LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128371.D
Acq On : 20 May 2022 18:39
Operator : CG\JU
Sample : N2943-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-42

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_F\Methods\8270-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128371.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.087 | 473 | 476 | 492 | rVB | 242419 | 273612 | 8.32% | 1.508% |
| 2 | 5.487 | 540 | 544 | 554 | rBV | 1527638 | 1465330 | 44.54% | 8.074% |
| 3 | 6.487 | 710 | 714 | 727 | rBV | 1422601 | 1276900 | 38.81% | 7.036% |
| 4 | 6.598 | 730 | 733 | 741 | rVB | 38704 | 38323 | 1.16% | 0.211% |
| 5 | 6.857 | 773 | 777 | 784 | rBV | 676835 | 614008 | 18.66% | 3.383% |
| 6 | 7.422 | 868 | 873 | 876 | rBV | 1828078 | 1905486 | 57.91% | 10.500% |
| 7 | 8.140 | 990 | 995 | 998 | rBV | 881601 | 805096 | 24.47% | 4.436% |
| 8 | 9.216 | 1172 | 1178 | 1181 | rBV | 3388544 | 3290274 | 100.00% | 18.130% |
| 9 | 9.898 | 1288 | 1294 | 1297 | rBV | 1021353 | 927780 | 28.20% | 5.112% |
| 10 | 10.692 | 1424 | 1429 | 1438 | rBV | 2127087 | 2045095 | 62.16% | 11.269% |
| 11 | 11.392 | 1544 | 1548 | 1551 | rBV | 1006060 | 915740 | 27.83% | 5.046% |
| 12 | 11.769 | 1609 | 1612 | 1616 | rVB | 65508 | 50455 | 1.53% | 0.278% |
| 13 | 11.910 | 1633 | 1636 | 1645 | rBV2 | 142127 | 170261 | 5.17% | 0.938% |
| 14 | 12.698 | 1767 | 1770 | 1775 | rBV2 | 33719 | 37925 | 1.15% | 0.209% |
| 15 | 12.980 | 1813 | 1818 | 1821 | rBV | 3078363 | 2750620 | 83.60% | 15.156% |
| 16 | 13.898 | 1971 | 1974 | 1983 | rVB | 101661 | 170392 | 5.18% | 0.939% |
| 17 | 14.039 | 1994 | 1998 | 2002 | rBV | 663701 | 577123 | 17.54% | 3.180% |
| 18 | 14.139 | 2009 | 2015 | 2018 | rBV | 76628 | 86690 | 2.63% | 0.478% |
| 19 | 14.486 | 2071 | 2074 | 2079 | rBV | 42417 | 44205 | 1.34% | 0.244% |
| 20 | 14.792 | 2123 | 2126 | 2129 | rBV | 36227 | 36161 | 1.10% | 0.199% |
| 21 | 14.869 | 2136 | 2139 | 2144 | rVB | 34346 | 36116 | 1.10% | 0.199% |
| 22 | 15.133 | 2181 | 2184 | 2191 | rVB | 38690 | 48325 | 1.47% | 0.266% |
| 23 | 15.527 | 2245 | 2251 | 2260 | rVB | 420064 | 542301 | 16.48% | 2.988% |
| 24 | 15.957 | 2320 | 2324 | 2331 | rVB2 | 26323 | 40028 | 1.22% | 0.221% |

Sum of corrected areas: 18148246

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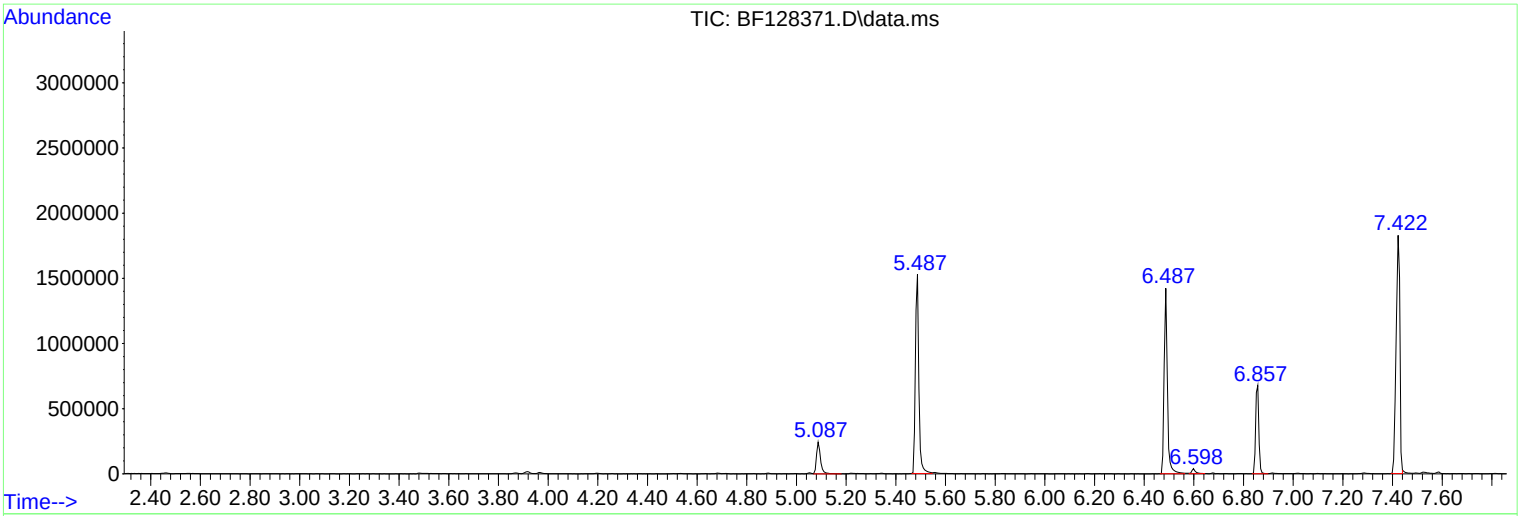
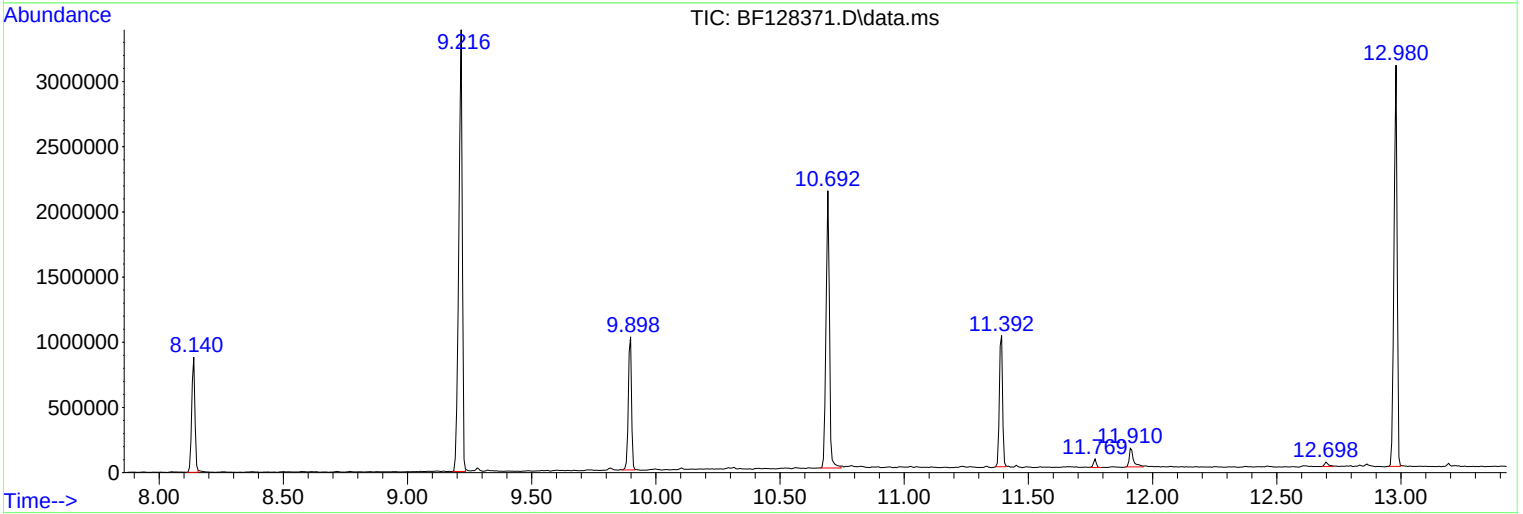
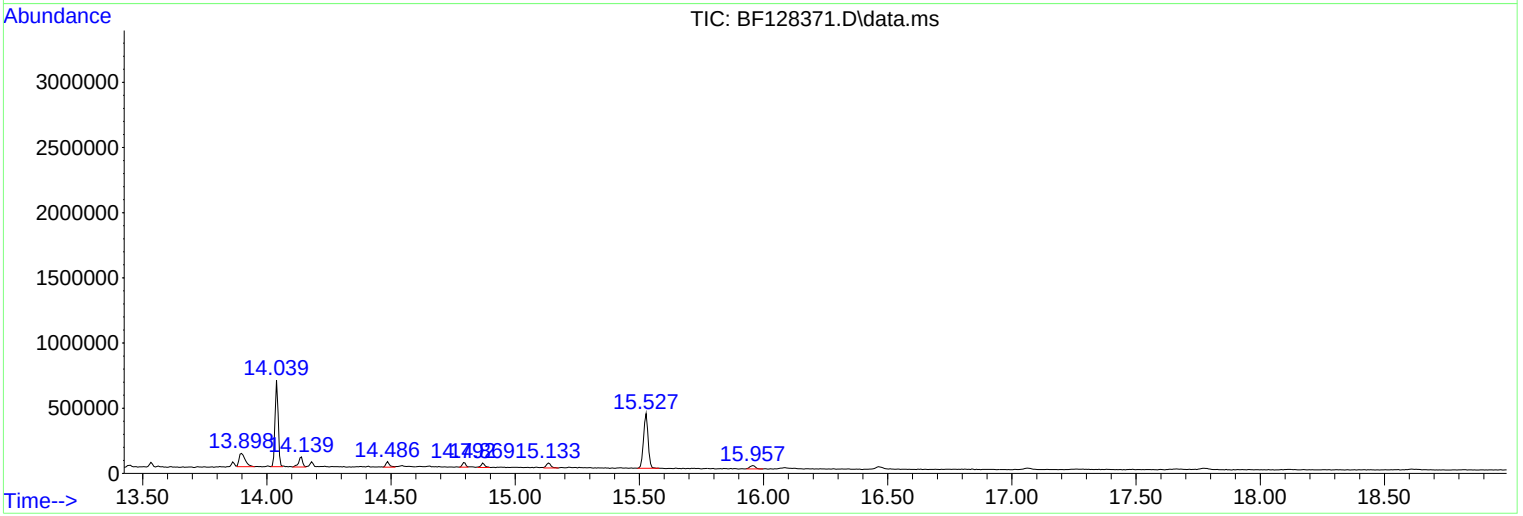
**ClientSampleId :**
MW-42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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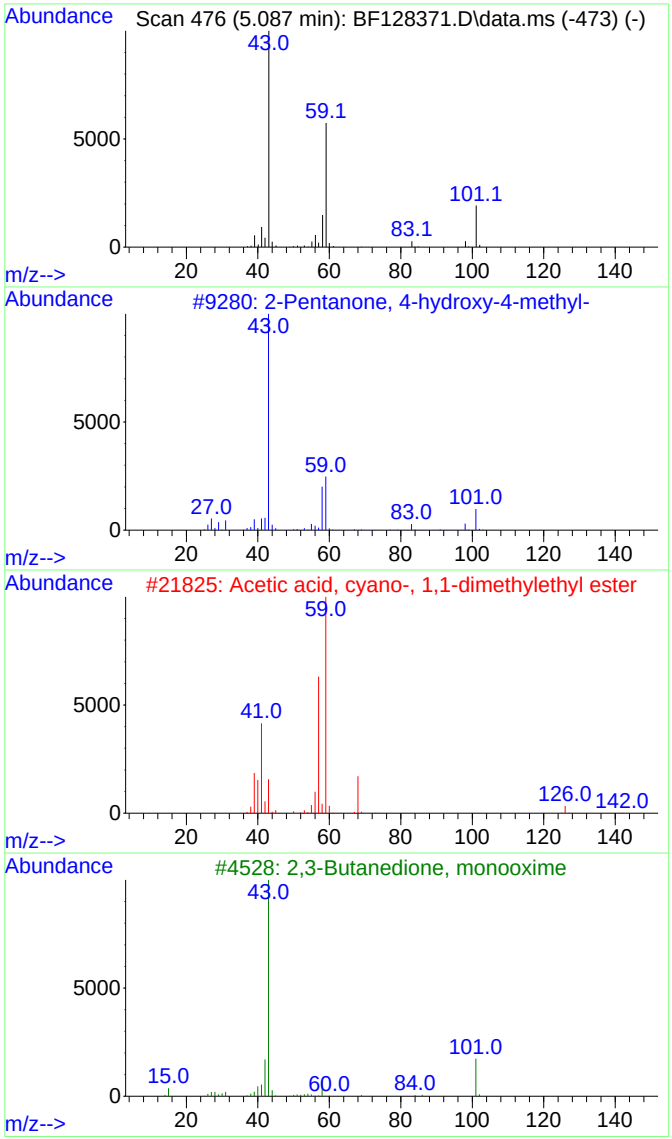
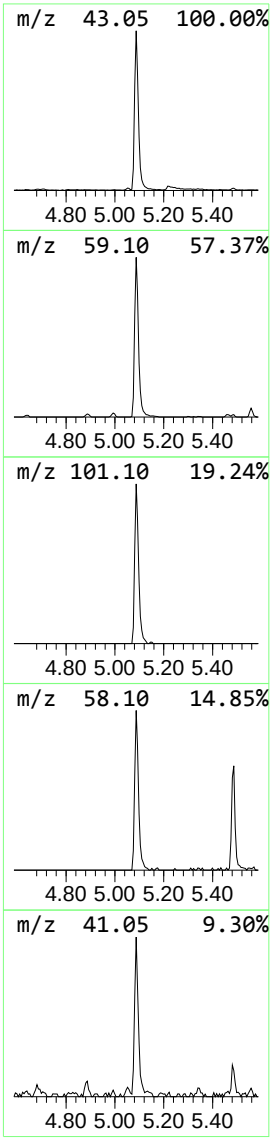
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.087 | 8.91 ng | 273612 | 1,4-Dichlorobenzene-d4 | 6.857 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |
| 5 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |



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Sample : N2943-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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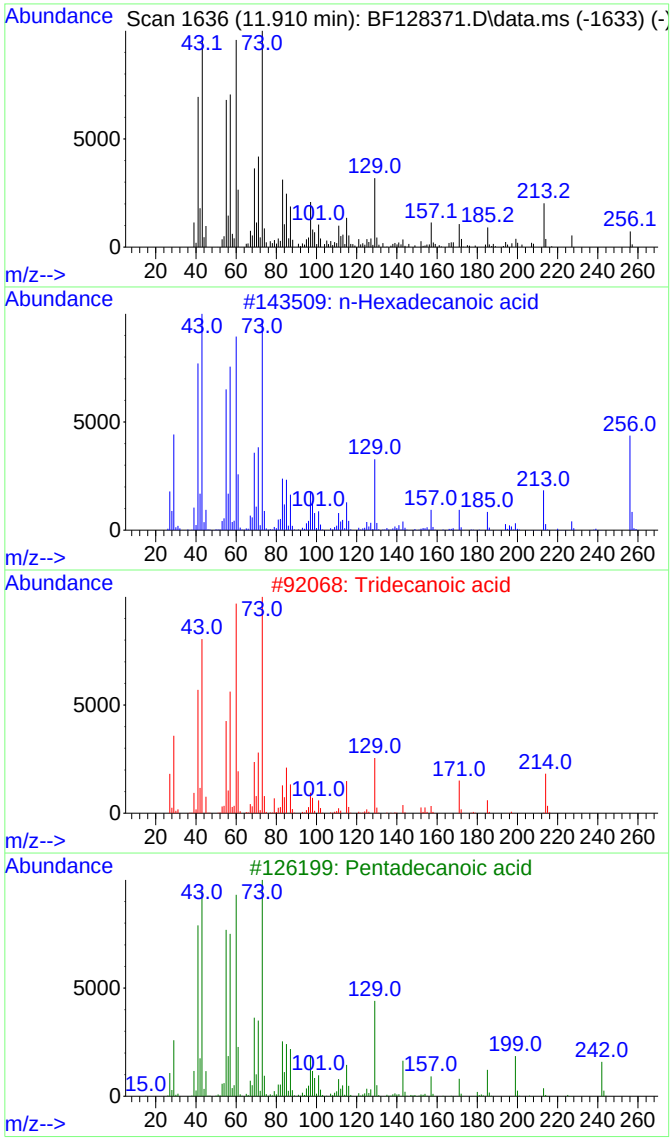
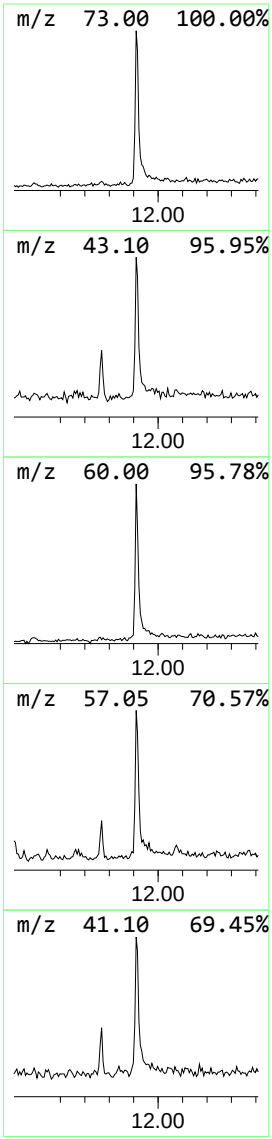
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.910 | 3.72 ng | 170261 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 70 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 53 |
| 5 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 35 |



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Sample : N2943-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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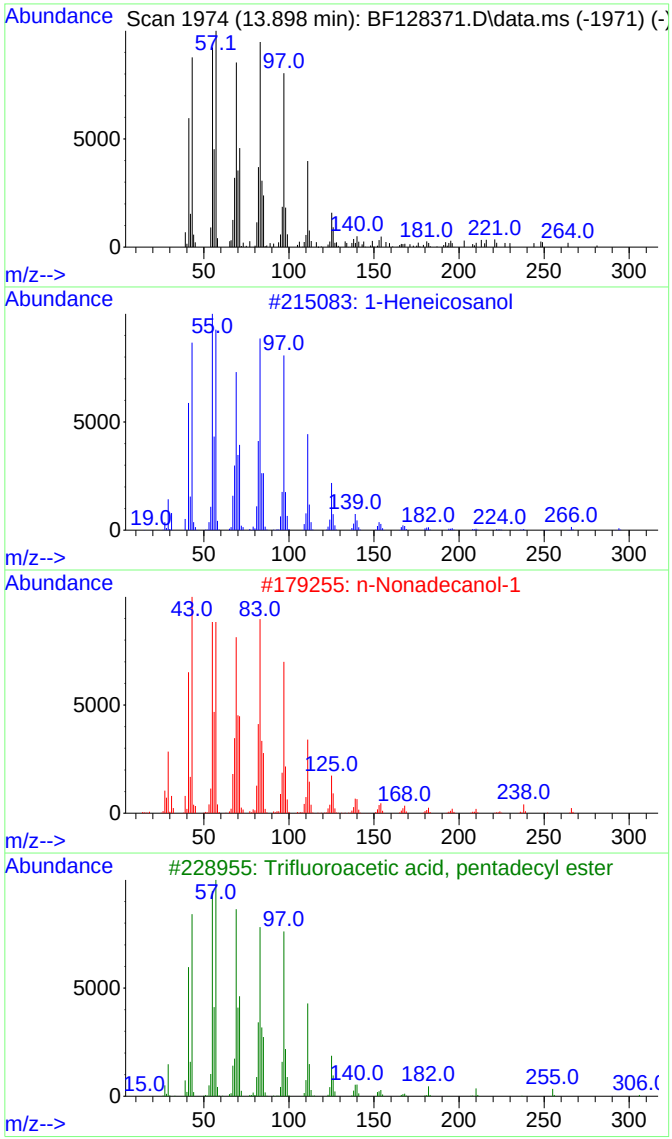
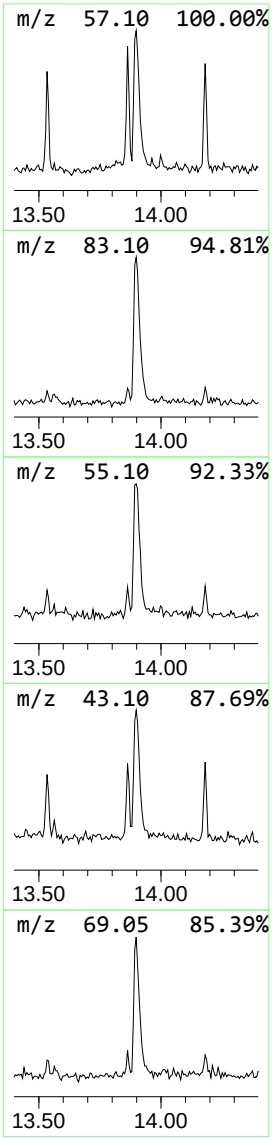
Peak Number 3 1-Heneicosanol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.898 | 5.90 ng | 170392 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 3 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |



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BNA_F
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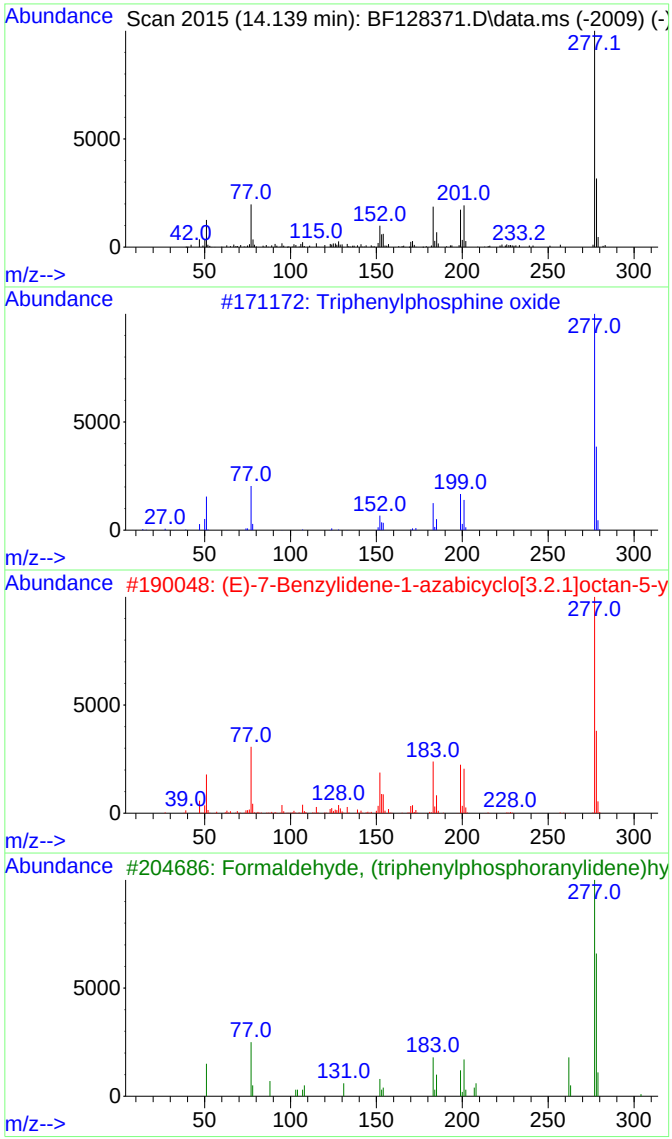
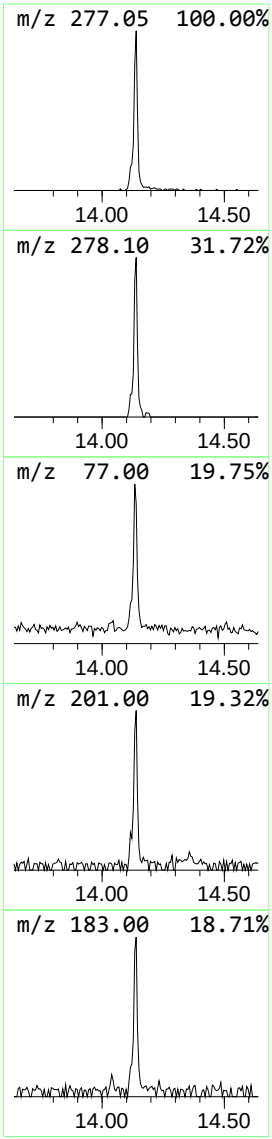
Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.139 | 3.00 ng | 86690 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 98 |
| 2 | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19NO3S | 1000483-83-4 | 86 |
| 3 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 56 |
| 4 | Cobalt,(.eta.<5>-2,4-cyclopentad... | 277 | C16H15BCo | 036682-12-9 | 43 |
| 5 | 5-Methyl-8-phenylfuro[3',2':5,6]... | 277 | C16H11N3O2 | 1000460-07-9 | 33 |



Tentatively Identified Compound (LSC) summary

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 5.087 | 8.9 | ng | 273612 | 1 | 6.857 | 614008 | 20.0 |
| n-Hexadecanoic ... | 11.910 | 3.7 | ng | 170261 | 4 | 11.392 | 915740 | 20.0 |
| 1-Heneicosanol | 13.898 | 5.9 | ng | 170392 | 5 | 14.039 | 577123 | 20.0 |
| Triphenylphosph... | 14.139 | 3.0 | ng | 86690 | 5 | 14.039 | 577123 | 20.0 |