LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128200.D
Acq On : 11 May 2022 17:50
Operator : CG\JU
Sample : N2762-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB05

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128200.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.134 | 480 | 484 | 490 | rVB | 22848 | 28177 | 1.10% | 0.155% |
| 2 | 5.516 | 544 | 549 | 552 | rBV | 2160995 | 1996805 | 77.81% | 10.986% |
| 3 | 6.522 | 714 | 720 | 723 | rBV | 1974793 | 2118588 | 82.55% | 11.656% |
| 4 | 6.892 | 779 | 783 | 786 | rBV | 611524 | 570913 | 22.25% | 3.141% |
| 5 | 7.457 | 873 | 879 | 882 | rBV | 1452950 | 1440308 | 56.12% | 7.925% |
| 6 | 8.175 | 996 | 1001 | 1004 | rBV | 804181 | 744005 | 28.99% | 4.094% |
| 7 | 9.251 | 1178 | 1184 | 1187 | rBV | 2689557 | 2530589 | 98.61% | 13.923% |
| 8 | 9.933 | 1295 | 1300 | 1303 | rBV | 958877 | 869468 | 33.88% | 4.784% |
| 9 | 10.722 | 1430 | 1434 | 1438 | rBV | 1692565 | 1704755 | 66.43% | 9.380% |
| 10 | 11.422 | 1549 | 1553 | 1557 | rBV | 1106897 | 932115 | 36.32% | 5.128% |
| 11 | 11.939 | 1636 | 1641 | 1645 | rBV2 | 59711 | 56847 | 2.22% | 0.313% |
| 12 | 12.639 | 1756 | 1760 | 1763 | rBV | 53009 | 45509 | 1.77% | 0.250% |
| 13 | 12.869 | 1796 | 1799 | 1801 | rVB | 51042 | 39155 | 1.53% | 0.215% |
| 14 | 13.010 | 1818 | 1823 | 1826 | rBV | 2795575 | 2566312 | 100.00% | 14.120% |
| 15 | 13.221 | 1857 | 1859 | 1863 | rBV | 33091 | 28756 | 1.12% | 0.158% |
| 16 | 13.568 | 1913 | 1918 | 1921 | rBV2 | 33805 | 36883 | 1.44% | 0.203% |
| 17 | 13.892 | 1970 | 1973 | 1976 | rBV | 52880 | 50788 | 1.98% | 0.279% |
| 18 | 13.939 | 1976 | 1981 | 1995 | rVV5 | 104844 | 405083 | 15.78% | 2.229% |
| 19 | 14.068 | 1999 | 2003 | 2006 | rVV | 813795 | 755389 | 29.43% | 4.156% |
| 20 | 14.092 | 2006 | 2007 | 2014 | rVV | 48897 | 34628 | 1.35% | 0.191% |
| 21 | 14.157 | 2014 | 2018 | 2023 | rVV2 | 39080 | 48980 | 1.91% | 0.269% |
| 22 | 14.210 | 2024 | 2027 | 2030 | rVB | 39535 | 34281 | 1.34% | 0.189% |
| 23 | 14.515 | 2076 | 2079 | 2083 | rBV | 61003 | 55520 | 2.16% | 0.305% |
| 24 | 14.586 | 2086 | 2091 | 2093 | rBV4 | 51189 | 93330 | 3.64% | 0.514% |
| 25 | 14.827 | 2129 | 2132 | 2138 | rVB | 33457 | 35771 | 1.39% | 0.197% |
| 26 | 15.121 | 2177 | 2182 | 2185 | rBV | 34617 | 48410 | 1.89% | 0.266% |
| 27 | 15.174 | 2188 | 2191 | 2195 | rVB | 51133 | 56925 | 2.22% | 0.313% |
| 28 | 15.292 | 2203 | 2211 | 2228 | rBV10 | 28320 | 154132 | 6.01% | 0.848% |
| 29 | 15.433 | 2232 | 2235 | 2241 | rVB | 20609 | 31895 | 1.24% | 0.175% |
| 30 | 15.498 | 2242 | 2246 | 2252 | rVB2 | 25928 | 34402 | 1.34% | 0.189% |
| 31 | 15.562 | 2252 | 2257 | 2268 | rBV | 417456 | 555425 | 21.64% | 3.056% |
| 32 | 16.009 | 2328 | 2333 | 2341 | rVB | 47461 | 71064 | 2.77% | 0.391% |

Sum of corrected areas: 18175208

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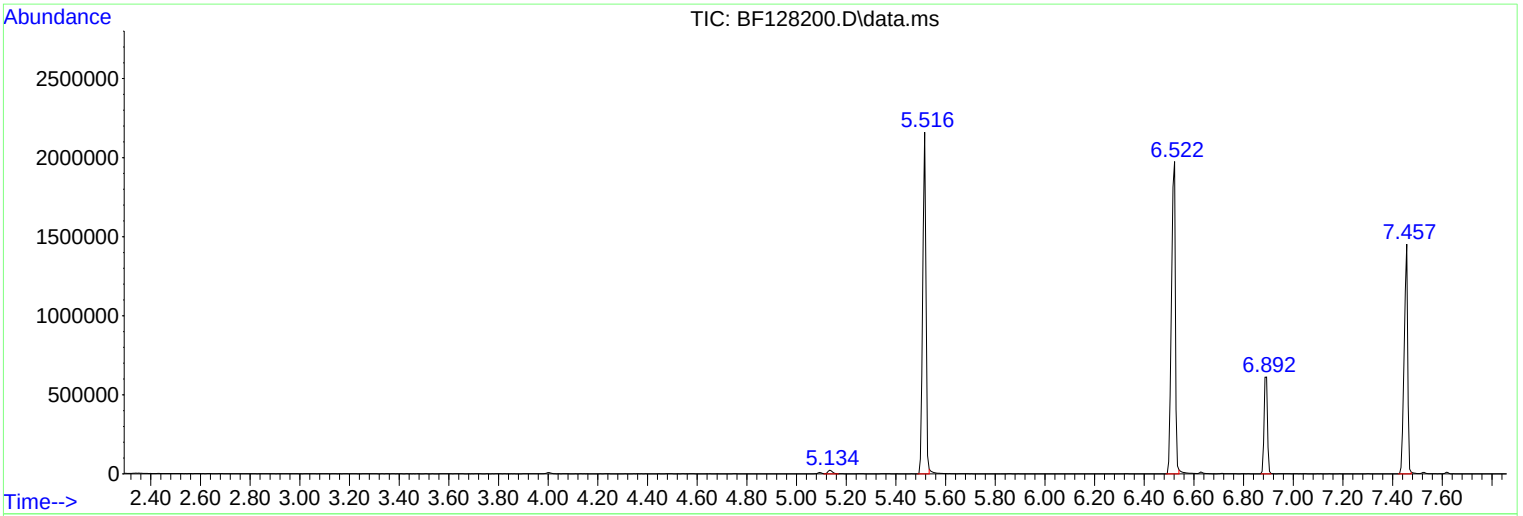
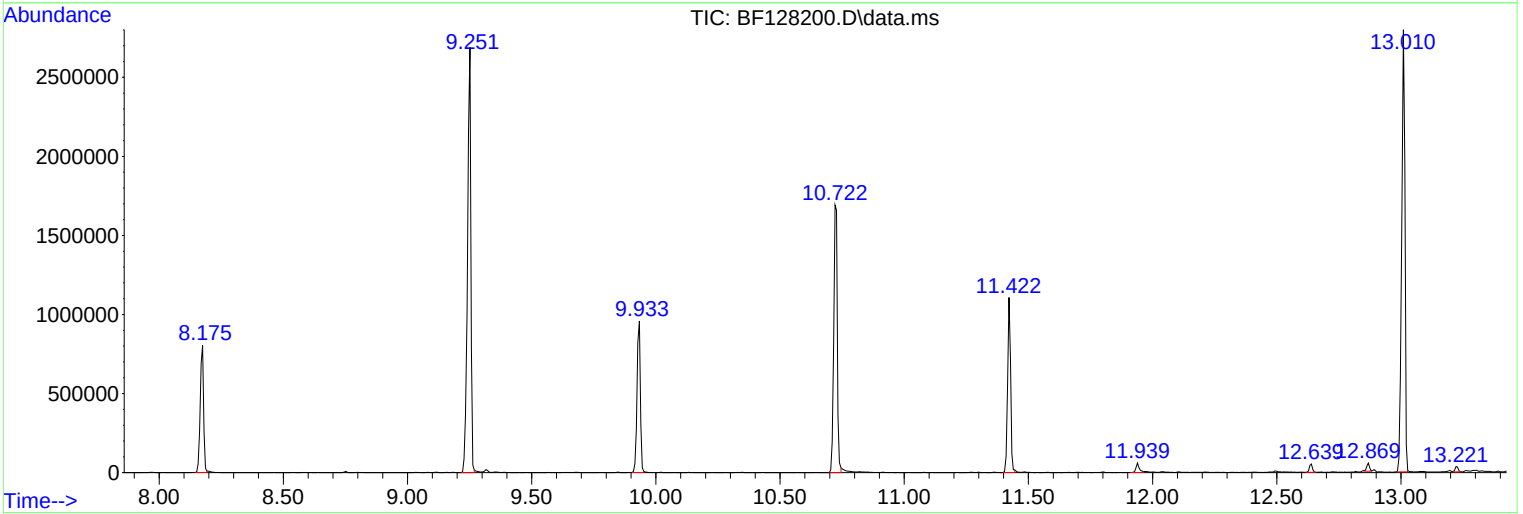
Misc :
ALS Vial : 11 Sample Multiplier: 1

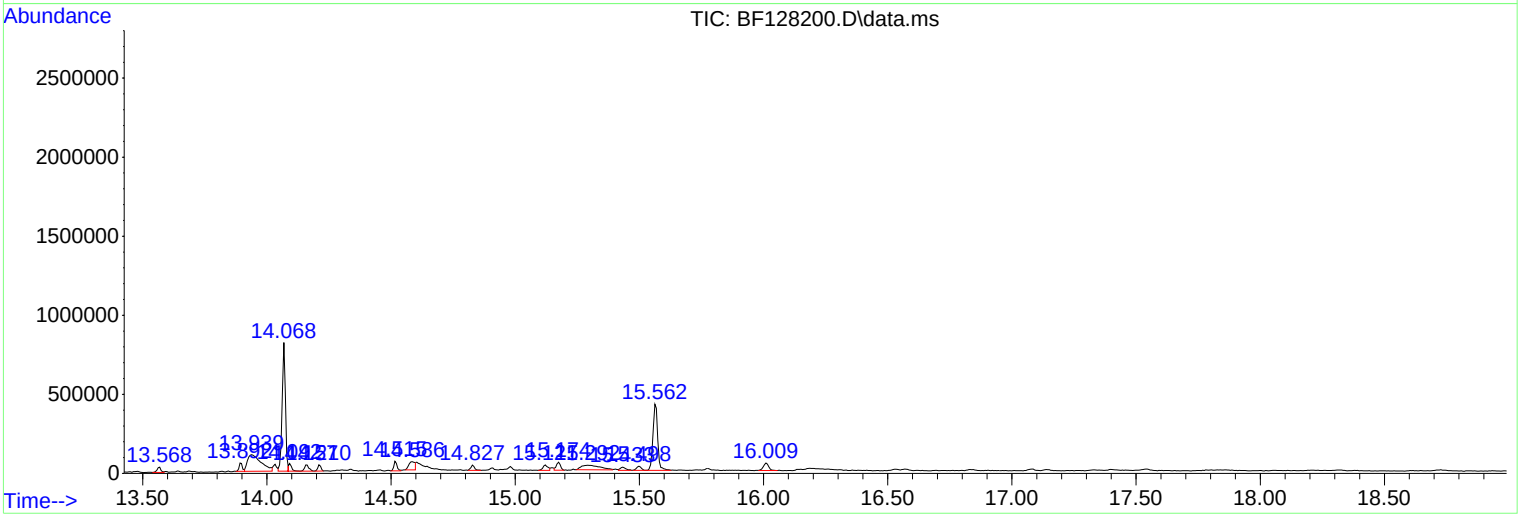
**Instrument :**
BNA_F
**ClientSampleId :**
SB05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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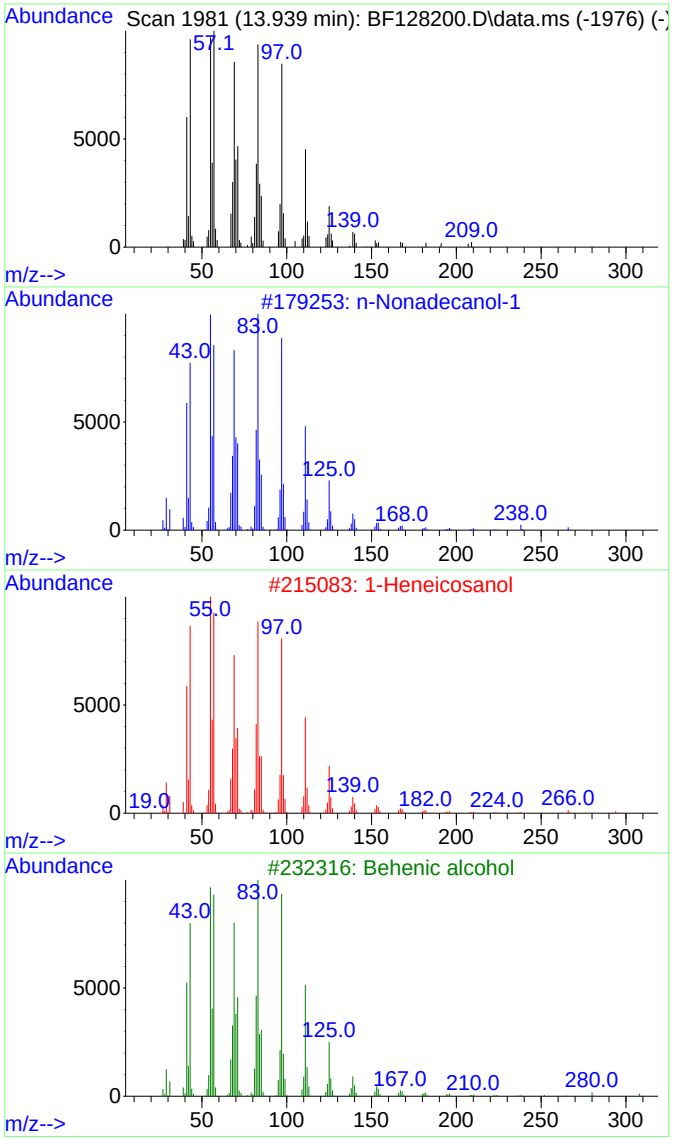
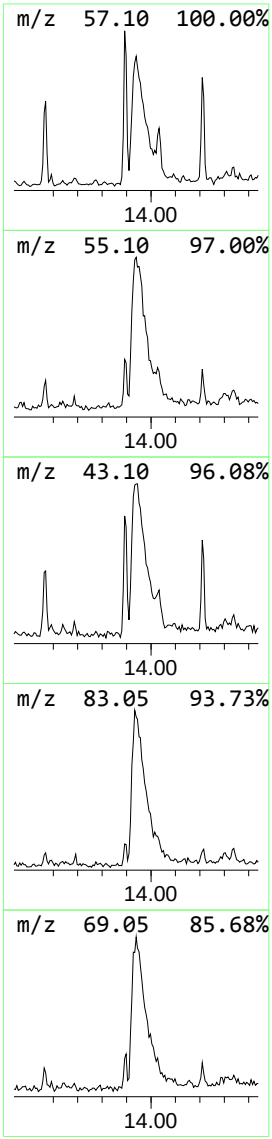
**********

Peak Number 1 n-Nonadecanol-1 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.939 | 10.73 ng | 405083 | Chrysene-d12 | 14.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 5 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 91 |



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Data File : BF128200.D
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Operator : CG\JU
Sample : N2762-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

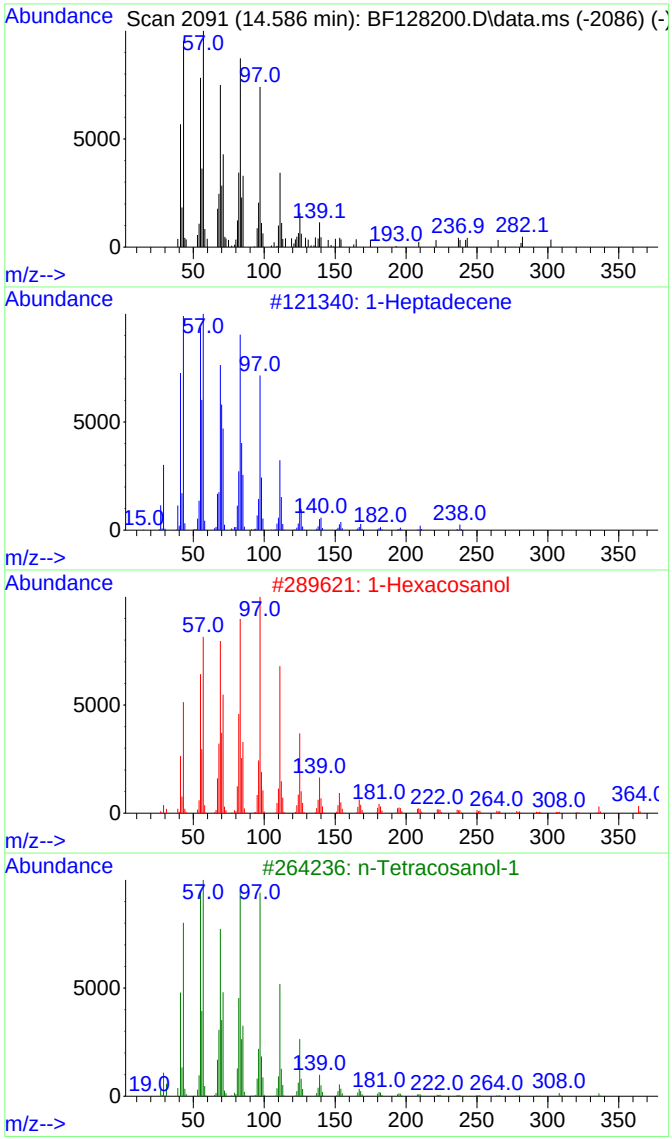
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

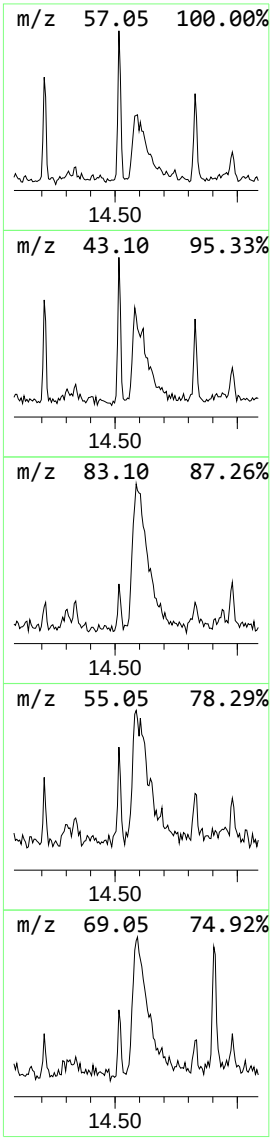
**********

Peak Number 2 1-Heptadecene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.586 | 2.47 ng | 93330 | Chrysene-d12 | 14.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptadecene | 238 | C17H34 | 006765-39-5 | 93 |
| 2 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 91 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 4 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 91 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 90 |



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Sample : N2762-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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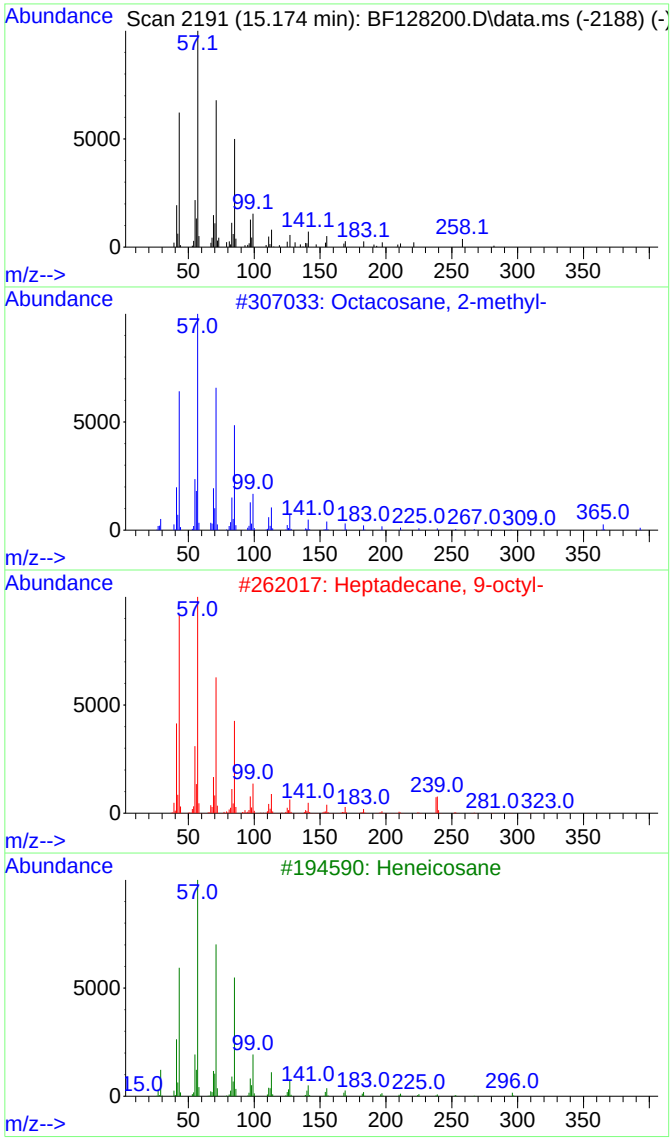
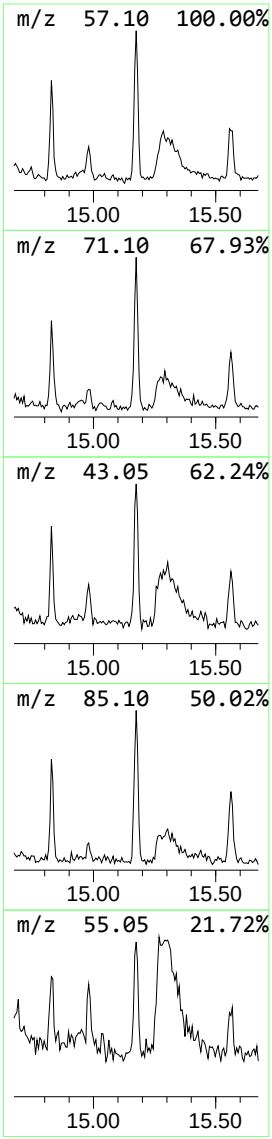
Peak Number 3 Octacosane, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.174 | 2.05 ng | 56925 | Perylene-d12 | 15.563 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 5 | Triacontane | 422 | C30H62 | 000638-68-6 | 90 |



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Sample : N2762-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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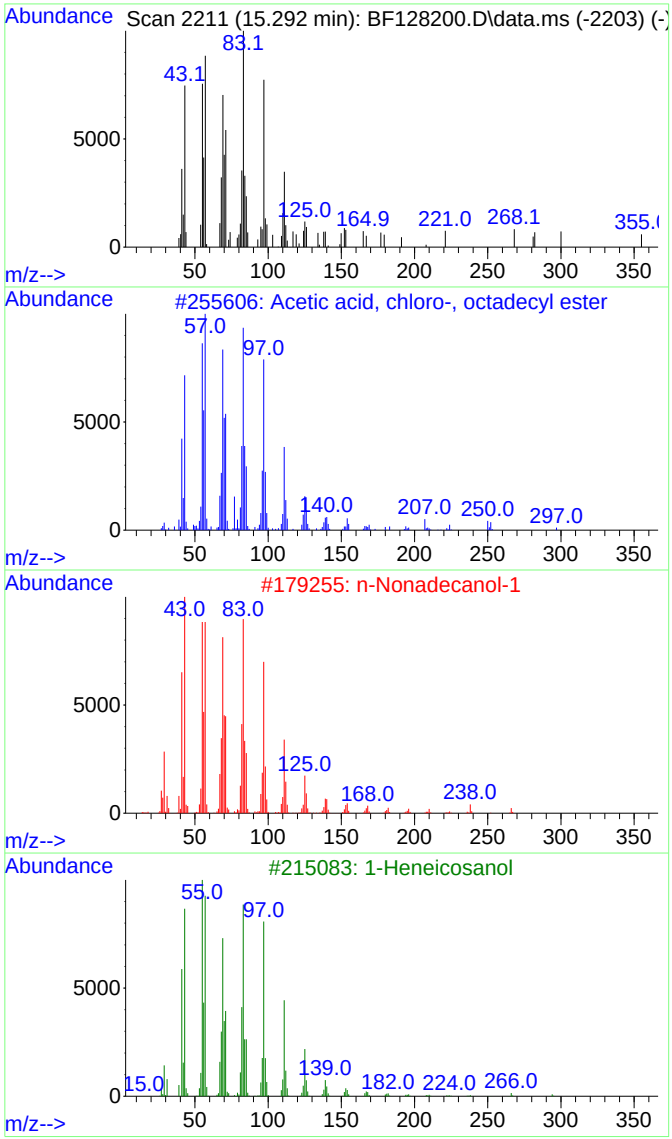
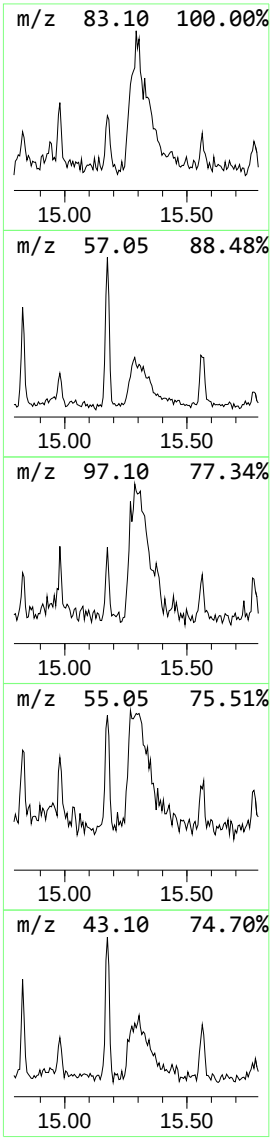
Peak Number 4 Acetic acid, chloro-, octad... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.292 | 5.55 ng | 154132 | Perylene-d12 | 15.563 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid, chloro-, octadecyl ... | 346 | C20H39ClO2 | 005348-82-3 | 91 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 91 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 80 |
| 4 | Acetic acid, chloro-, hexadecyl ... | 318 | C18H35ClO2 | 052132-58-8 | 58 |
| 5 | 1-Octadecanol | 270 | C18H38O | 000112-92-5 | 58 |



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ALS Vial : 11 Sample Multiplier: 1

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

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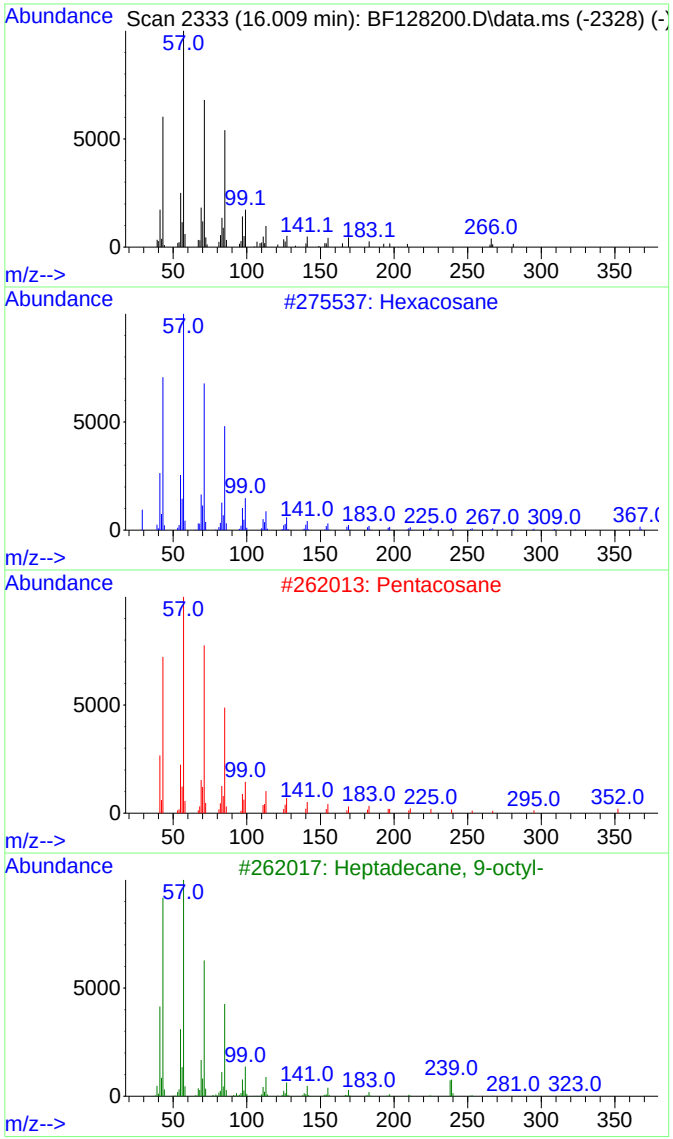
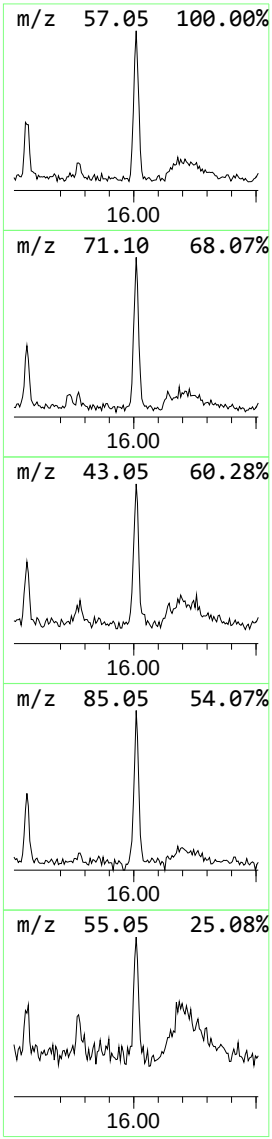
Peak Number 5 Hexacosane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.009 | 2.56 ng | 71064 | Perylene-d12 | 15.563 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |
| 3 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |



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 |
| n-Nonadecanol-1 | 13.939 | 10.7 | ng | 405083 | 5 | 14.069 | 755389 | 20.0 |
| 1-Heptadecene | 14.586 | 2.5 | ng | 93330 | 5 | 14.069 | 755389 | 20.0 |
| Octacosane, 2-m... | 15.174 | 2.0 | ng | 56925 | 6 | 15.563 | 555425 | 20.0 |
| Acetic acid, ch... | 15.292 | 5.5 | ng | 154132 | 6 | 15.563 | 555425 | 20.0 |
| Hexacosane | 16.009 | 2.6 | ng | 71064 | 6 | 15.563 | 555425 | 20.0 |