LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142675.D
Acq On : 07 Jun 2025 07:03
Operator : RC/JU
Sample : Q2228-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP08-MHI-WC

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142675.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.104 | 486 | 495 | 507 | rBV | 147794 | 212652 | 9.69% | 1.399% |
| 2 | 5.510 | 558 | 564 | 569 | rBV | 1354735 | 1771675 | 80.76% | 11.659% |
| 3 | 6.516 | 729 | 735 | 764 | rBV | 1410692 | 1892490 | 86.27% | 12.454% |
| 4 | 6.892 | 794 | 799 | 804 | rBV | 581278 | 708973 | 32.32% | 4.665% |
| 5 | 7.451 | 888 | 894 | 912 | rBV | 875556 | 1174931 | 53.56% | 7.732% |
| 6 | 8.175 | 1012 | 1017 | 1025 | rBV | 717703 | 920622 | 41.97% | 6.058% |
| 7 | 9.251 | 1194 | 1200 | 1210 | rBV | 1766012 | 2193722 | 100.00% | 14.436% |
| 8 | 9.933 | 1310 | 1316 | 1325 | rBV | 780103 | 965375 | 44.01% | 6.353% |
| 9 | 10.645 | 1432 | 1437 | 1444 | rBV | 162319 | 201183 | 9.17% | 1.324% |
| 10 | 10.722 | 1444 | 1450 | 1463 | rBV | 902955 | 1153515 | 52.58% | 7.591% |
| 11 | 11.422 | 1564 | 1569 | 1577 | rBV | 583856 | 749556 | 34.17% | 4.933% |
| 12 | 11.939 | 1650 | 1657 | 1672 | rBV2 | 66423 | 125306 | 5.71% | 0.825% |
| 13 | 12.669 | 1778 | 1781 | 1786 | rVB | 21793 | 25741 | 1.17% | 0.169% |
| 14 | 12.821 | 1803 | 1807 | 1811 | rBV | 47525 | 57850 | 2.64% | 0.381% |
| 15 | 13.004 | 1833 | 1838 | 1848 | rBV | 1201875 | 1533112 | 69.89% | 10.089% |
| 16 | 13.527 | 1923 | 1927 | 1931 | rBV | 34682 | 43586 | 1.99% | 0.287% |
| 17 | 13.898 | 1986 | 1990 | 2008 | rVB | 40630 | 74059 | 3.38% | 0.487% |
| 18 | 14.063 | 2013 | 2018 | 2032 | rVB | 507341 | 677519 | 30.88% | 4.458% |
| 19 | 15.557 | 2266 | 2272 | 2285 | rBV | 440910 | 714401 | 32.57% | 4.701% |

Sum of corrected areas: 15196268

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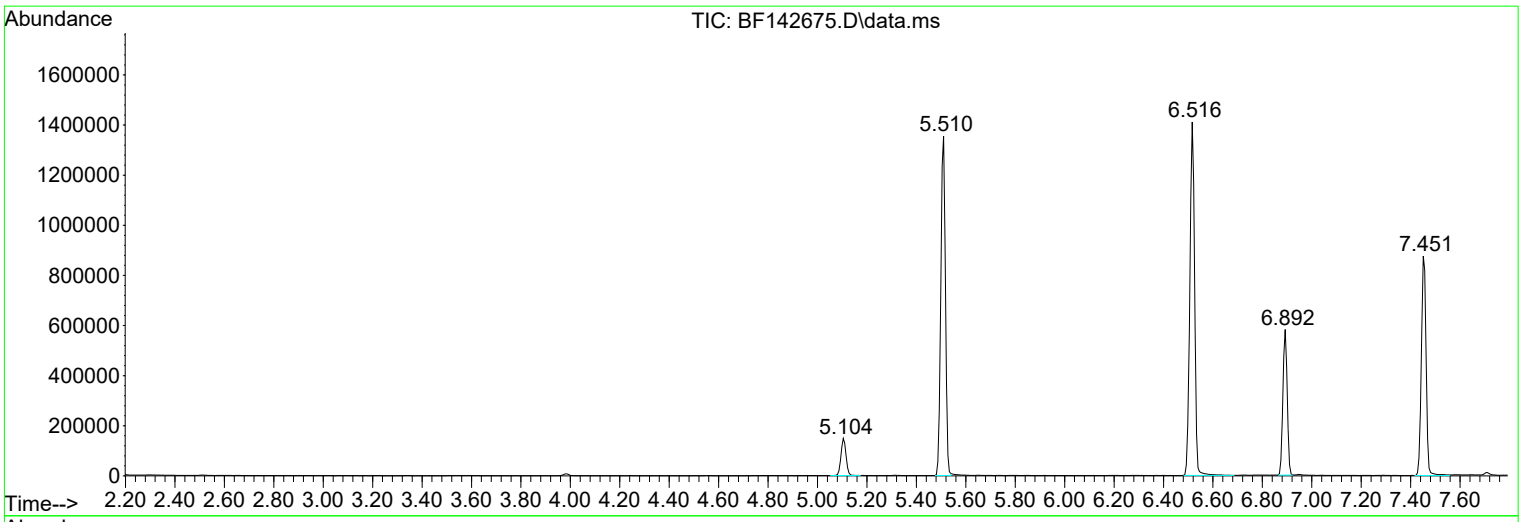
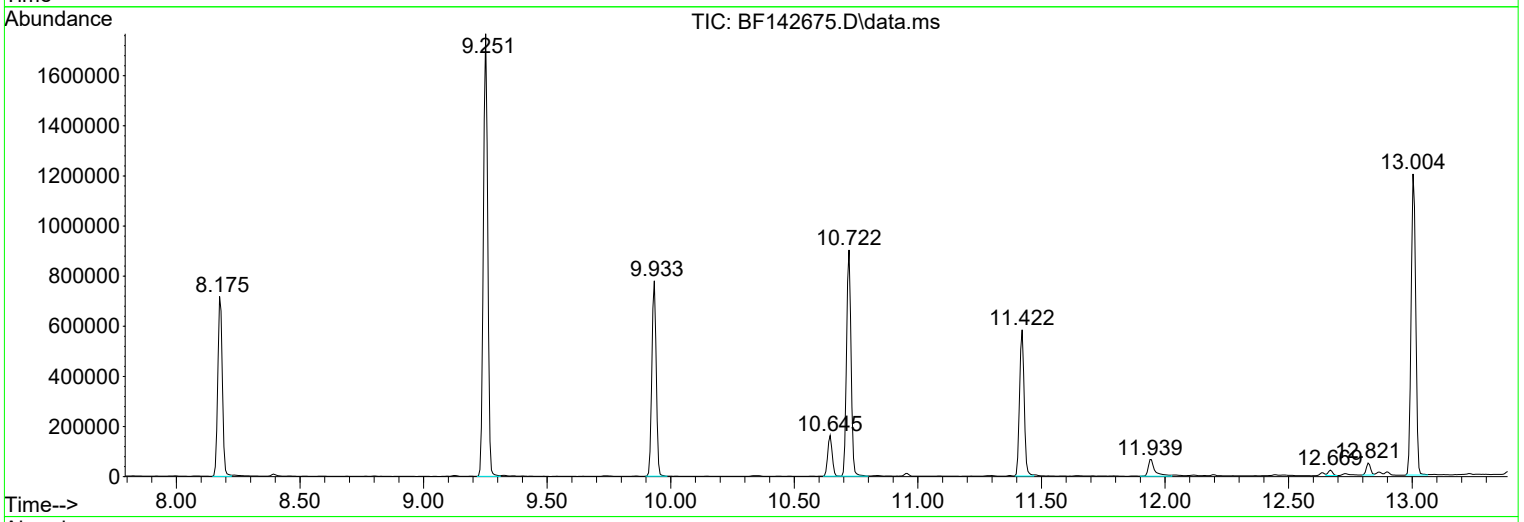
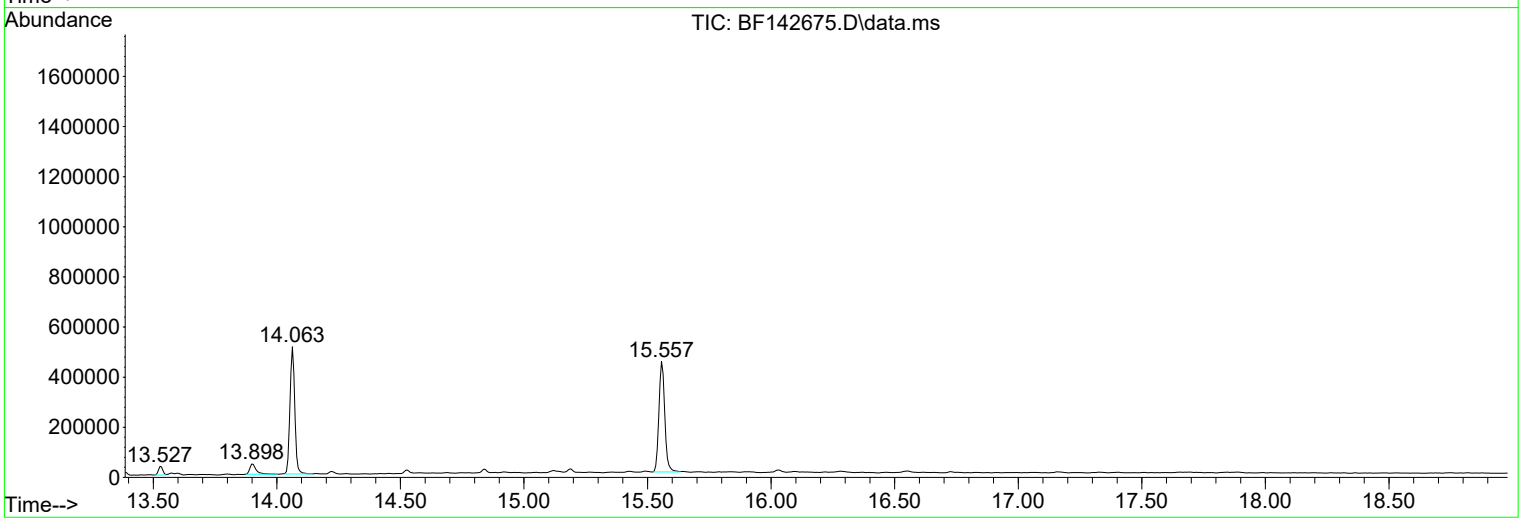
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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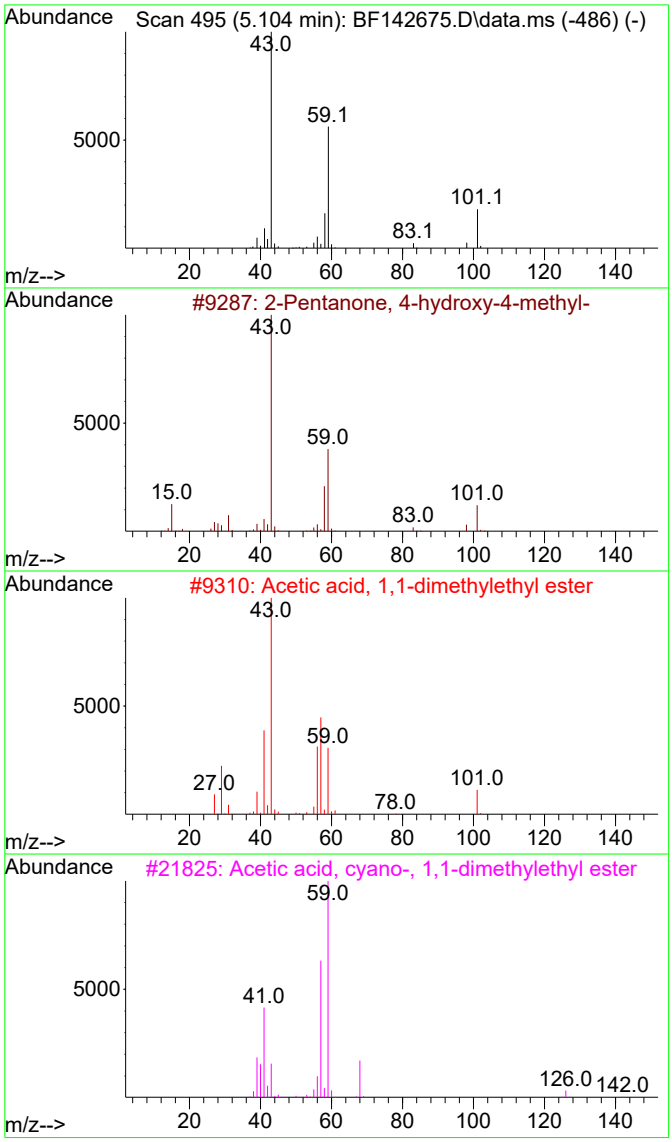
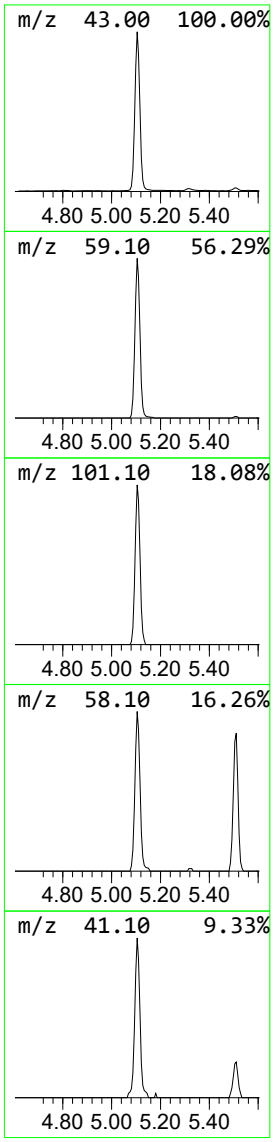
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.104 | 6.00 ng | 212652 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 28 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |
| 5 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |



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BNA_F
**ClientSampleId :**
TP08-MHI-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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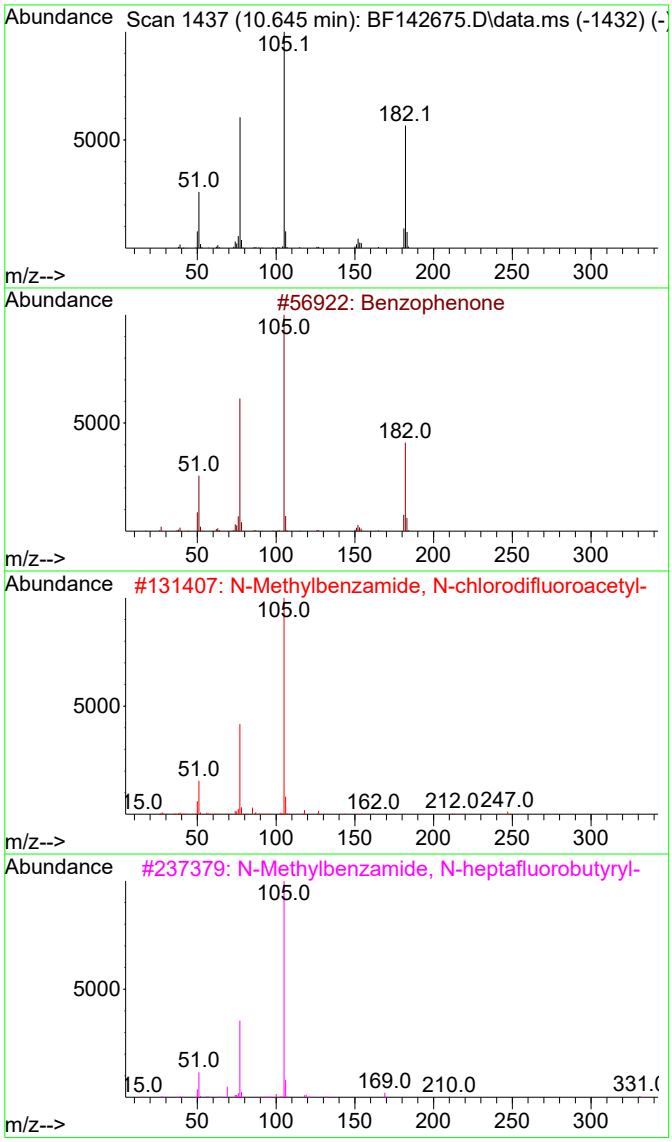
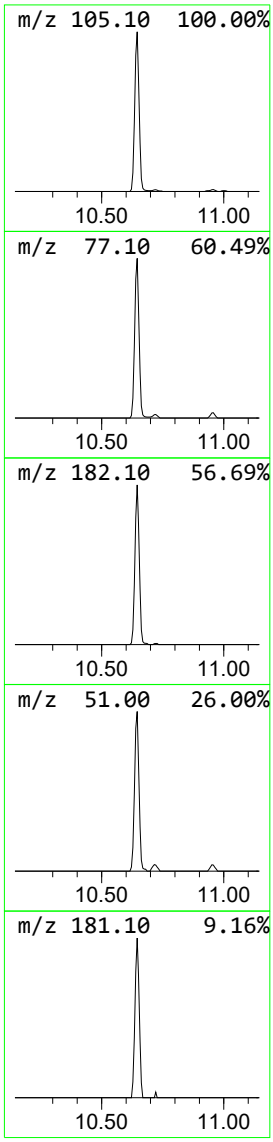
Peak Number 2 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.645 | 4.17 ng | 201183 | Acenaphthene-d10 | 9.933 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | N-Methylbenzamide, N-chlorodiflu... | 247 | C10H8ClF2NO2 | 1000446-98-2 | 47 |
| 3 | N-Methylbenzamide, N-heptafluoro... | 331 | C12H8F7NO2 | 1000446-97-2 | 47 |
| 4 | Benzoyl bromide | 184 | C7H5BrO | 000618-32-6 | 47 |
| 5 | Vinyl benzoate | 148 | C9H8O2 | 000769-78-8 | 47 |



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Sample : Q2228-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP08-MHI-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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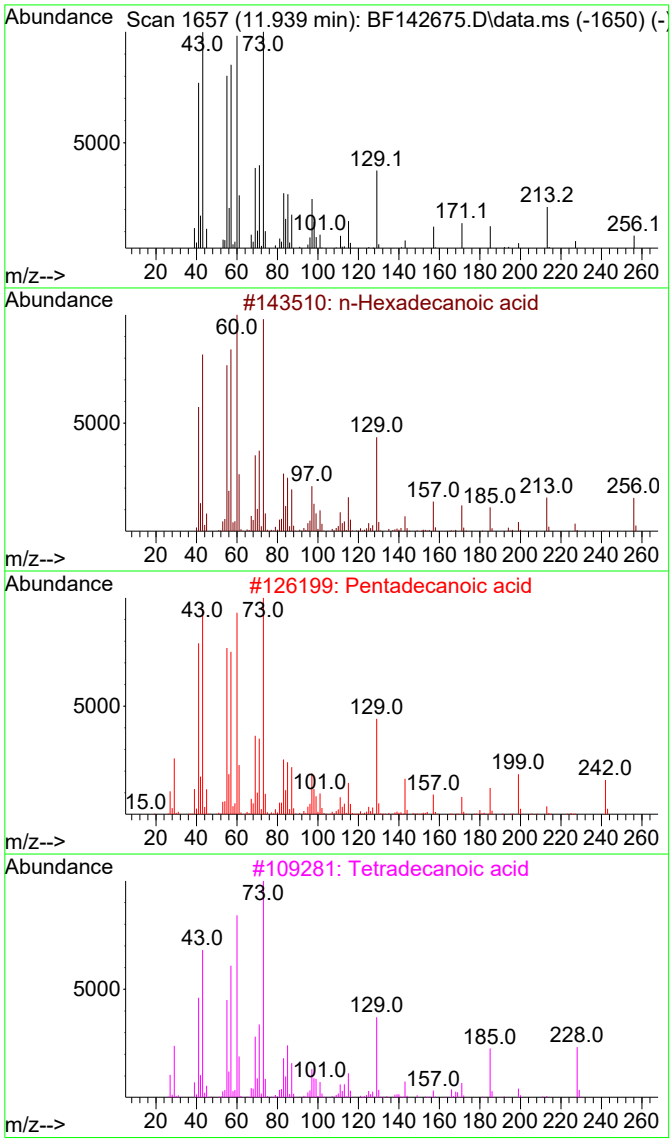
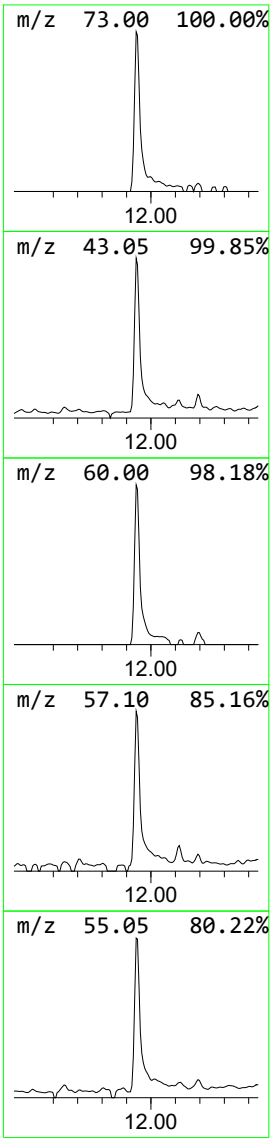
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.939 | 3.34 ng | 125306 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 83 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 80 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 70 |
| 5 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 38 |



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BNA_F
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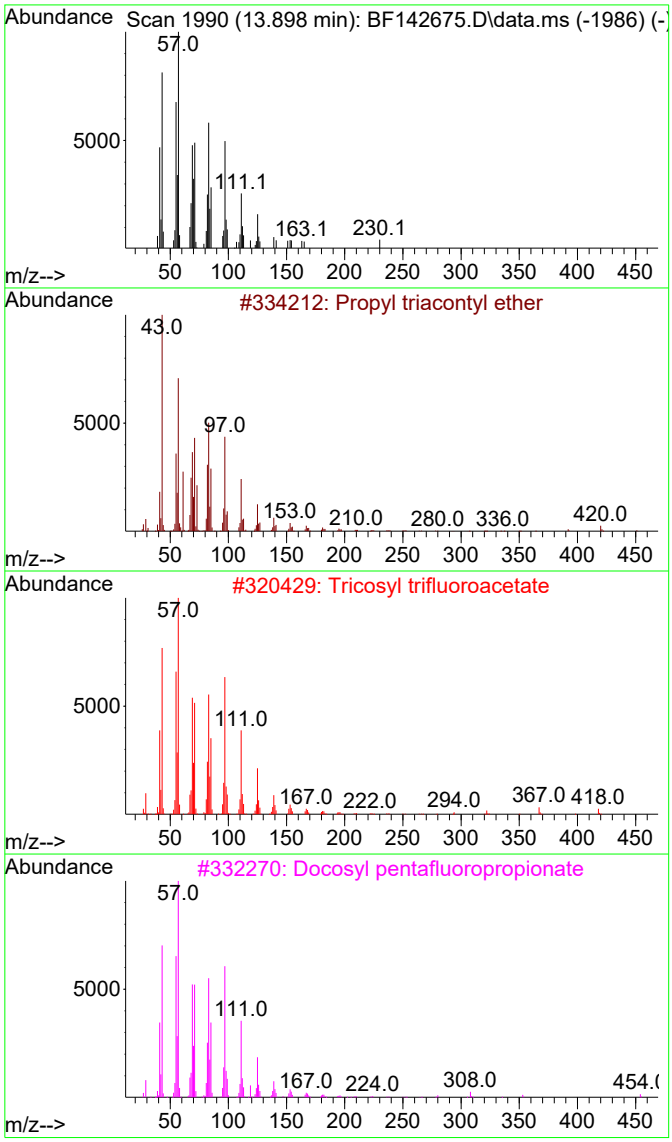
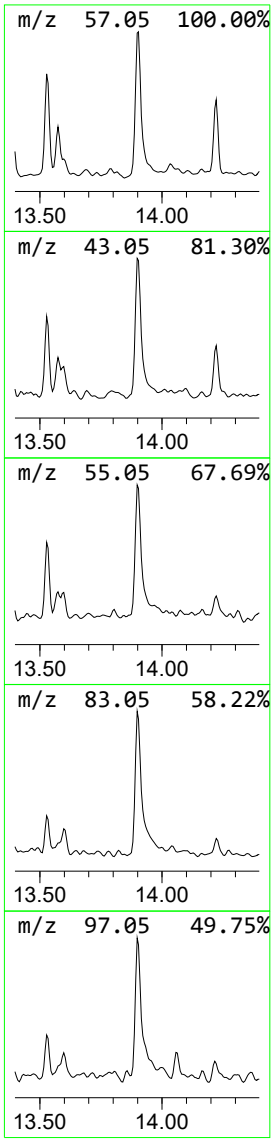
**********

Peak Number 4 Propyl triacontyl ether Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.898 | 2.19 ng | 74059 | Chrysene-d12 | 14.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propyl triacontyl ether | 481 | C33H68O | 1000406-28-6 | 91 |
| 2 | Tricosyl trifluoroacetate | 436 | C25H47F3O2 | 1000351-75-1 | 91 |
| 3 | Docosyl pentafluoropropionate | 472 | C25H45F5O2 | 1000351-80-9 | 90 |
| 4 | Heneicosyl heptafluorobutyrate | 508 | C25H43F7O2 | 1000351-83-8 | 90 |
| 5 | Tetracosyl heptafluorobutyrate | 550 | C28H49F7O2 | 1000351-83-7 | 90 |



Tentatively Identified Compound (LSC) summary

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BNA_F
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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 5.104 | 6.0 | ng | 212652 | 1 | 6.892 | 708973 | 20.0 |
| Benzophenone | 10.645 | 4.2 | ng | 201183 | 3 | 9.933 | 965375 | 20.0 |
| n-Hexadecanoic ... | 11.939 | 3.3 | ng | 125306 | 4 | 11.422 | 749556 | 20.0 |
| Propyl triacont... | 13.898 | 2.2 | ng | 74059 | 5 | 14.063 | 677519 | 20.0 |