LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140586.D
Acq On : 22 Nov 2024 19:01
Operator : RC/JU
Sample : P4925-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-758

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140586.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.122 | 3 | 5 | 16 | rVB | 610111 | 778056 | 46.34% | 6.271% |
| 2 | 5.499 | 574 | 579 | 594 | rVB | 1139662 | 1502757 | 89.51% | 12.111% |
| 3 | 6.122 | 680 | 685 | 691 | rBV5 | 9445 | 20312 | 1.21% | 0.164% |
| 4 | 6.404 | 729 | 733 | 741 | rBV4 | 11899 | 19982 | 1.19% | 0.161% |
| 5 | 6.510 | 745 | 751 | 764 | rBV | 1135088 | 1556053 | 92.68% | 12.541% |
| 6 | 6.869 | 808 | 812 | 818 | rVB | 427545 | 530561 | 31.60% | 4.276% |
| 7 | 7.140 | 852 | 858 | 862 | rVB4 | 10049 | 19824 | 1.18% | 0.160% |
| 8 | 7.434 | 903 | 908 | 916 | rVB | 742557 | 973108 | 57.96% | 7.843% |
| 9 | 7.504 | 916 | 920 | 924 | rVB4 | 12601 | 19455 | 1.16% | 0.157% |
| 10 | 7.681 | 946 | 950 | 956 | rVB2 | 20840 | 30560 | 1.82% | 0.246% |
| 11 | 8.151 | 1025 | 1030 | 1036 | rBV | 503454 | 641547 | 38.21% | 5.171% |
| 12 | 8.204 | 1036 | 1039 | 1042 | rVV2 | 22575 | 30231 | 1.80% | 0.244% |
| 13 | 8.563 | 1097 | 1100 | 1103 | rBV | 20854 | 26908 | 1.60% | 0.217% |
| 14 | 8.687 | 1118 | 1121 | 1127 | rBV4 | 10556 | 16813 | 1.00% | 0.136% |
| 15 | 9.163 | 1200 | 1202 | 1207 | rVB2 | 18823 | 24214 | 1.44% | 0.195% |
| 16 | 9.222 | 1207 | 1212 | 1221 | rBV | 1266374 | 1678913 | 100.00% | 13.531% |
| 17 | 9.304 | 1222 | 1226 | 1230 | rVB3 | 15903 | 22294 | 1.33% | 0.180% |
| 18 | 9.616 | 1275 | 1279 | 1285 | rVB3 | 20246 | 29291 | 1.74% | 0.236% |
| 19 | 9.904 | 1323 | 1328 | 1339 | rVB | 469976 | 629925 | 37.52% | 5.077% |
| 20 | 10.622 | 1445 | 1450 | 1458 | rVV | 90383 | 120203 | 7.16% | 0.969% |
| 21 | 10.698 | 1458 | 1463 | 1476 | rVV | 615442 | 818134 | 48.73% | 6.594% |
| 22 | 10.816 | 1479 | 1483 | 1491 | rVB | 14508 | 23350 | 1.39% | 0.188% |
| 23 | 11.398 | 1577 | 1582 | 1590 | rBV | 432059 | 562275 | 33.49% | 4.532% |
| 24 | 11.916 | 1666 | 1670 | 1684 | rBV | 75000 | 145479 | 8.67% | 1.172% |
| 25 | 12.980 | 1846 | 1851 | 1859 | rBV | 1025764 | 1306347 | 77.81% | 10.528% |
| 26 | 13.874 | 1999 | 2003 | 2015 | rBV | 44338 | 93611 | 5.58% | 0.754% |
| 27 | 14.045 | 2027 | 2032 | 2041 | rBV | 324051 | 460121 | 27.41% | 3.708% |
| 28 | 15.533 | 2279 | 2285 | 2291 | rVB | 202160 | 327417 | 19.50% | 2.639% |

Sum of corrected areas: 12407741

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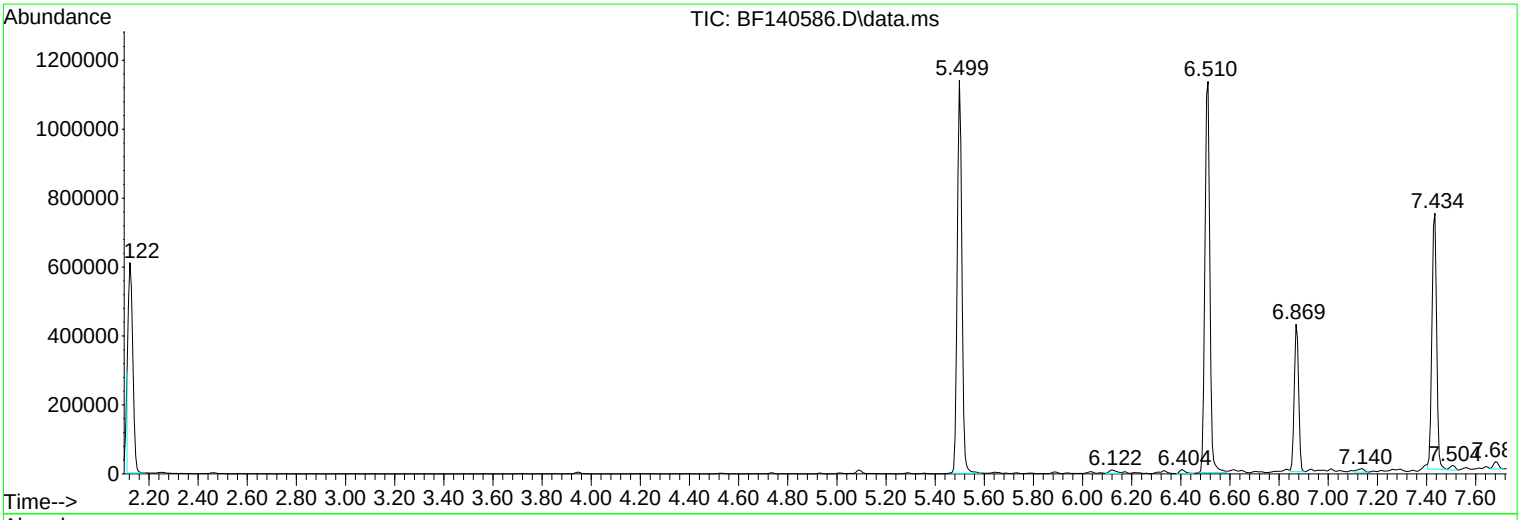
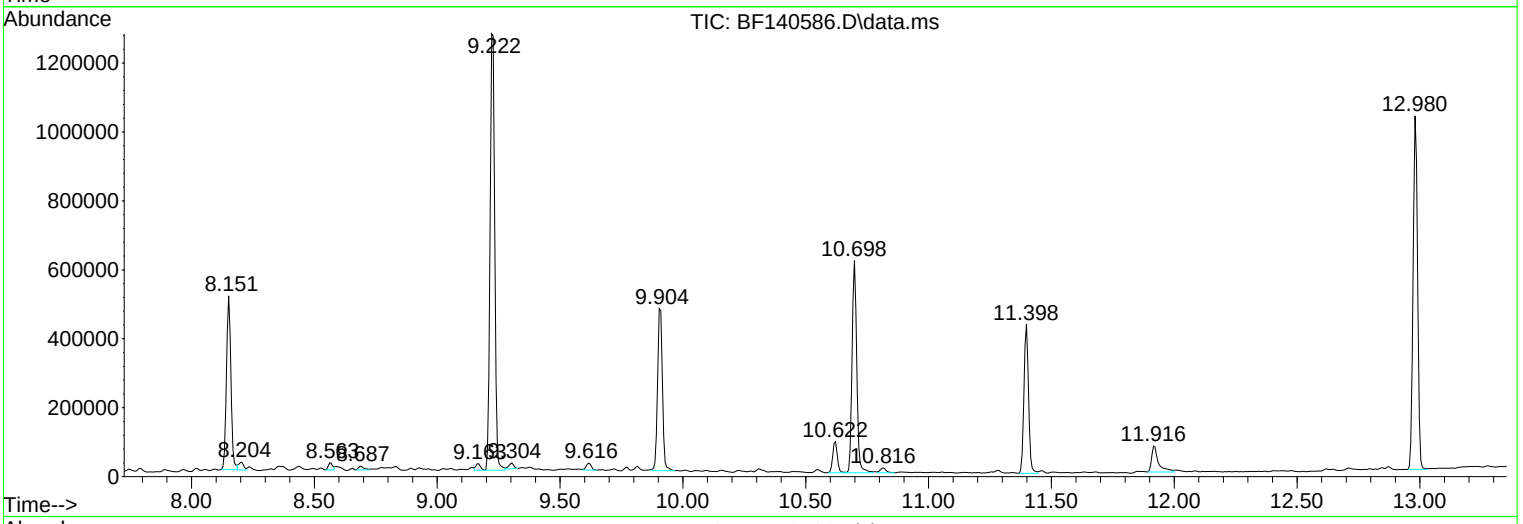
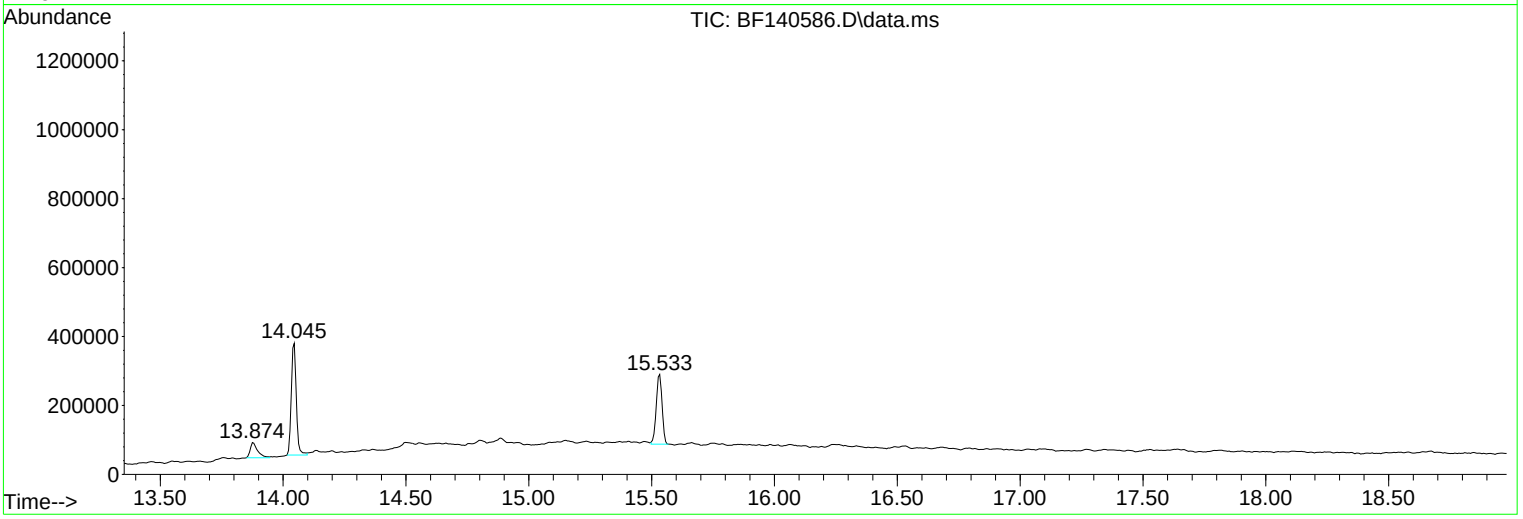
BNA_F
**ClientSampleId :**
MH-758

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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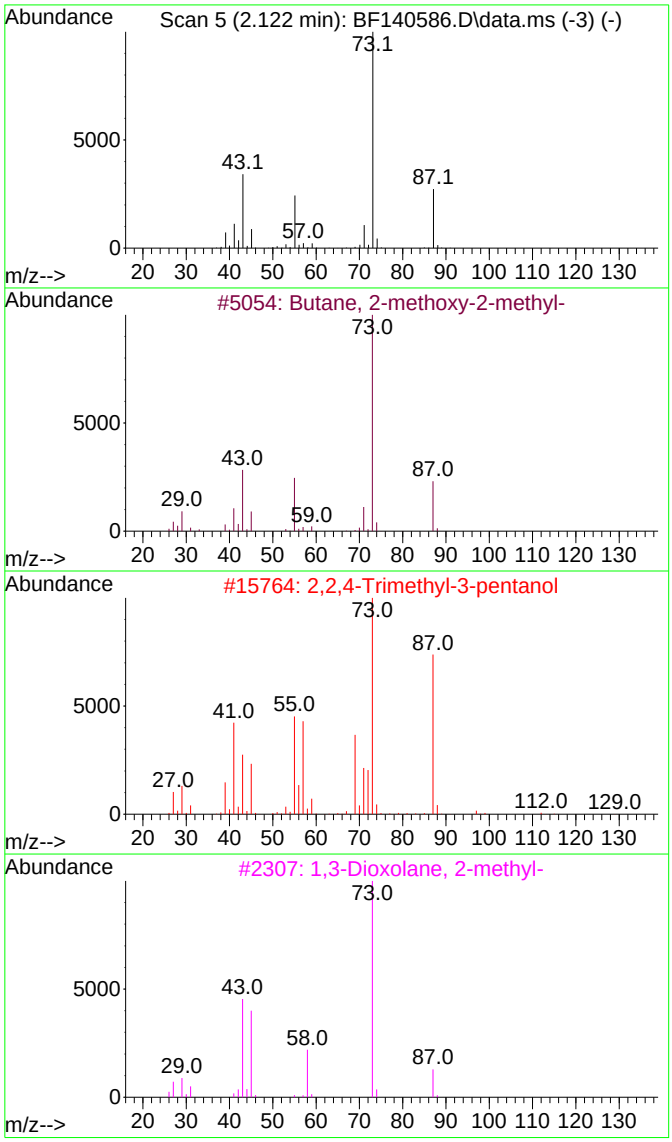
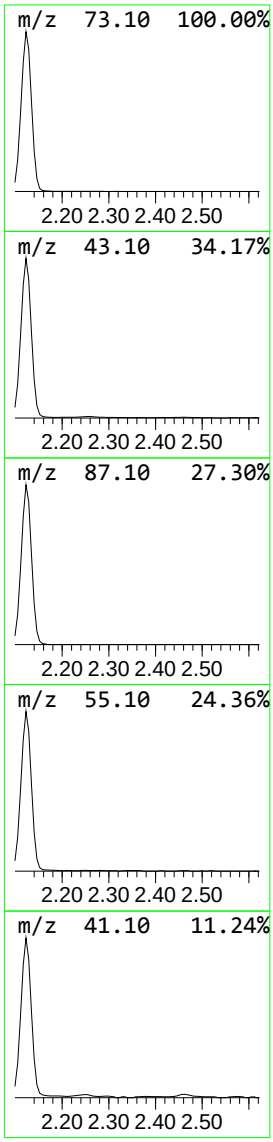
**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.122 | 29.33 ng | 778056 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |



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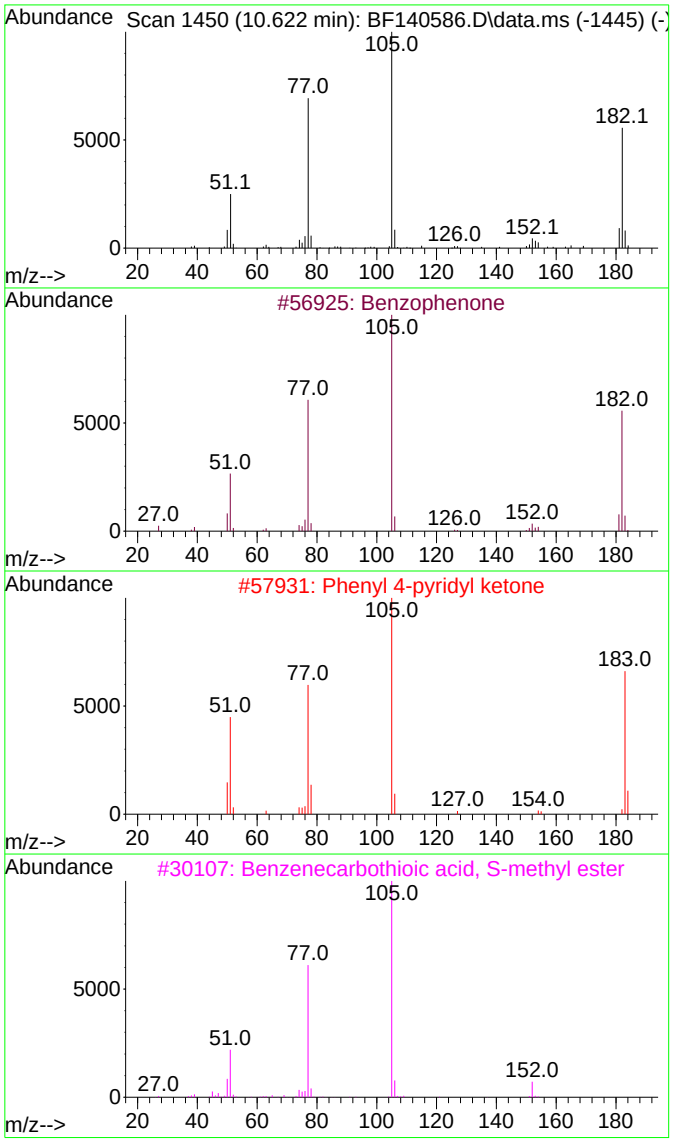
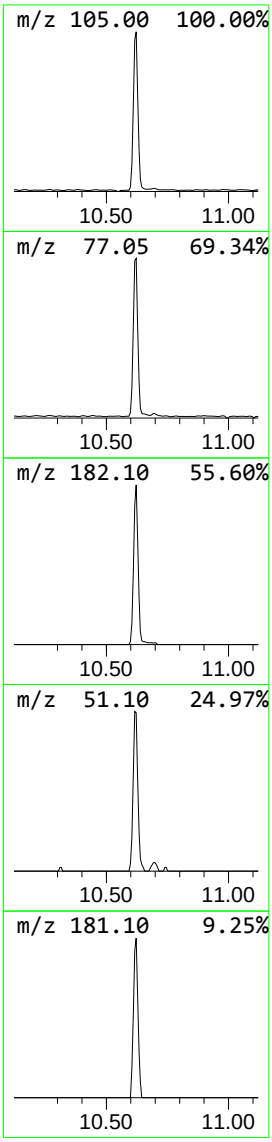
**********

Peak Number 2 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.622 | 3.82 ng | 120203 | Acenaphthene-d10 | 9.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Phenyl 4-pyridyl ketone | 183 | C12H9NO | 014548-46-0 | 53 |
| 3 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 53 |
| 4 | N-Methoxy-N-methylbenzamide | 165 | C9H11NO2 | 006919-61-5 | 46 |
| 5 | Benzenecarbothioic acid | 138 | C7H6OS | 000098-91-9 | 43 |



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**Instrument :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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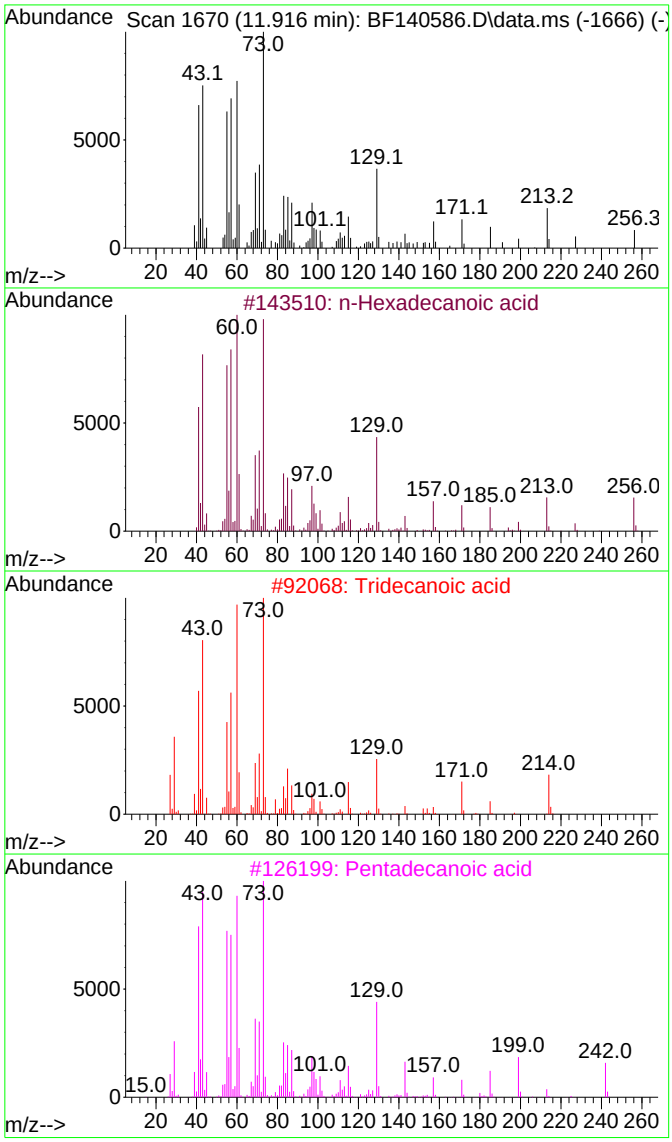
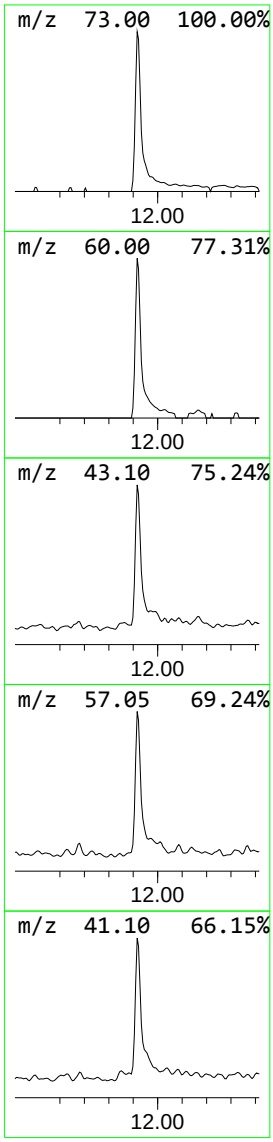
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 5.17 ng | 145479 | Phenanthrene-d10 | 11.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 80 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 58 |



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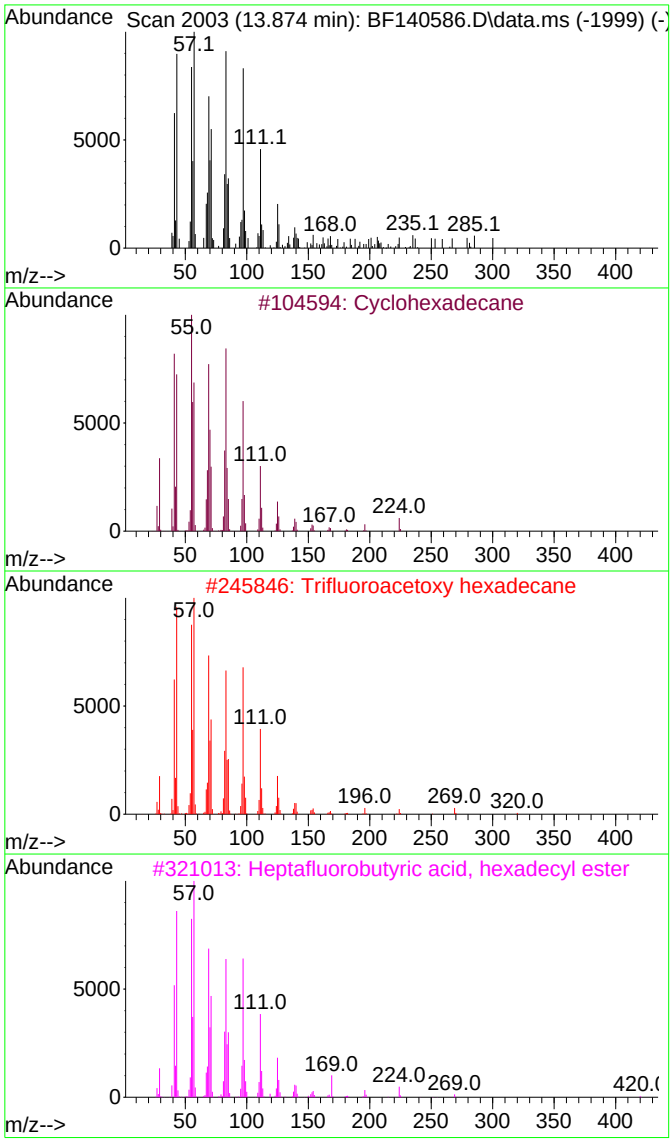
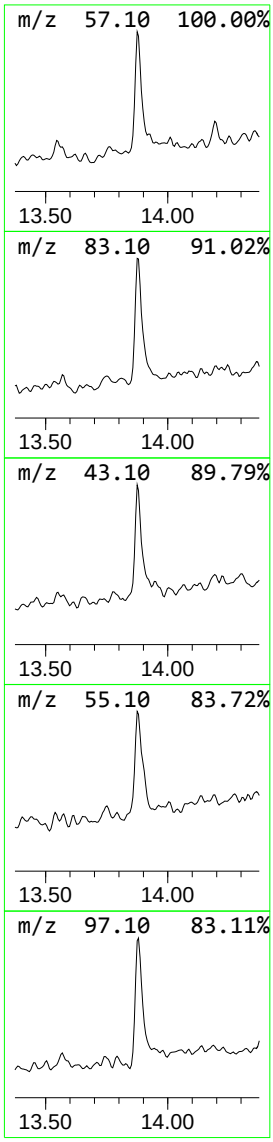
**********

Peak Number 4 Cyclohexadecane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 4.07 ng | 93611 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 95 |
| 2 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93 |
| 3 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 91 |
| 4 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |
| 5 | Octacosanol | 410 | C28H58O | 000557-61-9 | 90 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.122 | 29.3 | ng | 778056 | 1 | 6.869 | 530561 | 20.0 |
| Benzophenone | 10.622 | 3.8 | ng | 120203 | 3 | 9.910 | 629925 | 20.0 |
| n-Hexadecanoic ... | 11.916 | 5.2 | ng | 145479 | 4 | 11.398 | 562275 | 20.0 |
| Cyclohexadecane | 13.874 | 4.1 | ng | 93611 | 5 | 14.045 | 460121 | 20.0 |