LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142506.D
Acq On : 22 May 2025 13:11
Operator : RC/JU
Sample : Q2074-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-18

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: BF142506.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.116 | 486 | 497 | 505 | rBV | 137232 | 207101 | 9.41% | 1.270% |
| 2 | 5.510 | 558 | 564 | 569 | rBV | 1389343 | 1835699 | 83.45% | 11.254% |
| 3 | 6.516 | 728 | 735 | 749 | rBV | 1416255 | 1951034 | 88.69% | 11.962% |
| 4 | 6.898 | 794 | 800 | 805 | rBV | 508449 | 645890 | 29.36% | 3.960% |
| 5 | 7.457 | 888 | 895 | 900 | rBV | 860646 | 1133311 | 51.52% | 6.948% |
| 6 | 7.710 | 933 | 938 | 943 | rBB | 27060 | 33193 | 1.51% | 0.204% |
| 7 | 8.181 | 1012 | 1018 | 1034 | rBV | 667002 | 862162 | 39.19% | 5.286% |
| 8 | 8.392 | 1049 | 1054 | 1061 | rVB2 | 17080 | 23042 | 1.05% | 0.141% |
| 9 | 9.251 | 1194 | 1200 | 1205 | rBV | 1729083 | 2199760 | 100.00% | 13.486% |
| 10 | 9.934 | 1311 | 1316 | 1321 | rBV | 780223 | 964739 | 43.86% | 5.915% |
| 11 | 10.645 | 1432 | 1437 | 1444 | rBV | 183266 | 227090 | 10.32% | 1.392% |
| 12 | 10.722 | 1444 | 1450 | 1455 | rBV | 1243747 | 1578941 | 71.78% | 9.680% |
| 13 | 10.957 | 1479 | 1490 | 1495 | rBV2 | 18470 | 26902 | 1.22% | 0.165% |
| 14 | 11.422 | 1564 | 1569 | 1576 | rBV | 793753 | 996003 | 45.28% | 6.106% |
| 15 | 11.945 | 1651 | 1658 | 1670 | rBV2 | 129838 | 213476 | 9.70% | 1.309% |
| 16 | 12.198 | 1697 | 1701 | 1710 | rVB4 | 16989 | 23521 | 1.07% | 0.144% |
| 17 | 12.633 | 1771 | 1775 | 1784 | rBV | 17344 | 30592 | 1.39% | 0.188% |
| 18 | 12.727 | 1787 | 1791 | 1800 | rVV3 | 15545 | 26618 | 1.21% | 0.163% |
| 19 | 13.010 | 1833 | 1839 | 1844 | rBV | 1564594 | 2032369 | 92.39% | 12.460% |
| 20 | 13.904 | 1986 | 1991 | 2002 | rBV | 51974 | 104377 | 4.74% | 0.640% |
| 21 | 14.063 | 2009 | 2018 | 2028 | rVB | 435606 | 593491 | 26.98% | 3.639% |
| 22 | 15.557 | 2265 | 2272 | 2285 | rBV | 367513 | 601587 | 27.35% | 3.688% |

Sum of corrected areas: 16310898

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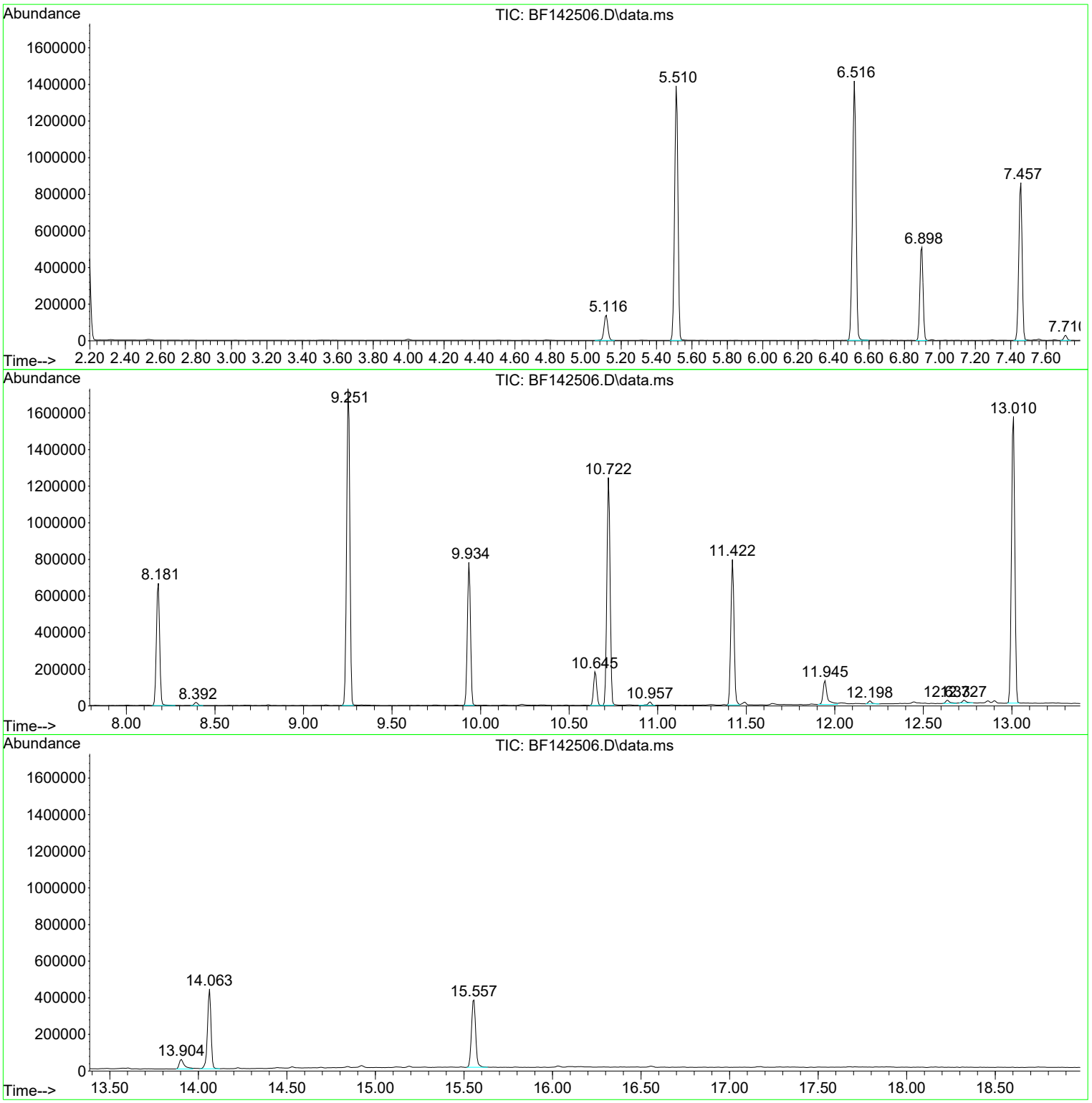
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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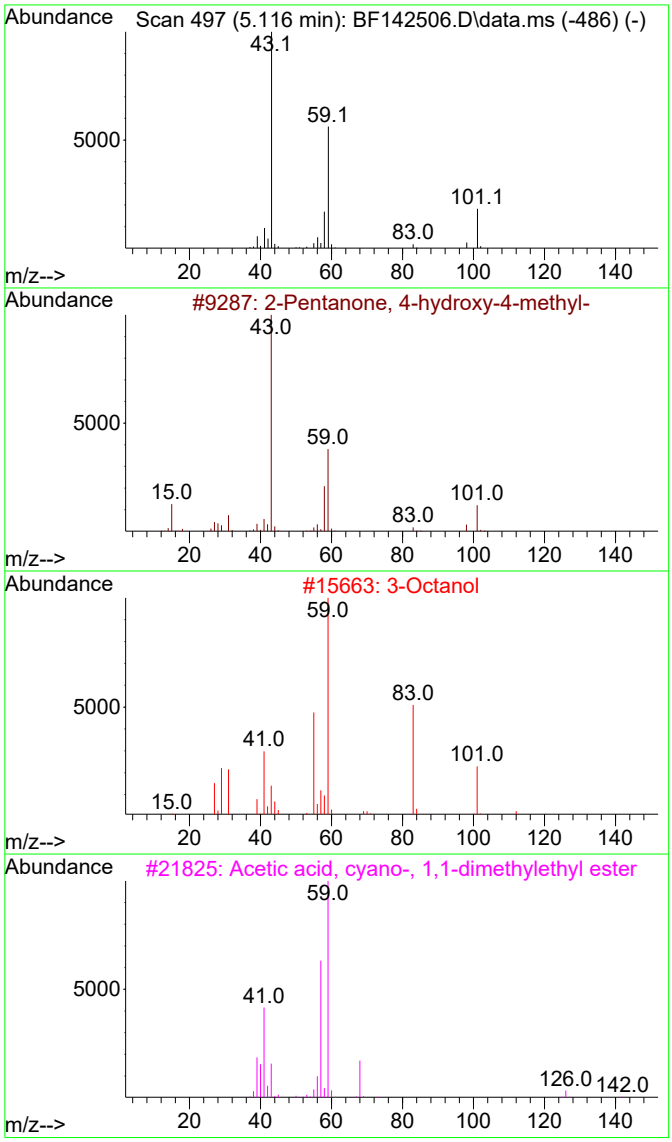
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

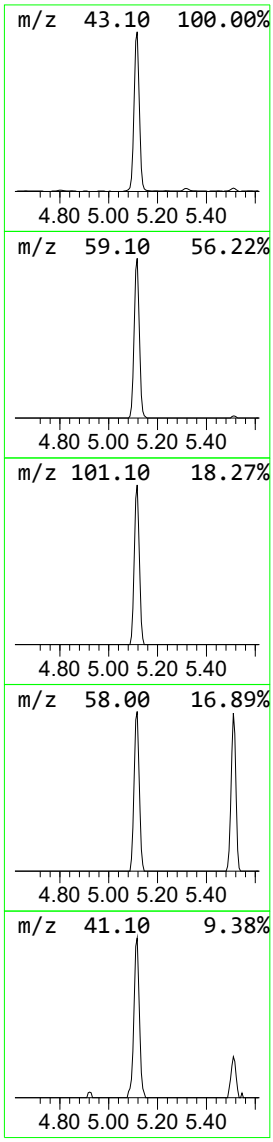
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.116 | 6.41 ng | 207101 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | 3-Octanol | 130 | C8H18O | 000589-98-0 | 36 |
| 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 | Butyl aldoxime, 3-methyl-, syn- | 101 | C5H11NO | 005780-40-5 | 9 |



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BNA_F
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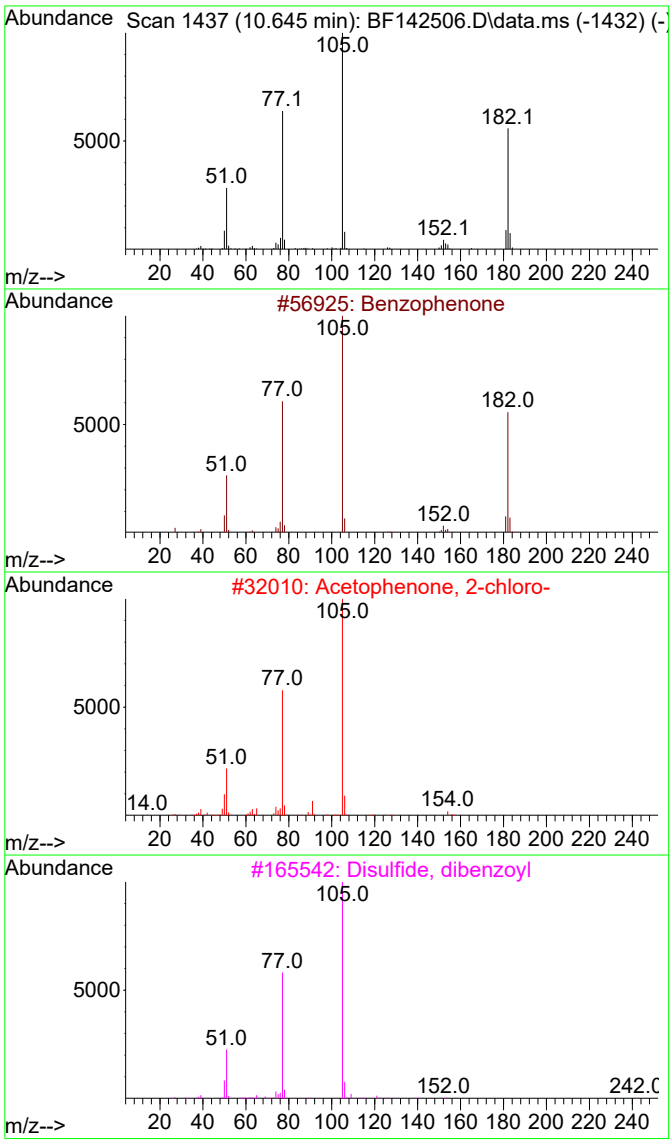
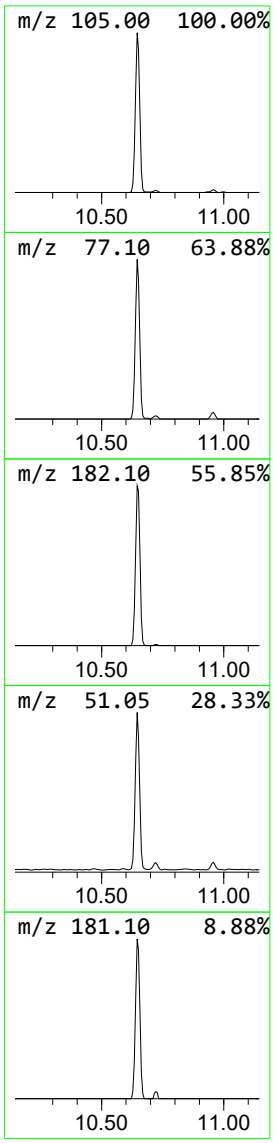
Peak Number 2 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.645 | 4.71 ng | 227090 | Acenaphthene-d10 | 9.934 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 49 |
| 3 | Disulfide, dibenzoyl | 274 | C14H10O2S2 | 000644-32-6 | 49 |
| 4 | Pentafluoroethyl phenyl ketone | 224 | C9H5F5O | 000394-52-5 | 47 |
| 5 | N-(1-Cyanovinyl)benzamide | 172 | C10H8N2O | 1000186-19-1 | 47 |



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Data File : BF142506.D
Acq On : 22 May 2025 13:11
Operator : RC/JU
Sample : Q2074-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Integration Parameters: LSCINT.P

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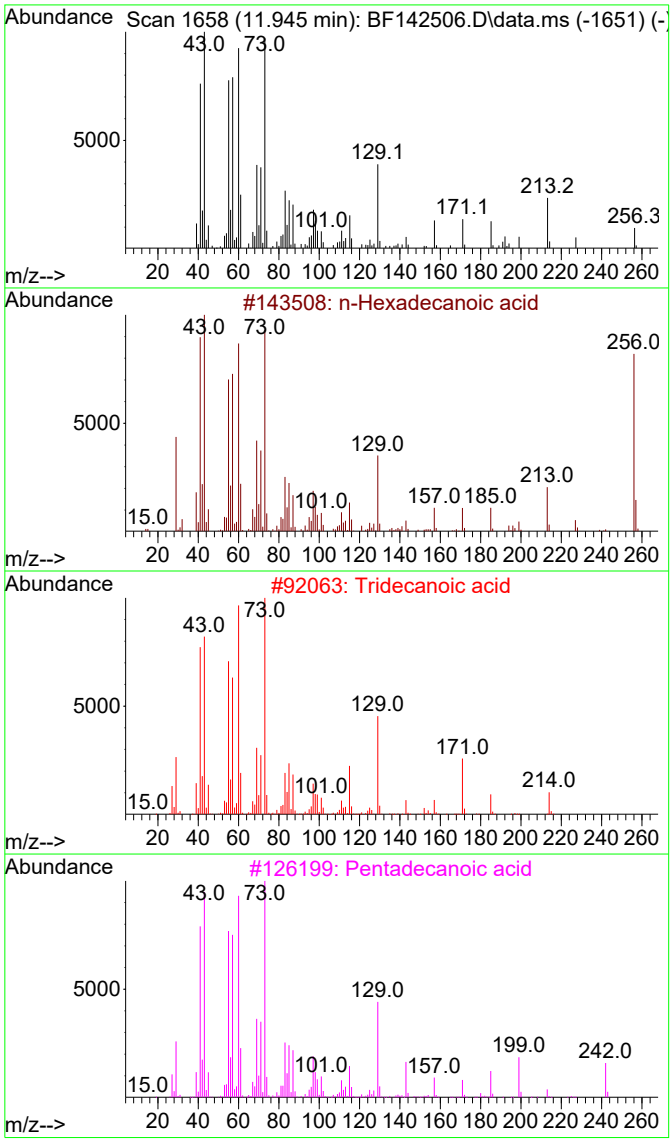
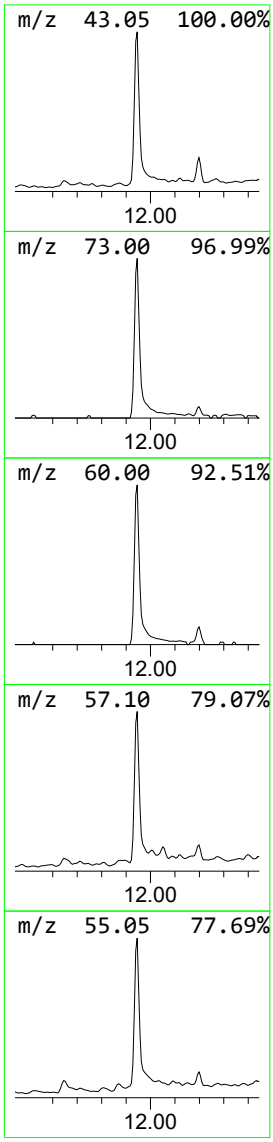
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.945 | 4.29 ng | 213476 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 58 |



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Sample : Q2074-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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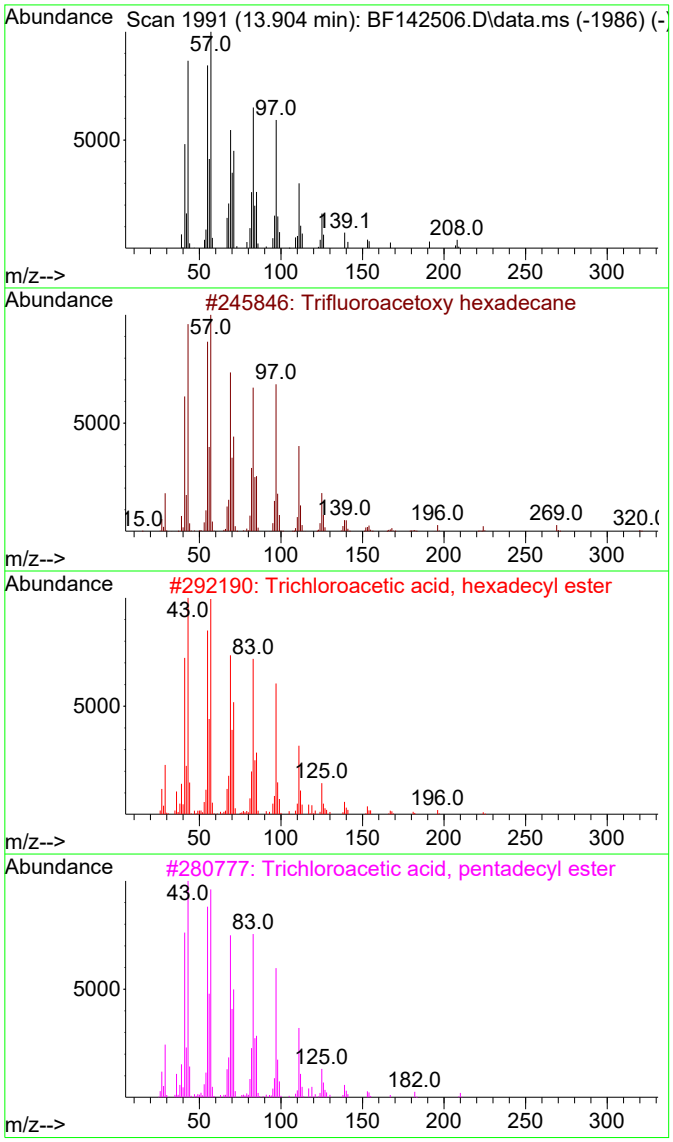
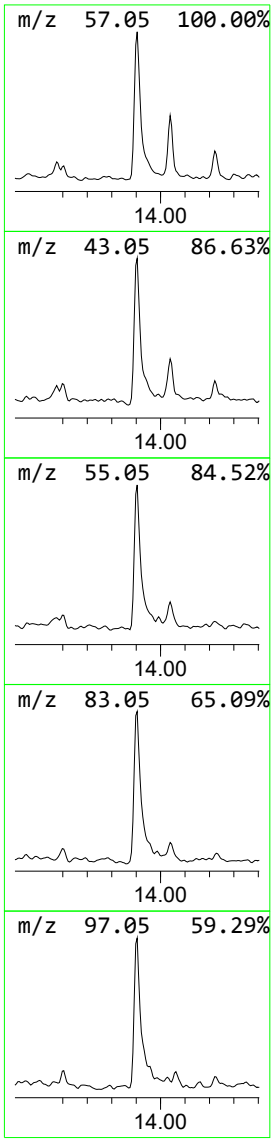
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.904 | 3.52 ng | 104377 | Chrysene-d12 | 14.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 95 |
| 2 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 95 |
| 3 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 94 |
| 4 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 5 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 91 |



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-... | 5.116 | 6.4 | ng | 207101 | 1 | 6.898 | 645890 | 20.0 |
| Benzophenone | 10.645 | 4.7 | ng | 227090 | 3 | 9.934 | 964739 | 20.0 |
| n-Hexadecanoic ... | 11.945 | 4.3 | ng | 213476 | 4 | 11.422 | 996003 | 20.0 |
| Trifluoroacetox... | 13.904 | 3.5 | ng | 104377 | 5 | 14.063 | 593491 | 20.0 |