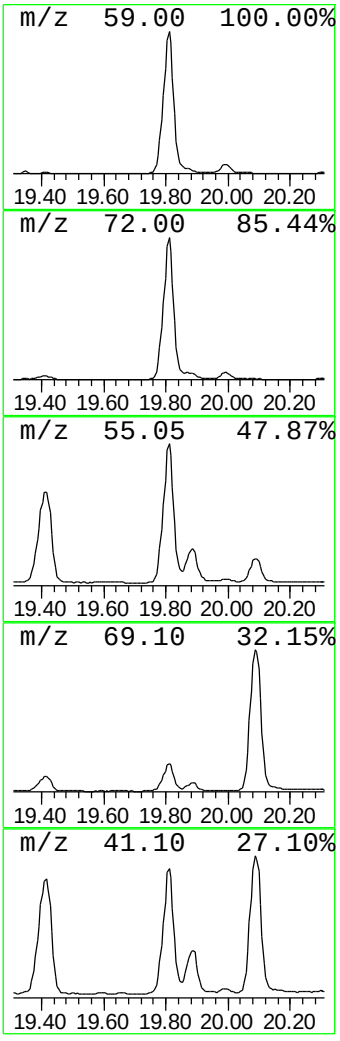
**********

Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.81 | 64.47 ng | 9583700 | Chrysene-d12 | 21.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 95 |
| 2 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 72 |
| 3 | Dodecanamide | 199 | C12H25NO | 001120-16-7 | 38 |
| 4 | 3-Tridecanol | 200 | C13H28O | 010289-68-6 | 35 |
| 5 | trans-13-Docosenamide | 337 | C22H43NO | 010436-09-6 | 30 |



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Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

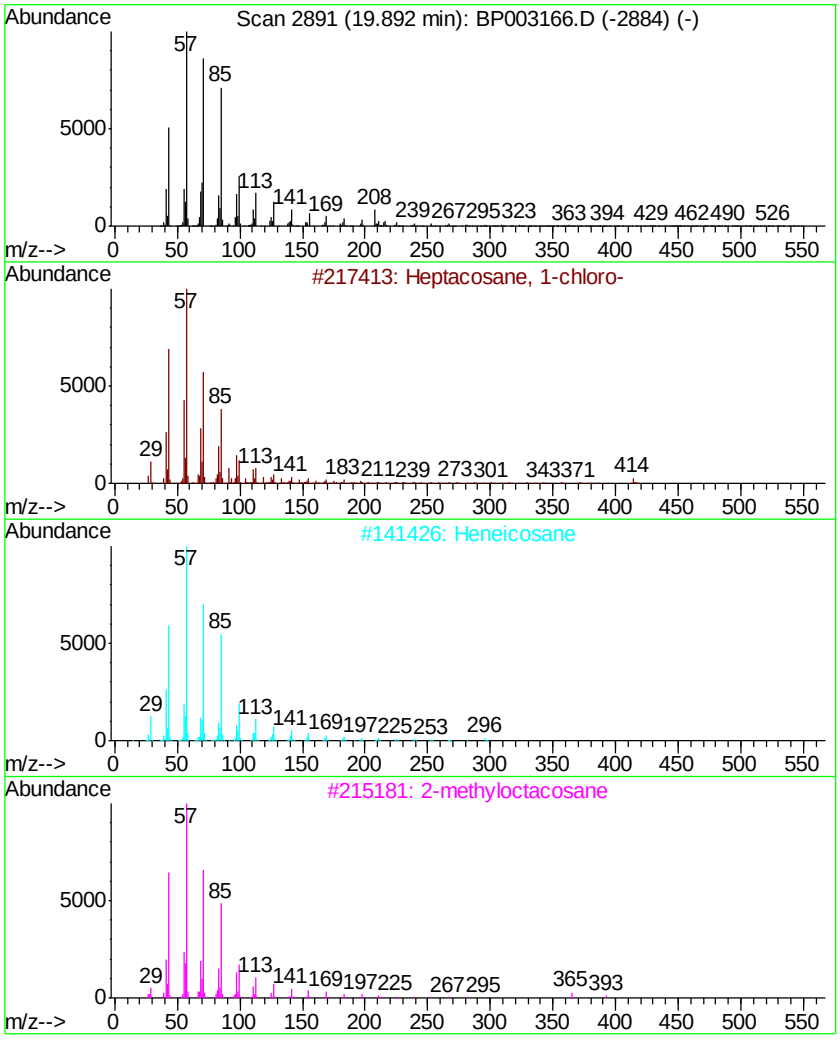
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

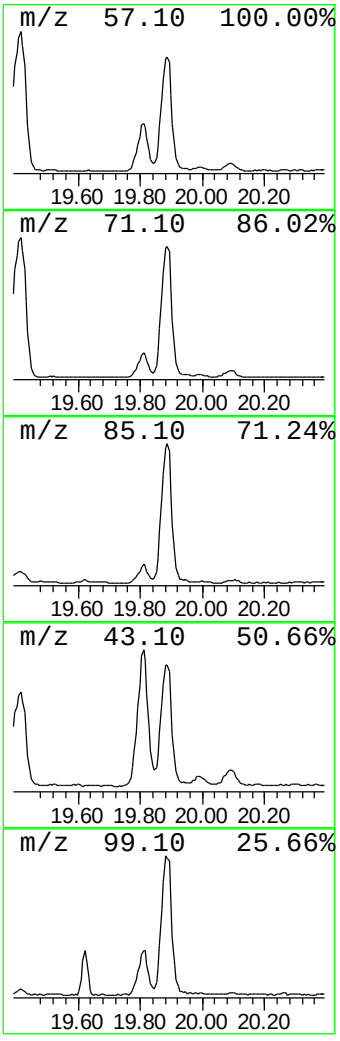
**********

Peak Number 8 Heptacosane, 1-chloro- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.89 | 22.27 ng | 3311090 | Chrysene-d12 | 21.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 83 |
| 5 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 83 |



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Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

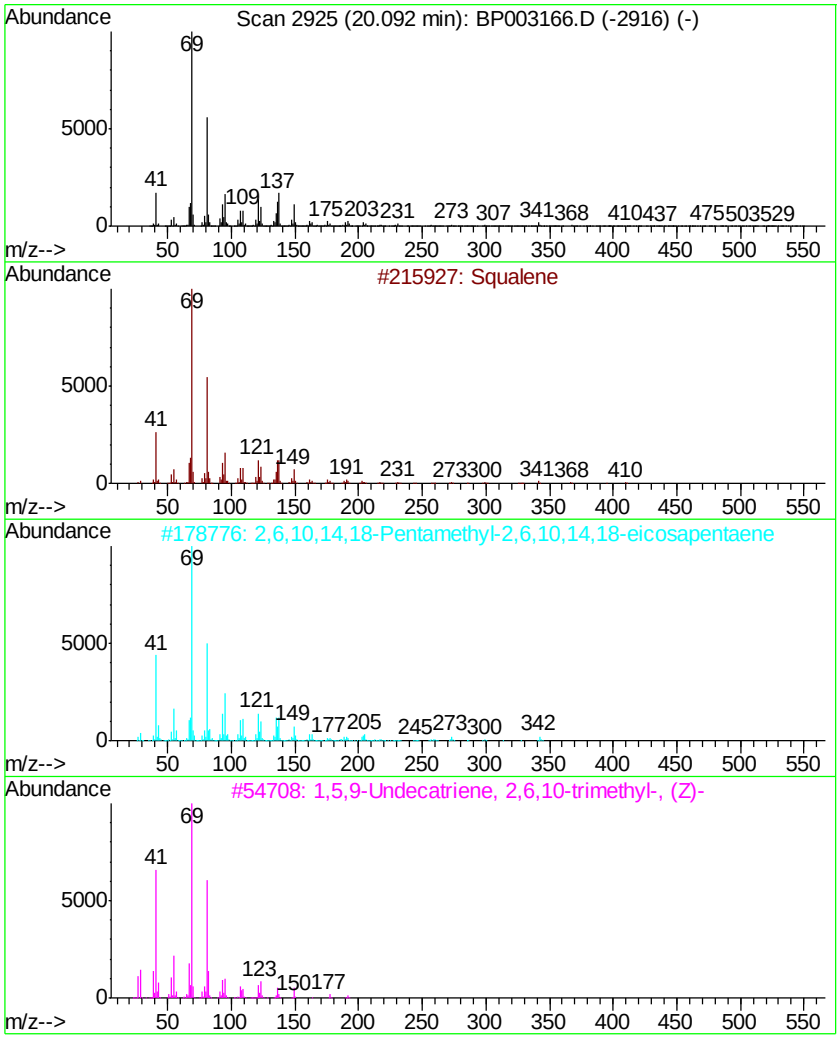
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

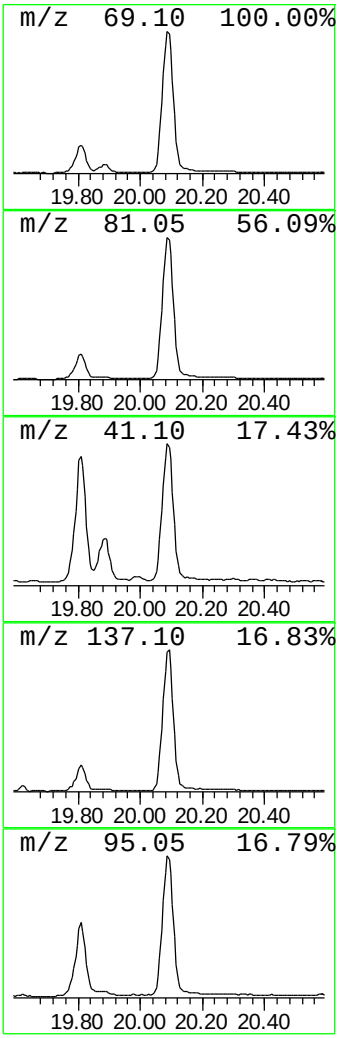
**********

Peak Number 9 2,6,10,14,18-Pentamethyl-2,... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.09 | 56.64 ng | 8420590 | Chrysene-d12 | 21.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 000111-02-4 | 95 |
| 2 | 2,6,10,14,18-Pentamethyl-2,6,10,... | 342 | C25H42 | 075581-03-2 | 93 |
| 3 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 74 |
| 4 | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O | 056882-09-8 | 72 |
| 5 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 64 |



# Library Search Compound Report

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Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

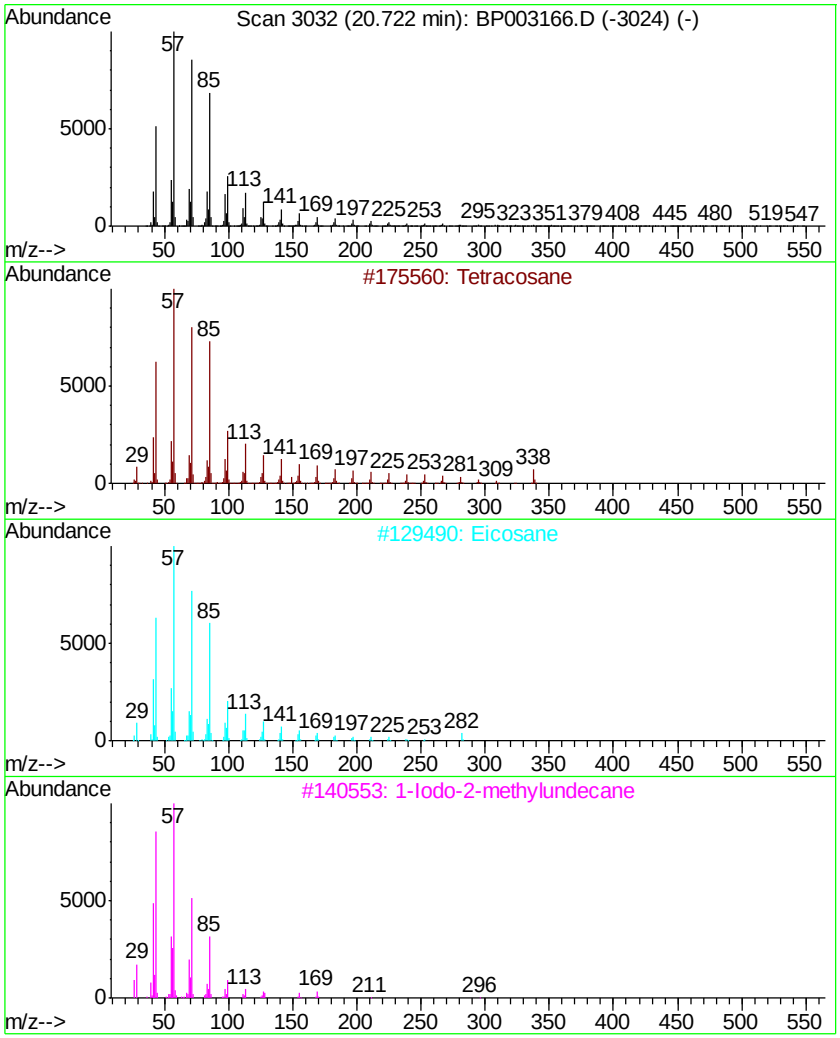
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

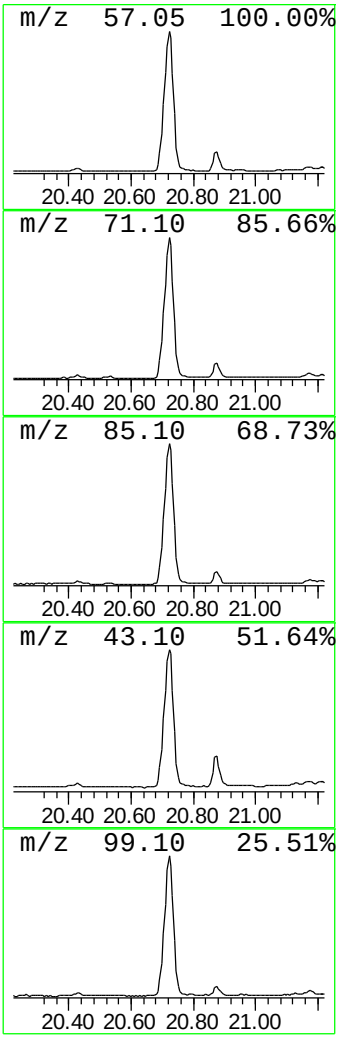
**********

Peak Number 10 Tetracosane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.72 | 28.81 ng | 4283450 | Chrysene-d12 | 21.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 97 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 92 |
| 3 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 5 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |



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Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

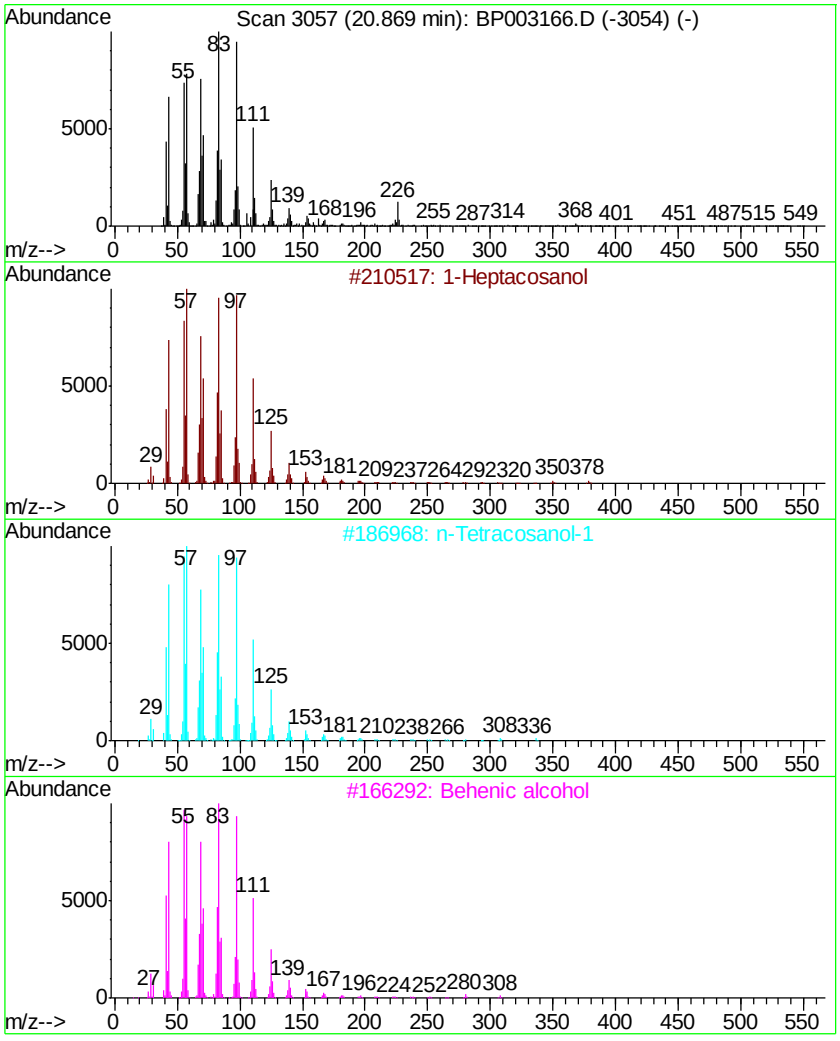
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

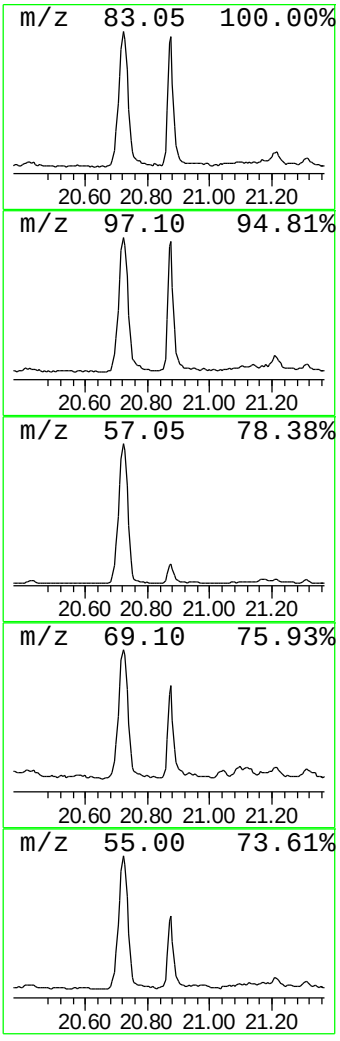
**********

Peak Number 11 1-Heptacosanol Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.87 | 6.01 ng | 893976 | Chrysene-d12 | 21.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 93 |
| 5 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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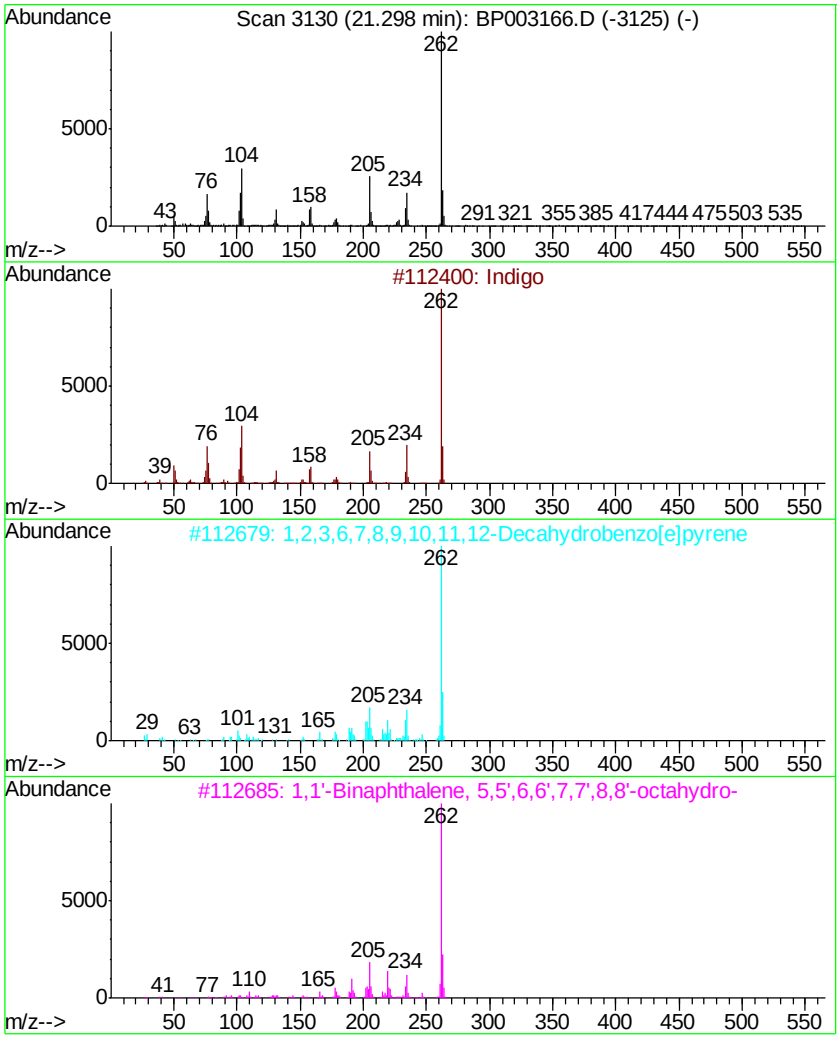
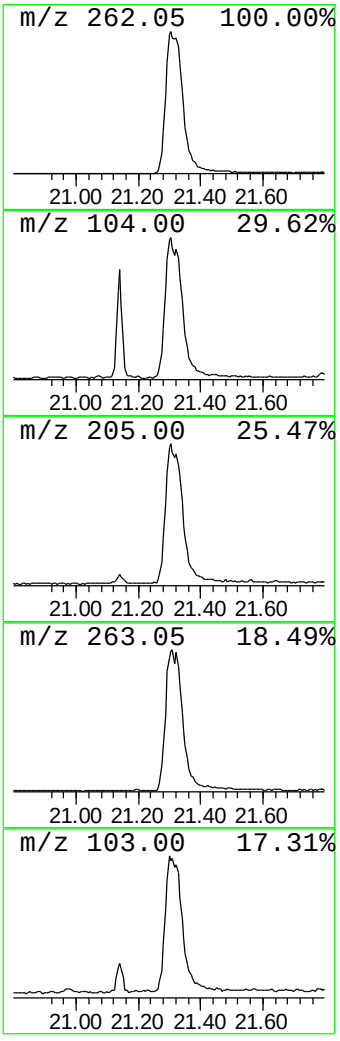
Peak Number 12 Indigo Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.30 | 11.57 ng | 1719310 | Chrysene-d12 | 21.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indigo | 262 | C16H10N2O2 | 000482-89-3 | 96 |
| 2 | 1,2,3,6,7,8,9,10,11,12-Decahydro... | 262 | C20H22 | 092387-50-3 | 58 |
| 3 | 1,1'-Binaphthalene, 5,5',6,6',7,... | 262 | C20H22 | 001154-14-9 | 53 |
| 4 | Anthracene, 1,2,3,4,5,6,7,8-octa... | 262 | C20H22 | 125379-29-5 | 52 |
| 5 | 2,2'-Binaphthalene, 5,5',6,6',7,... | 262 | C20H22 | 118761-48-1 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

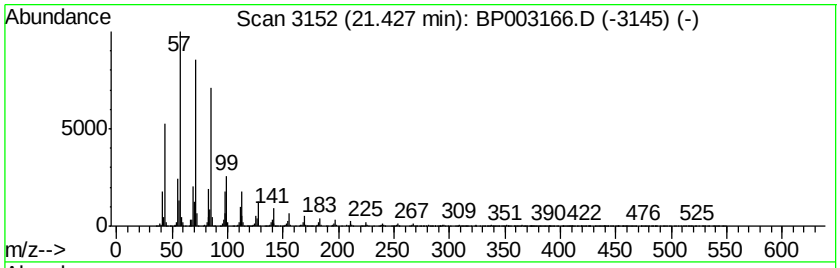
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

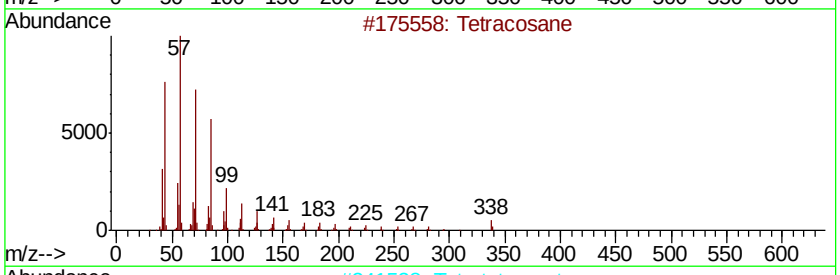
**********

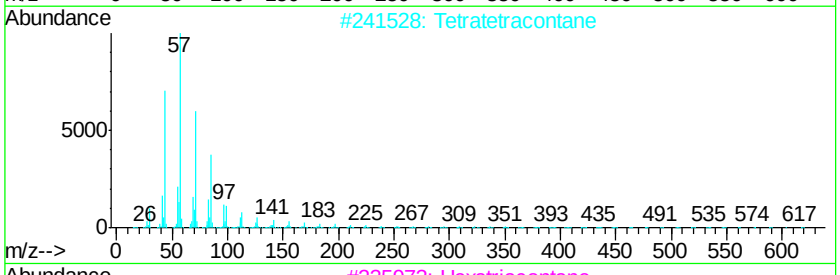
Peak Number 13 Tetratetracontane Concentration Rank 5

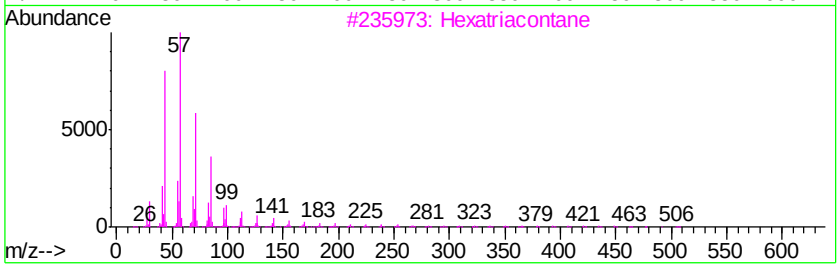
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.43 | 34.96 ng | 5196960 | Chrysene-d12 | 21.14 |

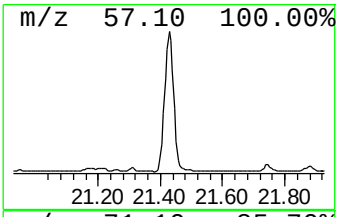
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 91 |

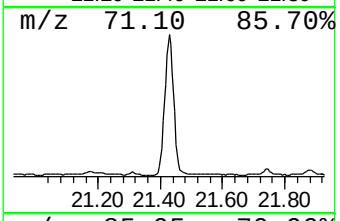


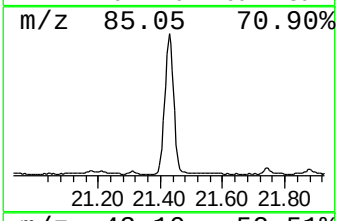



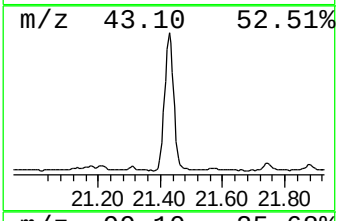



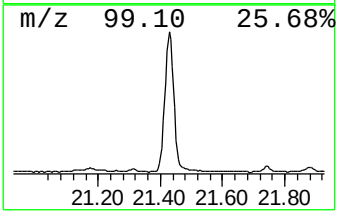



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Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

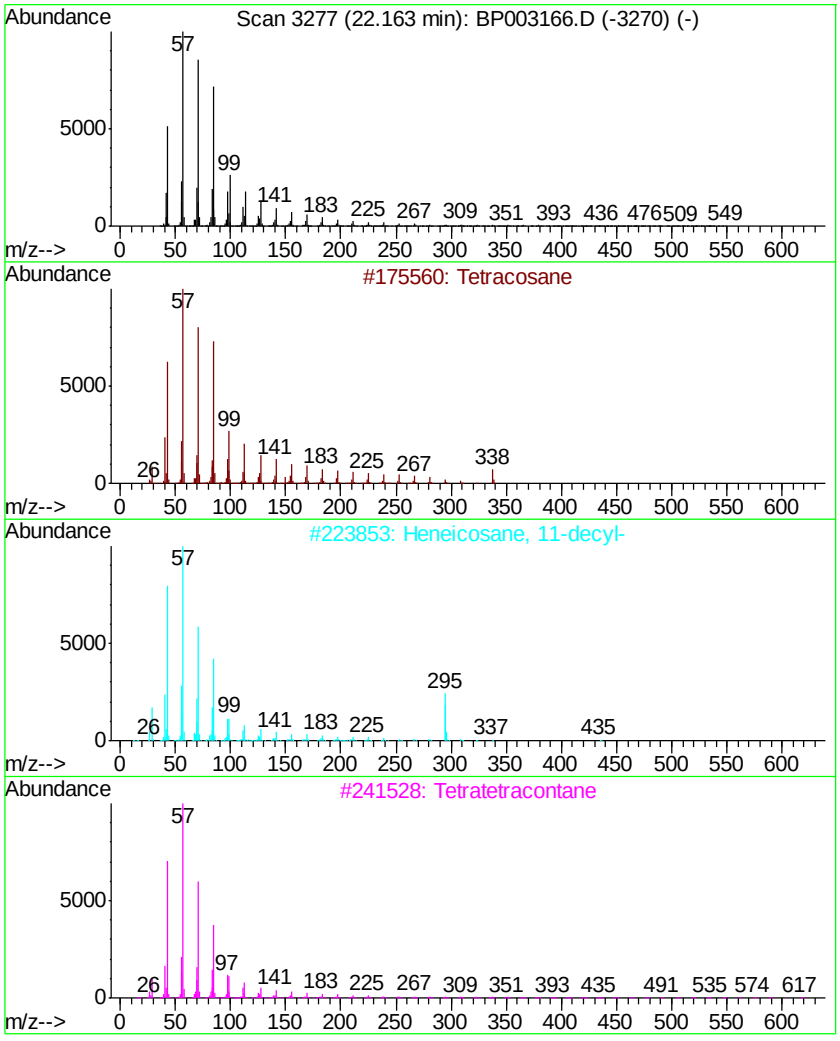
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

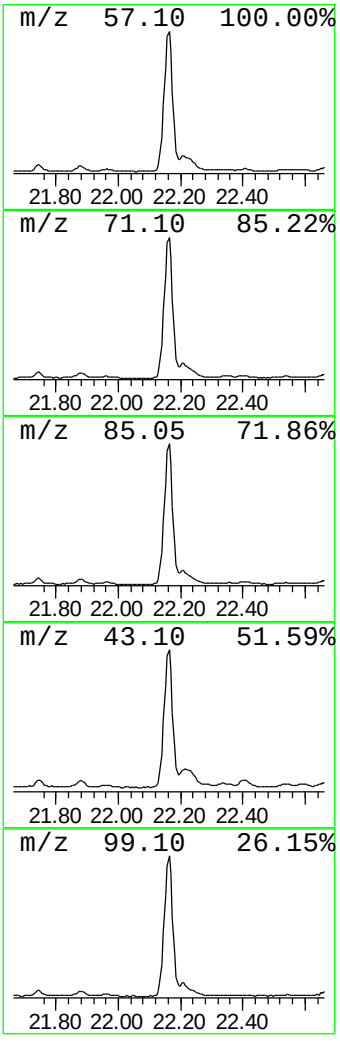
**********

Peak Number 14 Heneicosane, 11-decyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.16 | 30.80 ng | 4579320 | Chrysene-d12 | 21.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 96 |
| 2 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 93 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 5 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

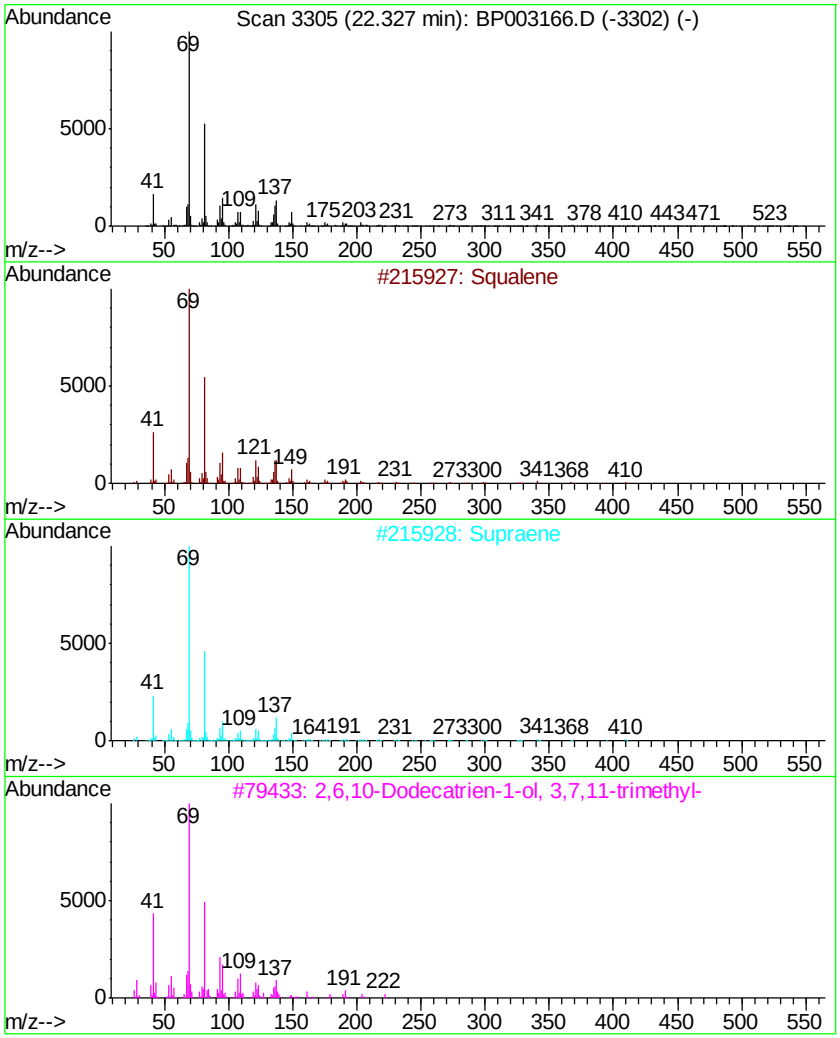
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

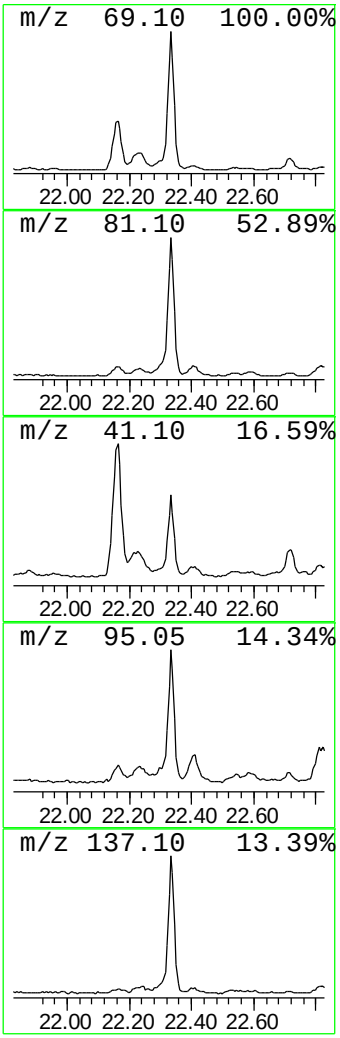
**********

Peak Number 15 Squalene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.33 | 6.47 ng | 1152340 | Perylene-d12 | 23.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 000111-02-4 | 99 |
| 2 | Supraene | 410 | C30H50 | 007683-64-9 | 87 |
| 3 | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222 | C15H26O | 004602-84-0 | 78 |
| 4 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 74 |
| 5 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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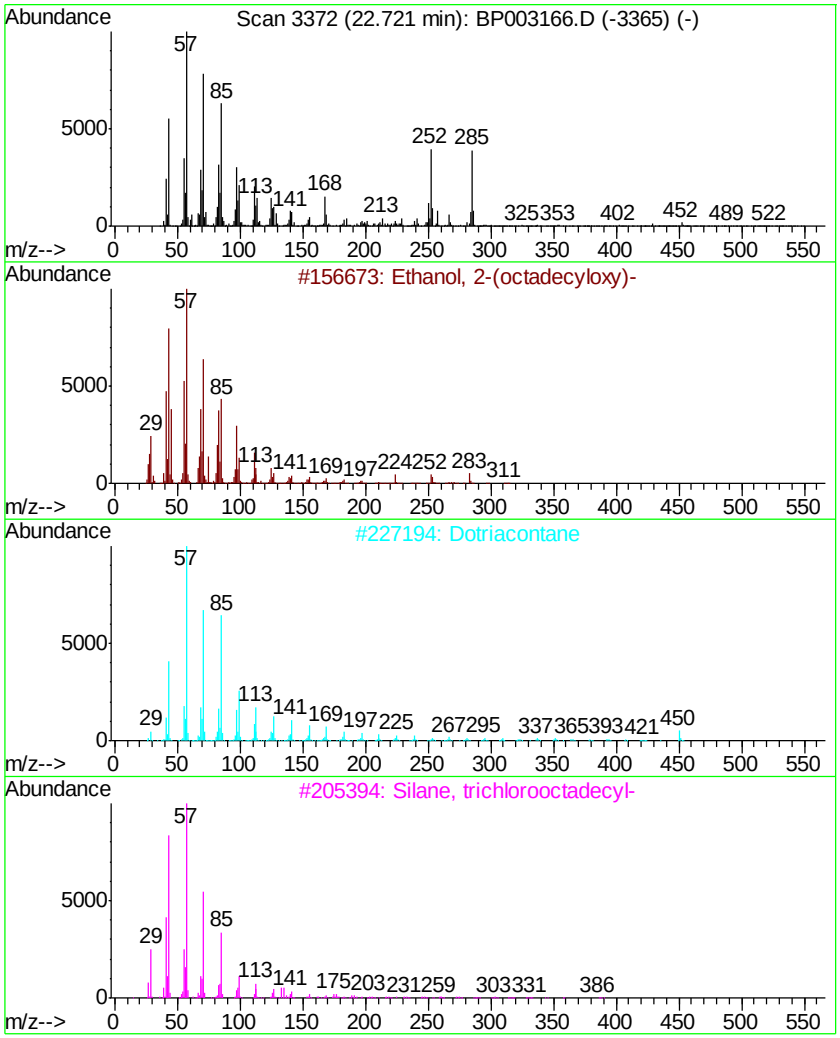
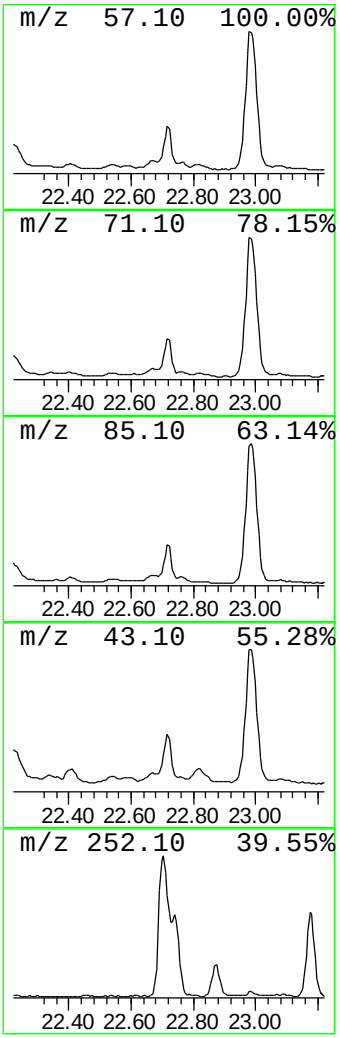
Peak Number 16 Ethanol, 2-(octadecyloxy)- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.72 | 6.12 ng | 1088880 | Perylene-d12 | 23.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(octadecyloxy)- | 314 | C20H42O2 | 002136-72-3 | 83 |
| 2 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 78 |
| 3 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 60 |
| 4 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 60 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 55 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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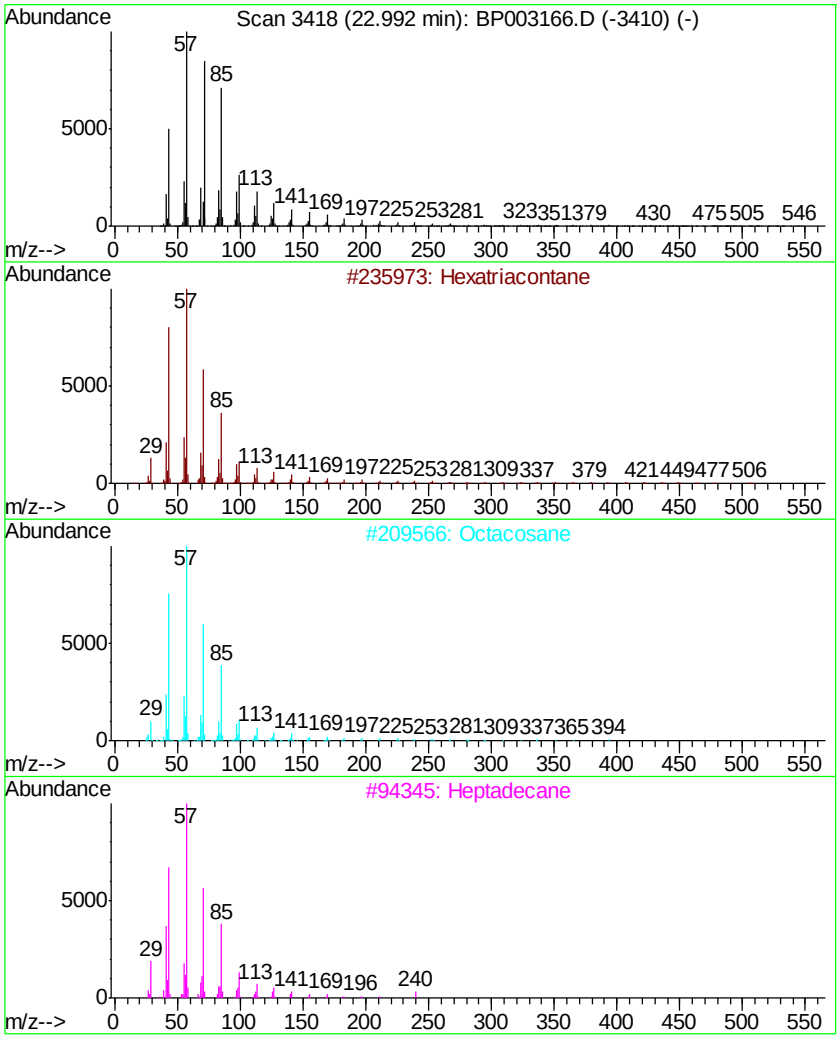
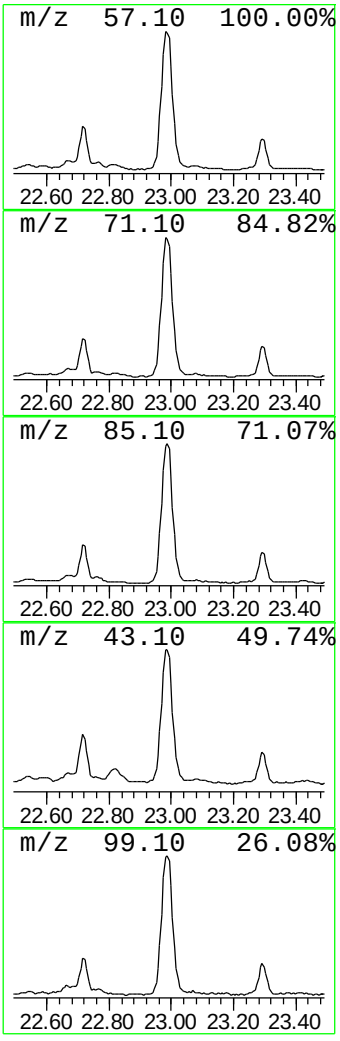
Peak Number 17 Hexatriacontane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.99 | 16.01 ng | 2849130 | Perylene-d12 | 23.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 96 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 94 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 4 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 91 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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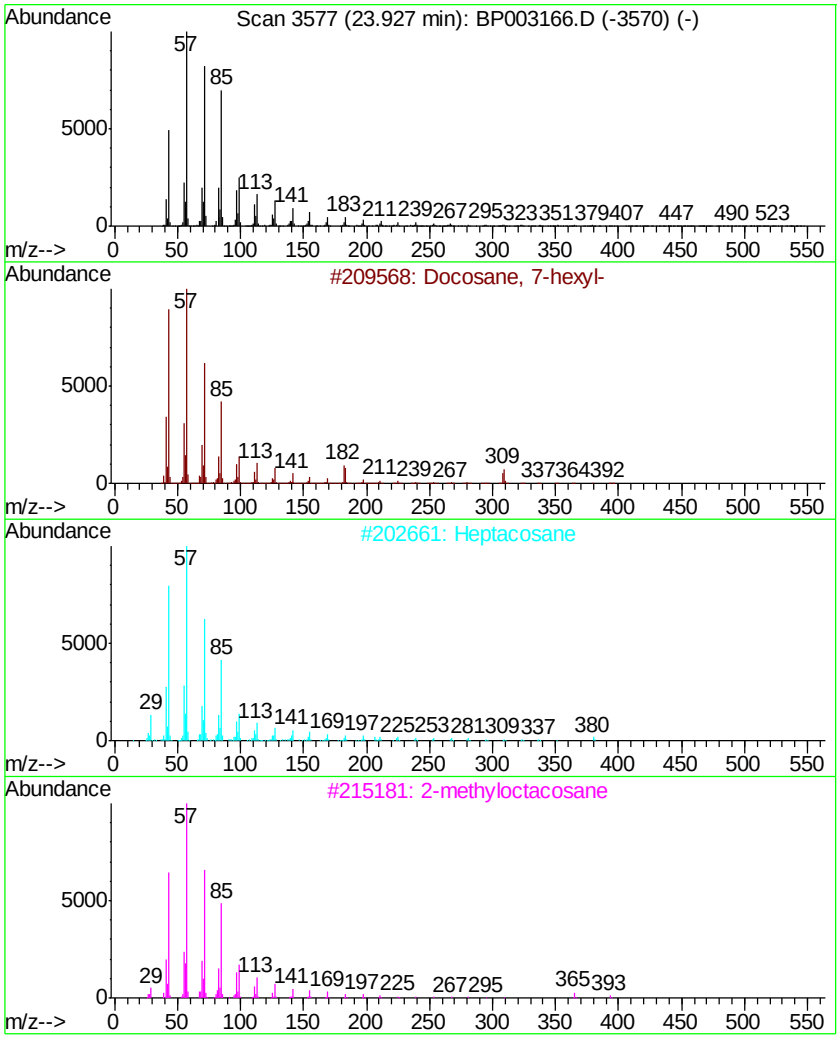
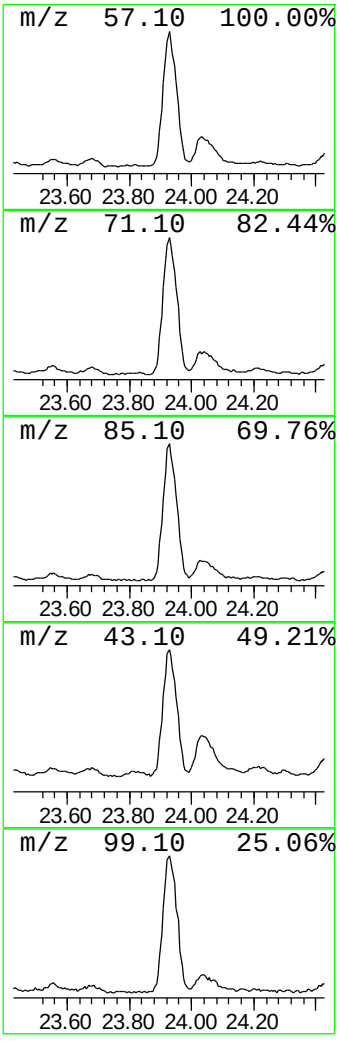
Peak Number 18 Docosane, 7-hexyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.93 | 9.05 ng | 1610400 | Perylene-d12 | 23.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 93 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 5 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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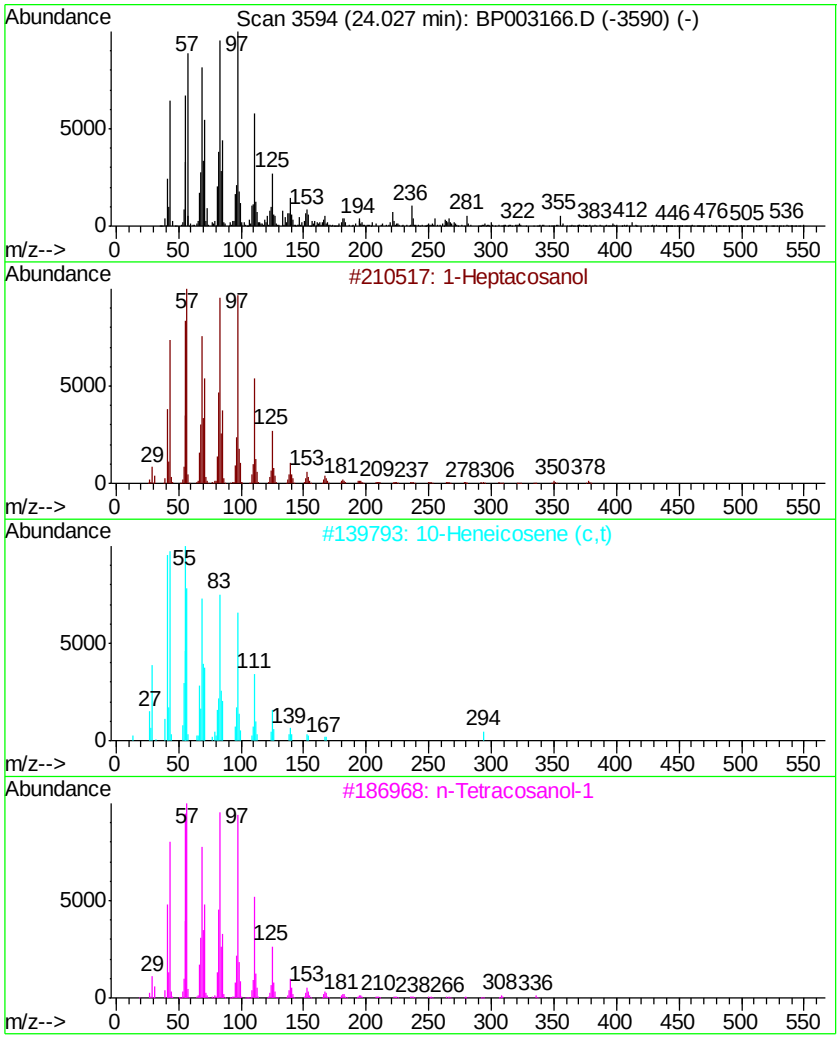
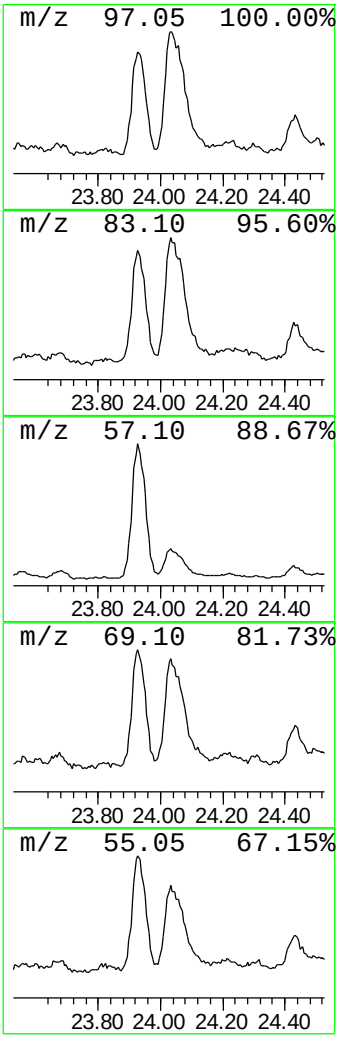
Peak Number 19 10-Heneicosene (c,t) Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.03 | 6.41 ng | 1140120 | Perylene-d12 | 23.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 2 | 10-Heneicosene (c,t) | 294 | C21H42 | 095008-11-0 | 93 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 93 |
| 4 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 91 |
| 5 | Nonadecyl heptafluorobutyrate | 480 | C23H39F7O2 | 1000351-83-9 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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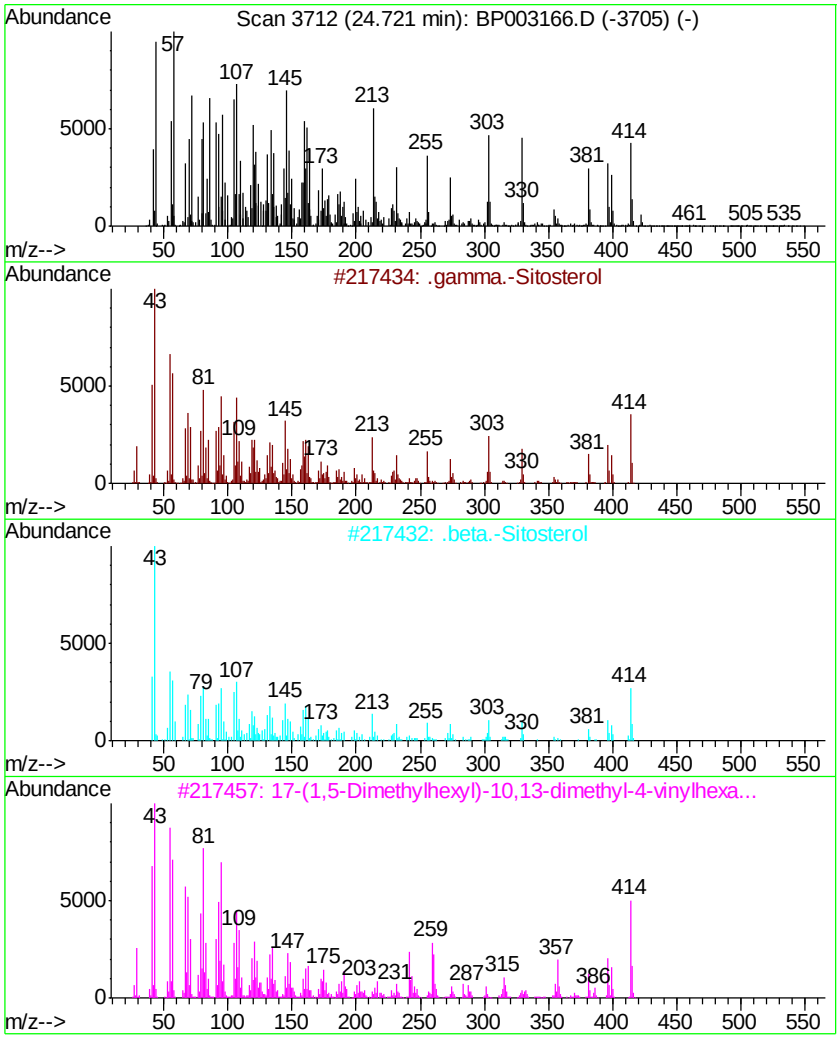
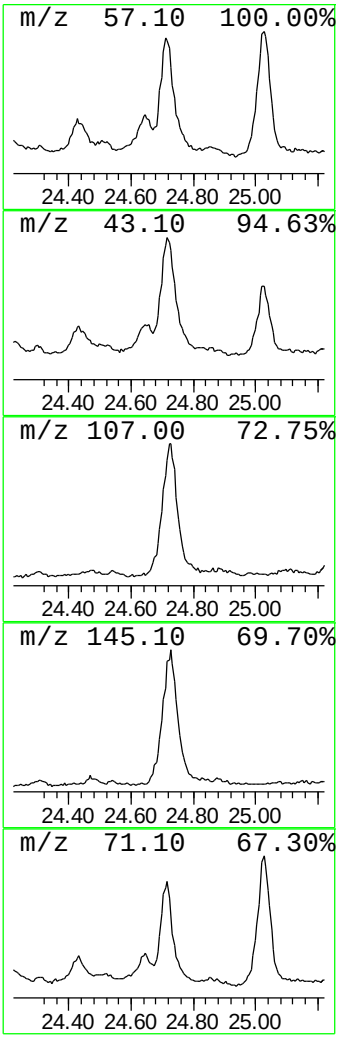
Peak Number 20 .gamma.-Sitosterol Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.72 | 14.35 ng | 2553730 | Perylene-d12 | 23.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .gamma.-Sitosterol | 414 | C29H50O | 000083-47-6 | 99 |
| 2 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 95 |
| 3 | 17-(1,5-Dimethylhexyl)-10,13-dim... | 414 | C29H50O | 1000210-86-9 | 11 |
| 4 | 2,20-Cyclo-8,9-secoaspidospermid... | 396 | C24H32N2O3 | 056145-37-0 | 9 |
| 5 | cis-4-Acetoxy-trans-1-(m-methoxy... | 273 | C16H19NO3 | 1000241-10-4 | 9 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090120\
Data File : BP003166.D
Acq On : 01 Sep 2020 14:43
Operator : CG/JU
Sample : L3848-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LINDEN-BH-02-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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 |
| Butane, 2-methoxy... | 2.92 | 44.4 | ng | 1647370 | 1 | 7.65 | 741466 | 20.0 |
| D-Allose | 14.16 | 8.9 | ng | 632536 | 3 | 14.29 | 1426780 | 20.0 |
| n-Hexadecanoic acid | 17.97 | 29.4 | ng | 2561760 | 4 | 17.05 | 1744060 | 20.0 |
| Hentriacontane | 18.80 | 19.1 | ng | 1664060 | 4 | 17.05 | 1744060 | 20.0 |
| Octadecanoic acid | 19.20 | 8.5 | ng | 1267770 | 5 | 21.14 | 2973130 | 20.0 |
| 1,4-Benzenedicarb... | 19.42 | 119.2 | ng | 17718000 | 5 | 21.14 | 2973130 | 20.0 |
| 13-Docosenamide, ... | 19.81 | 64.5 | ng | 9583700 | 5 | 21.14 | 2973130 | 20.0 |
| Heptacosane, 1-ch... | 19.89 | 22.3 | ng | 3311090 | 5 | 21.14 | 2973130 | 20.0 |
| 2,6,10,14,18-Pent... | 20.09 | 56.6 | ng | 8420590 | 5 | 21.14 | 2973130 | 20.0 |
| Tetracosane | 20.72 | 28.8 | ng | 4283450 | 5 | 21.14 | 2973130 | 20.0 |
| 1-Heptacosanol | 20.87 | 6.0 | ng | 893976 | 5 | 21.14 | 2973130 | 20.0 |
| Indigo | 21.30 | 11.6 | ng | 1719310 | 5 | 21.14 | 2973130 | 20.0 |
| Tetratetracontane | 21.43 | 35.0 | ng | 5196960 | 5 | 21.14 | 2973130 | 20.0 |
| Heneicosane, 11-d... | 22.16 | 30.8 | ng | 4579320 | 5 | 21.14 | 2973130 | 20.0 |
| Squalene | 22.33 | 6.5 | ng | 1152340 | 6 | 23.37 | 3559710 | 20.0 |
| Ethanol, 2-(octad... | 22.72 | 6.1 | ng | 1088880 | 6 | 23.37 | 3559710 | 20.0 |
| Hexatriacontane | 22.99 | 16.0 | ng | 2849130 | 6 | 23.37 | 3559710 | 20.0 |
| Docosane, 7-hexyl- | 23.93 | 9.1 | ng | 1610400 | 6 | 23.37 | 3559710 | 20.0 |
| 10-Heneicosene (c,t) | 24.03 | 6.4 | ng | 1140120 | 6 | 23.37 | 3559710 | 20.0 |
| .gamma.-Sitosterol | 24.72 | 14.4 | ng | 2553730 | 6 | 23.37 | 3559710 | 20.0 |