LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133679.D
Acq On : 09 Jun 2023 16:51
Operator : CG\JU
Sample : 03071-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-1

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133679.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 | 6 | 12 | rVB | 570215 | 670552 | 35.81% | 5.014% |
| 2 | 5.057 | 495 | 505 | 512 | rBV | 23388 | 32938 | 1.76% | 0.246% |
| 3 | 5.451 | 567 | 572 | 575 | rBV | 1718001 | 1712715 | 91.47% | 12.806% |
| 4 | 6.463 | 739 | 744 | 747 | rBV | 1621256 | 1761482 | 94.08% | 13.171% |
| 5 | 6.839 | 804 | 808 | 811 | rBV | 661349 | 589868 | 31.50% | 4.411% |
| 6 | 7.398 | 899 | 903 | 906 | rBV | 1157901 | 1121444 | 59.90% | 8.385% |
| 7 | 8.122 | 1022 | 1026 | 1029 | rBV | 895521 | 724756 | 38.71% | 5.419% |
| 8 | 9.198 | 1205 | 1209 | 1212 | rBV | 2414846 | 1872345 | 100.00% | 14.000% |
| 9 | 9.875 | 1321 | 1324 | 1328 | rBV | 826324 | 684686 | 36.57% | 5.119% |
| 10 | 10.592 | 1442 | 1446 | 1449 | rBV | 136446 | 118722 | 6.34% | 0.888% |
| 11 | 10.663 | 1454 | 1458 | 1462 | rBV | 1052511 | 1014686 | 54.19% | 7.587% |
| 12 | 11.363 | 1574 | 1577 | 1580 | rBV | 639795 | 590283 | 31.53% | 4.414% |
| 13 | 11.386 | 1580 | 1581 | 1585 | rVB | 78308 | 55940 | 2.99% | 0.418% |
| 14 | 11.892 | 1664 | 1667 | 1674 | rBV2 | 116584 | 106514 | 5.69% | 0.796% |
| 15 | 12.580 | 1781 | 1784 | 1787 | rBV | 116744 | 90677 | 4.84% | 0.678% |
| 16 | 12.674 | 1797 | 1800 | 1804 | rBV5 | 21925 | 27829 | 1.49% | 0.208% |
| 17 | 12.810 | 1818 | 1823 | 1826 | rBV | 97406 | 83983 | 4.49% | 0.628% |
| 18 | 12.957 | 1844 | 1848 | 1851 | rBV | 1458648 | 1220082 | 65.16% | 9.123% |
| 19 | 14.010 | 2023 | 2027 | 2030 | rBV | 473696 | 449201 | 23.99% | 3.359% |
| 20 | 14.480 | 2105 | 2107 | 2112 | rBV6 | 27532 | 40295 | 2.15% | 0.301% |
| 21 | 14.768 | 2153 | 2156 | 2162 | rVB | 113870 | 129245 | 6.90% | 0.966% |
| 22 | 15.474 | 2272 | 2276 | 2280 | rBV | 215377 | 275887 | 14.73% | 2.063% |

Sum of corrected areas: 13374130

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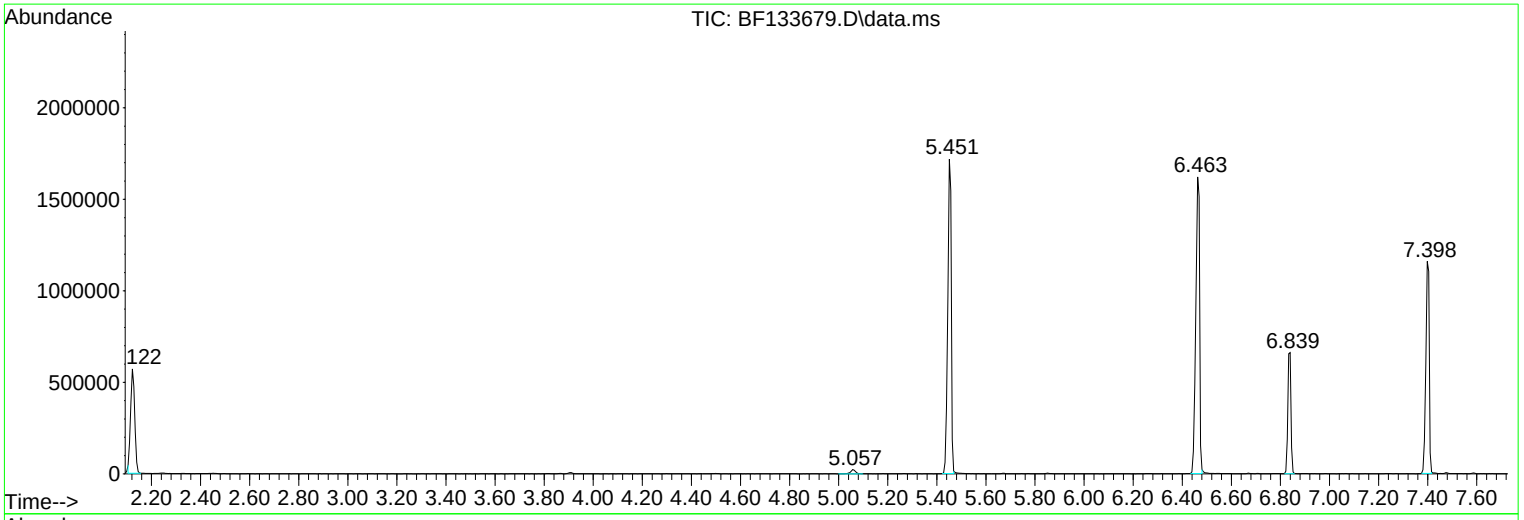
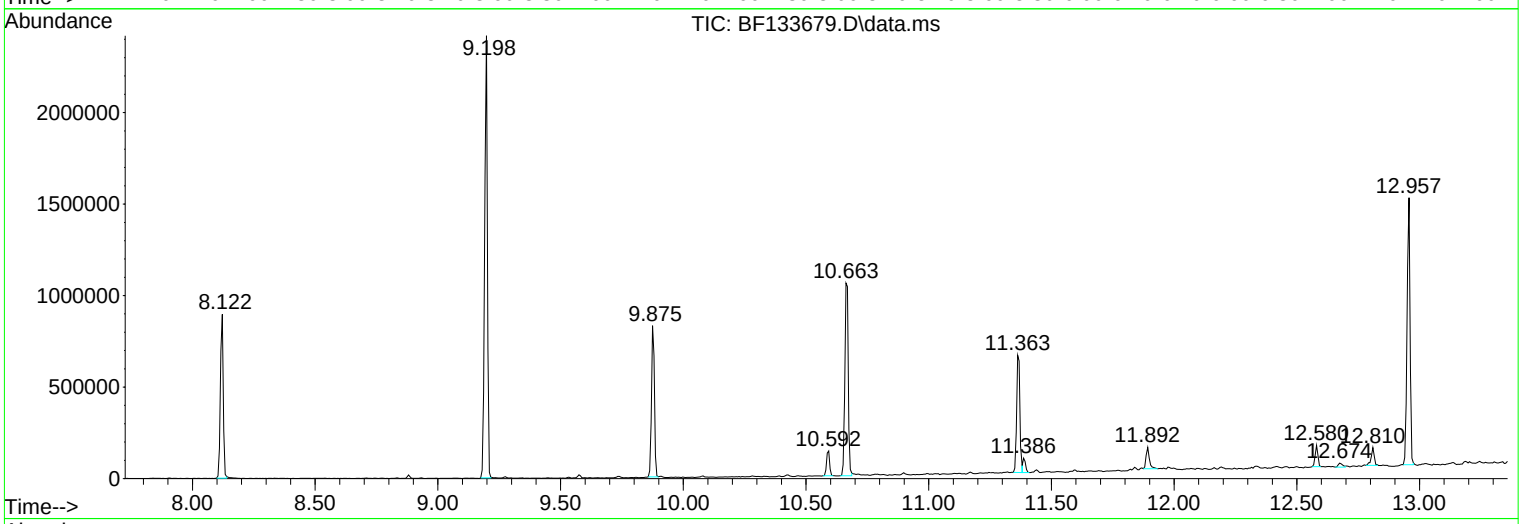
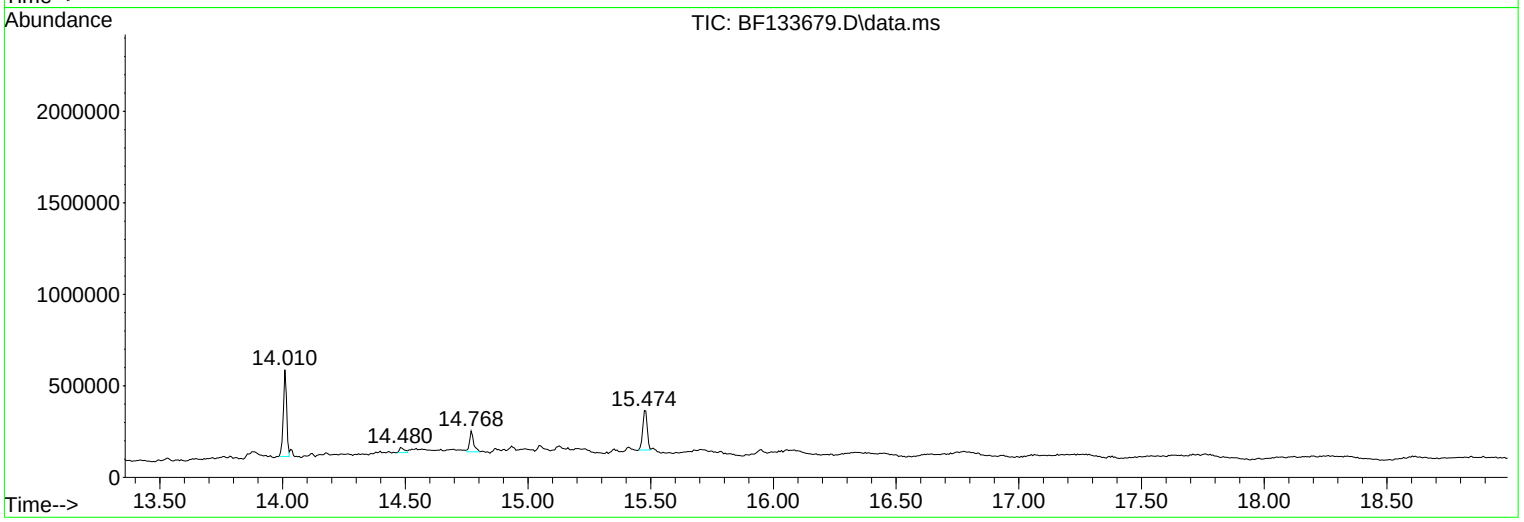
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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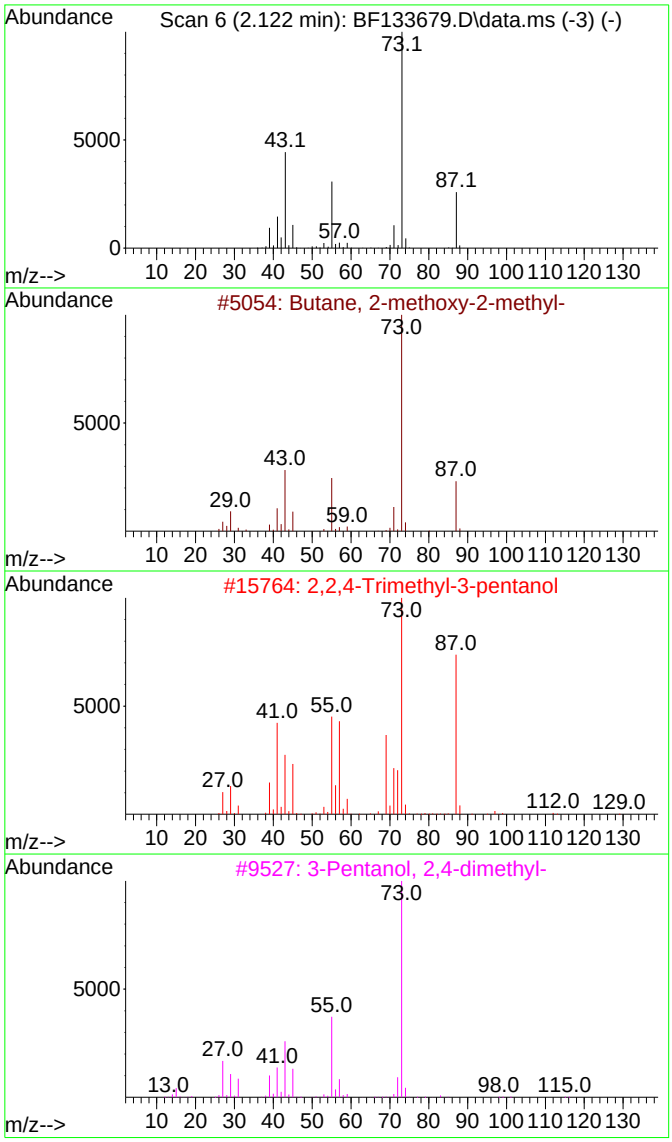
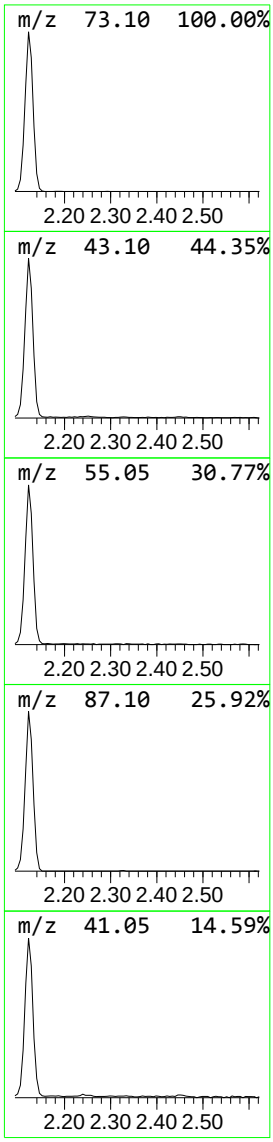
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.122 | 22.74 ng | 670552 | 1,4-Dichlorobenzene-d4 | 6.839 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 37 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 32 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 23 |



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ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
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**ClientSampleId :**
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TIC Integration Parameters: LSCINT.P

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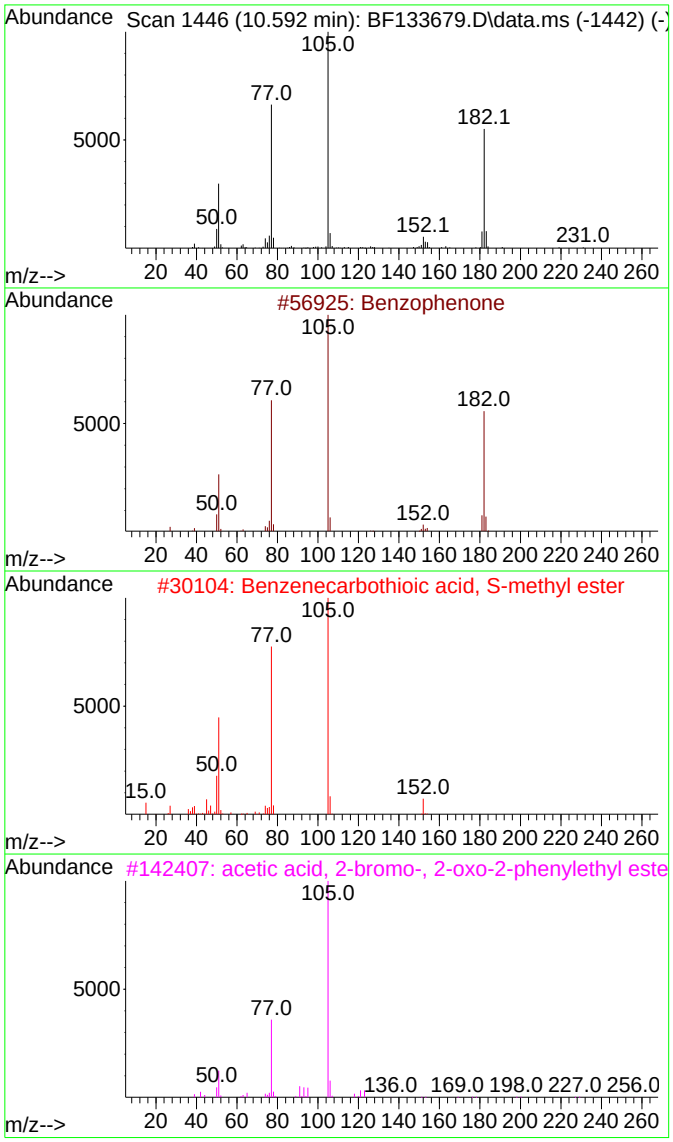
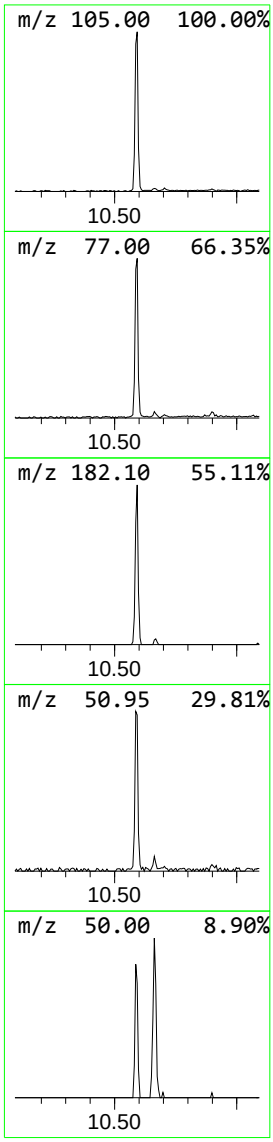
Peak Number 2 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.592 | 3.47 ng | 118722 | Acenaphthene-d10 | 9.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 47 |
| 3 | acetic acid, 2-bromo-, 2-oxo-2-p... | 256 | C10H9BrO3 | 1000401-50-0 | 47 |
| 4 | Benzilic acid | 228 | C14H12O3 | 000076-93-7 | 47 |
| 5 | N-[2,2-Dichloro-1-(toluene-4-sul... | 371 | C16H15Cl2NO3S | 136800-77-6 | 47 |



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Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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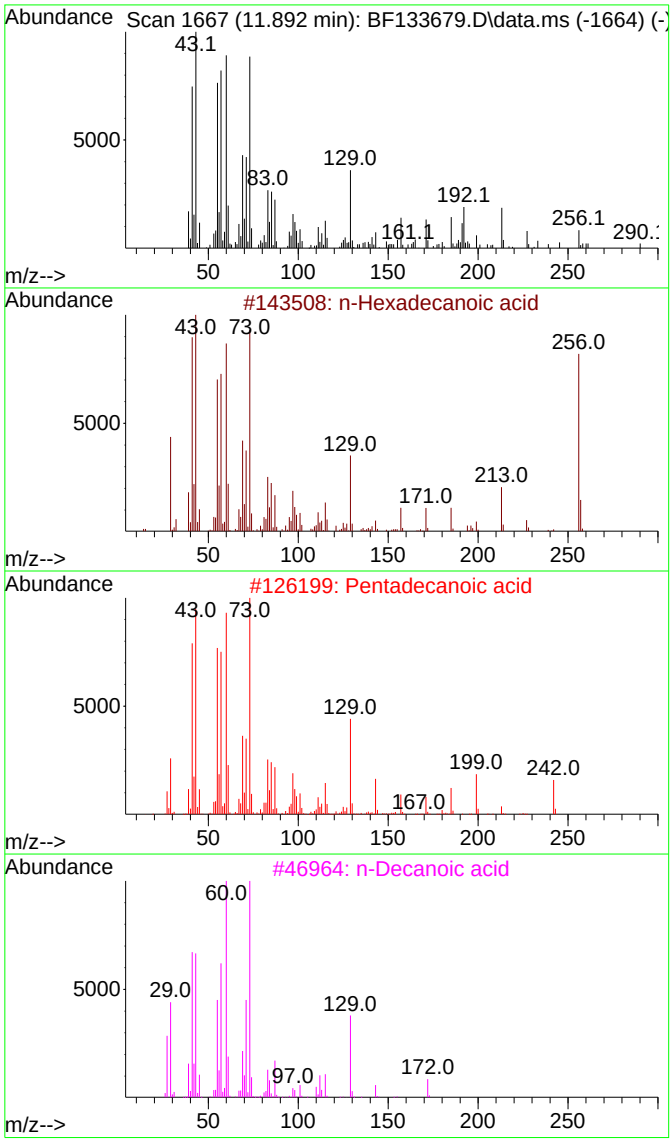
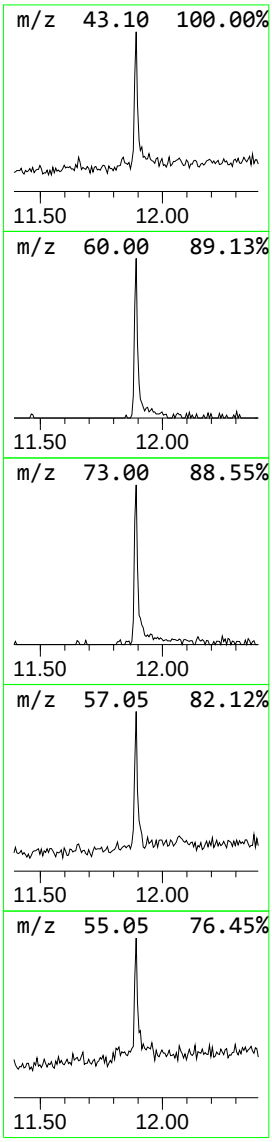
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.892 | 3.61 ng | 106514 | Phenanthrene-d10 | 11.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 3 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 81 |
| 4 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 74 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 74 |



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ALS Vial : 7 Sample Multiplier: 1

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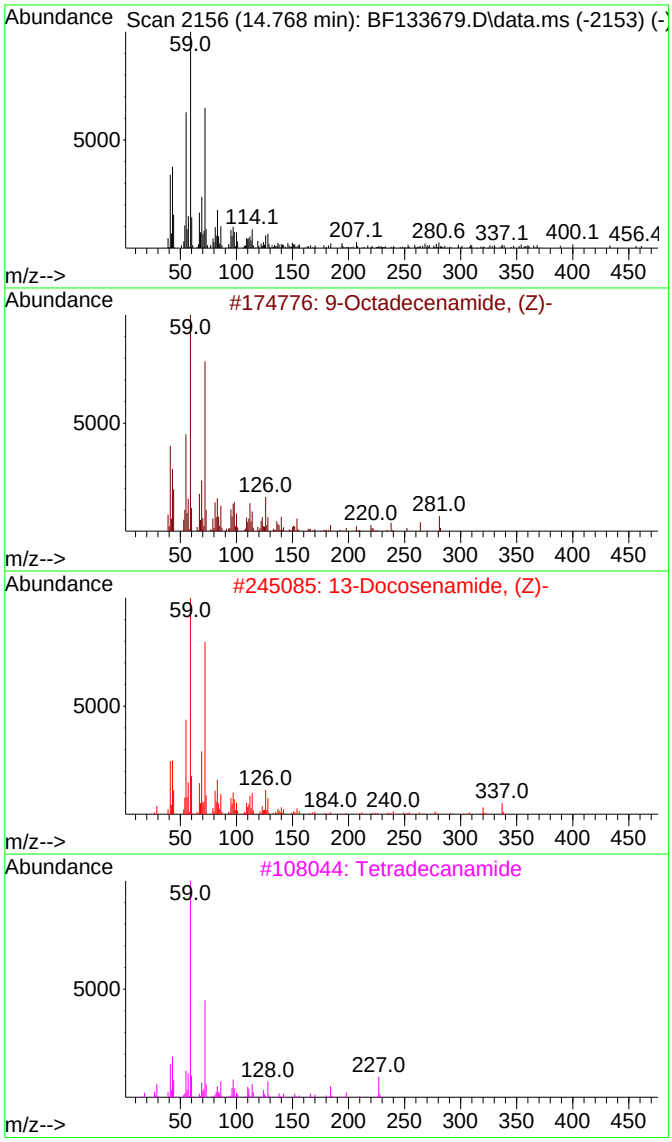
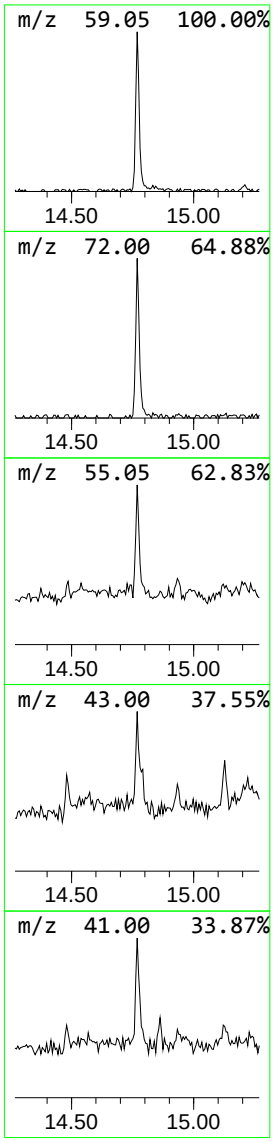
**********
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.768 | 9.37 ng | 129245 | Perylene-d12 | 15.474 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 95 |
| 2 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 90 |
| 3 | Tetradecanamide | 227 | C14H29NO | 000638-58-4 | 78 |
| 4 | Palmitoleamide | 253 | C16H31NO | 106010-22-4 | 74 |
| 5 | Octadecanamide | 283 | C18H37NO | 000124-26-5 | 72 |



Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.122 | 22.7 | ng | 670552 | 1 | 6.839 | 589868 | 20.0 |
| Benzophenone | 10.592 | 3.5 | ng | 118722 | 3 | 9.875 | 684686 | 20.0 |
| n-Hexadecanoic ... | 11.892 | 3.6 | ng | 106514 | 4 | 11.363 | 590283 | 20.0 |
| 9-Octadecenamid... | 14.768 | 9.4 | ng | 129245 | 6 | 15.474 | 275887 | 20.0 |