LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028503.D
Acq On : 22 Jan 2021 00:09
Operator : CG/JU
Sample : M1179-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** HS-TP2

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028503.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.540 | 394 | 400 | 410 | rBB | 490669 | 693601 | 60.17% | 10.211% |
| 2 | 6.669 | 587 | 592 | 597 | rBB | 23604 | 32477 | 2.82% | 0.478% |
| 3 | 7.175 | 670 | 678 | 689 | rVB | 467860 | 728985 | 63.24% | 10.732% |
| 4 | 8.016 | 815 | 821 | 828 | rVB | 112913 | 172357 | 14.95% | 2.537% |
| 5 | 9.192 | 1013 | 1021 | 1028 | rBV | 280202 | 459931 | 39.90% | 6.771% |
| 6 | 10.834 | 1293 | 1300 | 1307 | rVB | 139514 | 230591 | 20.00% | 3.395% |
| 7 | 13.280 | 1710 | 1716 | 1723 | rBV | 626479 | 904204 | 78.44% | 13.312% |
| 8 | 13.469 | 1738 | 1748 | 1755 | rBV3 | 8329 | 12238 | 1.06% | 0.180% |
| 9 | 14.110 | 1852 | 1857 | 1862 | rBV | 12662 | 17387 | 1.51% | 0.256% |
| 10 | 14.657 | 1945 | 1950 | 1956 | rVB | 192542 | 276206 | 23.96% | 4.066% |
| 11 | 16.139 | 2196 | 2202 | 2209 | rVB | 476898 | 654586 | 56.79% | 9.637% |
| 12 | 17.386 | 2408 | 2414 | 2422 | rBV | 216050 | 308653 | 26.78% | 4.544% |
| 13 | 18.257 | 2557 | 2562 | 2571 | rBV | 75837 | 107887 | 9.36% | 1.588% |
| 14 | 19.521 | 2773 | 2777 | 2786 | rBV | 39210 | 53273 | 4.62% | 0.784% |
| 15 | 19.974 | 2849 | 2854 | 2859 | rBV | 952100 | 1152670 | 100.00% | 16.970% |
| 16 | 21.209 | 3060 | 3064 | 3071 | rBV | 124408 | 159201 | 13.81% | 2.344% |
| 17 | 21.515 | 3111 | 3116 | 3121 | rBV | 280605 | 347833 | 30.18% | 5.121% |
| 18 | 23.797 | 3498 | 3504 | 3512 | rVB2 | 191149 | 350688 | 30.42% | 5.163% |
| 19 | 24.403 | 3602 | 3607 | 3618 | rVB2 | 59265 | 129628 | 11.25% | 1.908% |

Sum of corrected areas: 6792396

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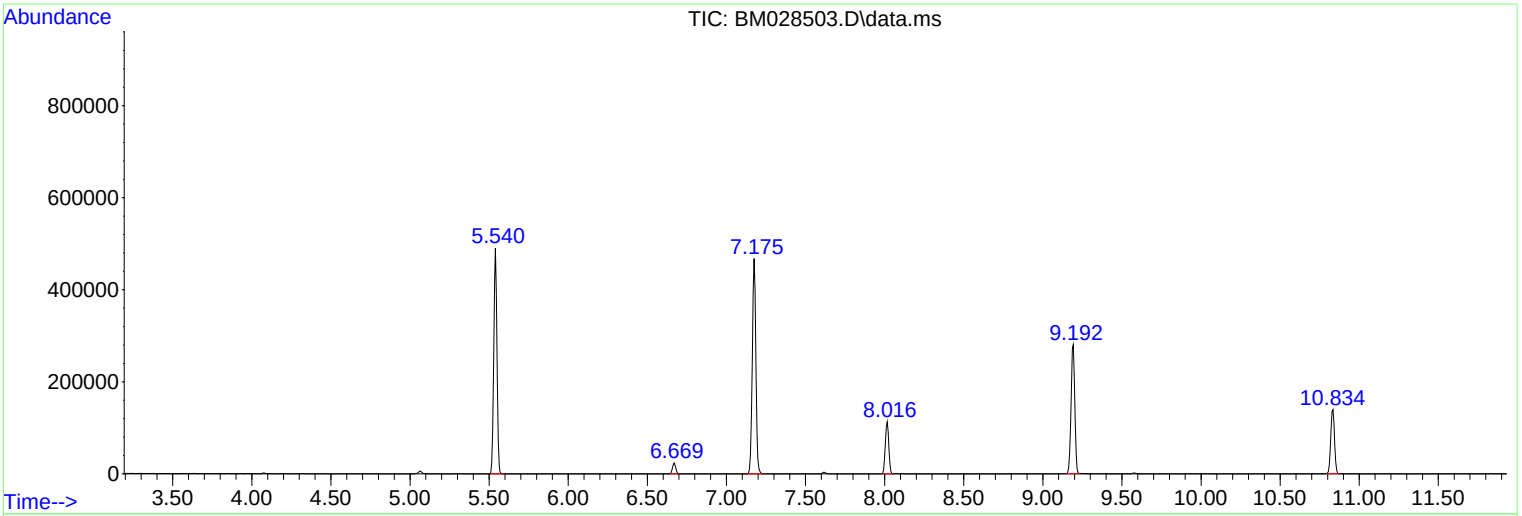
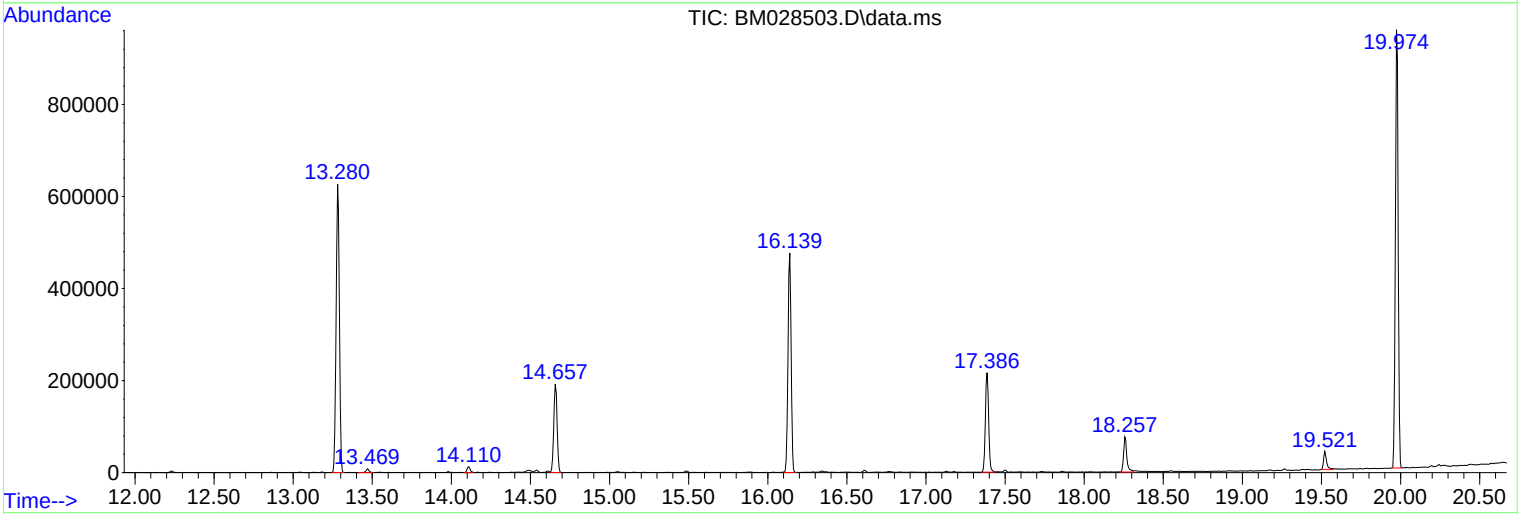
Misc :
ALS Vial : 14 Sample Multiplier: 1

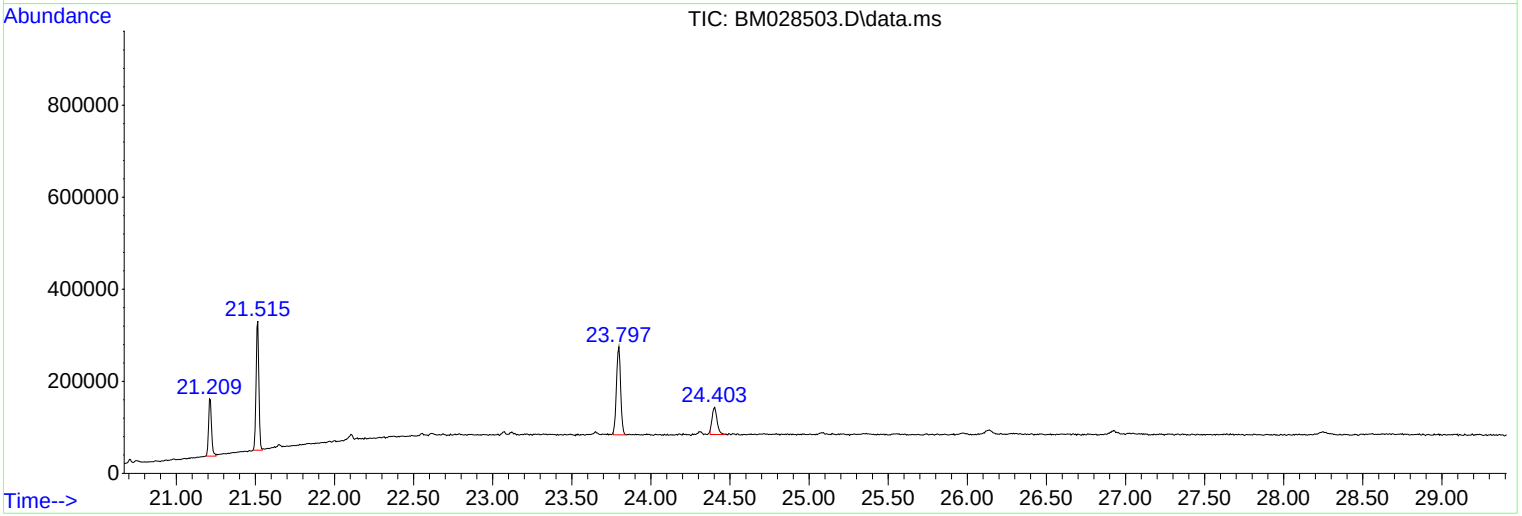
**Instrument :**
BNA_M
**ClientSampleId :**
HS-TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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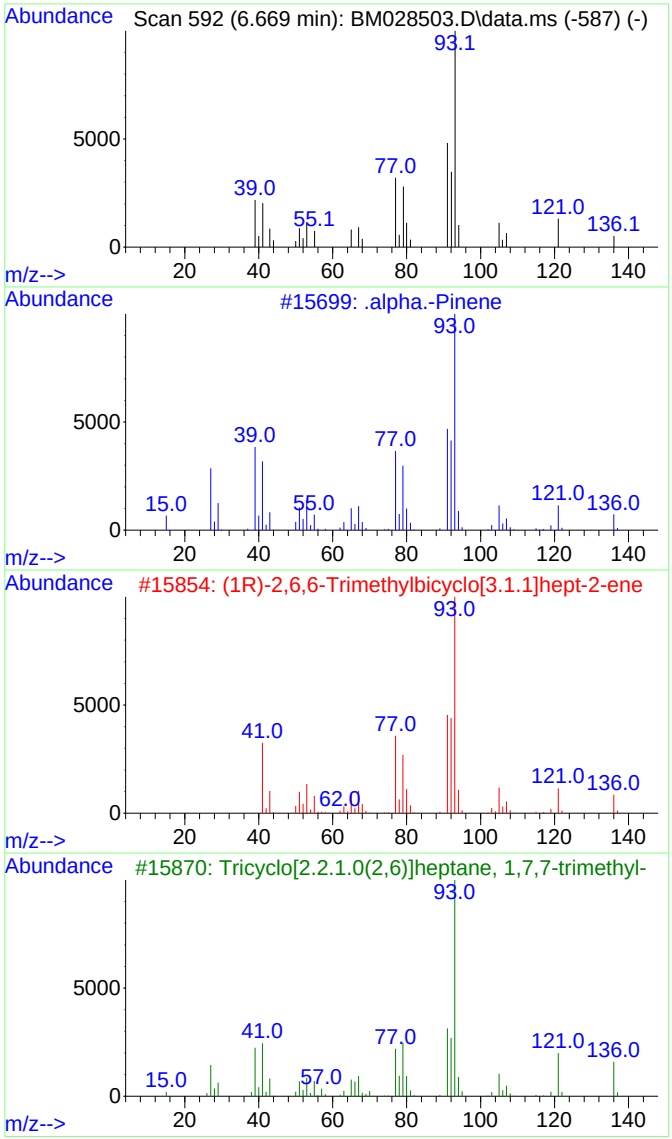
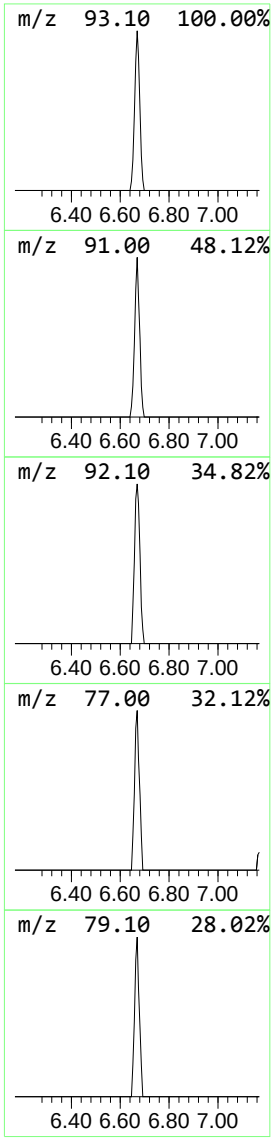
Peak Number 1 .alpha.-Pinene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.669 | 3.77 ng | 32477 | 1,4-Dichlorobenzene-d4 | 8.016 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Pinene | 136 | C10H16 | 000080-56-8 | 94 |
| 2 | (1R)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-70-8 | 92 |
| 3 | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16 | 000508-32-7 | 91 |
| 4 | Bicyclo[3.1.1]hept-2-ene, 3,6,6-... | 136 | C10H16 | 004889-83-2 | 91 |
| 5 | (1S)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-26-4 | 91 |



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Operator : CG/JU
Sample : M1179-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** HS-TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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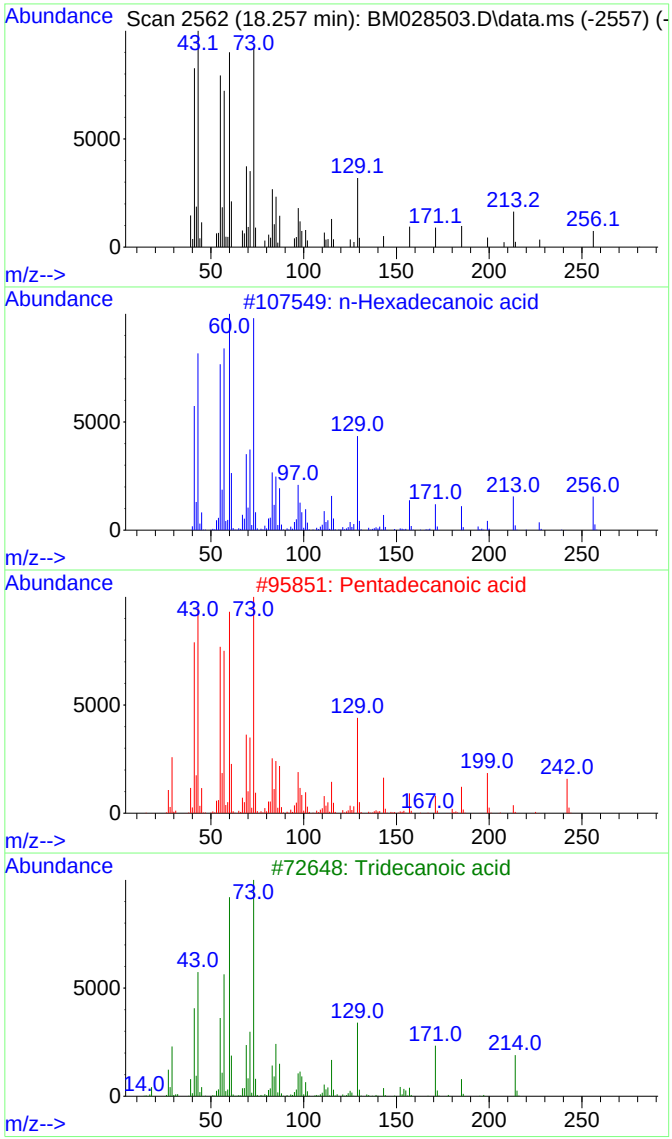
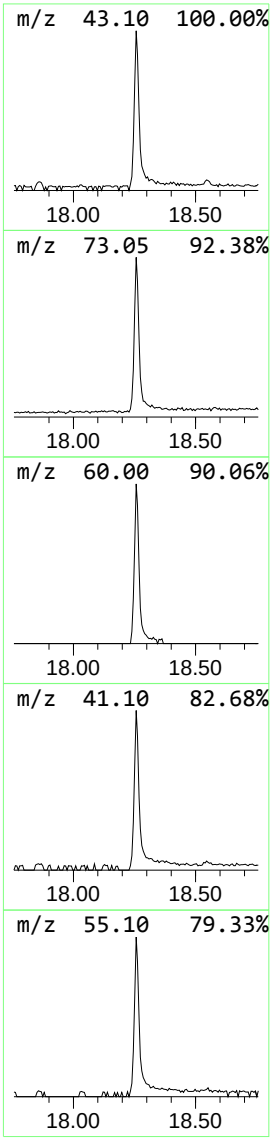
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.257 | 6.99 ng | 107887 | Phenanthrene-d10 | 17.386 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 83 |
| 4 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 80 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028503.D
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Operator : CG/JU
Sample : M1179-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** HS-TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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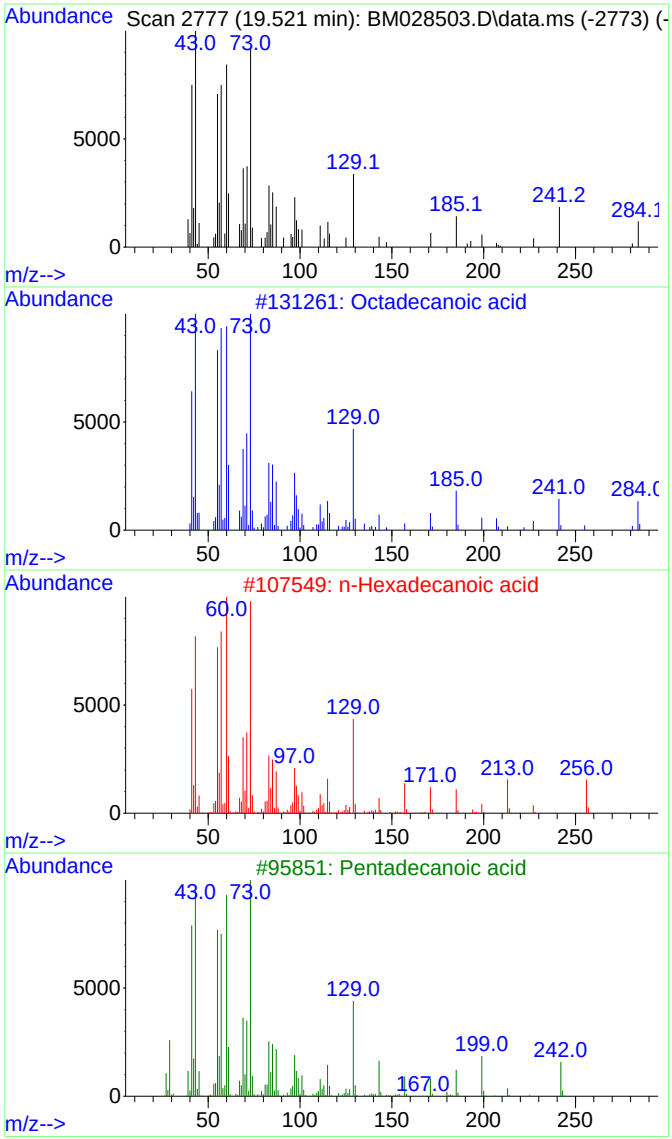
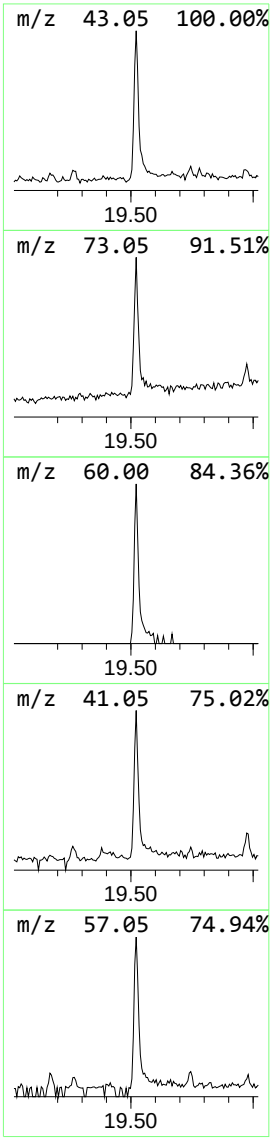
Peak Number 3 Octadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.521 | 3.06 ng | 53273 | Chrysene-d12 | 21.515 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 80 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 72 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 50 |



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Sample : M1179-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** HS-TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
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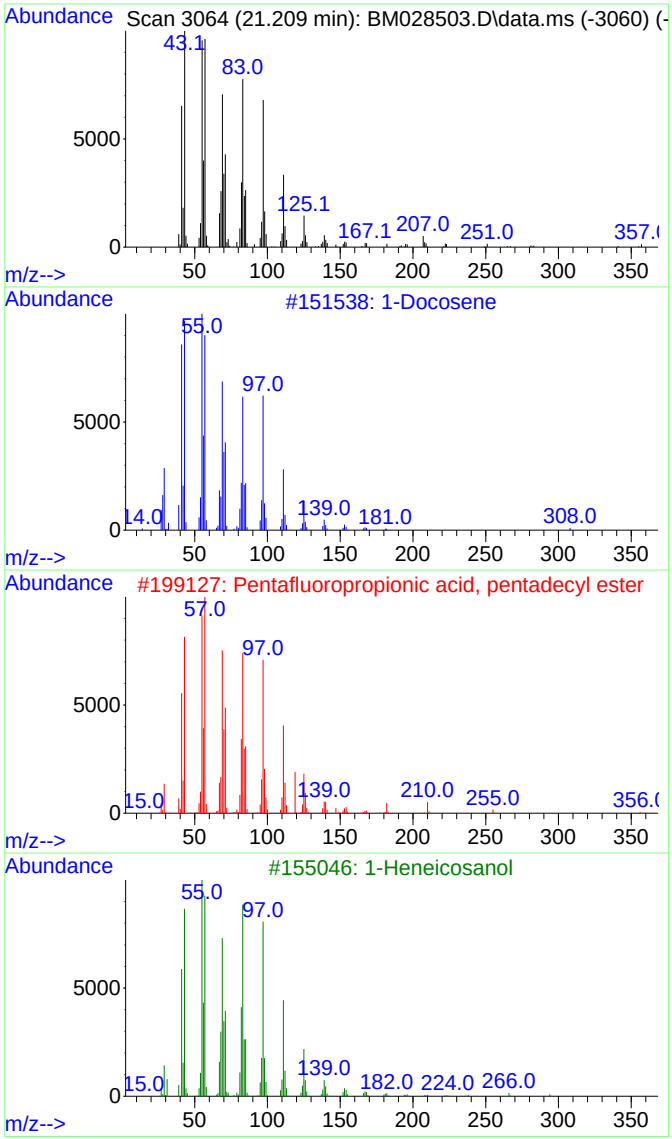
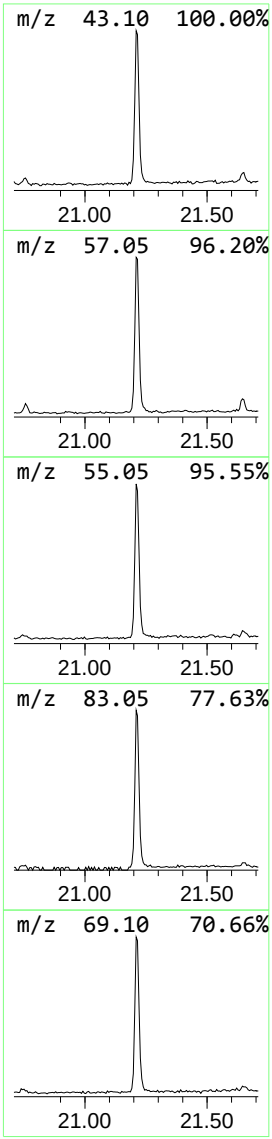
Peak Number 4 1-Docosene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.209 | 9.15 ng | 159201 | Chrysene-d12 | 21.515 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 95 |
| 2 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 5 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 91 |



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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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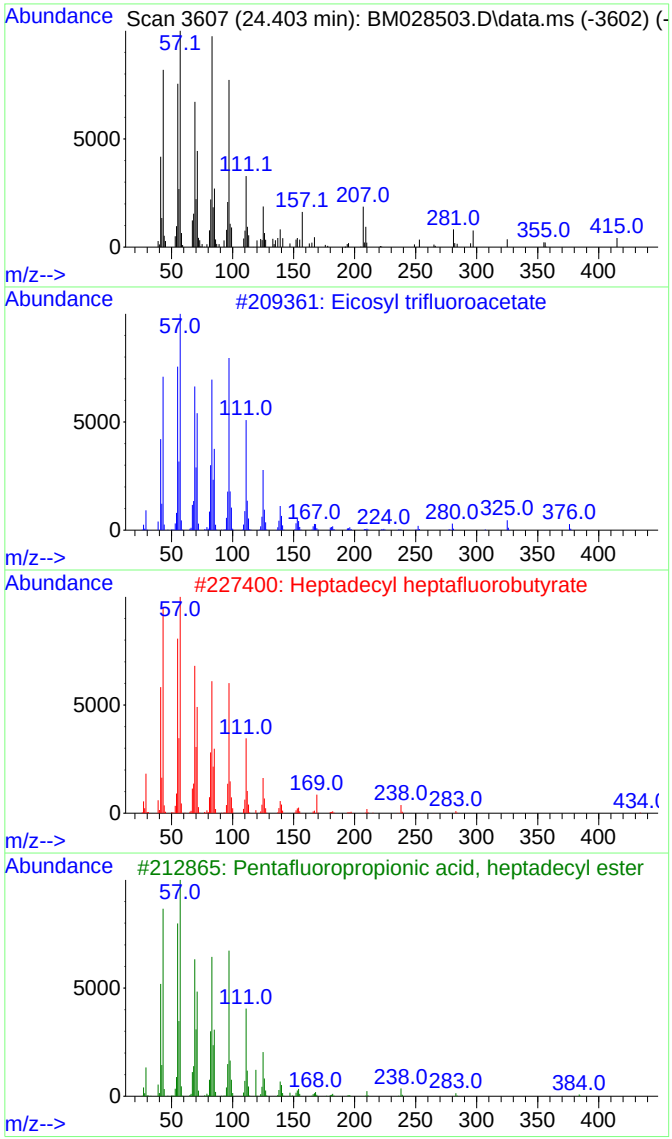
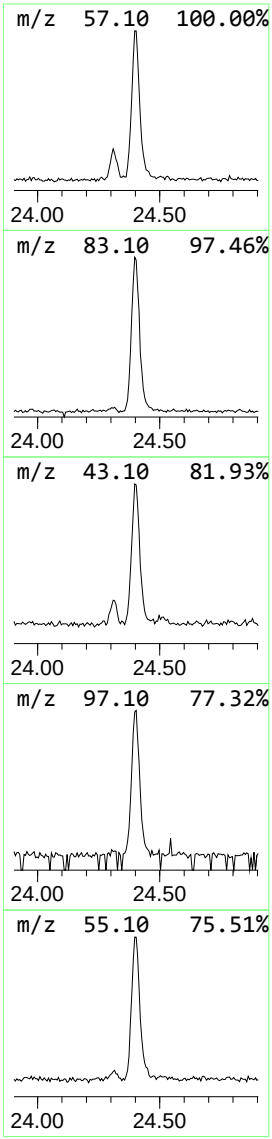
Peak Number 5 Eicosyl trifluoroacetate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.403 | 7.39 ng | 129628 | Perylene-d12 | 23.797 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosyl trifluoroacetate | 394 | C22H41F3O2 | 1000351-75-2 | 60 |
| 2 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 60 |
| 3 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 60 |
| 4 | Tetracosyl trifluoroacetate | 450 | C26H49F3O2 | 1000351-76-4 | 60 |
| 5 | Tetracosyl pentafluoropropionate | 500 | C27H49F5O2 | 1000351-81-3 | 60 |



Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| .alpha.-Pinene | 6.669 | 3.8 | ng | 32477 | 1 | 8.016 | 172357 | 20.0 |
| n-Hexadecanoic ... | 18.257 | 7.0 | ng | 107887 | 4 | 17.386 | 308653 | 20.0 |
| Octadecanoic acid | 19.521 | 3.1 | ng | 53273 | 5 | 21.515 | 347833 | 20.0 |
| 1-Docosene | 21.209 | 9.2 | ng | 159201 | 5 | 21.515 | 347833 | 20.0 |
| Eicosyl trifluo... | 24.403 | 7.4 | ng | 129628 | 6 | 23.797 | 350688 | 20.0 |