LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041318.D
Acq On : 07 Aug 2023 18:43
Operator : MA/JU
Sample : 03895-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MCLEAN-TP11

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: BM041318.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.363 | 363 | 370 | 386 | rBV | 2693068 | 3852077 | 34.70% | 8.131% |
| 2 | 6.975 | 635 | 644 | 662 | rBV | 2696647 | 4215771 | 37.97% | 8.898% |
| 3 | 7.787 | 773 | 782 | 790 | rBV | 536039 | 842094 | 7.58% | 1.777% |
| 4 | 8.969 | 974 | 983 | 999 | rBV | 1602302 | 2651913 | 23.89% | 5.597% |
| 5 | 10.592 | 1252 | 1259 | 1274 | rBV | 701783 | 1216713 | 10.96% | 2.568% |
| 6 | 13.075 | 1674 | 1681 | 1696 | rBV | 4306583 | 6287169 | 56.63% | 13.270% |
| 7 | 14.457 | 1909 | 1916 | 1932 | rBV | 1145626 | 1731408 | 15.59% | 3.654% |
| 8 | 15.069 | 2009 | 2020 | 2036 | rBV3 | 27139 | 152163 | 1.37% | 0.321% |
| 9 | 15.957 | 2164 | 2171 | 2192 | rBV | 4203941 | 5888932 | 53.04% | 12.430% |
| 10 | 17.215 | 2379 | 2385 | 2391 | rBV | 1619476 | 2235467 | 20.13% | 4.718% |
| 11 | 18.115 | 2533 | 2538 | 2554 | rBV | 684844 | 1021964 | 9.20% | 2.157% |
| 12 | 19.286 | 2733 | 2737 | 2744 | rVB | 88182 | 130480 | 1.18% | 0.275% |
| 13 | 19.398 | 2752 | 2756 | 2769 | rBV | 328522 | 486885 | 4.39% | 1.028% |
| 14 | 19.856 | 2828 | 2834 | 2844 | rBV | 9220186 | 11102472 | 100.00% | 23.434% |
| 15 | 21.121 | 3045 | 3049 | 3058 | rBV | 372845 | 517396 | 4.66% | 1.092% |
| 16 | 21.421 | 3095 | 3100 | 3105 | rBV | 2090137 | 2585133 | 23.28% | 5.456% |
| 17 | 23.792 | 3496 | 3503 | 3517 | rVB | 1242494 | 2459649 | 22.15% | 5.192% |

Sum of corrected areas: 47377686

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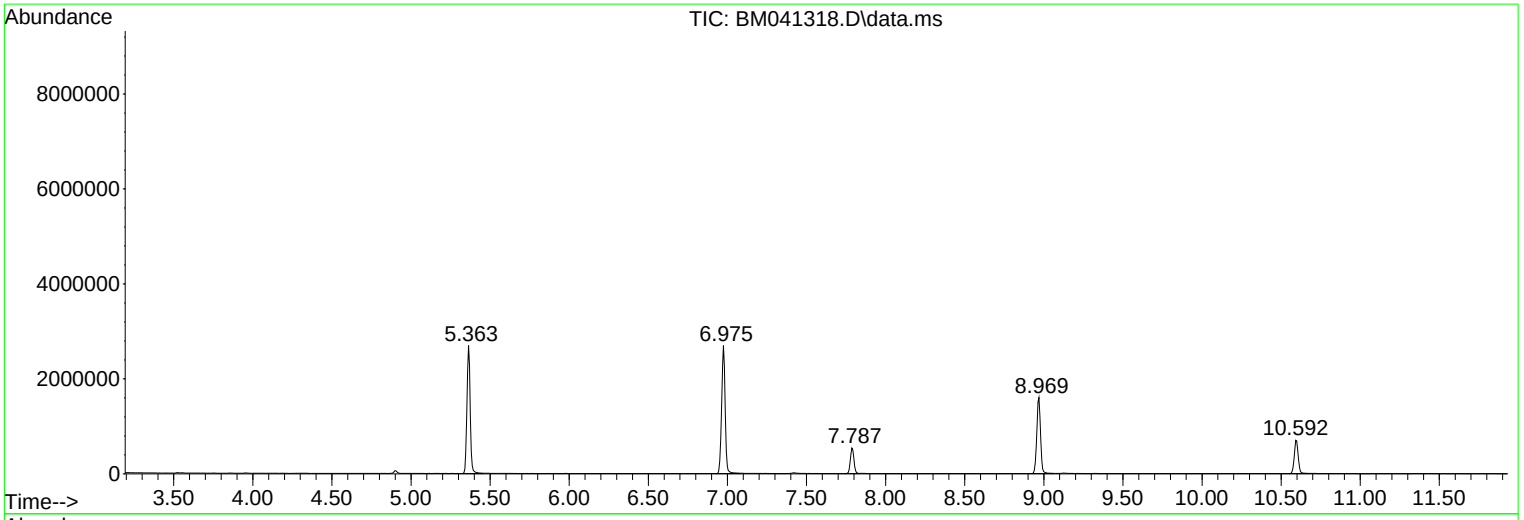
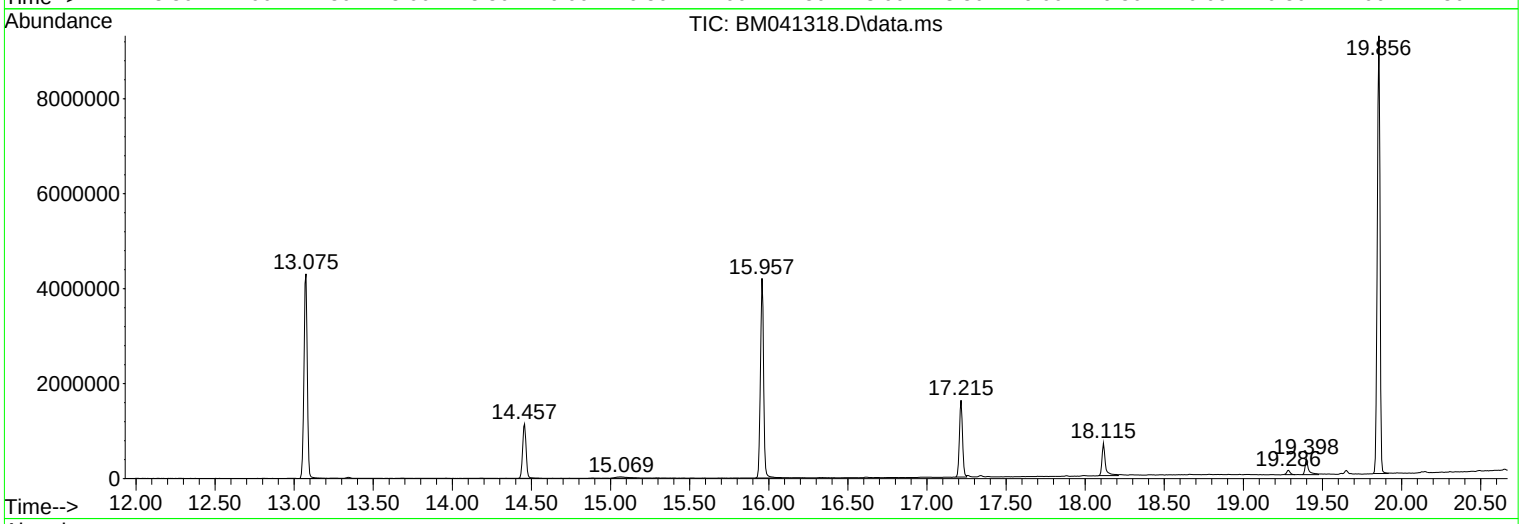
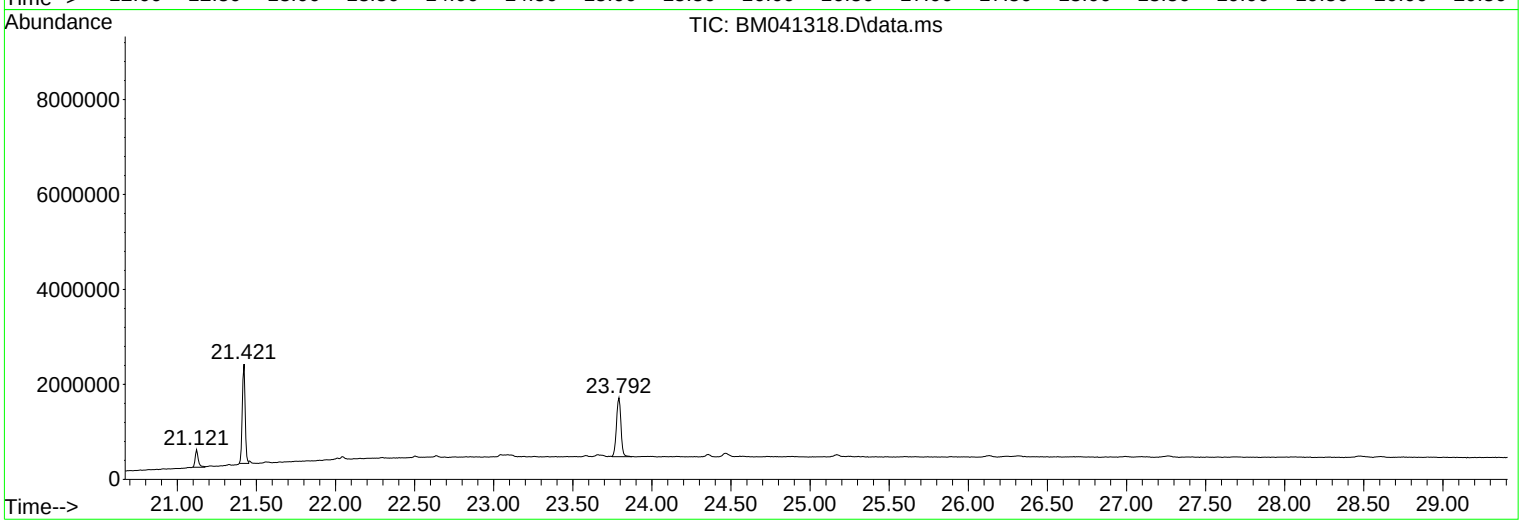
MCLEAN-TP11

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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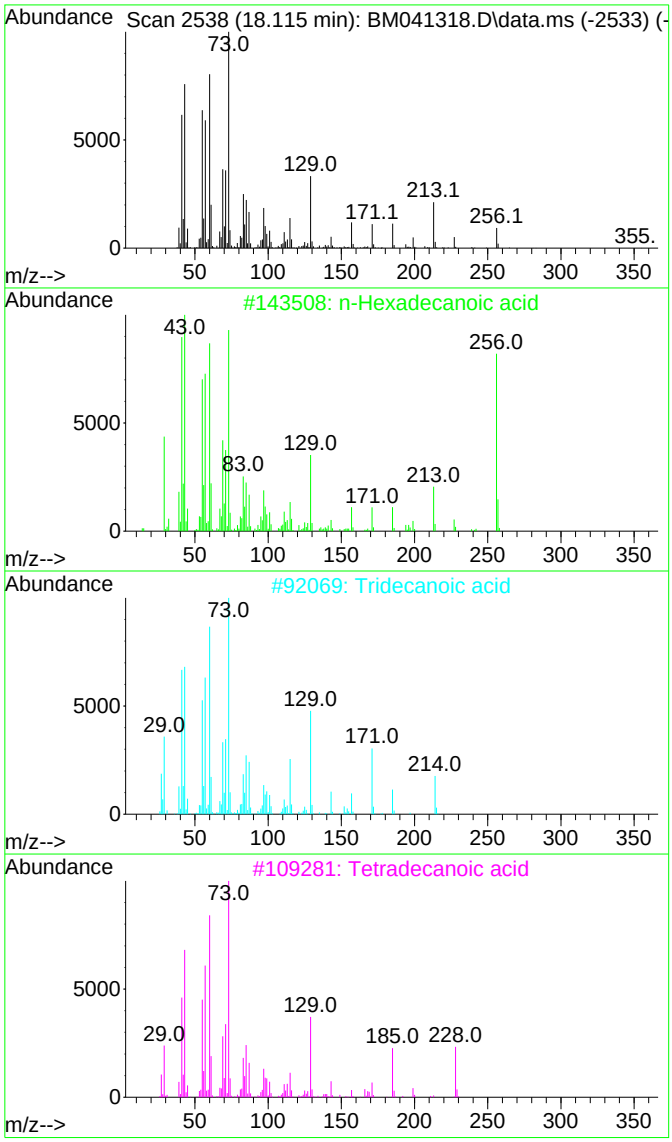
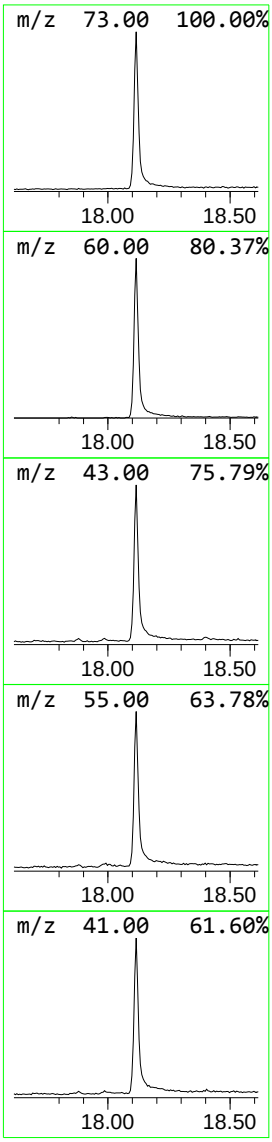
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.115 | 9.14 ng | 1021960 | Phenanthrene-d10 | 17.215 |

| 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 | 93 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 93 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 5 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 50 |



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Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MCLEAN-TP11

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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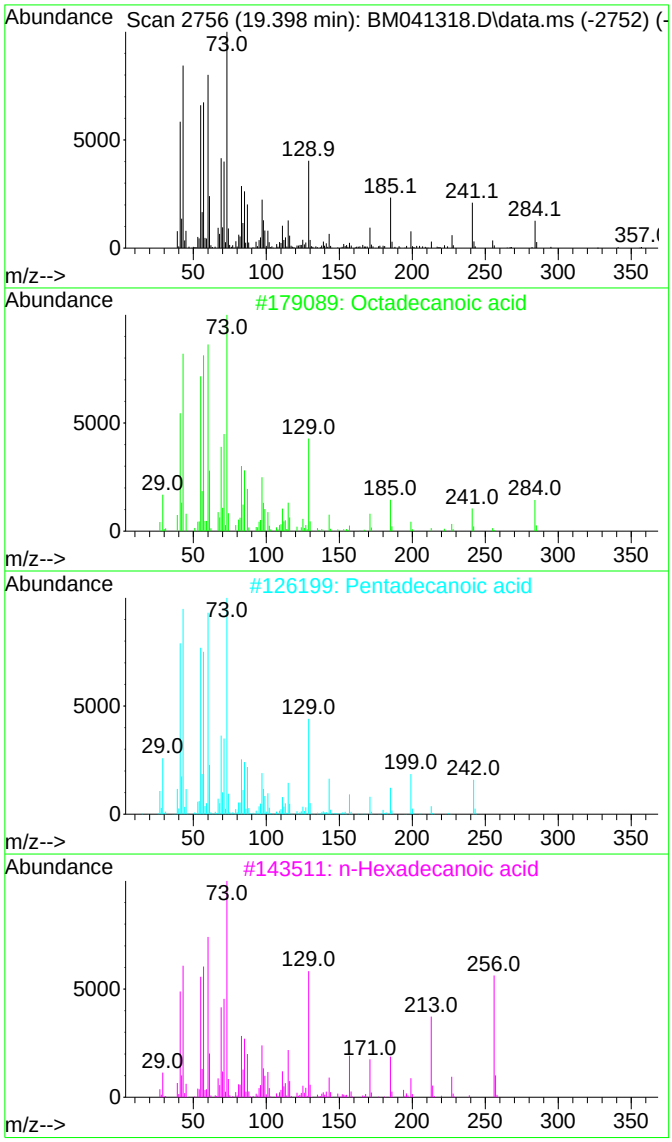
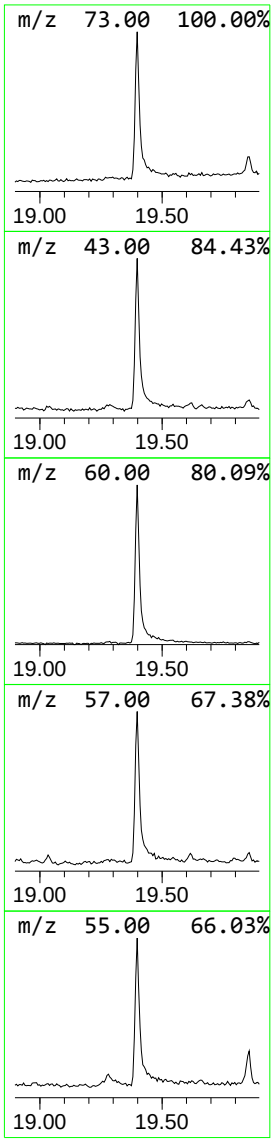
Peak Number 2 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.398 | 3.77 ng | 486885 | Chrysene-d12 | 21.421 |

| 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 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 87 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 62 |



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Sample : 03895-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MCLEAN-TP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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TIC Integration Parameters: LSCINT.P

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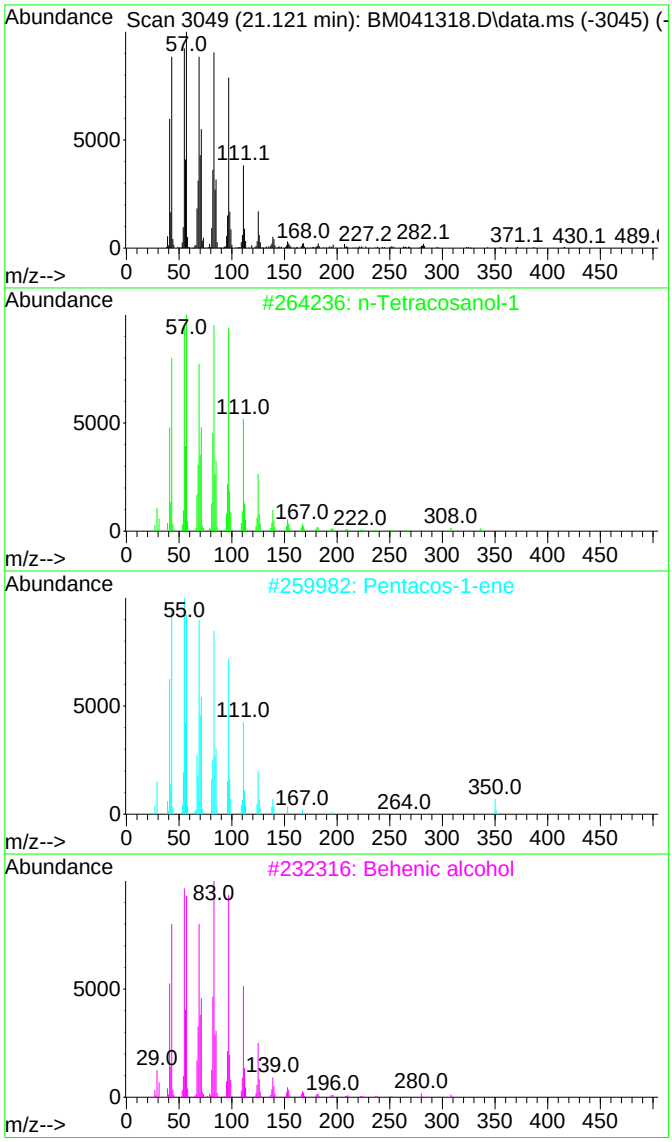
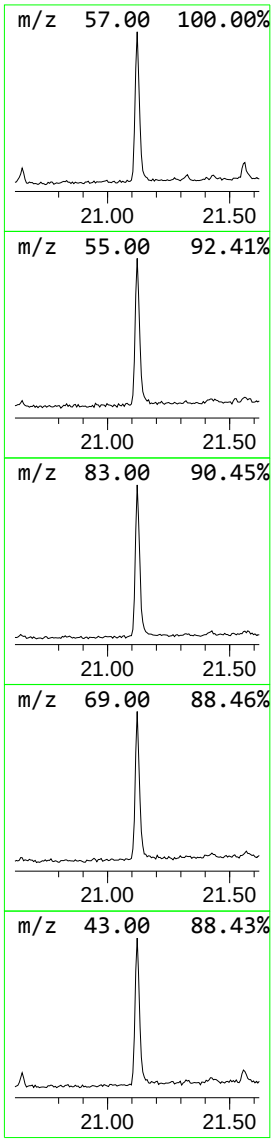
Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.121 | 4.00 ng | 517396 | Chrysene-d12 | 21.421 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 2 | Pentacos-1-ene | 350 | C25H50 | 016980-85-1 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | 9-Eicosene, (E)- | 280 | C20H40 | 074685-29-3 | 93 |
| 5 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 93 |



Tentatively Identified Compound (LSC) summary

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BNA_M
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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 |
| n-Hexadecanoic ... | 18.115 | 9.1 | ng | 1021960 | 4 | 17.215 | 2235470 | 20.0 |
| Octadecanoic acid | 19.398 | 3.8 | ng | 486885 | 5 | 21.421 | 2585130 | 20.0 |
| n-Tetracosanol-1 | 21.121 | 4.0 | ng | 517396 | 5 | 21.421 | 2585130 | 20.0 |