LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123488.D
Acq On : 26 Mar 2021 16:08
Operator : JU/CG
Sample : M1770-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-103D

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123488.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.246 | 20 | 27 | 33 | rVB | 3511231 | 4460782 | 53.16% | 8.507% |
| 2 | 2.352 | 41 | 45 | 54 | rVB | 105850 | 130683 | 1.56% | 0.249% |
| 3 | 5.122 | 508 | 516 | 525 | rVB | 75410 | 103466 | 1.23% | 0.197% |
| 4 | 5.516 | 578 | 583 | 586 | rBV | 3919455 | 3688357 | 43.95% | 7.034% |
| 5 | 6.516 | 748 | 753 | 763 | rBV | 3314165 | 3334780 | 39.74% | 6.360% |
| 6 | 6.898 | 814 | 818 | 821 | rBV | 1849190 | 1495951 | 17.83% | 2.853% |
| 7 | 7.463 | 907 | 914 | 917 | rBV | 4696813 | 4939153 | 58.86% | 9.420% |
| 8 | 8.181 | 1031 | 1036 | 1040 | rBV | 1949335 | 1949165 | 23.23% | 3.717% |
| 9 | 8.575 | 1097 | 1103 | 1111 | rBV | 490707 | 602564 | 7.18% | 1.149% |
| 10 | 9.263 | 1214 | 1220 | 1223 | rBV | 8066974 | 8391559 | 100.00% | 16.004% |
| 11 | 9.651 | 1283 | 1286 | 1290 | rBV | 132496 | 101919 | 1.21% | 0.194% |
| 12 | 9.775 | 1300 | 1307 | 1318 | rBV4 | 58742 | 175485 | 2.09% | 0.335% |
| 13 | 9.939 | 1327 | 1335 | 1339 | rBV | 2280020 | 2225616 | 26.52% | 4.245% |
| 14 | 10.145 | 1366 | 1370 | 1377 | rVB | 365700 | 324140 | 3.86% | 0.618% |
| 15 | 10.733 | 1464 | 1470 | 1473 | rBV | 5614681 | 5658402 | 67.43% | 10.792% |
| 16 | 11.433 | 1583 | 1589 | 1592 | rBV | 2498917 | 2151479 | 25.64% | 4.103% |
| 17 | 11.957 | 1673 | 1678 | 1686 | rBV2 | 454613 | 481320 | 5.74% | 0.918% |
| 18 | 12.416 | 1753 | 1756 | 1759 | rVB | 114159 | 96222 | 1.15% | 0.184% |
| 19 | 12.668 | 1796 | 1799 | 1809 | rBV | 109767 | 135042 | 1.61% | 0.258% |
| 20 | 12.745 | 1809 | 1812 | 1821 | rVV | 92438 | 95608 | 1.14% | 0.182% |
| 21 | 13.027 | 1853 | 1860 | 1863 | rBV | 7680518 | 8292864 | 98.82% | 15.816% |
| 22 | 13.874 | 1998 | 2004 | 2007 | rBV | 99723 | 148894 | 1.77% | 0.284% |
| 23 | 13.915 | 2007 | 2011 | 2013 | rBV | 127986 | 152460 | 1.82% | 0.291% |
| 24 | 13.945 | 2013 | 2016 | 2024 | rVB2 | 429429 | 600362 | 7.15% | 1.145% |
| 25 | 14.080 | 2035 | 2039 | 2042 | rVB | 1740289 | 1493129 | 17.79% | 2.848% |
| 26 | 15.580 | 2288 | 2294 | 2298 | rBV | 935939 | 1204133 | 14.35% | 2.296% |

Sum of corrected areas: 52433535

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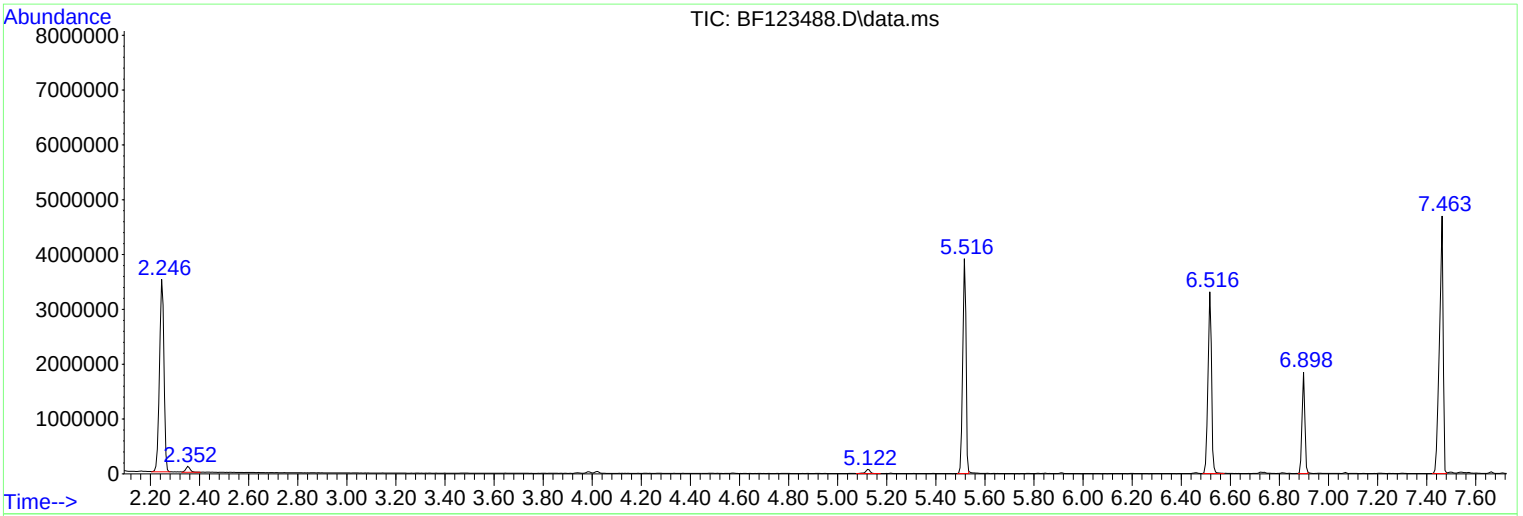
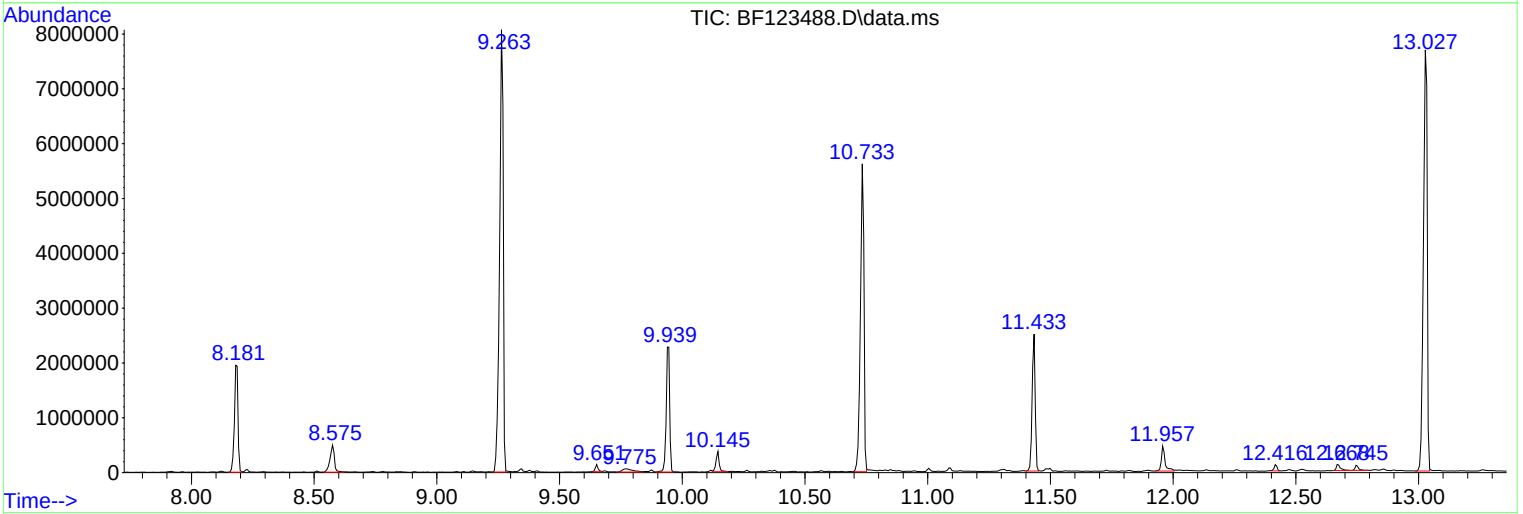
ALS Vial : 13 Sample Multiplier: 1

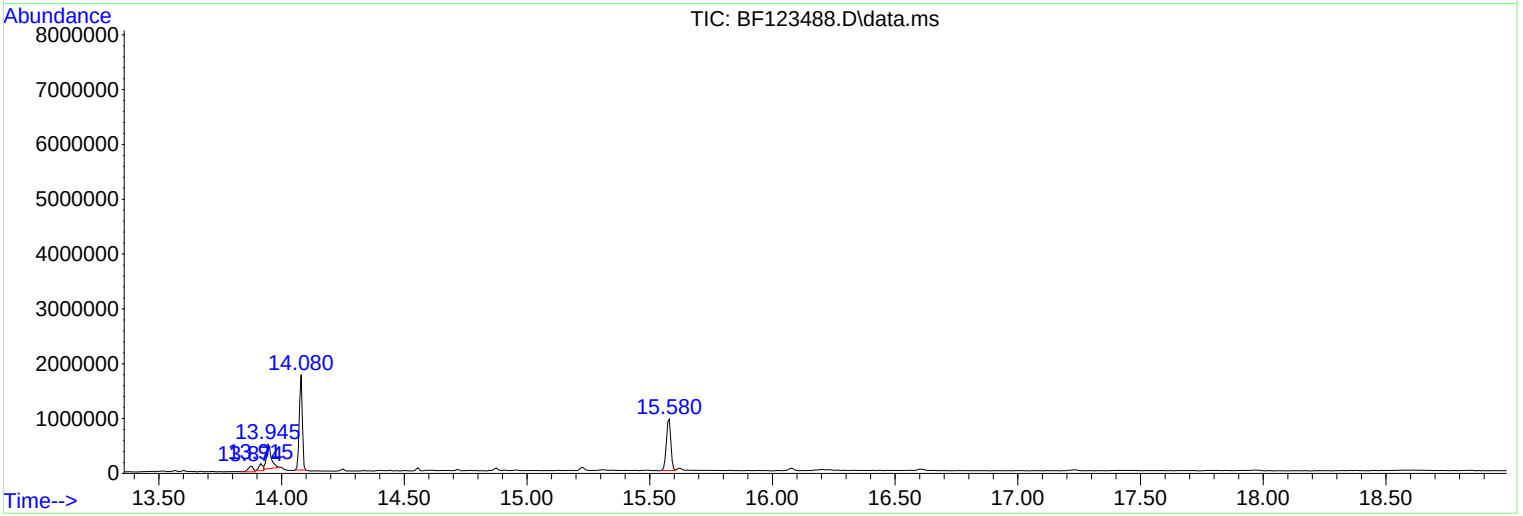
**Instrument :**
BNA_F
**ClientSampleId :**
MW-103D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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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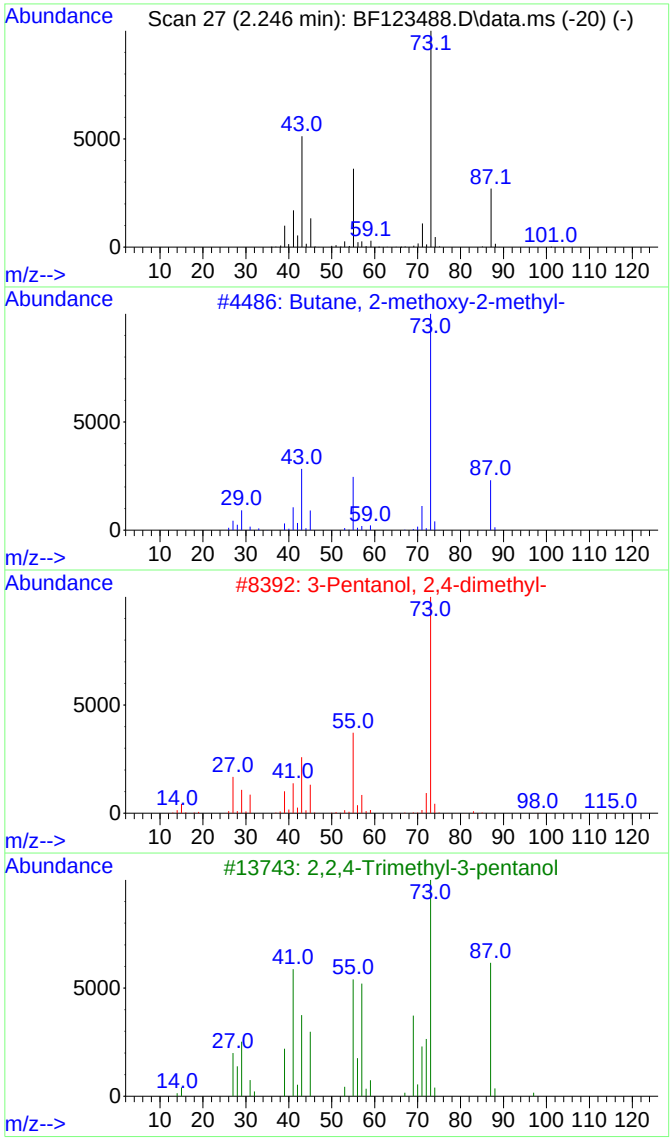
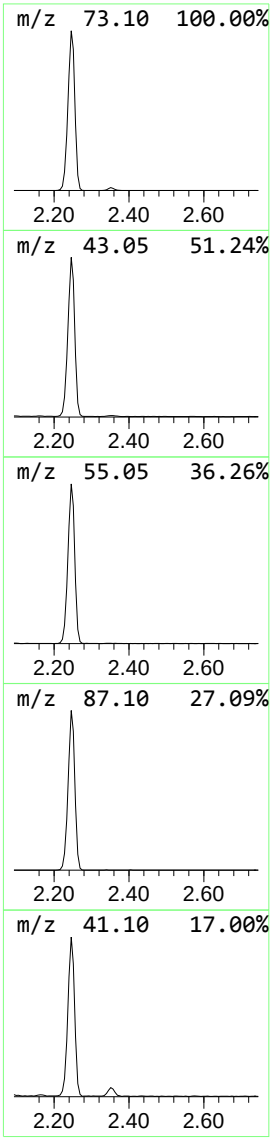
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.246 | 59.64 ng | 4460780 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 43 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 23 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |



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ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-103D

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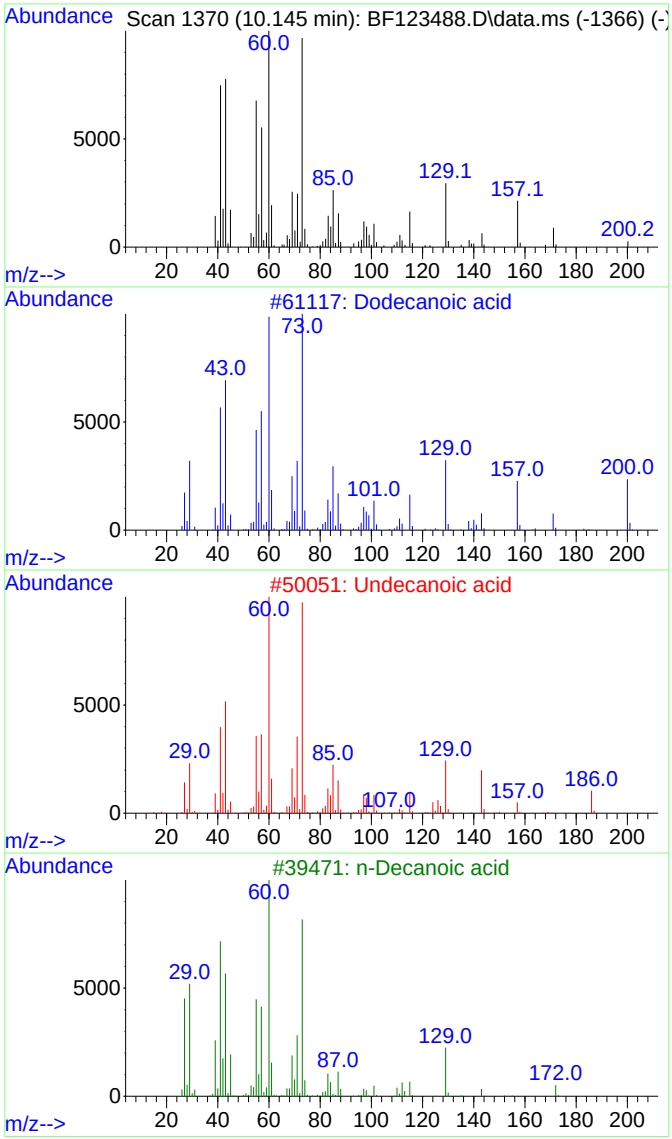
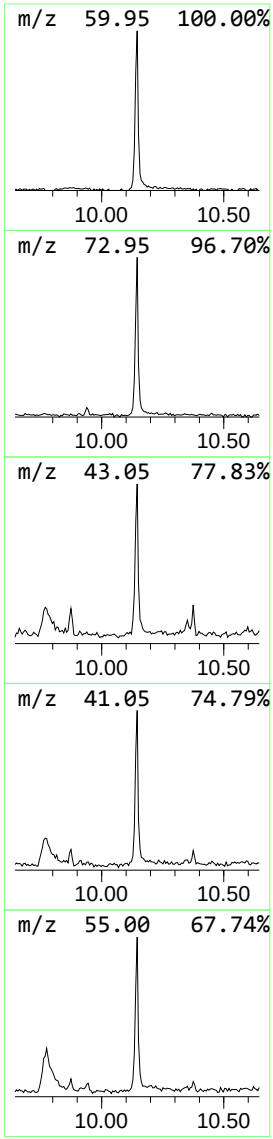
Peak Number 2 Dodecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.145 | 2.91 ng | 324140 | Acenaphthene-d10 | 9.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 91 |
| 2 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 78 |
| 3 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 76 |
| 4 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 52 |
| 5 | Octanoic acid, silver(1+) salt | 250 | C8H15AgO2 | 024927-67-1 | 40 |



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ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-103D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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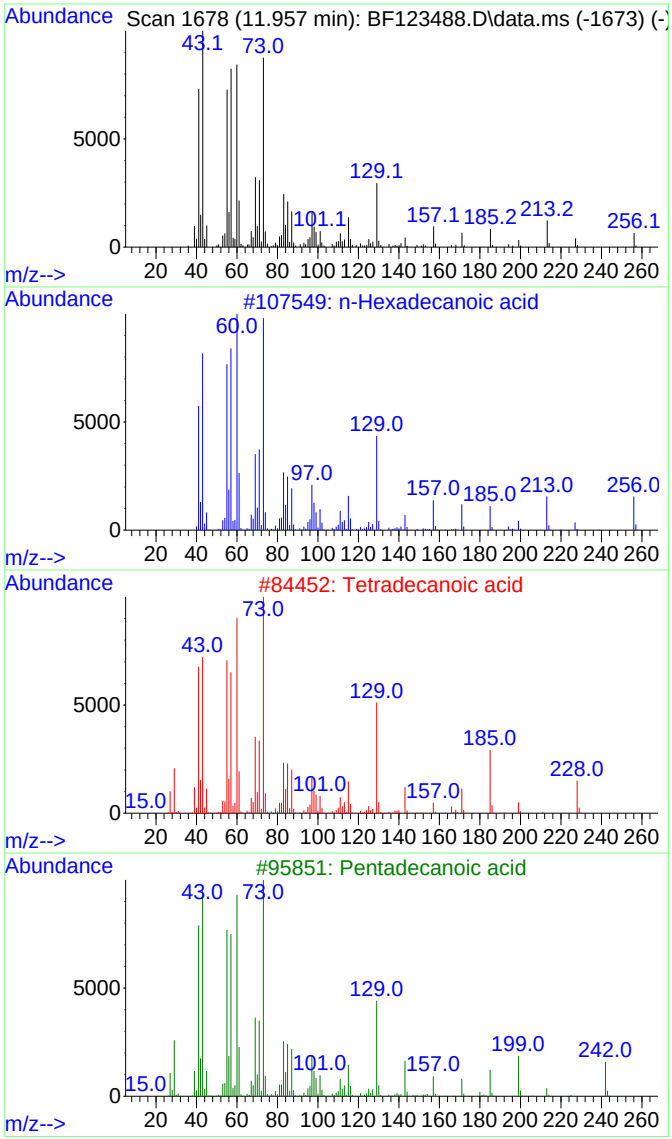
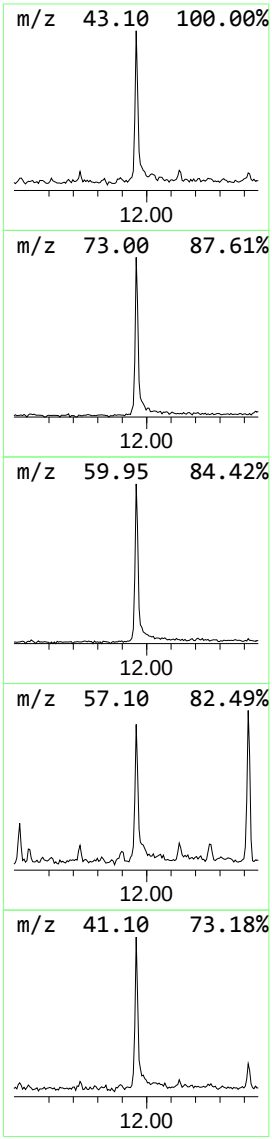
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.957 | 4.47 ng | 481320 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 94 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 87 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |



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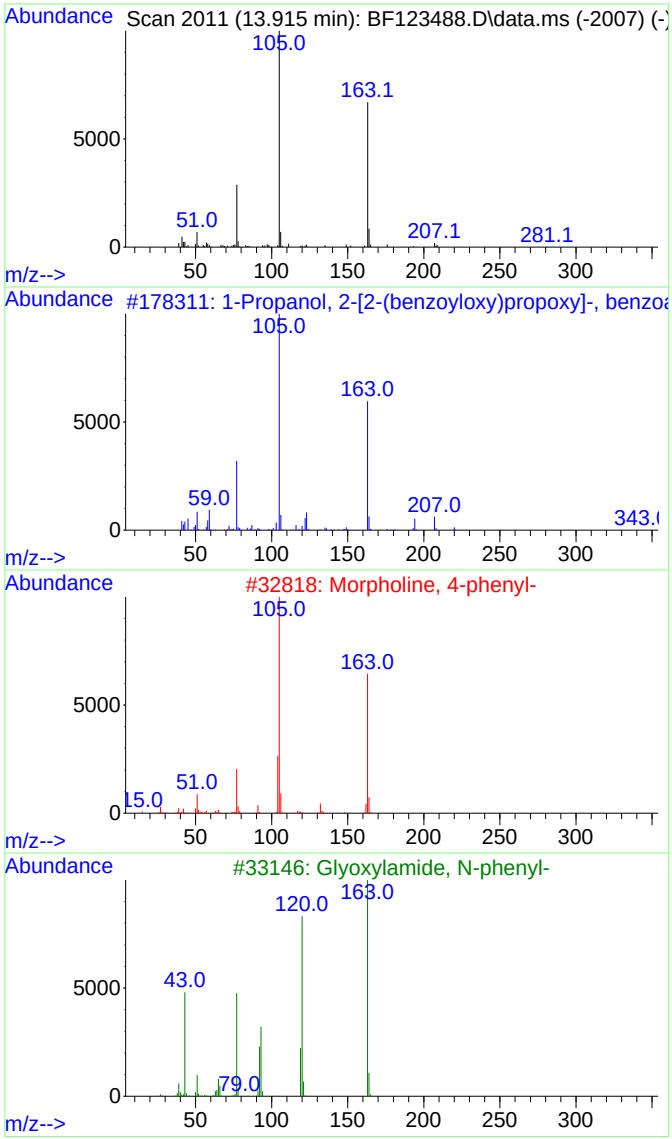
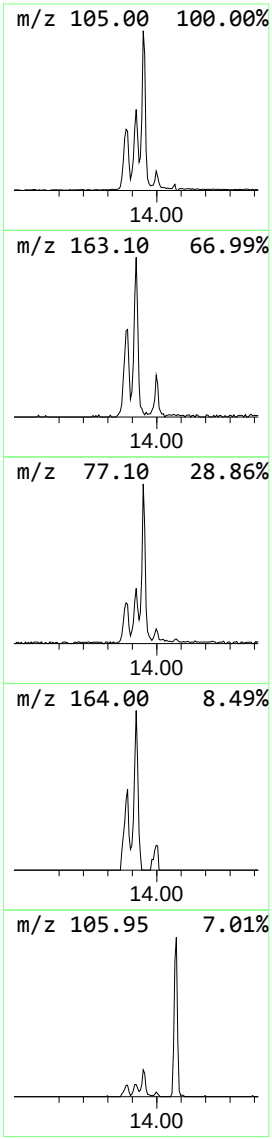
**********
Peak Number 4 1-Propanol, 2-[2-(benzoylox... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.916 | 2.04 ng | 152460 | Chrysene-d12 | 14.080 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Propanol, 2-[2-(benzoyloxy)pro... | 342 | C20H22O5 | 020109-39-1 | 72 |
| 2 | Morpholine, 4-phenyl- | 163 | C10H13NO | 000092-53-5 | 59 |
| 3 | Glyoxylamide, N-phenyl- | 163 | C9H9NO2 | 032331-52-5 | 47 |
| 4 | .delta.2-1,3,4-Oxadiazolin-5-one... | 163 | C7H5N3O2 | 002845-82-1 | 38 |
| 5 | 4-Chlorophenyl benzoate | 232 | C13H9ClO2 | 002005-08-5 | 27 |



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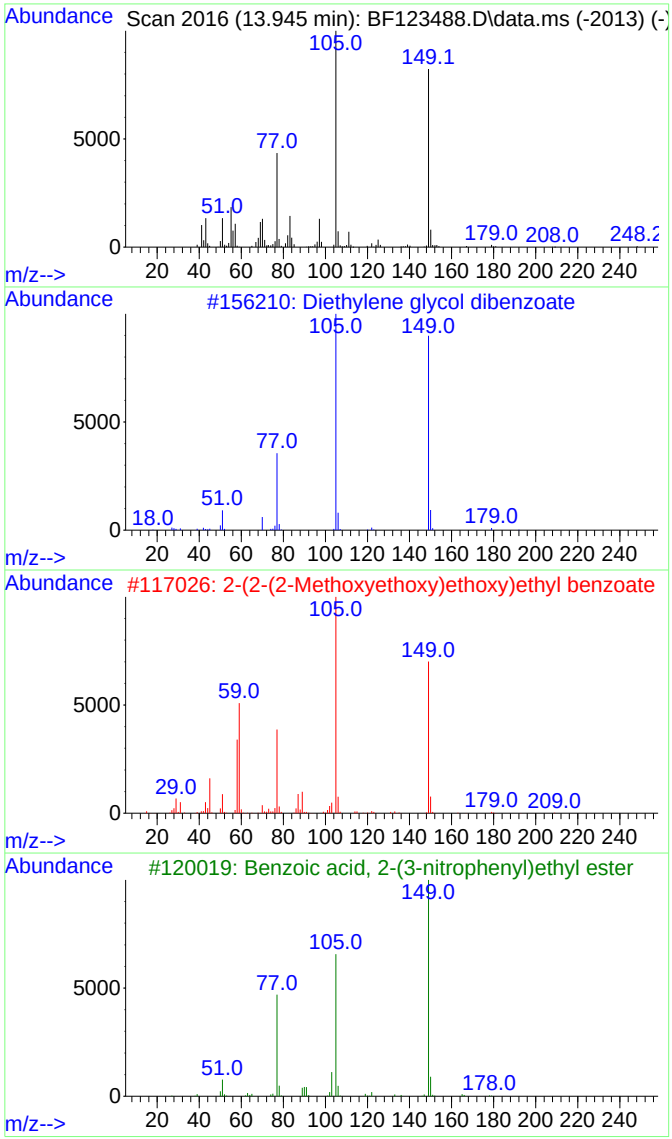
TIC Integration Parameters: LSCINT.P

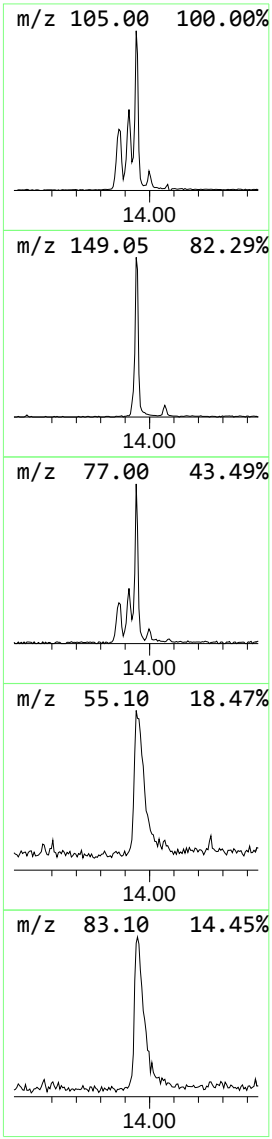
**********

Peak Number 5 Diethylene glycol dibenzoate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.945 | 8.04 ng | 600362 | Chrysene-d12 | 14.080 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethylene glycol dibenzoate | 314 | C18H18O5 | 000120-55-8 | 72 |
| 2 | 2-(2-(2-Methoxyethoxy)ethoxy)eth... | 268 | C14H20O5 | 1000366-99-1 | 64 |
| 3 | Benzoic acid, 2-(3-nitrophenyl)e... | 271 | C15H13NO4 | 1000368-22-4 | 59 |
| 4 | 2-(2-Carboxyvinyl)pyridine, trans | 149 | C8H7NO2 | 007340-22-9 | 46 |
| 5 | Phthalic acid, isobutyl pentadec... | 432 | C27H44O4 | 1000309-07-3 | 38 |



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 |
| Butane, 2-metho... | 2.246 | 59.6 | ng | 4460780 | 1 | 6.898 | 1495950 | 20.0 |
| Dodecanoic acid | 10.145 | 2.9 | ng | 324140 | 3 | 9.945 | 2225620 | 20.0 |
| n-Hexadecanoic ... | 11.957 | 4.5 | ng | 481320 | 4 | 11.433 | 2151480 | 20.0 |
| 1-Propanol, 2-[... | 13.916 | 2.0 | ng | 152460 | 5 | 14.080 | 1493130 | 20.0 |
| Diethylene glyc... | 13.945 | 8.0 | ng | 600362 | 5 | 14.080 | 1493130 | 20.0 |