LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122415.D
Acq On : 20 Nov 2020 21:23
Operator : JU/CG
Sample : L4829-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122415.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.481 | 572 | 577 | 580 | rBV | 2683395 | 2499712 | 30.10% | 5.825% |
| 2 | 6.486 | 744 | 748 | 760 | rBV | 1765092 | 1847428 | 22.25% | 4.305% |
| 3 | 6.863 | 808 | 812 | 815 | rBV | 1513073 | 1186643 | 14.29% | 2.765% |
| 4 | 7.428 | 902 | 908 | 911 | rBV | 4098219 | 3882417 | 46.75% | 9.047% |
| 5 | 8.151 | 1027 | 1031 | 1034 | rBV | 1743521 | 1571069 | 18.92% | 3.661% |
| 6 | 9.227 | 1209 | 1214 | 1217 | rBV | 7312071 | 7172221 | 86.36% | 16.713% |
| 7 | 9.622 | 1277 | 1281 | 1284 | rBV | 237983 | 211153 | 2.54% | 0.492% |
| 8 | 9.904 | 1325 | 1329 | 1333 | rBV | 2059104 | 1895542 | 22.82% | 4.417% |
| 9 | 10.698 | 1459 | 1464 | 1467 | rBV | 5141694 | 5025314 | 60.51% | 11.710% |
| 10 | 11.392 | 1578 | 1582 | 1586 | rBV | 2172911 | 2049852 | 24.68% | 4.777% |
| 11 | 11.927 | 1670 | 1673 | 1687 | rBV2 | 307214 | 424534 | 5.11% | 0.989% |
| 12 | 12.715 | 1804 | 1807 | 1820 | rBV | 148736 | 250045 | 3.01% | 0.583% |
| 13 | 12.992 | 1848 | 1854 | 1857 | rBV | 8243781 | 8304696 | 100.00% | 19.352% |
| 14 | 13.892 | 2003 | 2007 | 2023 | rBV | 889392 | 1496443 | 18.02% | 3.487% |
| 15 | 14.039 | 2028 | 2032 | 2036 | rBV | 2540436 | 2247727 | 27.07% | 5.238% |
| 16 | 14.515 | 2108 | 2113 | 2116 | rBV2 | 89143 | 123177 | 1.48% | 0.287% |
| 17 | 15.174 | 2221 | 2225 | 2229 | rBV | 88405 | 98178 | 1.18% | 0.229% |
| 18 | 15.521 | 2278 | 2284 | 2288 | rBV | 1859378 | 2297185 | 27.66% | 5.353% |
| 19 | 15.562 | 2288 | 2291 | 2296 | rVB | 70442 | 89066 | 1.07% | 0.208% |
| 20 | 16.068 | 2372 | 2377 | 2385 | rBV3 | 82937 | 242534 | 2.92% | 0.565% |

Sum of corrected areas: 42914936

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
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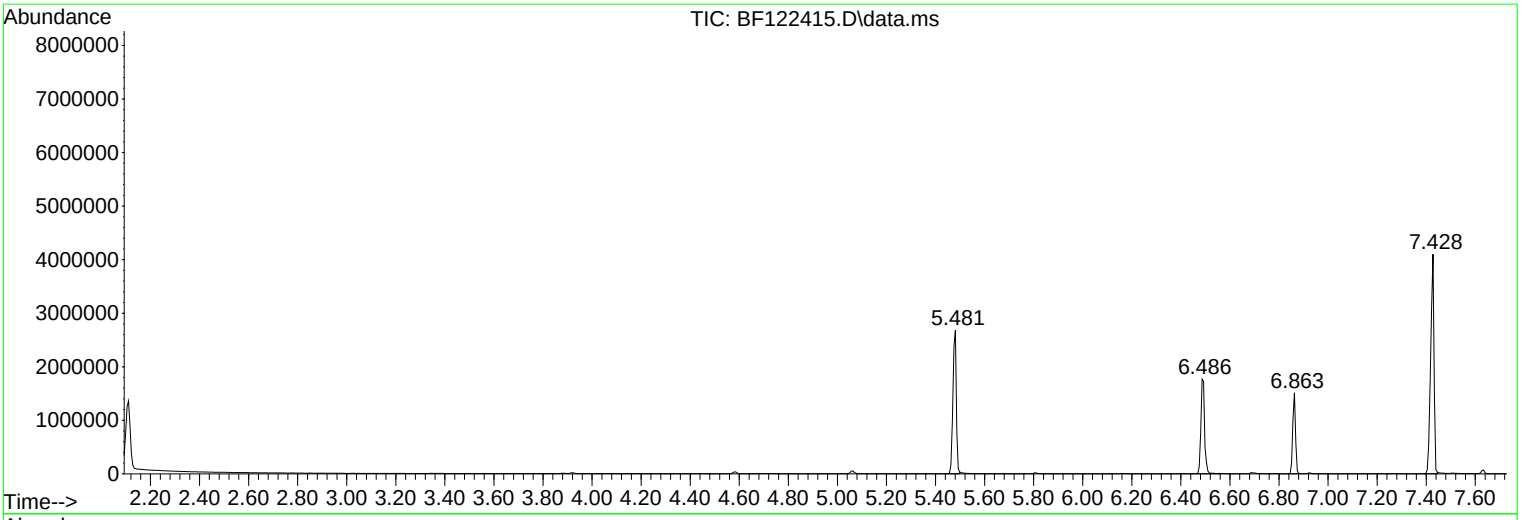
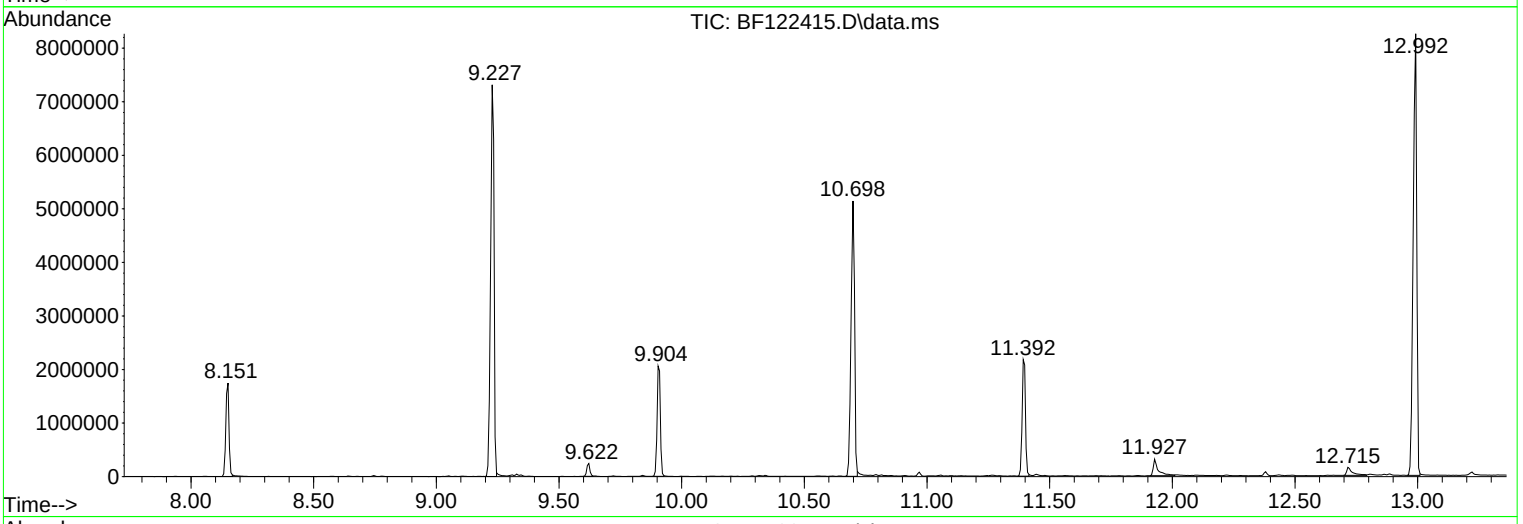
Misc :
ALS Vial : 19 Sample Multiplier: 1

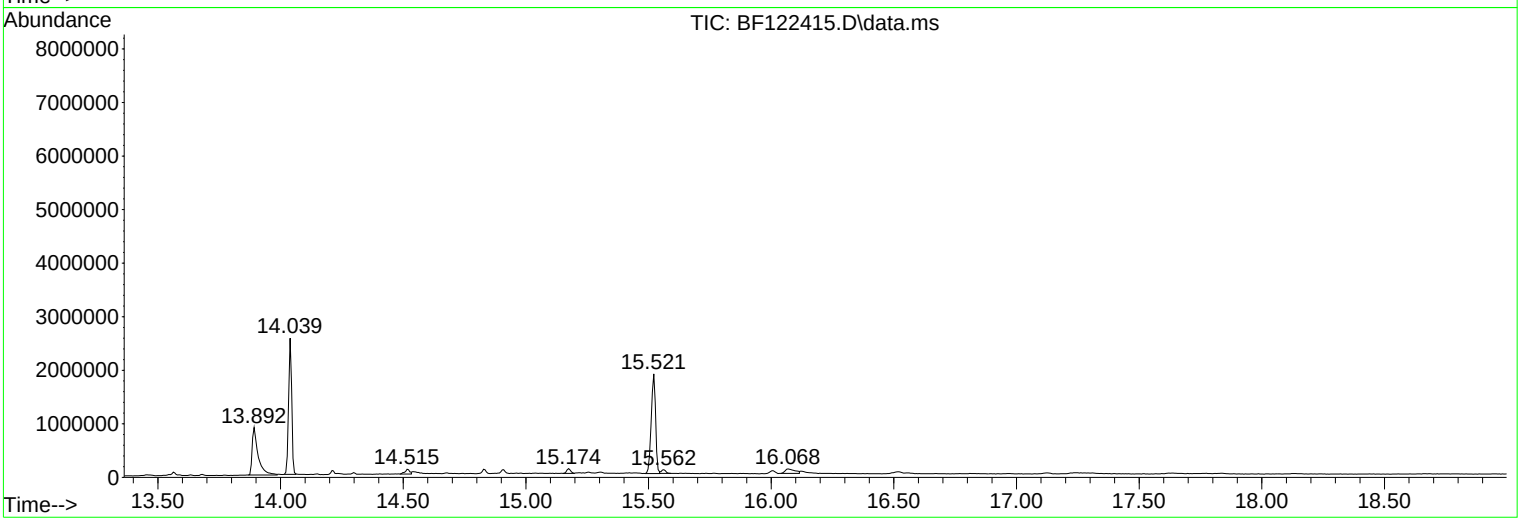
**Instrument :**
BNA_F
**ClientSampleId :**
MW-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122415.D
Acq On : 20 Nov 2020 21:23
Operator : JU/CG
Sample : L4829-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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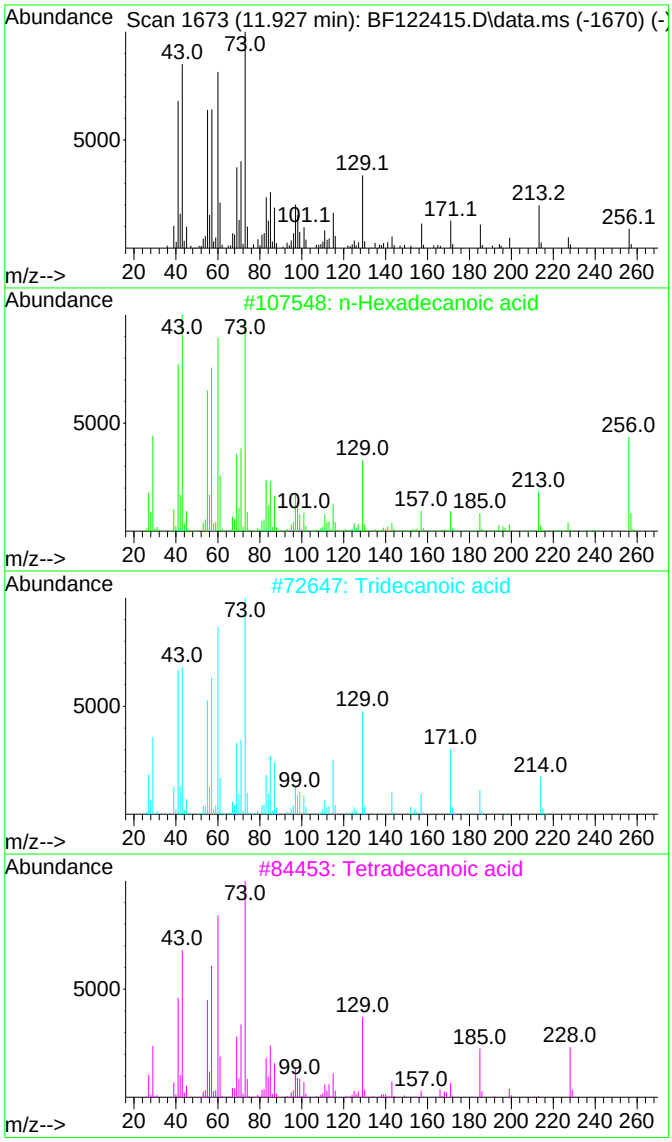
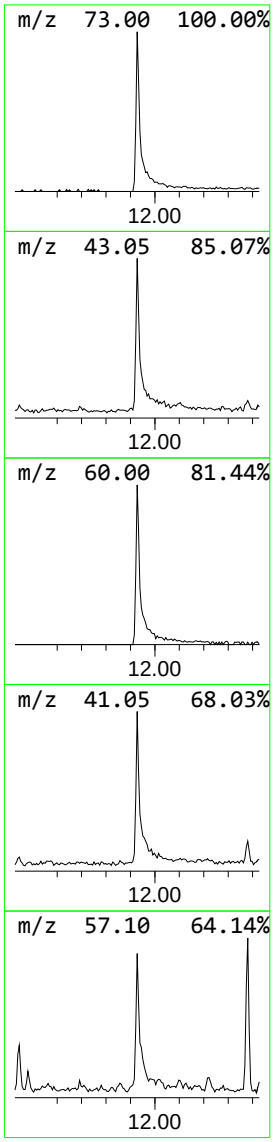
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.927 | 4.14 ng | 424534 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 5 | Oxalic acid, dodecyl propyl ester | 300 | C17H32O4 | 1000309-26-5 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122415.D
Acq On : 20 Nov 2020 21:23
Operator : JU/CG
Sample : L4829-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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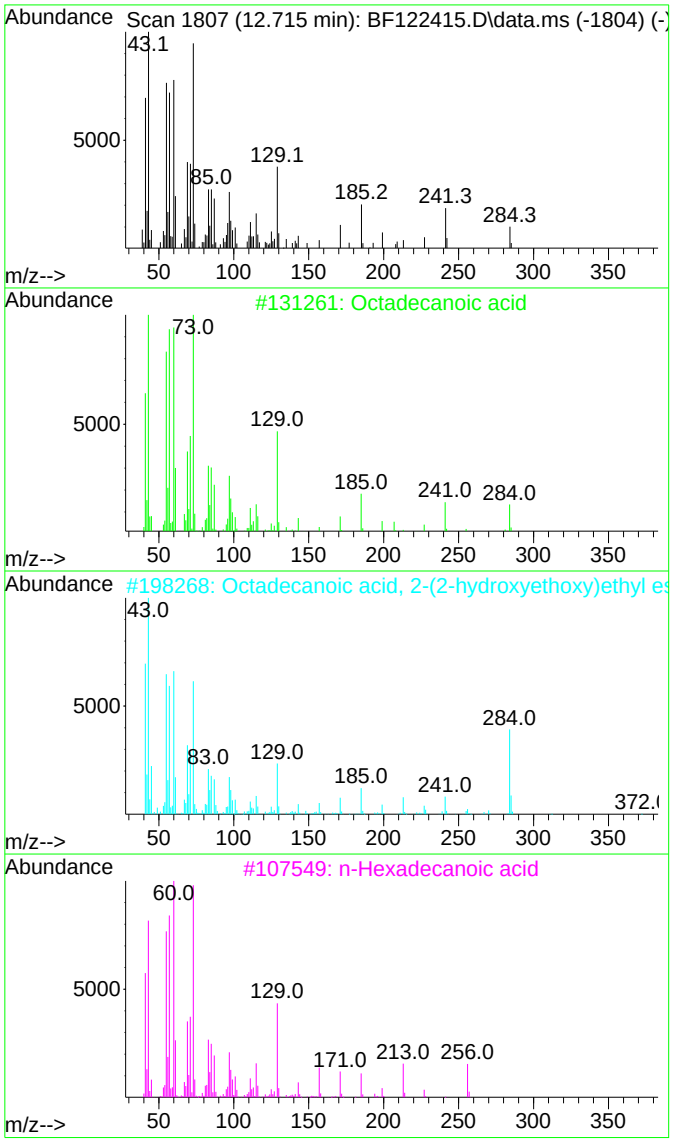
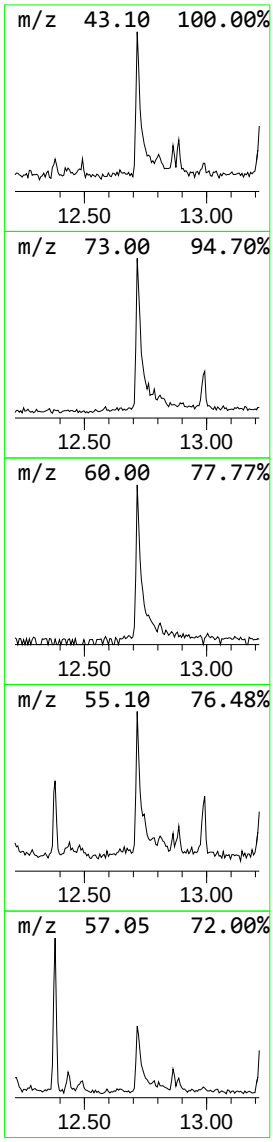
Peak Number 2 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.716 | 2.22 ng | 250045 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 90 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 5 | 1-Decanol, 2-octyl- | 270 | C18H38O | 045235-48-1 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122415.D
Acq On : 20 Nov 2020 21:23
Operator : JU/CG
Sample : L4829-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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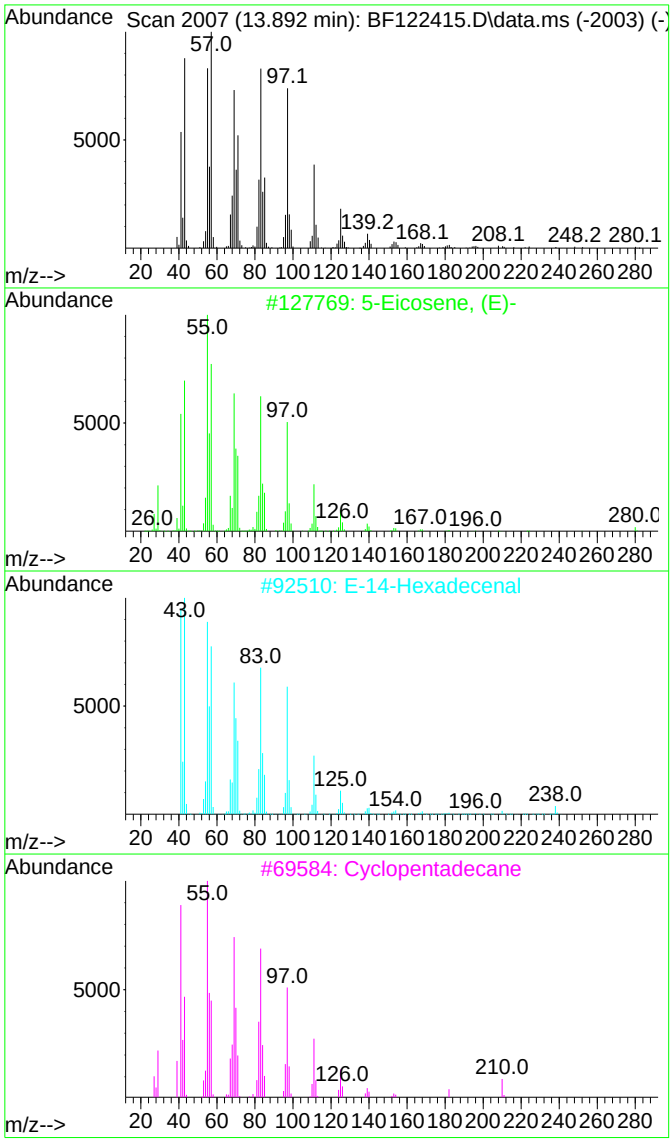
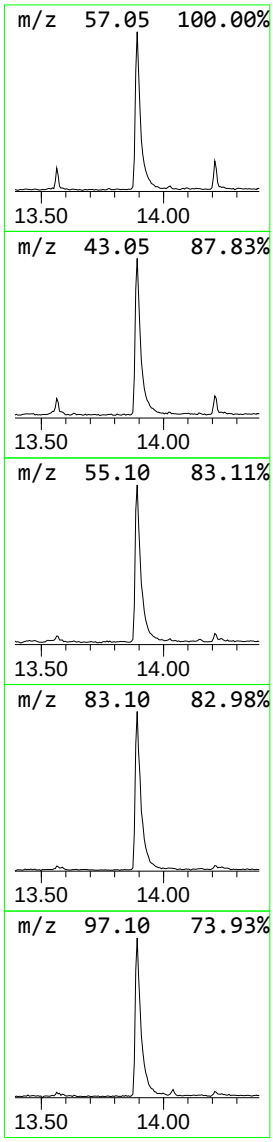
Peak Number 3 5-Eicosene, (E)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.892 | 13.32 ng | 1496440 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 98 |
| 2 | E-14-Hexadecenal | 238 | C16H30O | 330207-53-9 | 94 |
| 3 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 94 |
| 4 | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 959261-25-7 | 94 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122415.D
Acq On : 20 Nov 2020 21:23
Operator : JU/CG
Sample : L4829-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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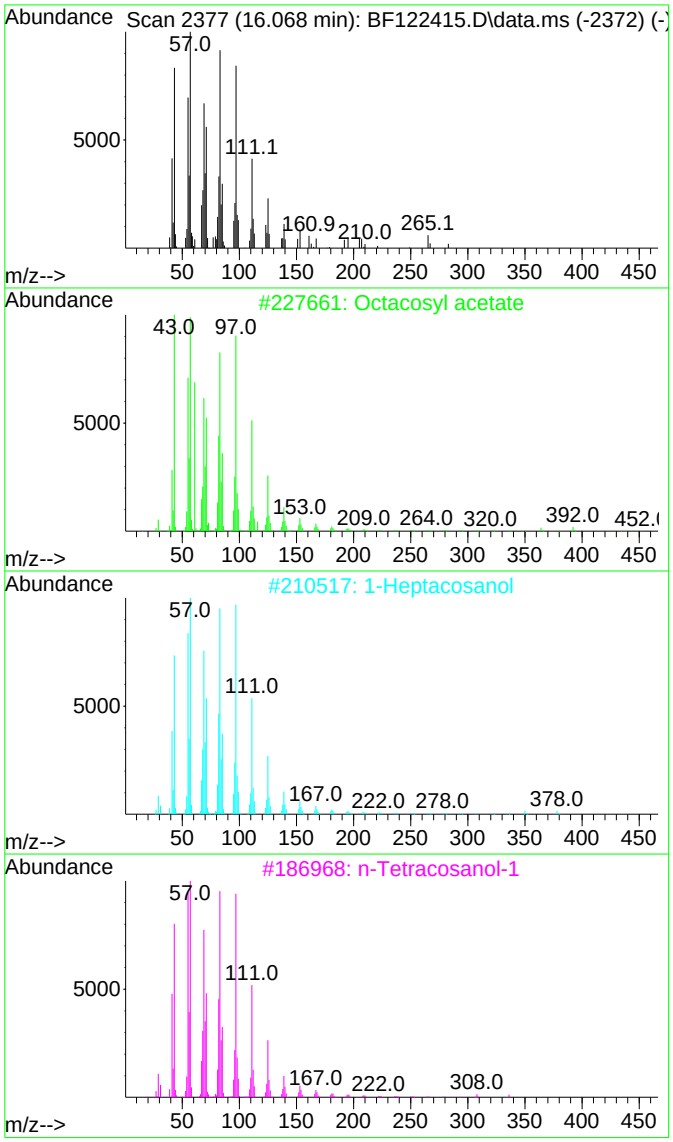
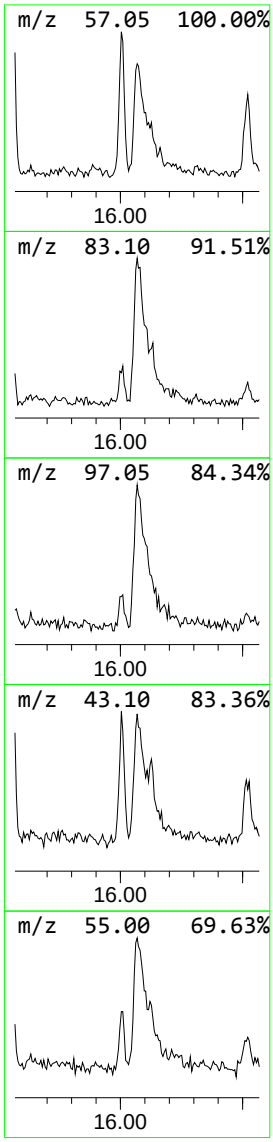
Peak Number 4 Octacosyl acetate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.068 | 2.11 ng | 242534 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosyl acetate | 452 | C30H60O2 | 018206-97-8 | 95 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 93 |
| 4 | Octacosanol | 410 | C28H58O | 000557-61-9 | 93 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122415.D
Acq On : 20 Nov 2020 21:23
Operator : JU/CG
Sample : L4829-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic ... | 11.927 | 4.1 | ng | 424534 | 4 | 11.392 | 2049850 | 20.0 |
| Octadecanoic acid | 12.716 | 2.2 | ng | 250045 | 5 | 14.039 | 2247730 | 20.0 |
| 5-Eicosene, (E)- | 13.892 | 13.3 | ng | 1496440 | 5 | 14.039 | 2247730 | 20.0 |
| Octacosyl acetate | 16.068 | 2.1 | ng | 242534 | 6 | 15.521 | 2297190 | 20.0 |