LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019579.D
Acq On : 06 Feb 2024 18:08
Operator : MA/JU
Sample : P1345-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TT-278-IDWSO-20240201-1

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\8270E-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019579.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.028 | 322 | 330 | 338 | rVB | 23415 | 39747 | 1.04% | 0.196% |
| 2 | 5.481 | 400 | 407 | 419 | rBV | 1308631 | 1896772 | 49.73% | 9.348% |
| 3 | 7.075 | 669 | 678 | 689 | rBV | 1300360 | 2110434 | 55.33% | 10.401% |
| 4 | 7.911 | 812 | 820 | 828 | rBV | 276489 | 453081 | 11.88% | 2.233% |
| 5 | 9.075 | 1009 | 1018 | 1027 | rBV | 802878 | 1350700 | 35.41% | 6.657% |
| 6 | 10.705 | 1288 | 1295 | 1306 | rBV | 341218 | 617132 | 16.18% | 3.042% |
| 7 | 13.169 | 1706 | 1714 | 1725 | rBV | 2127779 | 3204883 | 84.03% | 15.795% |
| 8 | 13.446 | 1756 | 1761 | 1768 | rVB2 | 24761 | 39924 | 1.05% | 0.197% |
| 9 | 14.540 | 1940 | 1947 | 1955 | rBV | 574694 | 873182 | 22.89% | 4.304% |
| 10 | 16.034 | 2192 | 2201 | 2222 | rBV | 1728153 | 2552172 | 66.92% | 12.579% |
| 11 | 17.292 | 2409 | 2415 | 2425 | rBV | 660146 | 1018121 | 26.69% | 5.018% |
| 12 | 17.422 | 2430 | 2437 | 2444 | rVB5 | 30338 | 45264 | 1.19% | 0.223% |
| 13 | 18.198 | 2563 | 2569 | 2578 | rBV | 147326 | 209284 | 5.49% | 1.031% |
| 14 | 18.622 | 2636 | 2641 | 2646 | rBV4 | 30063 | 44345 | 1.16% | 0.219% |
| 15 | 19.428 | 2774 | 2778 | 2789 | rBV2 | 41261 | 60035 | 1.57% | 0.296% |
| 16 | 19.863 | 2846 | 2852 | 2858 | rBV | 3210317 | 3813939 | 100.00% | 18.797% |
| 17 | 21.122 | 3062 | 3066 | 3074 | rBV2 | 74977 | 113532 | 2.98% | 0.560% |
| 18 | 21.386 | 3105 | 3111 | 3120 | rBV | 658881 | 881548 | 23.11% | 4.345% |
| 19 | 23.798 | 3514 | 3521 | 3532 | rVB | 454880 | 965787 | 25.32% | 4.760% |

Sum of corrected areas: 20289882

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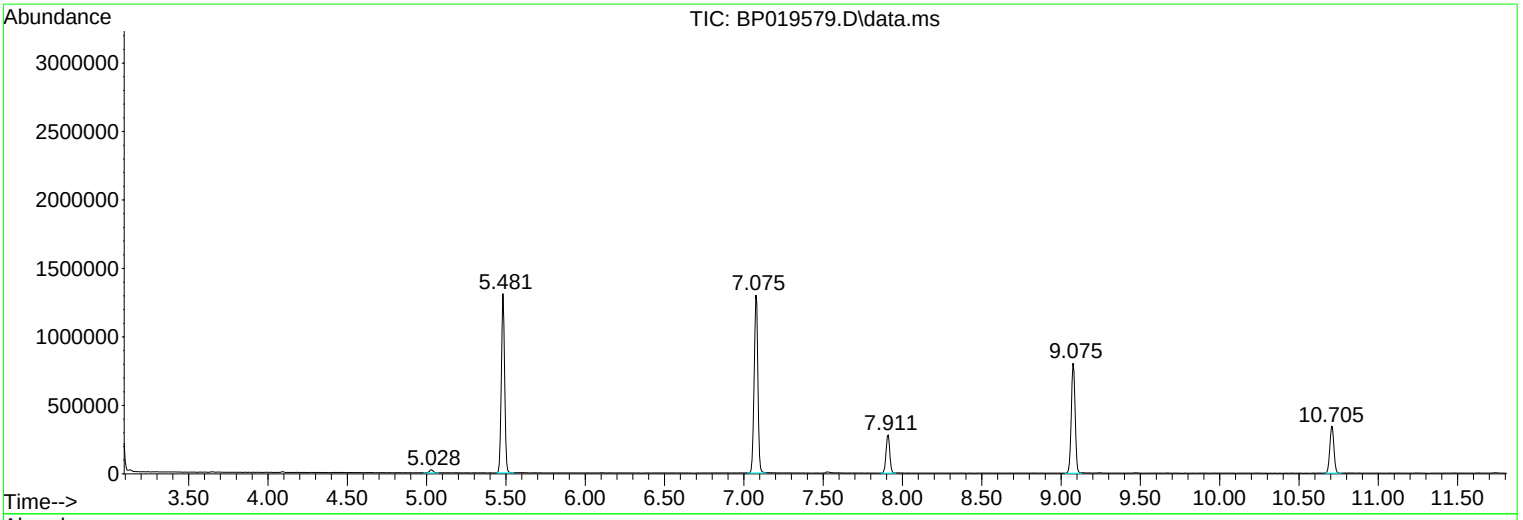
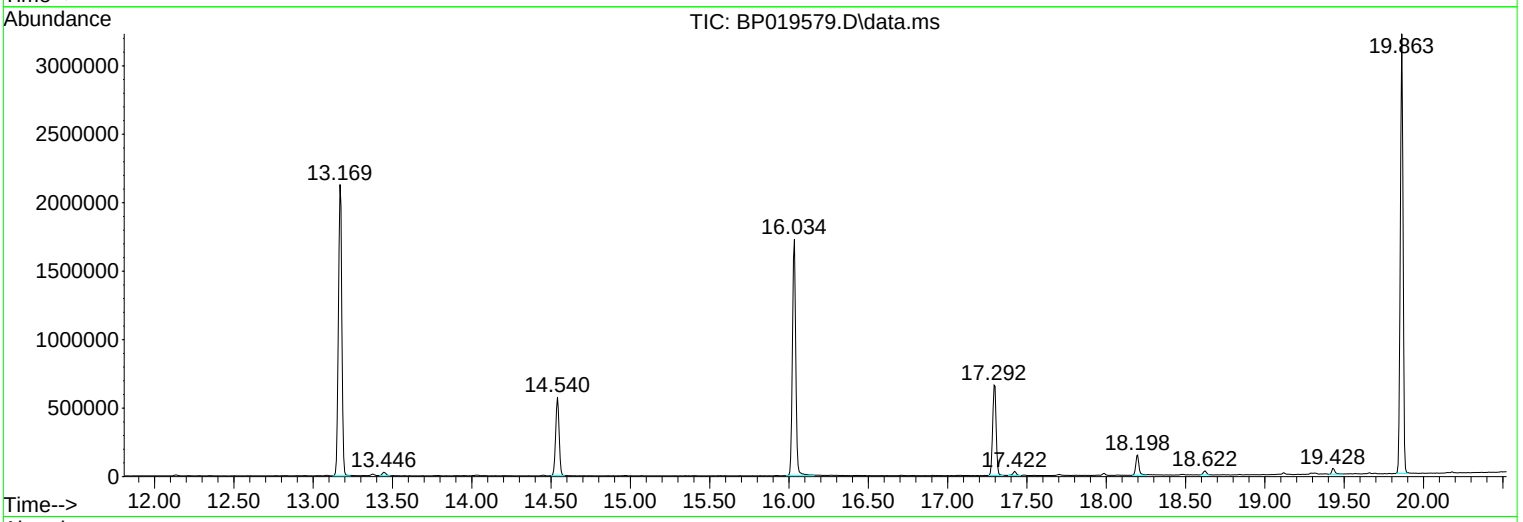
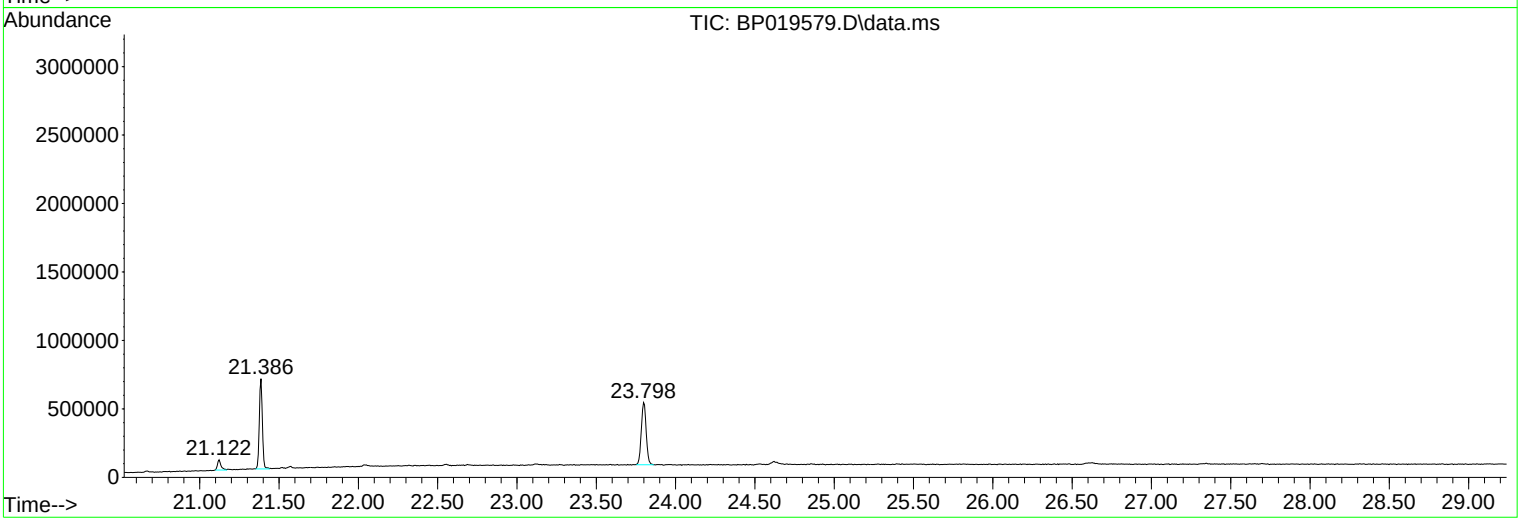
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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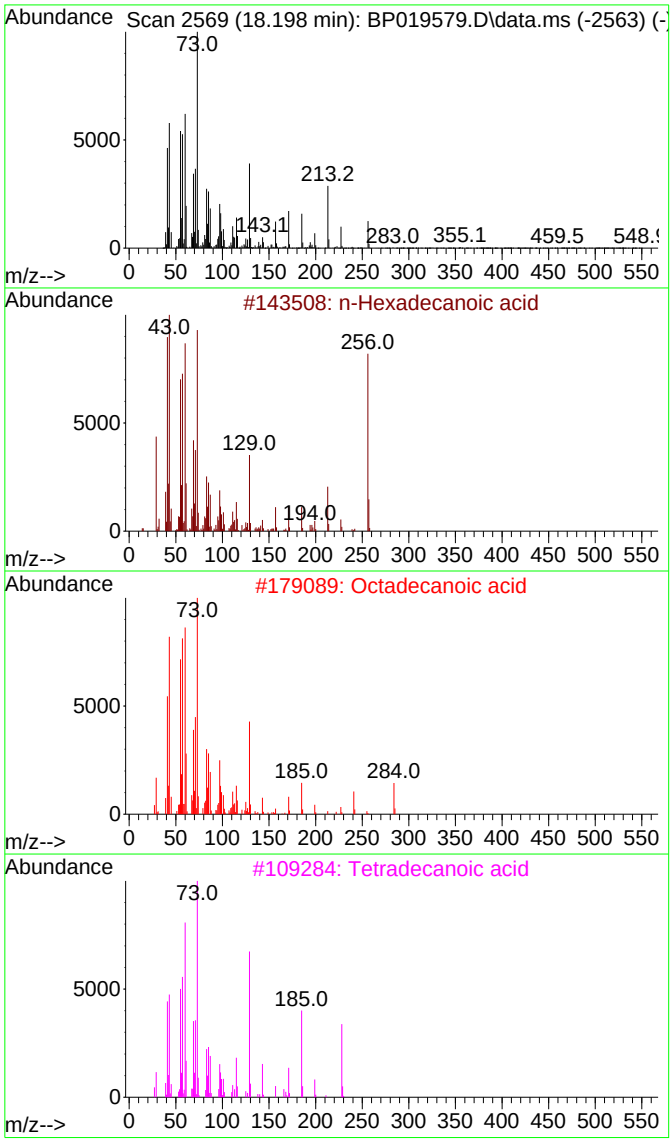
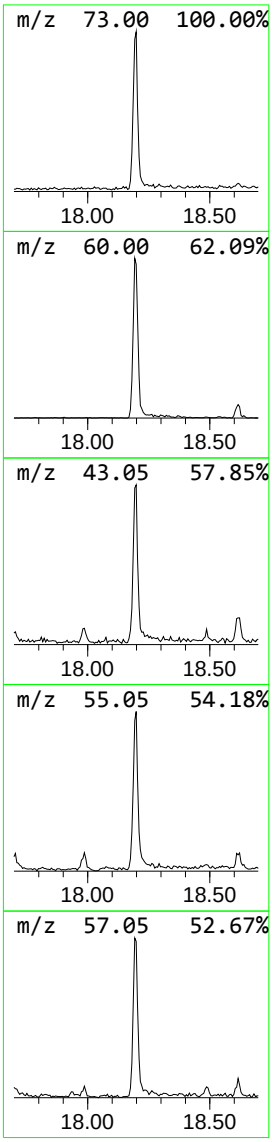
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.198 | 4.11 ng | 209284 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 70 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 60 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 55 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 53 |



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

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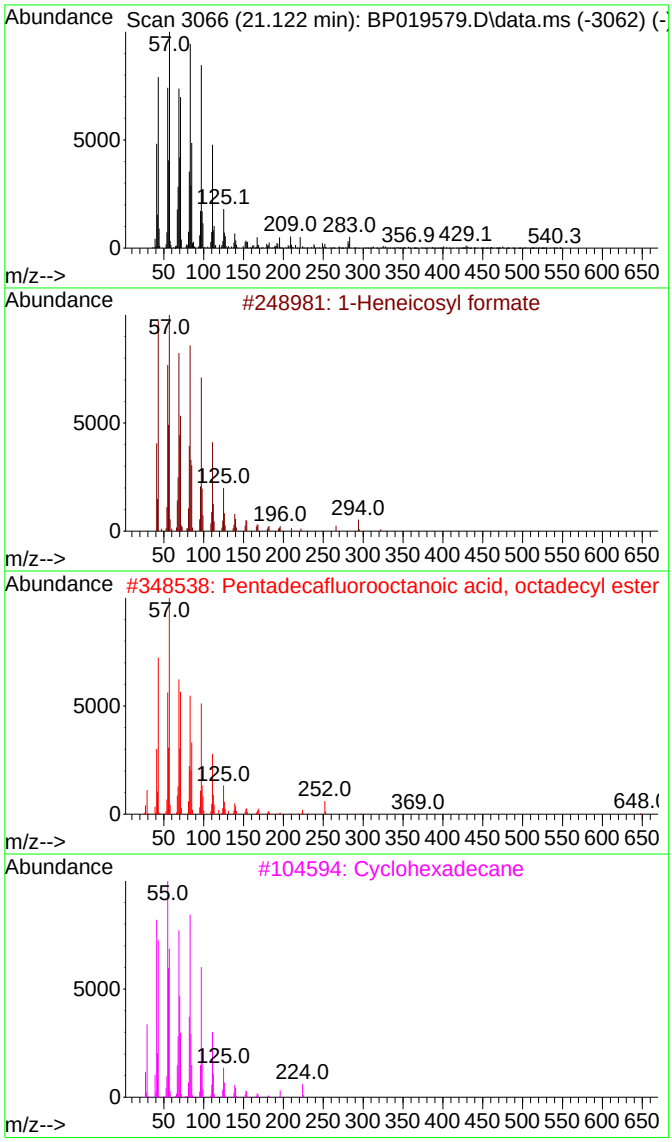
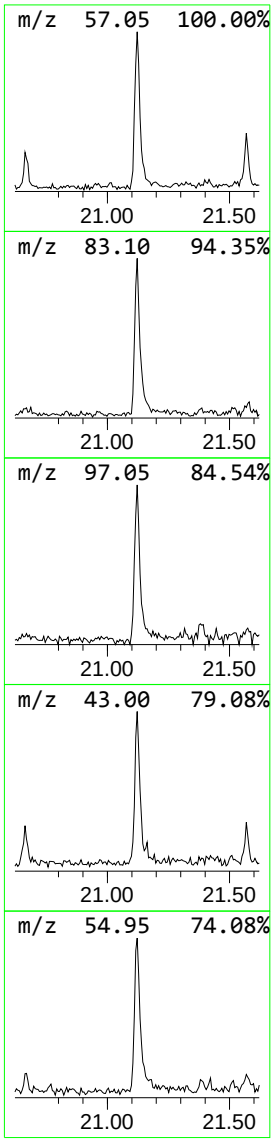
Peak Number 2 1-Heneicosyl formate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.122 | 2.58 ng | 113532 | Chrysene-d12 | 21.386 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 96 |
| 2 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94 |
| 3 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 91 |
| 4 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 91 |
| 5 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 91 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic ... | 18.198 | 4.1 | ng | 209284 | 4 | 17.292 | 1018120 | 20.0 |
| 1-Heneicosyl fo... | 21.122 | 2.6 | ng | 113532 | 5 | 21.386 | 881548 | 20.0 |