LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
Data File : BP005315.D
Acq On : 16 Apr 2021 13:08
Operator : CG/JU
Sample : M2049-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SB-09-0-2.0

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-BP041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005315.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.264 | 366 | 370 | 378 | rVB | 390395 | 549281 | 39.37% | 8.274% |
| 2 | 6.852 | 635 | 640 | 650 | rVB | 376199 | 590214 | 42.30% | 8.891% |
| 3 | 7.658 | 773 | 777 | 786 | rVB | 113735 | 183929 | 13.18% | 2.771% |
| 4 | 8.822 | 968 | 975 | 983 | rBV | 233217 | 360203 | 25.82% | 5.426% |
| 5 | 10.452 | 1245 | 1252 | 1260 | rBV | 96009 | 151117 | 10.83% | 2.276% |
| 6 | 12.940 | 1666 | 1675 | 1683 | rBV | 490563 | 652986 | 46.80% | 9.837% |
| 7 | 14.328 | 1904 | 1911 | 1922 | rBV | 172397 | 231199 | 16.57% | 3.483% |
| 8 | 15.828 | 2160 | 2166 | 2175 | rBV | 346461 | 480099 | 34.41% | 7.232% |
| 9 | 17.092 | 2374 | 2381 | 2392 | rBV | 214316 | 285595 | 20.47% | 4.302% |
| 10 | 17.992 | 2528 | 2534 | 2541 | rBV2 | 37577 | 62119 | 4.45% | 0.936% |
| 11 | 19.233 | 2741 | 2745 | 2754 | rBV6 | 15275 | 24823 | 1.78% | 0.374% |
| 12 | 19.492 | 2783 | 2789 | 2802 | rVB2 | 39711 | 77044 | 5.52% | 1.161% |
| 13 | 19.669 | 2814 | 2819 | 2828 | rBV | 1279126 | 1395260 | 100.00% | 21.018% |
| 14 | 20.345 | 2931 | 2934 | 2939 | rVB | 19849 | 24280 | 1.74% | 0.366% |
| 15 | 20.875 | 3019 | 3024 | 3026 | rBV | 21920 | 34937 | 2.50% | 0.526% |
| 16 | 20.910 | 3026 | 3030 | 3037 | rVV2 | 63935 | 131291 | 9.41% | 1.978% |
| 17 | 20.975 | 3037 | 3041 | 3050 | rVV | 146891 | 193916 | 13.90% | 2.921% |
| 18 | 21.104 | 3060 | 3063 | 3067 | rVB2 | 28996 | 31236 | 2.24% | 0.471% |
| 19 | 21.192 | 3072 | 3078 | 3082 | rBV | 409422 | 534292 | 38.29% | 8.049% |
| 20 | 21.228 | 3082 | 3084 | 3093 | rVB | 41404 | 63205 | 4.53% | 0.952% |
| 21 | 21.986 | 3210 | 3213 | 3218 | rVB | 29725 | 34197 | 2.45% | 0.515% |
| 22 | 22.145 | 3237 | 3240 | 3246 | rVB2 | 39926 | 51416 | 3.69% | 0.775% |
| 23 | 23.463 | 3458 | 3464 | 3473 | rVB | 260895 | 495625 | 35.52% | 7.466% |

Sum of corrected areas: 6638264

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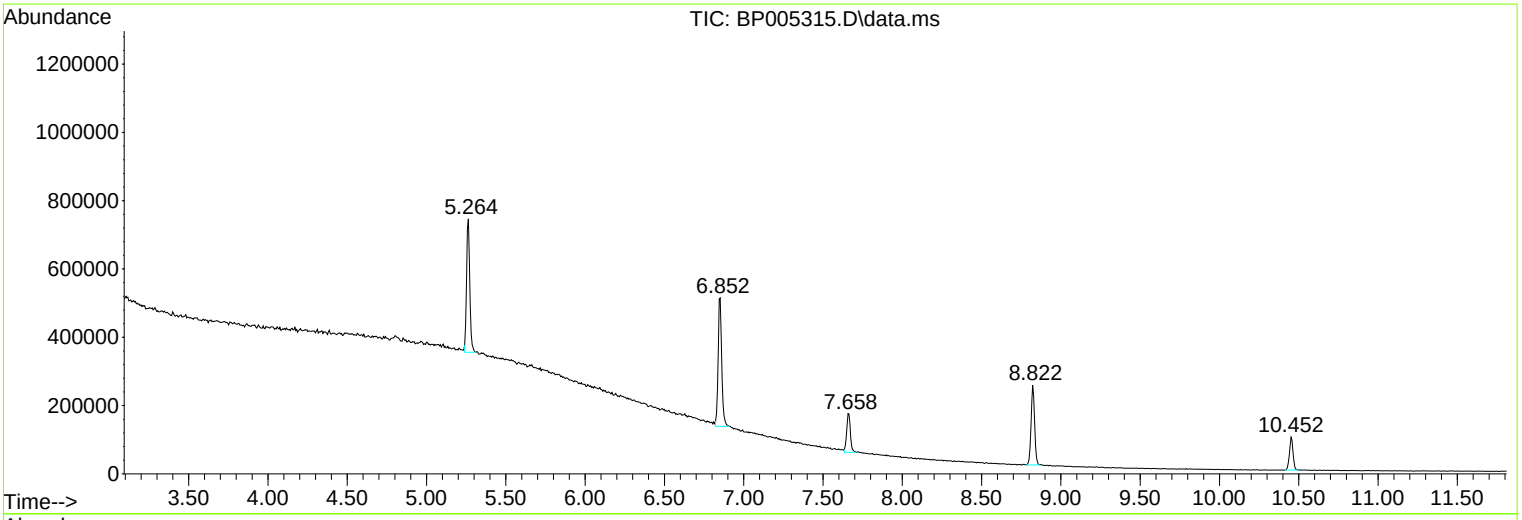
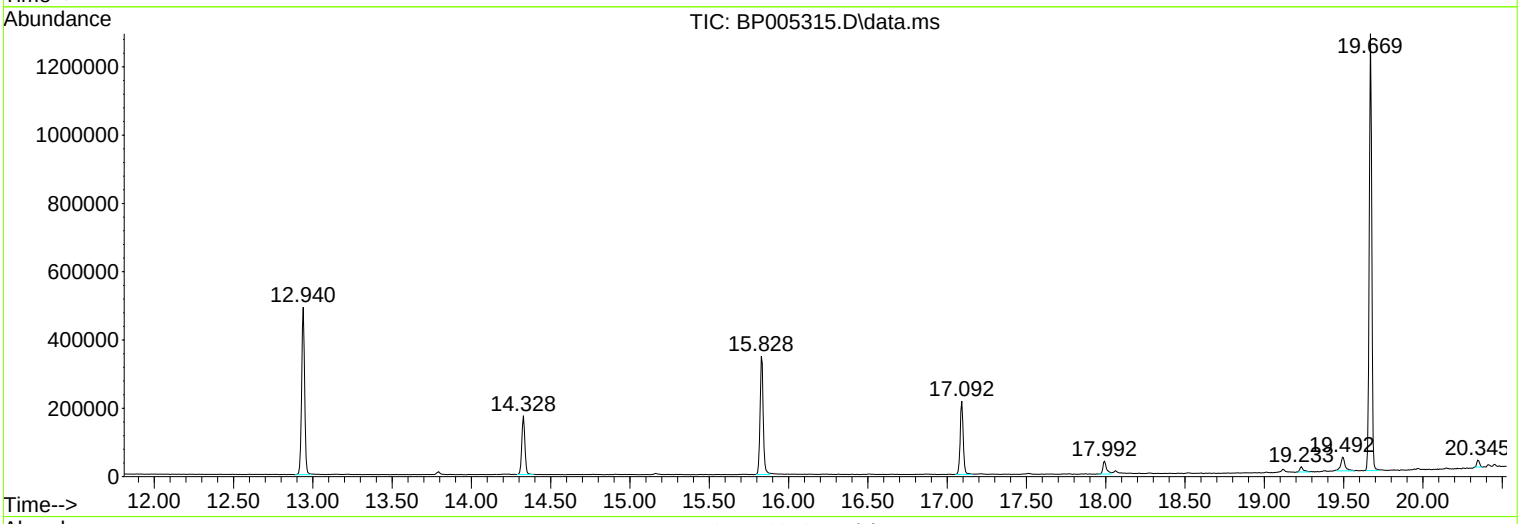
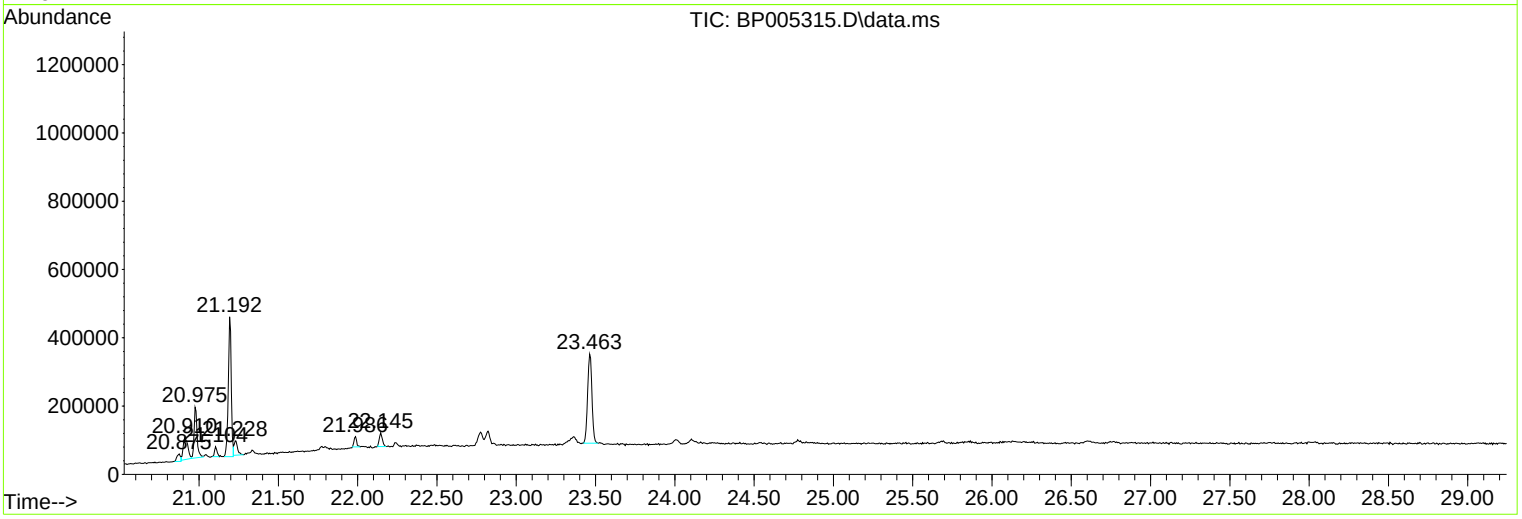
BNA_P
**ClientSampleId :**
SB-09-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.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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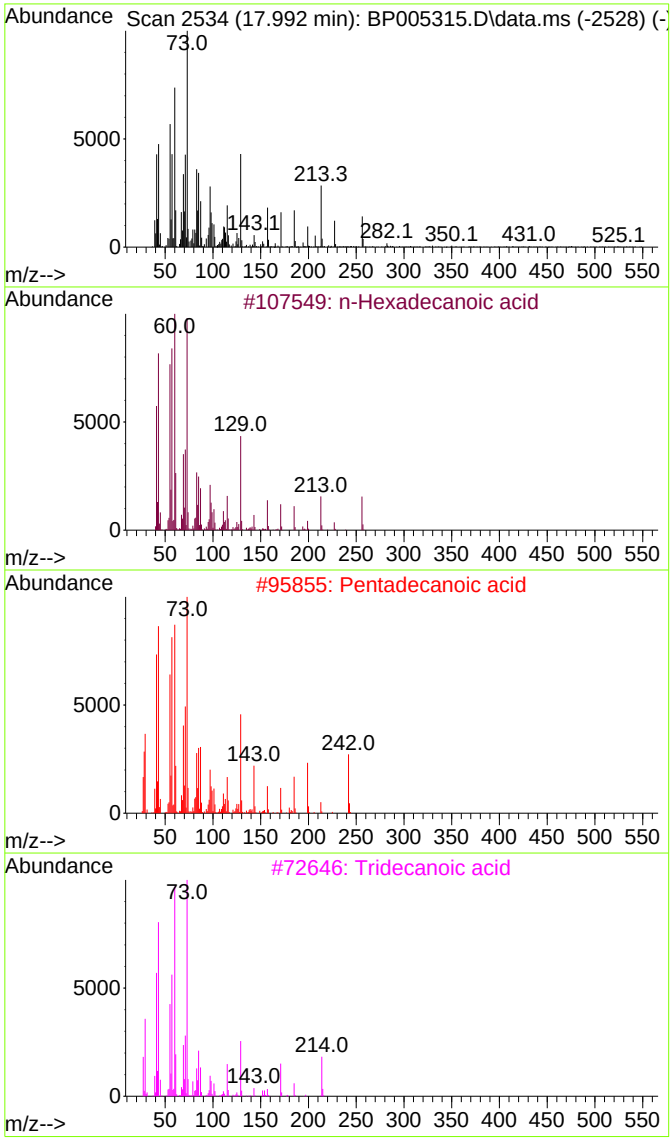
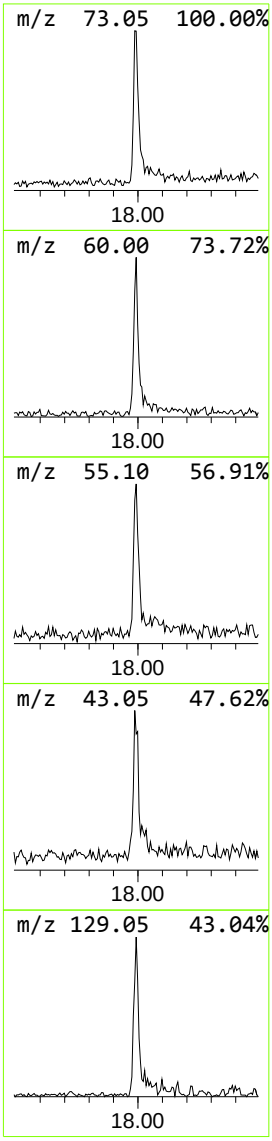
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.992 | 4.35 ng | 62119 | Phenanthrene-d10 | 17.092 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 89 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 76 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 50 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 38 |



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Operator : CG/JU
Sample : M2049-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SB-09-0-2.0

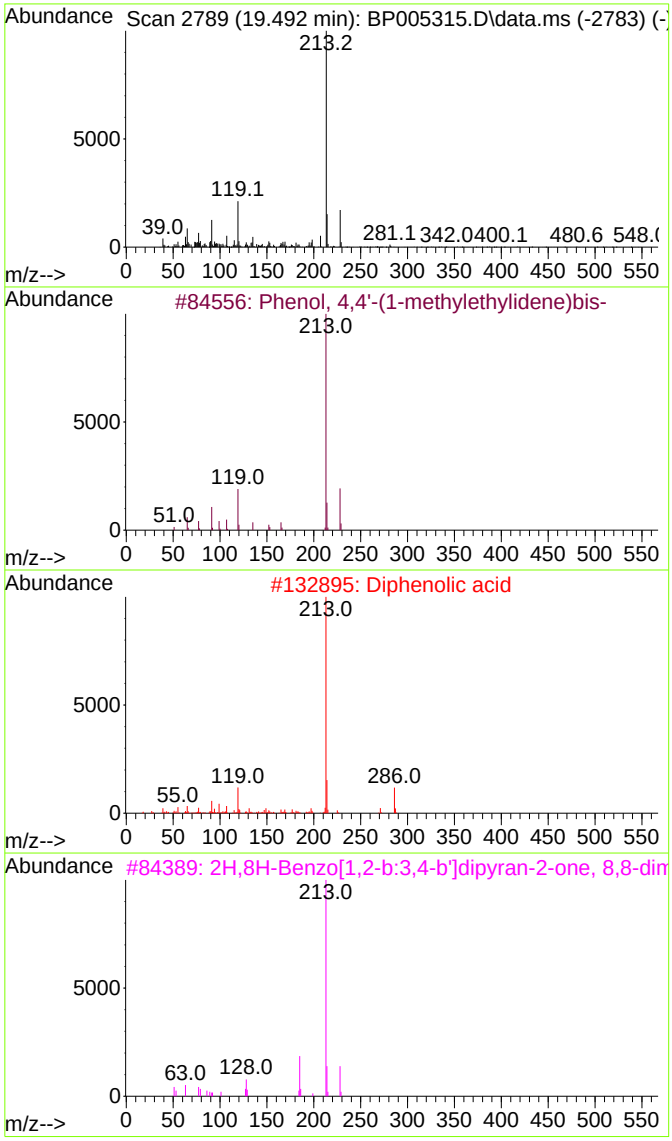
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

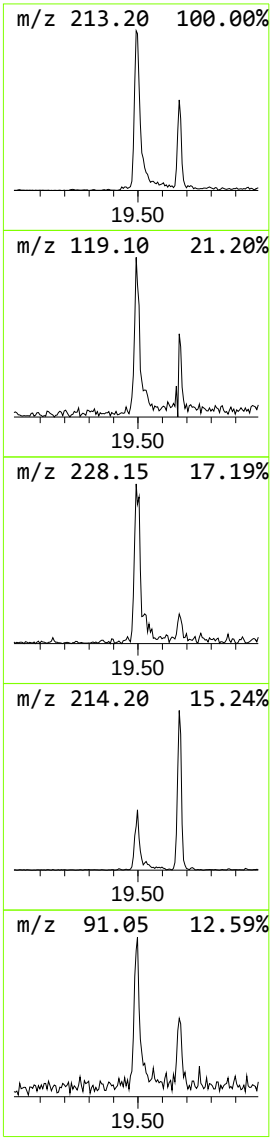
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.492 | 2.88 ng | 77044 | Chrysene-d12 | 21.192 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 91 |
| 2 | Diphenolic acid | 286 | C17H18O4 | 000126-00-1 | 59 |
| 3 | 2H,8H-Benzo[1,2-b:3,4-b']dipyran... | 228 | C14H12O3 | 000523-59-1 | 58 |
| 4 | 2H,8H-Benzo[1,2-b:5,4-b']dipyran... | 228 | C14H12O3 | 000553-19-5 | 53 |
| 5 | 4-Hydroxy-.gamma.-(4-hydroxyphen... | 300 | C18H20O4 | 007297-85-0 | 50 |



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Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SB-09-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
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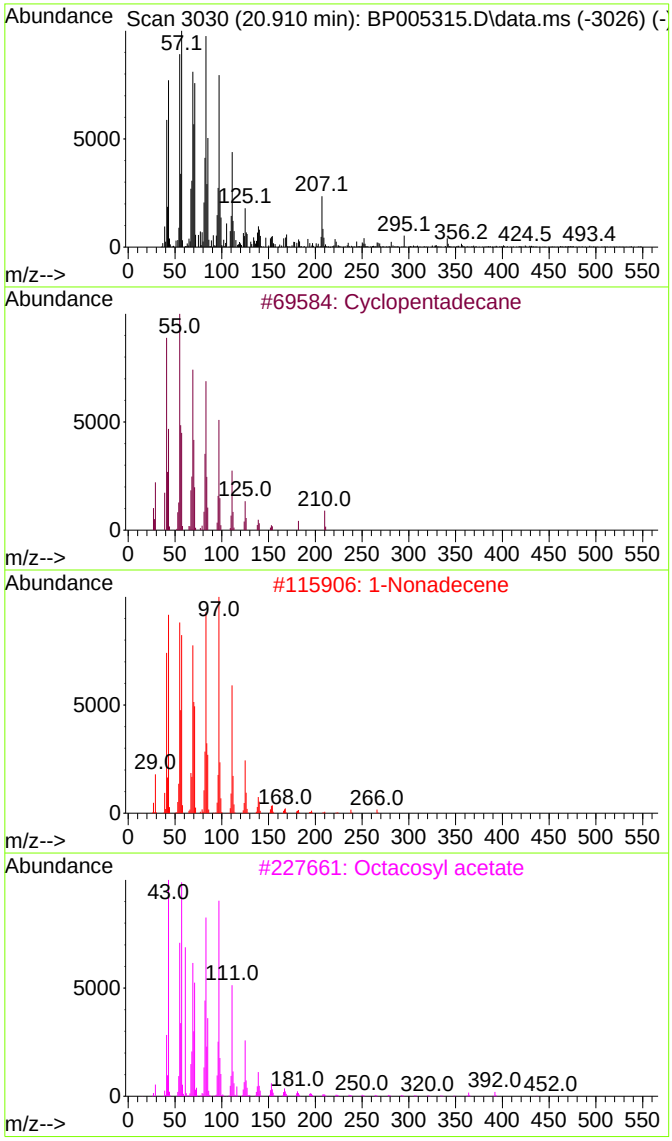
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

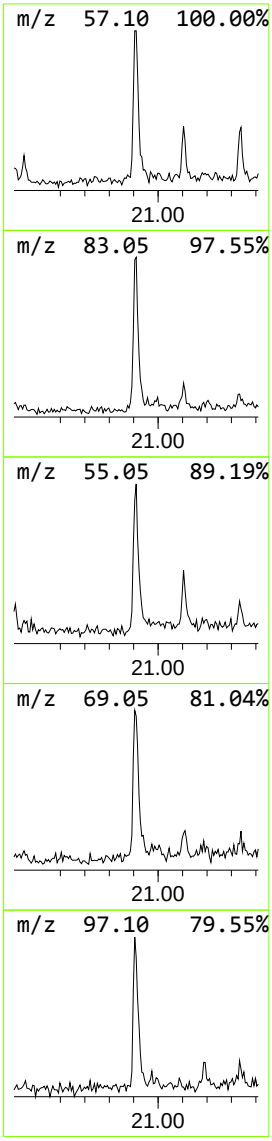
**********

Peak Number 3 Cyclopentadecane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.910 | 4.91 ng | 131291 | Chrysene-d12 | 21.192 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 97 |
| 2 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 92 |
| 3 | Octacosyl acetate | 452 | C30H60O2 | 018206-97-8 | 92 |
| 4 | Cyclopentane, (4-octyldodecyl)- | 350 | C25H50 | 005638-09-5 | 90 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 90 |



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Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_P
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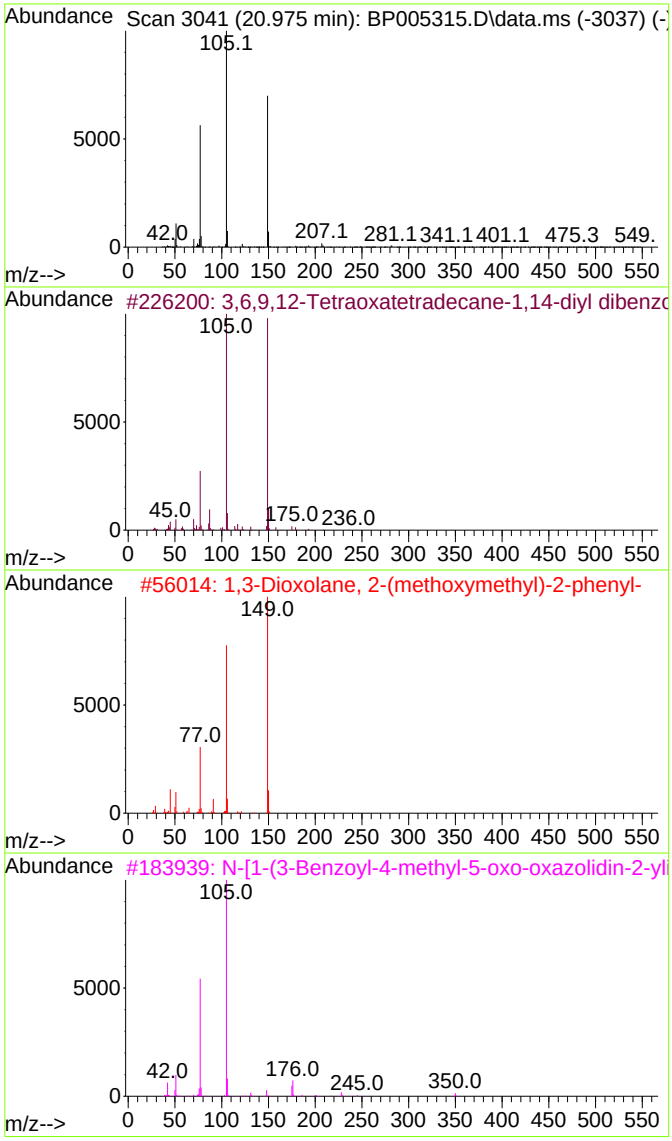
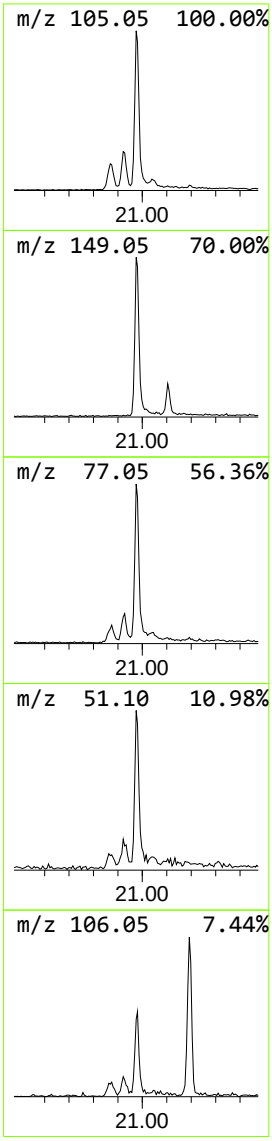
**********
Peak Number 4 3,6,9,12-Tetraoxatetradecan... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.975 | 7.26 ng | 193916 | Chrysene-d12 | 21.192 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,6,9,12-Tetraoxatetradecane-1,1... | 446 | C24H30O8 | 1000366-97-0 | 74 |
| 2 | 1,3-Dioxolane, 2-(methoxymethyl)... | 194 | C11H14O3 | 1000156-71-2 | 64 |
| 3 | N-[1-(3-Benzoyl-4-methyl-5-oxo-o... | 350 | C20H18N2O4 | 1000296-93-4 | 47 |
| 4 | .alpha.,.alpha.-Dichloroacetophe... | 188 | C8H6Cl2O | 002648-61-5 | 47 |
| 5 | Benzoic acid, pentafluorophenyl ... | 288 | C13H5F5O2 | 1000360-67-9 | 47 |



Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic ... | 17.992 | 4.3 | ng | 62119 | 4 | 17.092 | 285595 | 20.0 |
| Phenol, 4,4'-(1... | 19.492 | 2.9 | ng | 77044 | 5 | 21.192 | 534292 | 20.0 |
| Cyclopentadecane | 20.910 | 4.9 | ng | 131291 | 5 | 21.192 | 534292 | 20.0 |
| 3,6,9,12-Tetrao... | 20.975 | 7.3 | ng | 193916 | 5 | 21.192 | 534292 | 20.0 |