LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041225.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.375 | 365 | 372 | 389 | rBV | 2686336 | 3895163 | 60.44% | 6.599% |
| 2 | 6.987 | 638 | 646 | 659 | rBV | 2608179 | 4056045 | 62.94% | 6.871% |
| 3 | 7.798 | 777 | 784 | 794 | rBV | 919042 | 1402155 | 21.76% | 2.375% |
| 4 | 8.975 | 976 | 984 | 999 | rBV | 1648432 | 2666915 | 41.38% | 4.518% |
| 5 | 10.604 | 1255 | 1261 | 1268 | rVB | 1116638 | 1830370 | 28.40% | 3.101% |
| 6 | 12.281 | 1541 | 1546 | 1558 | rBV2 | 47937 | 119734 | 1.86% | 0.203% |
| 7 | 13.080 | 1675 | 1682 | 1690 | rBV | 4155327 | 5923145 | 91.91% | 10.034% |
| 8 | 13.928 | 1818 | 1826 | 1838 | rBV | 543425 | 763154 | 11.84% | 1.293% |
| 9 | 14.351 | 1892 | 1898 | 1903 | rBV | 54013 | 73277 | 1.14% | 0.124% |
| 10 | 14.463 | 1906 | 1917 | 1924 | rBV | 1520035 | 2245746 | 34.85% | 3.804% |
| 11 | 15.304 | 2056 | 2060 | 2065 | rVB | 64066 | 76081 | 1.18% | 0.129% |
| 12 | 15.969 | 2164 | 2173 | 2190 | rBV | 2717324 | 3949696 | 61.29% | 6.691% |
| 13 | 16.174 | 2203 | 2208 | 2217 | rBV2 | 71923 | 173969 | 2.70% | 0.295% |
| 14 | 16.333 | 2231 | 2235 | 2239 | rBV3 | 46126 | 70615 | 1.10% | 0.120% |
| 15 | 16.627 | 2281 | 2285 | 2292 | rBV3 | 37295 | 69074 | 1.07% | 0.117% |
| 16 | 16.733 | 2299 | 2303 | 2312 | rBV | 62187 | 129879 | 2.02% | 0.220% |
| 17 | 16.968 | 2339 | 2343 | 2347 | rBV | 88631 | 108434 | 1.68% | 0.184% |
| 18 | 17.121 | 2365 | 2369 | 2376 | rBV2 | 133954 | 222531 | 3.45% | 0.377% |
| 19 | 17.186 | 2376 | 2380 | 2382 | rBV2 | 86339 | 110501 | 1.71% | 0.187% |
| 20 | 17.221 | 2382 | 2386 | 2391 | rBV | 1560903 | 2114660 | 32.81% | 3.582% |
| 21 | 17.710 | 2466 | 2469 | 2473 | rVB | 93321 | 95781 | 1.49% | 0.162% |
| 22 | 18.010 | 2514 | 2520 | 2525 | rBV2 | 142231 | 262704 | 4.08% | 0.445% |
| 23 | 18.068 | 2525 | 2530 | 2536 | rVV | 1383741 | 1967984 | 30.54% | 3.334% |
| 24 | 18.127 | 2536 | 2540 | 2557 | rVB | 2228502 | 3375869 | 52.38% | 5.719% |
| 25 | 18.427 | 2584 | 2591 | 2601 | rBV2 | 117221 | 306021 | 4.75% | 0.518% |
| 26 | 19.045 | 2693 | 2696 | 2701 | rVB | 63360 | 68864 | 1.07% | 0.117% |
| 27 | 19.262 | 2730 | 2733 | 2734 | rBV | 123856 | 124653 | 1.93% | 0.211% |
| 28 | 19.292 | 2734 | 2738 | 2740 | rBV | 402327 | 491064 | 7.62% | 0.832% |
| 29 | 19.409 | 2754 | 2758 | 2771 | rBV | 603815 | 849835 | 13.19% | 1.440% |
| 30 | 19.627 | 2792 | 2795 | 2797 | rBV3 | 74625 | 94091 | 1.46% | 0.159% |
| 31 | 19.657 | 2797 | 2800 | 2807 | rVB | 185697 | 263010 | 4.08% | 0.446% |
| 32 | 19.862 | 2830 | 2835 | 2840 | rBV | 5656392 | 6444678 | 100.00% | 10.918% |
| 33 | 21.133 | 3047 | 3051 | 3059 | rBV | 682406 | 949276 | 14.73% | 1.608% |
| 34 | 21.427 | 3097 | 3101 | 3106 | rBV | 1811890 | 2399355 | 37.23% | 4.065% |
| 35 | 22.427 | 3268 | 3271 | 3278 | rVB | 367149 | 507273 | 7.87% | 0.859% |
| 36 | 22.768 | 3324 | 3329 | 3335 | rVB | 943776 | 1381353 | 21.43% | 2.340% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 23.062 | 3374 | 3379 | 3384 | rBV2 | 738103 | 1221278 | 18.95% | 2.069% |
| 38 | 23.121 | 3385 | 3389 | 3399 | rVB | 1481698 | 2781654 | 43.16% | 4.712% |
| 39 | 23.803 | 3500 | 3505 | 3512 | rVB | 1230267 | 2312660 | 35.88% | 3.918% |
| 40 | 24.015 | 3537 | 3541 | 3550 | rVB | 621660 | 1119801 | 17.38% | 1.897% |
| 41 | 24.374 | 3597 | 3602 | 3610 | rVB | 1023060 | 2010999 | 31.20% | 3.407% |

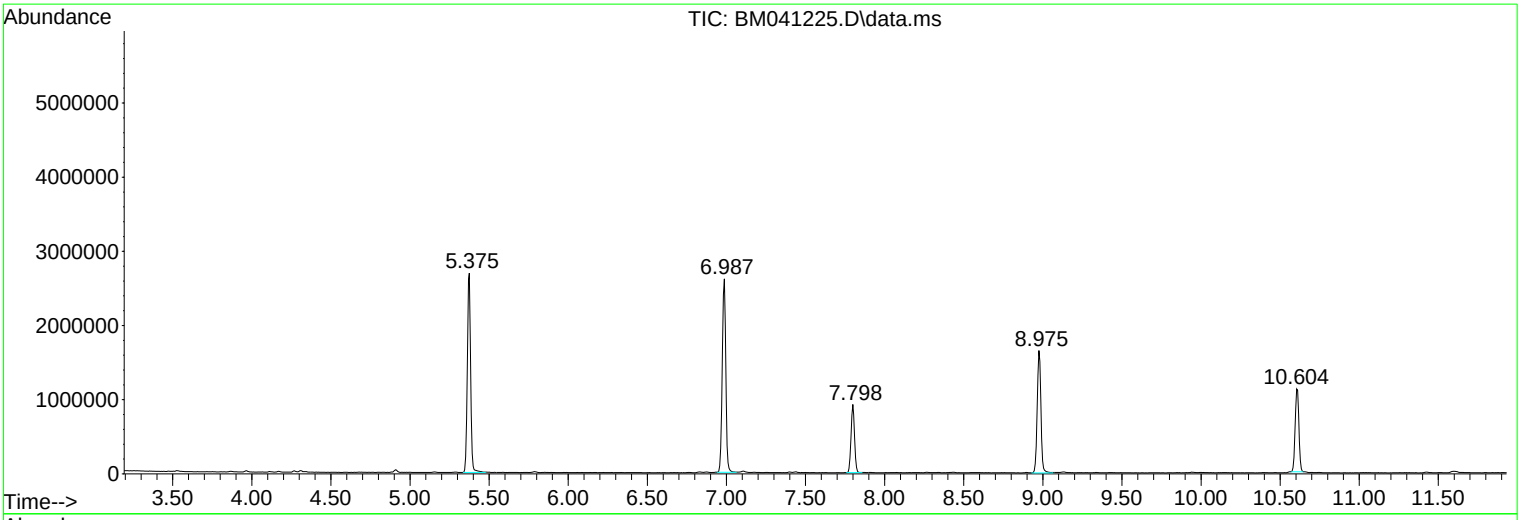
Sum of corrected areas: 59029347

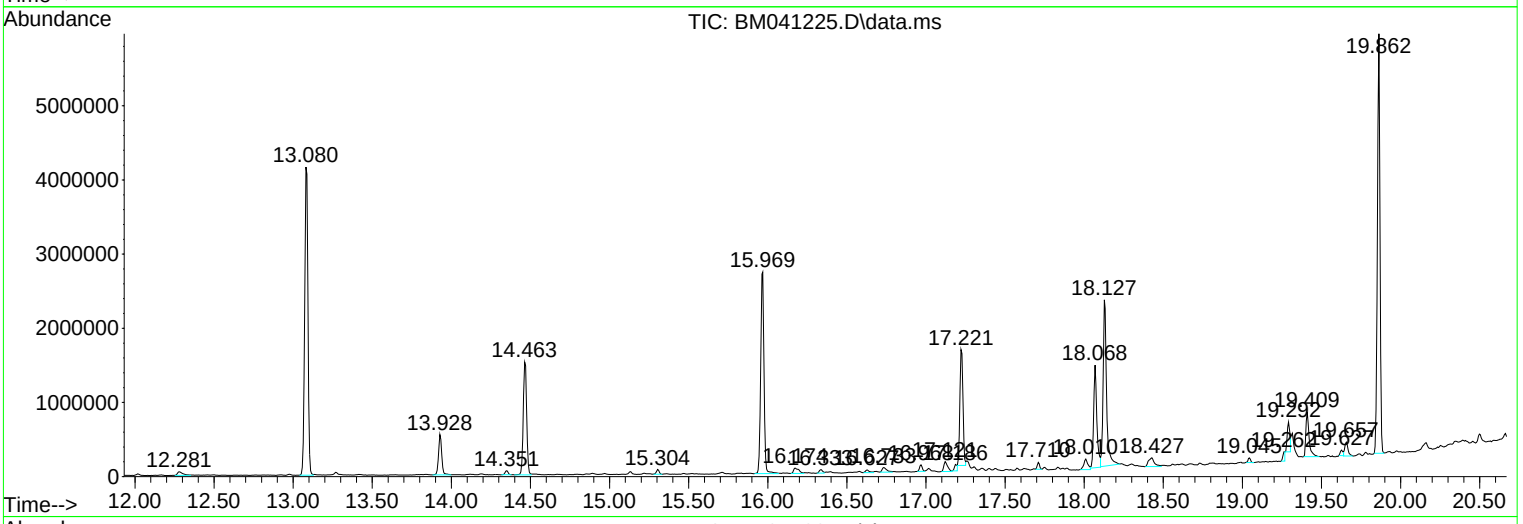
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

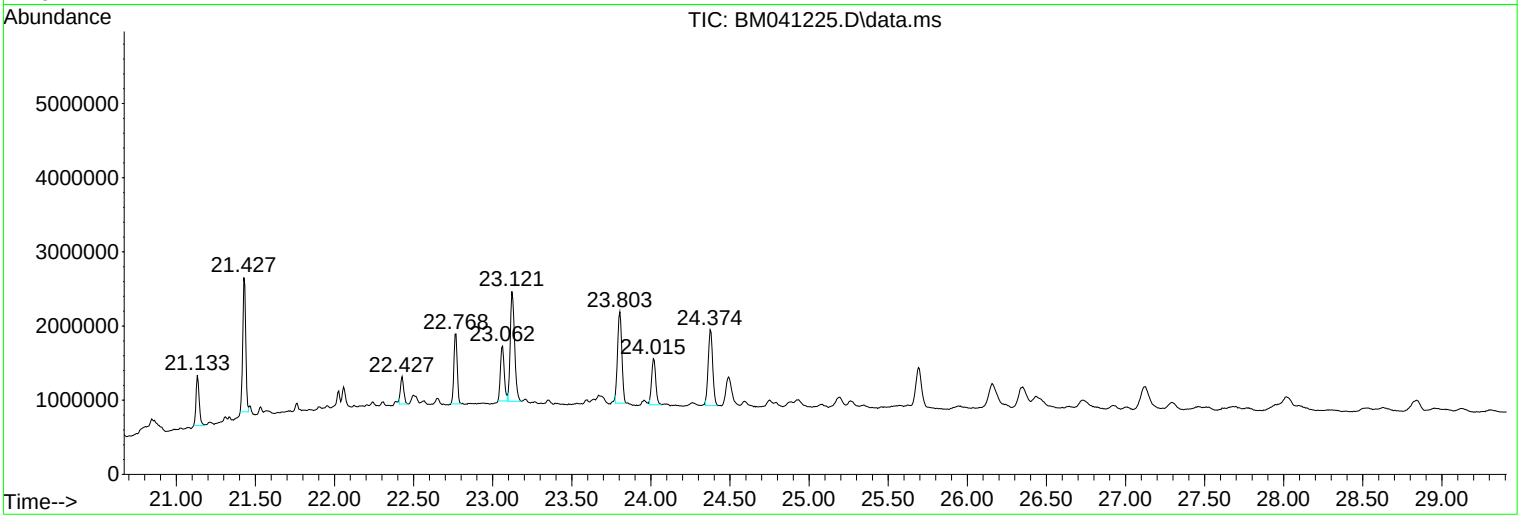
**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

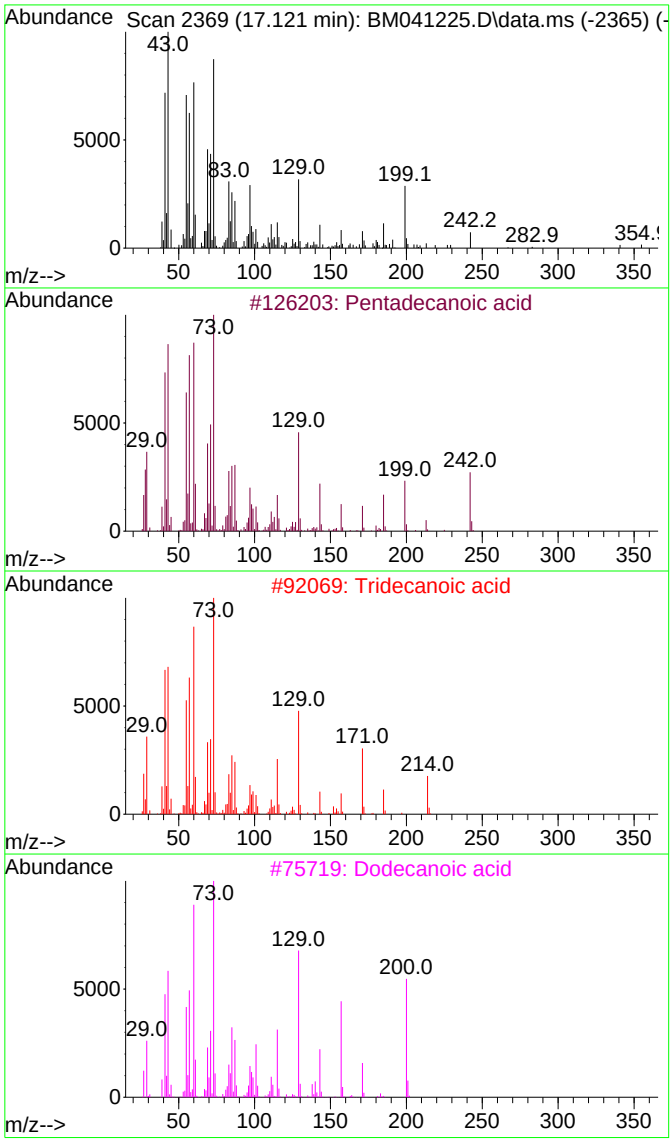
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

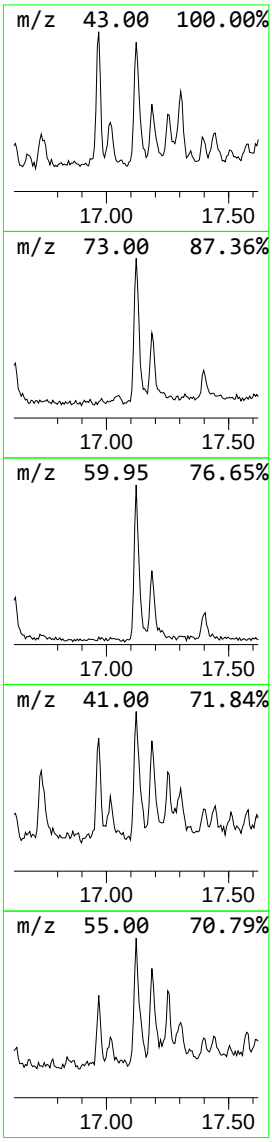
**********

Peak Number 1 Pentadecanoic acid Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.121 | 2.10 ng | 222531 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 74 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 64 |
| 4 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 43 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

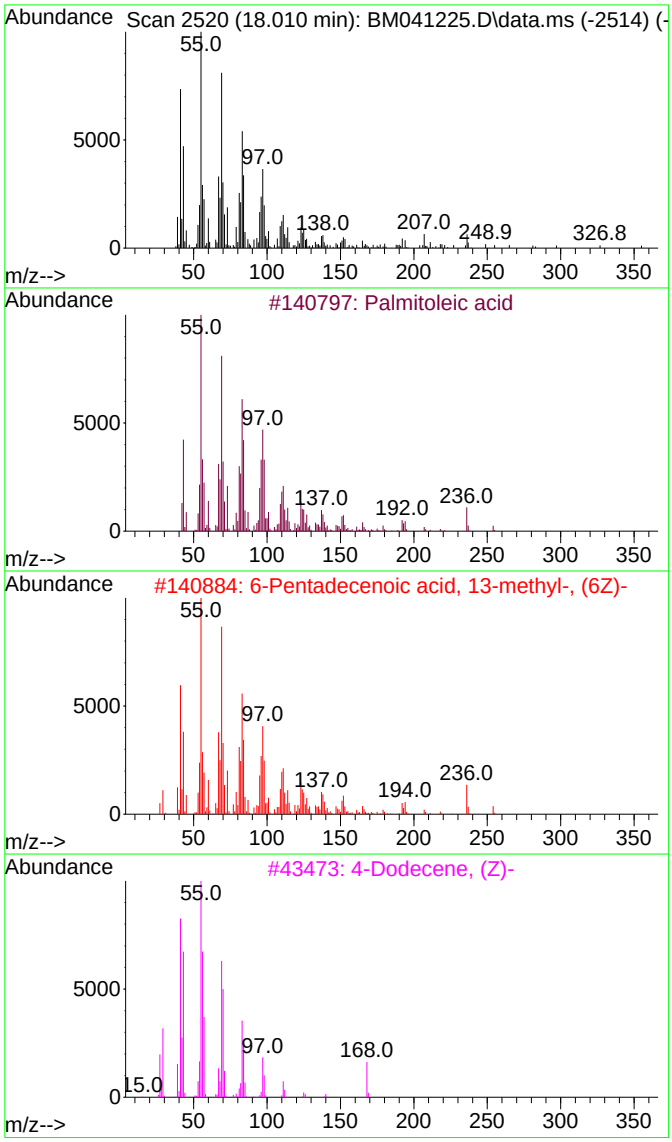
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

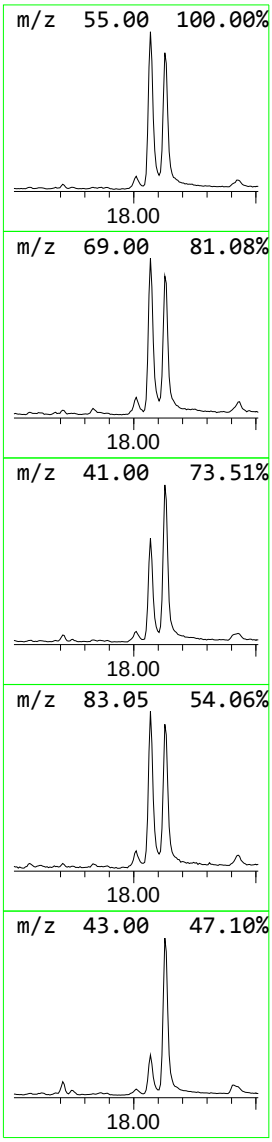
**********

Peak Number 2 Palmitoleic acid Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.010 | 2.48 ng | 262704 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 91 |
| 2 | 6-Pentadecenoic acid, 13-methyl-... | 254 | C16H30O2 | 682751-34-4 | 91 |
| 3 | 4-Dodecene, (Z)- | 168 | C12H24 | 007206-27-1 | 74 |
| 4 | Cyclopropane, nonyl- | 168 | C12H24 | 074663-85-7 | 72 |
| 5 | Cyclooctane, methyl- | 126 | C9H18 | 001502-38-1 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

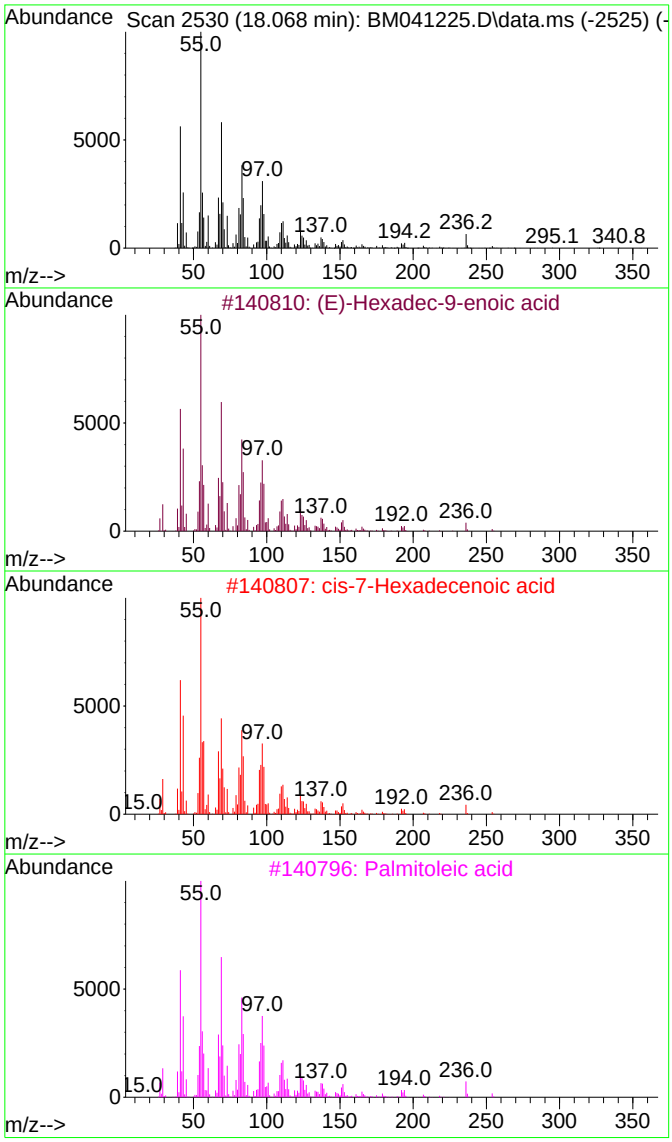
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

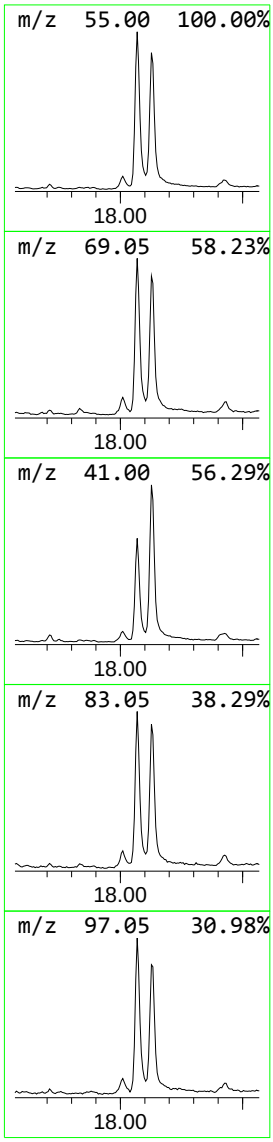
**********

Peak Number 3 (E)-Hexadec-9-enoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.068 | 18.61 ng | 1967980 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-Hexadec-9-enoic acid | 254 | C16H30O2 | 010030-73-6 | 99 |
| 2 | cis-7-Hexadecenoic acid | 254 | C16H30O2 | 002416-19-5 | 98 |
| 3 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 98 |
| 4 | 9-Hexadecenoic acid | 254 | C16H30O2 | 002091-29-4 | 94 |
| 5 | Oxacycloheptadecan-2-one | 254 | C16H30O2 | 000109-29-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

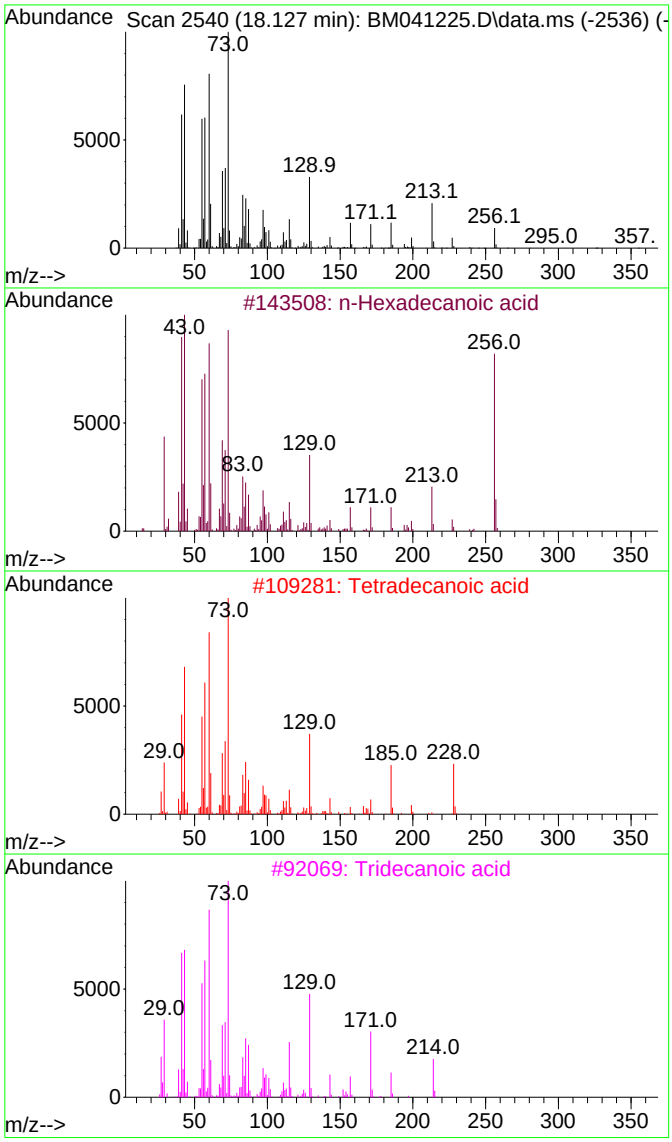
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

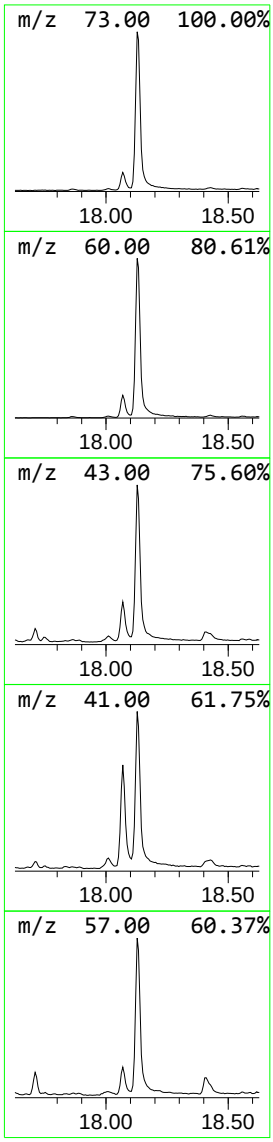
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.127 | 31.93 ng | 3375870 | Phenanthrene-d10 | 17.221 |

| 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 | 94 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

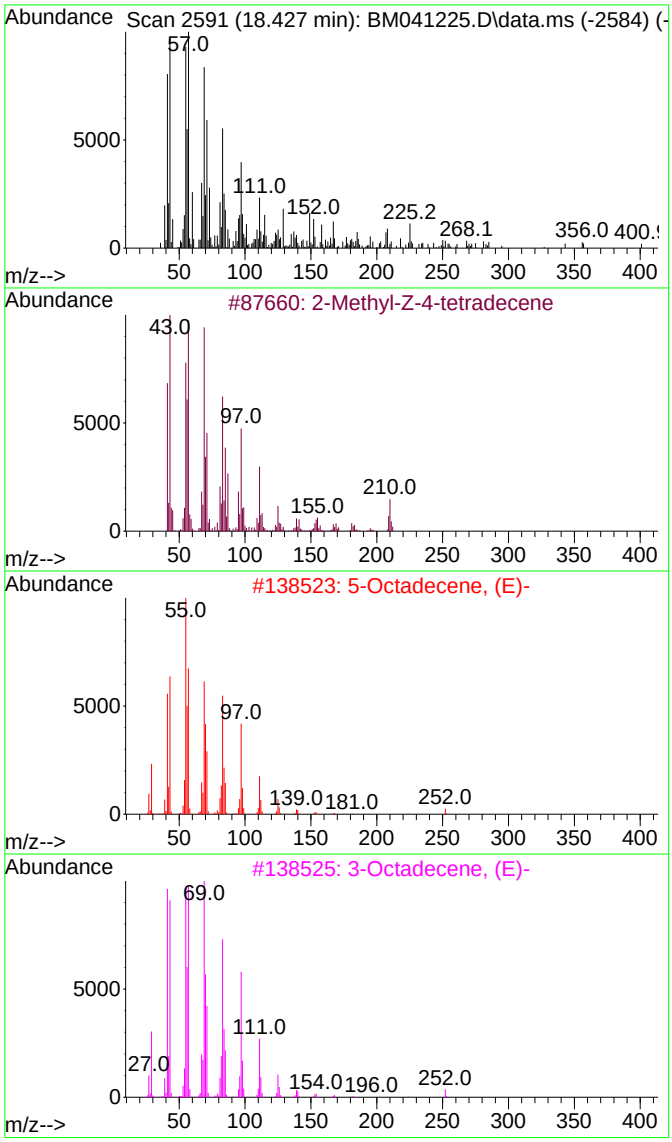
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

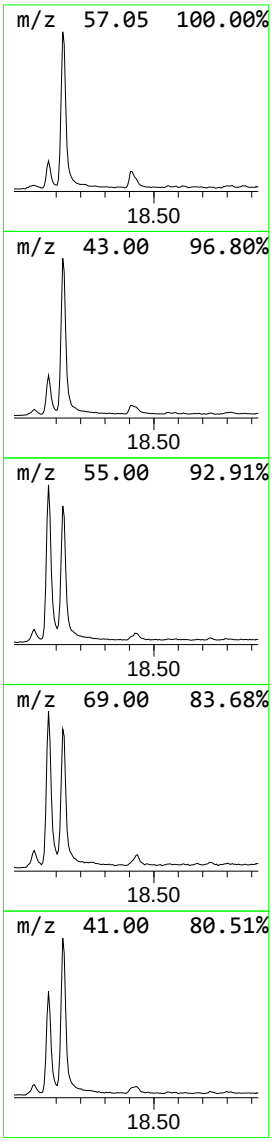
**********

Peak Number 5 2-Methyl-Z-4-tetradecene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.427 | 2.89 ng | 306021 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyl-Z-4-tetradecene | 210 | C15H30 | 1000130-78-3 | 90 |
| 2 | 5-Octadecene, (E)- | 252 | C18H36 | 007206-21-5 | 90 |
| 3 | 3-Octadecene, (E)- | 252 | C18H36 | 007206-19-1 | 90 |
| 4 | 9-Octadecene, (E)- | 252 | C18H36 | 007206-25-9 | 90 |
| 5 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

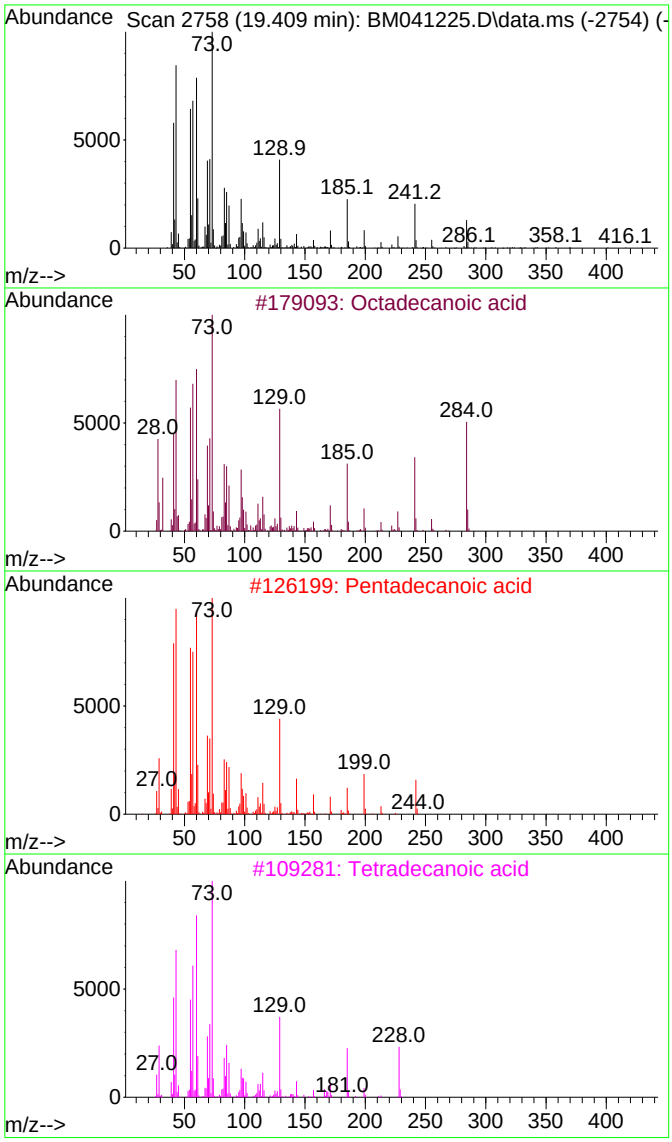
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

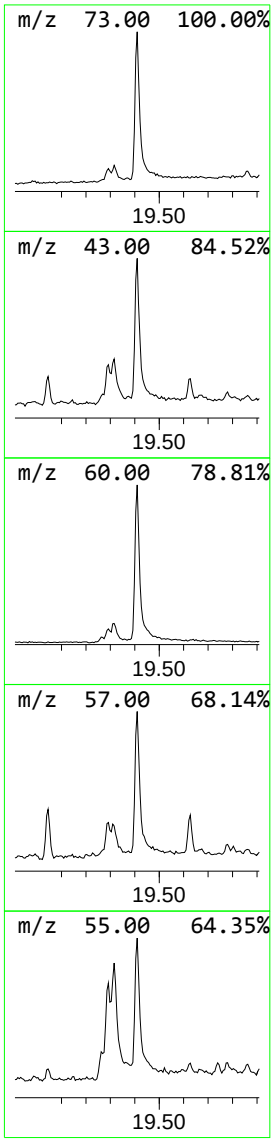
**********

Peak Number 7 Octadecanoic acid Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.410 | 7.08 ng | 849835 | Chrysene-d12 | 21.427 |

| 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 | 93 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |
| 5 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

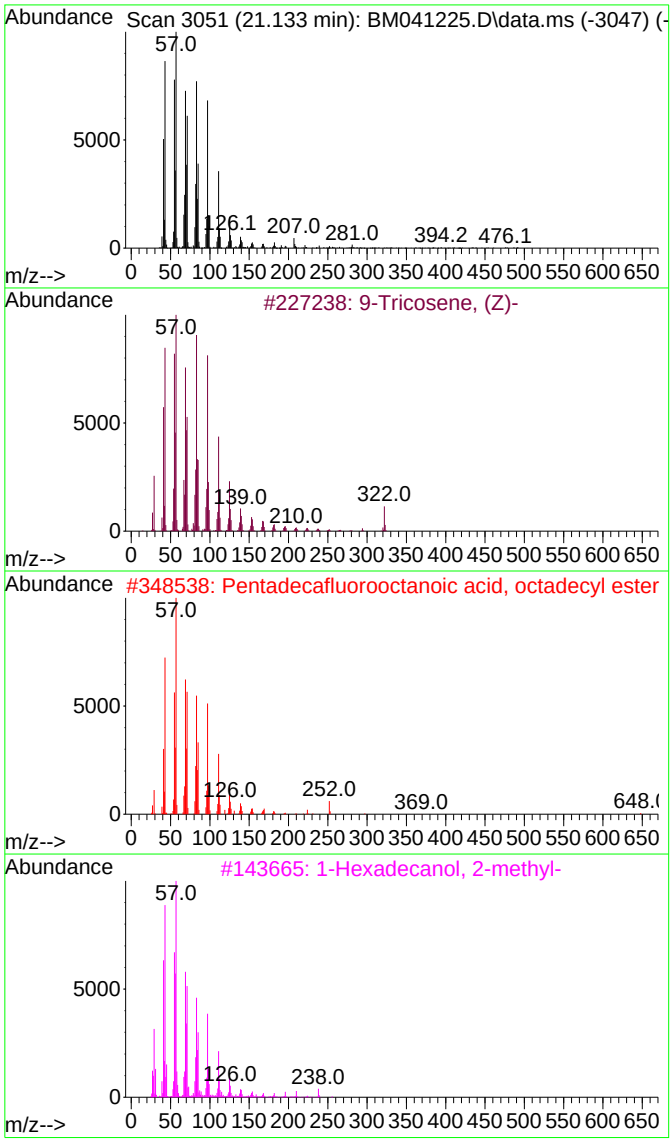
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

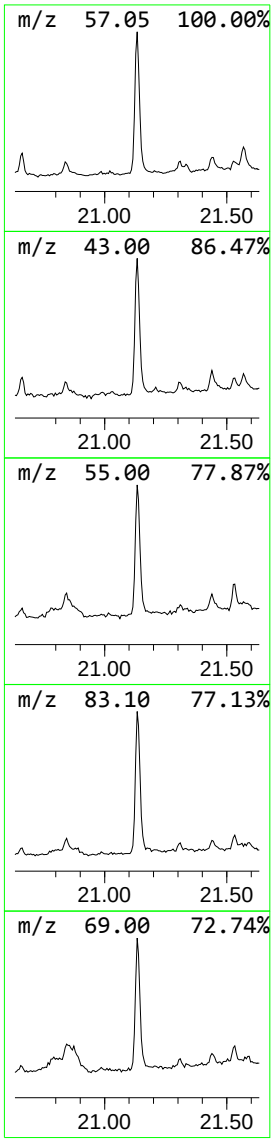
**********

Peak Number 9 9-Tricosene, (Z)- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.133 | 7.91 ng | 949276 | Chrysene-d12 | 21.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 98 |
| 2 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94 |
| 3 | 1-Hexadecanol, 2-methyl- | 256 | C17H36O | 002490-48-4 | 91 |
| 4 | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91 |
| 5 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

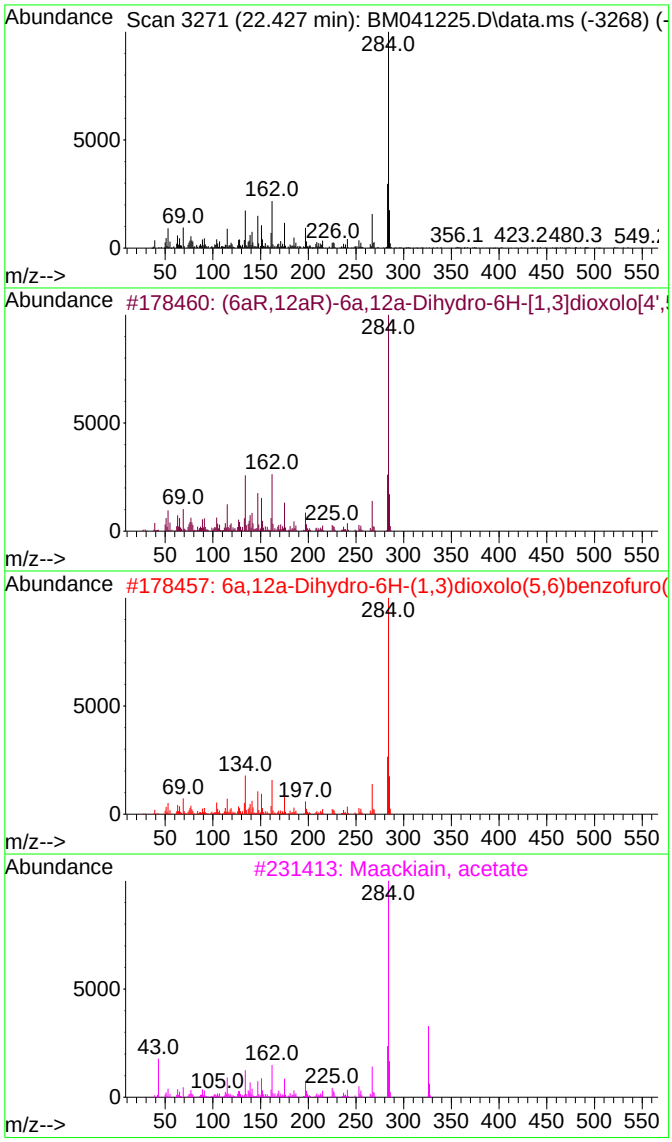
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

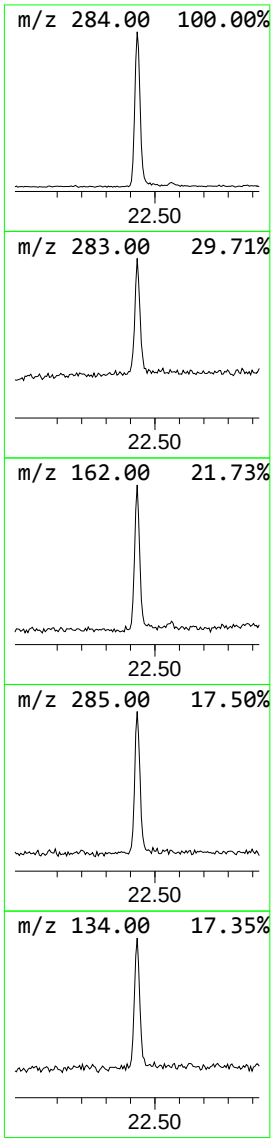
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (6aR,12aR)-6a,12a-Dihydro-6... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.427 | 4.23 ng | 507273 | Chrysene-d12 | 21.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (6aR,12aR)-6a,12a-Dihydro-6H-[1,... | 284 | C16H12O5 | 002035-15-6 | 98 |
| 2 | 6a,12a-Dihydro-6H-(1,3)dioxolo(5... | 284 | C16H12O5 | 076496-57-6 | 97 |
| 3 | Maackiain, acetate | 326 | C18H14O6 | 002035-16-7 | 81 |
| 4 | 2-(9-Acridinyl)-4-methylbenzenea... | 284 | C20H16N2 | 035586-77-7 | 64 |
| 5 | Dibenzo[a,d]bicyclo[3,2,1]-8-aza... | 284 | C20H16N2 | 1000128-44-3 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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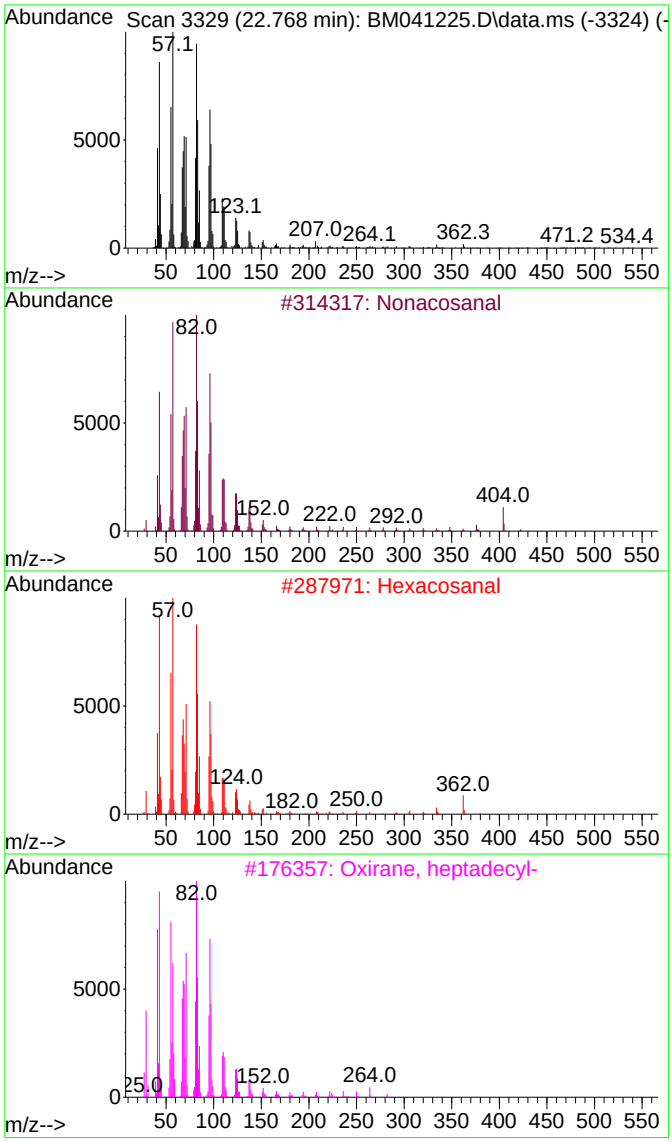
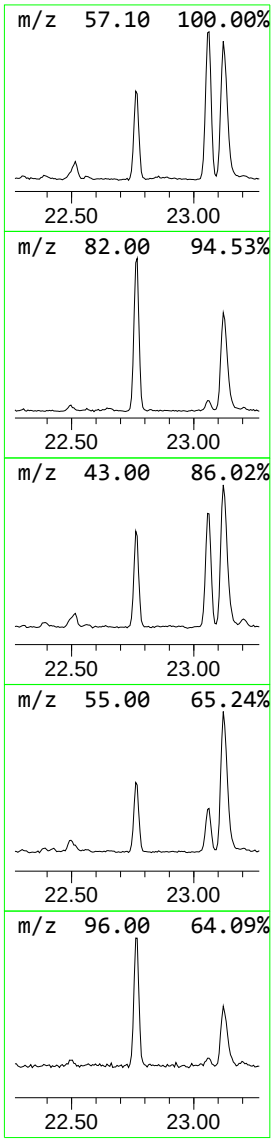
Peak Number 11 Nonacosanal Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.768 | 11.95 ng | 1381350 | Perylene-d12 | 23.803 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonacosanal | 422 | C29H58O | 072934-04-4 | 94 |
| 2 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 94 |
| 3 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 94 |
| 4 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 94 |
| 5 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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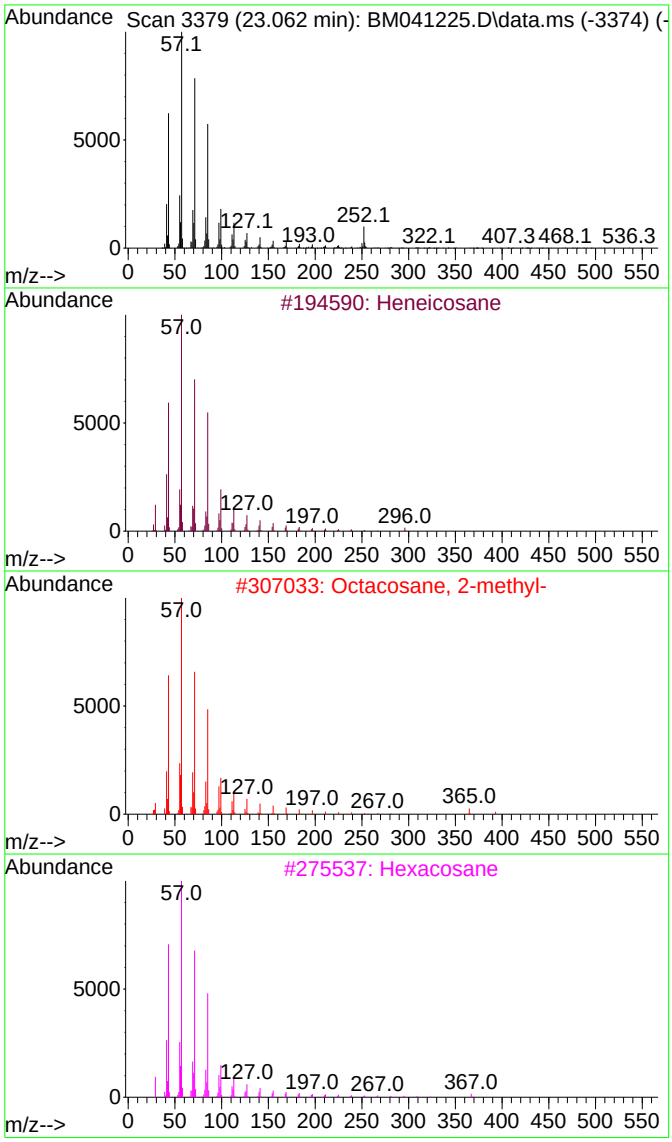
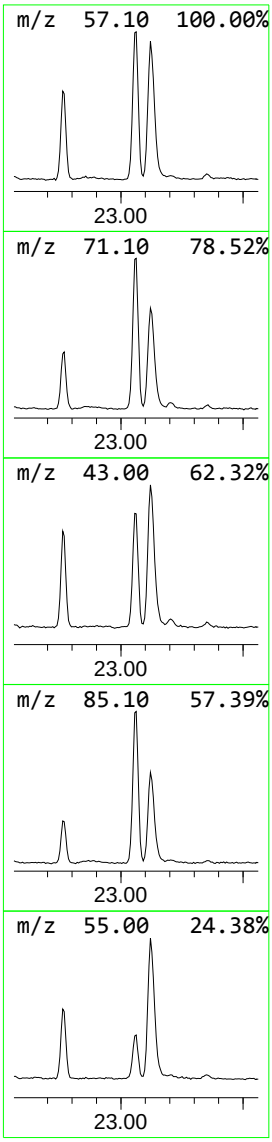
Peak Number 12 Heneicosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.062 | 10.56 ng | 1221280 | Perylene-d12 | 23.803 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 2 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 90 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |
| 5 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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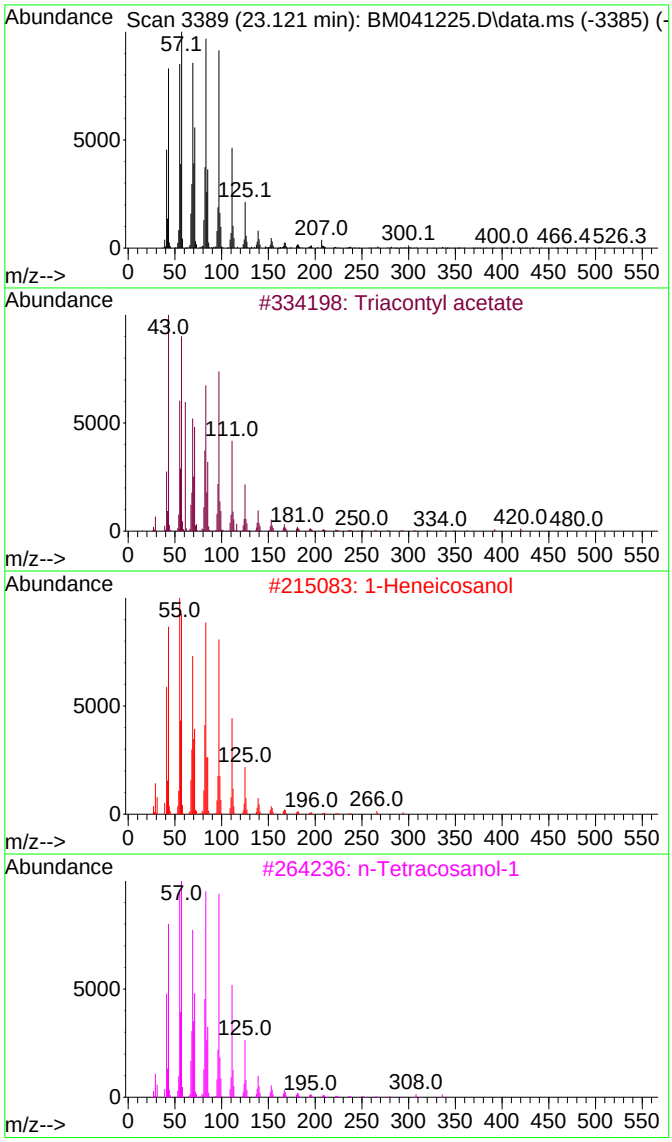
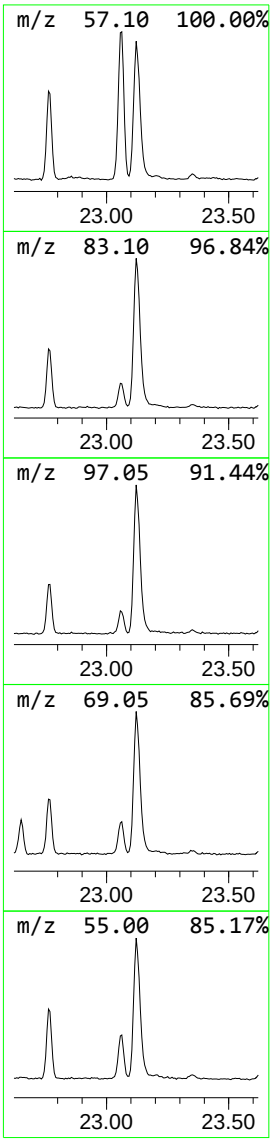
Peak Number 13 Triacontyl acetate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.121 | 24.06 ng | 2781650 | Perylene-d12 | 23.803 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triacontyl acetate | 480 | C32H64O2 | 041755-58-2 | 94 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 5 | Pentacos-1-ene | 350 | C25H50 | 016980-85-1 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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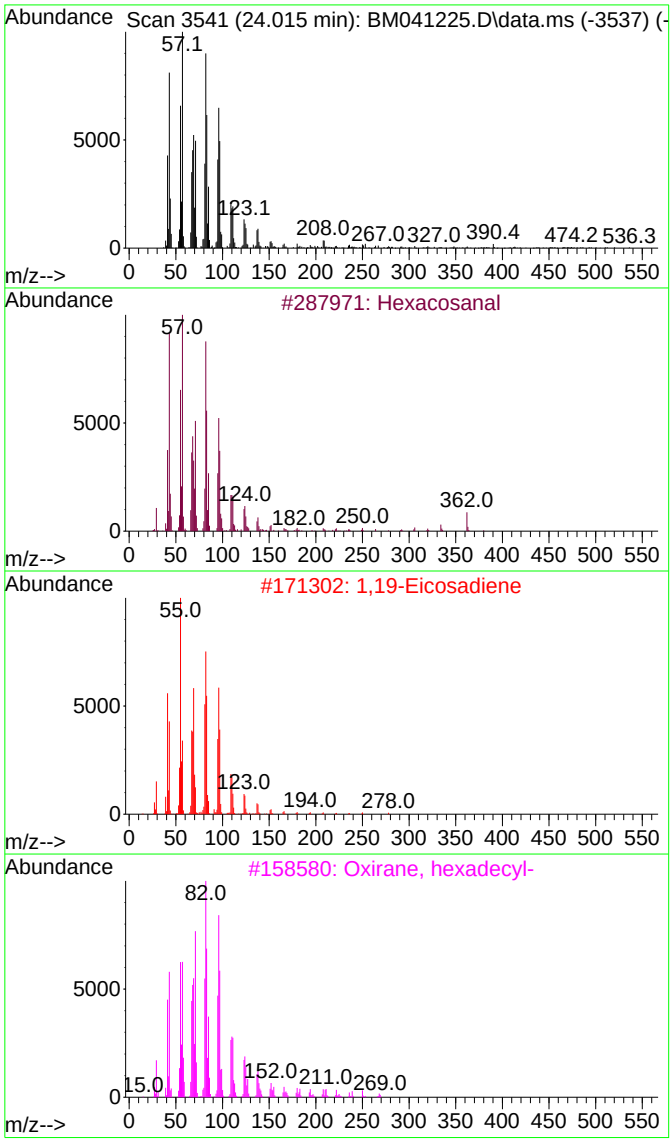
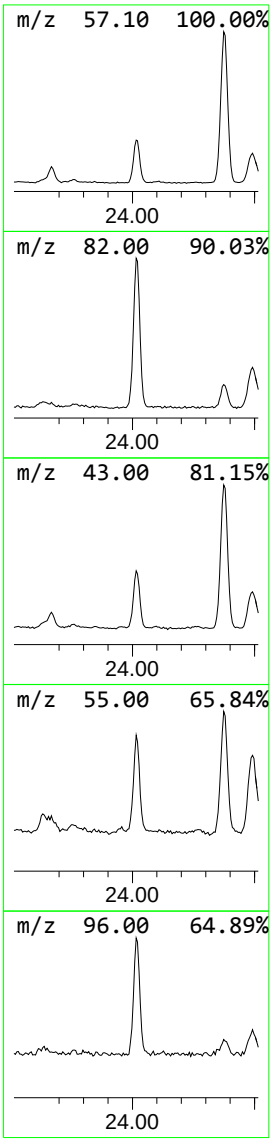
Peak Number 14 Hexacosanal Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.015 | 9.68 ng | 1119800 | Perylene-d12 | 23.803 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 97 |
| 2 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 94 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 94 |
| 4 | Heptadecanal | 254 | C17H34O | 1000376-70-0 | 93 |
| 5 | Disparlure | 282 | C19H38O | 029804-22-6 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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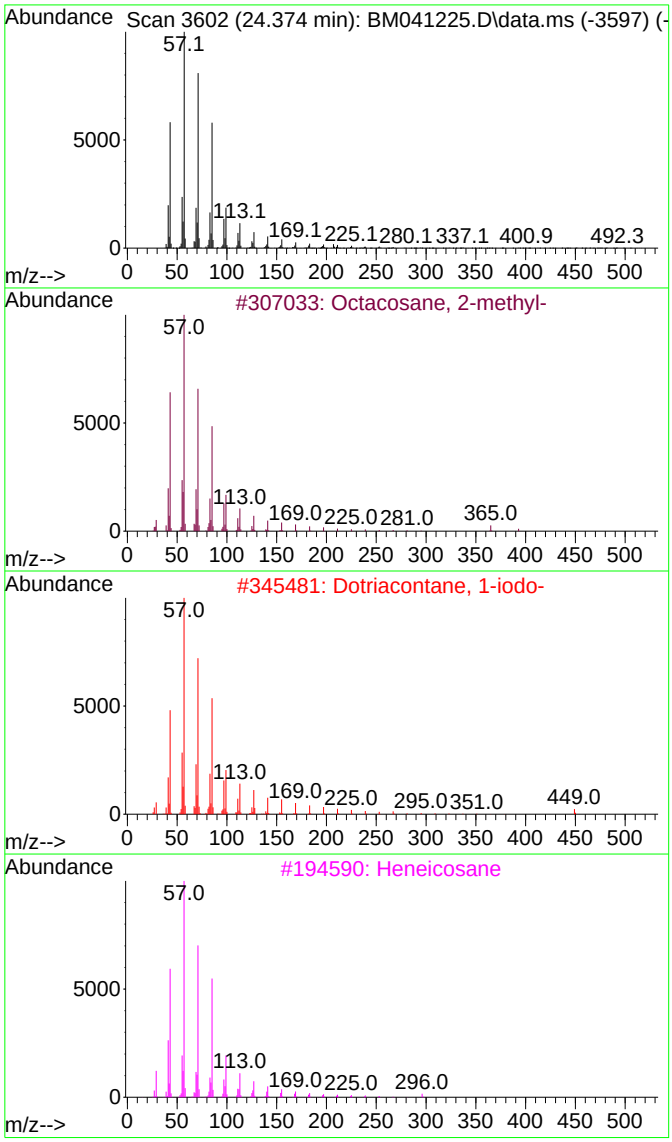
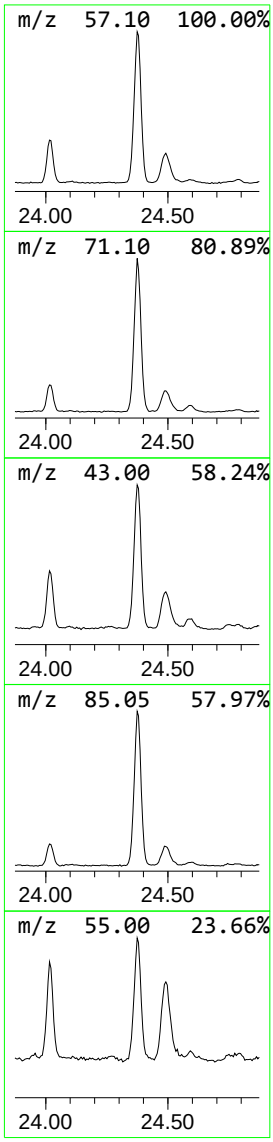
Peak Number 15 Octacosane, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.374 | 17.39 ng | 2011000 | Perylene-d12 | 23.803 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 2 | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 5 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041225.D
Acq On : 01 Aug 2023 15:17
Operator : MA/JU
Sample : 03769-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-P39A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Pentadecanoic acid | 17.121 | 2.1 | ng | 222531 | 4 | 17.221 | 2114660 | 20.0 |
| Palmitoleic acid | 18.010 | 2.5 | ng | 262704 | 4 | 17.221 | 2114660 | 20.0 |
| (E)-Hexadec-9-e... | 18.068 | 18.6 | ng | 1967980 | 4 | 17.221 | 2114660 | 20.0 |
| n-Hexadecanoic ... | 18.127 | 31.9 | ng | 3375870 | 4 | 17.221 | 2114660 | 20.0 |
| 2-Methyl-Z-4-te... | 18.427 | 2.9 | ng | 306021 | 4 | 17.221 | 2114660 | 20.0 |
| Octadecanoic acid | 19.410 | 7.1 | ng | 849835 | 5 | 21.427 | 2399360 | 20.0 |
| 9-Tricosene, (Z)- | 21.133 | 7.9 | ng | 949276 | 5 | 21.427 | 2399360 | 20.0 |
| (6aR,12aR)-6a,1... | 22.427 | 4.2 | ng | 507273 | 5 | 21.427 | 2399360 | 20.0 |
| Nonacosanal | 22.768 | 11.9 | ng | 1381350 | 6 | 23.803 | 2312660 | 20.0 |
| Heneicosane | 23.062 | 10.6 | ng | 1221280 | 6 | 23.803 | 2312660 | 20.0 |
| Triacontyl acetate | 23.121 | 24.1 | ng | 2781650 | 6 | 23.803 | 2312660 | 20.0 |
| Hexacosanal | 24.015 | 9.7 | ng | 1119800 | 6 | 23.803 | 2312660 | 20.0 |
| Octacosane, 2-m... | 24.374 | 17.4 | ng | 2011000 | 6 | 23.803 | 2312660 | 20.0 |