LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
Data File : BF122711.D
Acq On : 14 Dec 2020 17:56
Operator : JU/CG
Sample : L5046-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 11920

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122711.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.204 | 15 | 20 | 26 | rVB3 | 38858 | 71381 | 1.84% | 0.332% |
| 2 | 5.340 | 549 | 553 | 565 | rBV2 | 27657 | 70192 | 1.81% | 0.326% |
| 3 | 5.451 | 568 | 572 | 588 | rVV | 1064503 | 1094780 | 28.23% | 5.090% |
| 4 | 6.463 | 740 | 744 | 763 | rBV2 | 700065 | 984686 | 25.39% | 4.578% |
| 5 | 6.834 | 804 | 807 | 816 | rBV | 1024035 | 816862 | 21.07% | 3.798% |
| 6 | 7.398 | 898 | 903 | 906 | rBV | 1924209 | 1778624 | 45.87% | 8.269% |
| 7 | 7.598 | 934 | 937 | 943 | rVB | 61651 | 51297 | 1.32% | 0.238% |
| 8 | 8.122 | 1022 | 1026 | 1029 | rBV | 1172337 | 1053014 | 27.15% | 4.895% |
| 9 | 8.151 | 1029 | 1031 | 1042 | rVB2 | 57511 | 80393 | 2.07% | 0.374% |
| 10 | 9.086 | 1184 | 1190 | 1193 | rBV2 | 30217 | 42953 | 1.11% | 0.200% |
| 11 | 9.198 | 1203 | 1209 | 1212 | rBV | 4206391 | 3877794 | 100.00% | 18.028% |
| 12 | 9.586 | 1271 | 1275 | 1279 | rBV | 235911 | 218034 | 5.62% | 1.014% |
| 13 | 9.875 | 1320 | 1324 | 1328 | rBV | 1525673 | 1296432 | 33.43% | 6.027% |
| 14 | 9.910 | 1328 | 1330 | 1335 | rVB | 50504 | 42621 | 1.10% | 0.198% |
| 15 | 10.663 | 1451 | 1458 | 1468 | rBV | 2074224 | 2077902 | 53.58% | 9.660% |
| 16 | 11.298 | 1564 | 1566 | 1571 | rBV | 43963 | 46057 | 1.19% | 0.214% |
| 17 | 11.363 | 1573 | 1577 | 1584 | rVV | 1283558 | 1272916 | 32.83% | 5.918% |
| 18 | 11.886 | 1663 | 1666 | 1667 | rBV | 69193 | 56579 | 1.46% | 0.263% |
| 19 | 12.451 | 1760 | 1762 | 1766 | rVB2 | 51340 | 45554 | 1.17% | 0.212% |
| 20 | 12.674 | 1797 | 1800 | 1806 | rBV5 | 62719 | 98330 | 2.54% | 0.457% |
| 21 | 12.945 | 1842 | 1846 | 1850 | rBV | 3651516 | 3782702 | 97.55% | 17.585% |
| 22 | 13.874 | 2001 | 2004 | 2010 | rBV3 | 136707 | 213207 | 5.50% | 0.991% |
| 23 | 13.980 | 2019 | 2022 | 2023 | rBV | 321904 | 284723 | 7.34% | 1.324% |
| 24 | 13.998 | 2023 | 2025 | 2031 | rVB | 993862 | 977572 | 25.21% | 4.545% |
| 25 | 14.315 | 2077 | 2079 | 2083 | rVB | 141637 | 142127 | 3.67% | 0.661% |
| 26 | 15.462 | 2270 | 2274 | 2281 | rBV2 | 754994 | 1033700 | 26.66% | 4.806% |

Sum of corrected areas: 21510432

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**ClientSampleId :**
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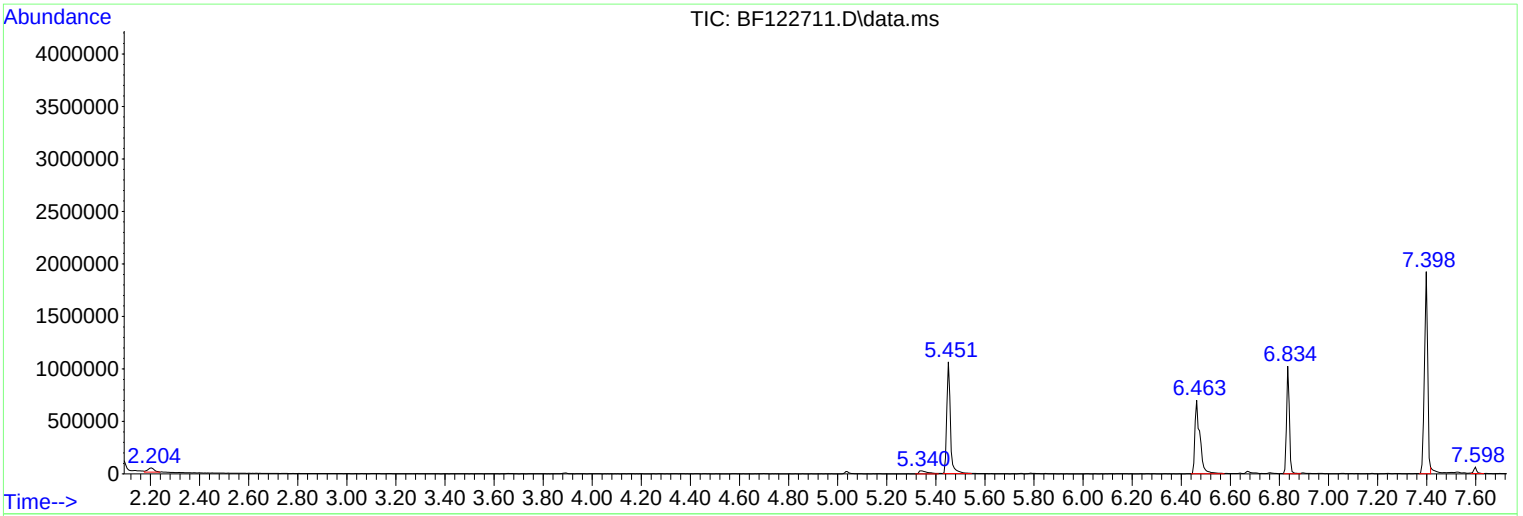
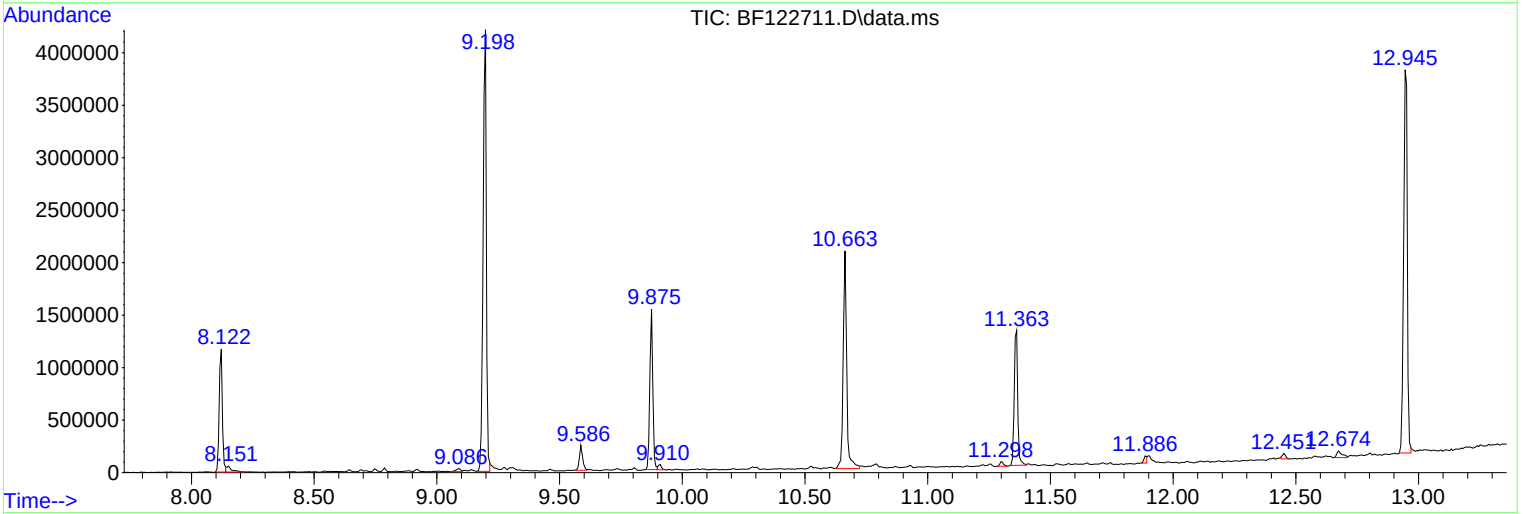
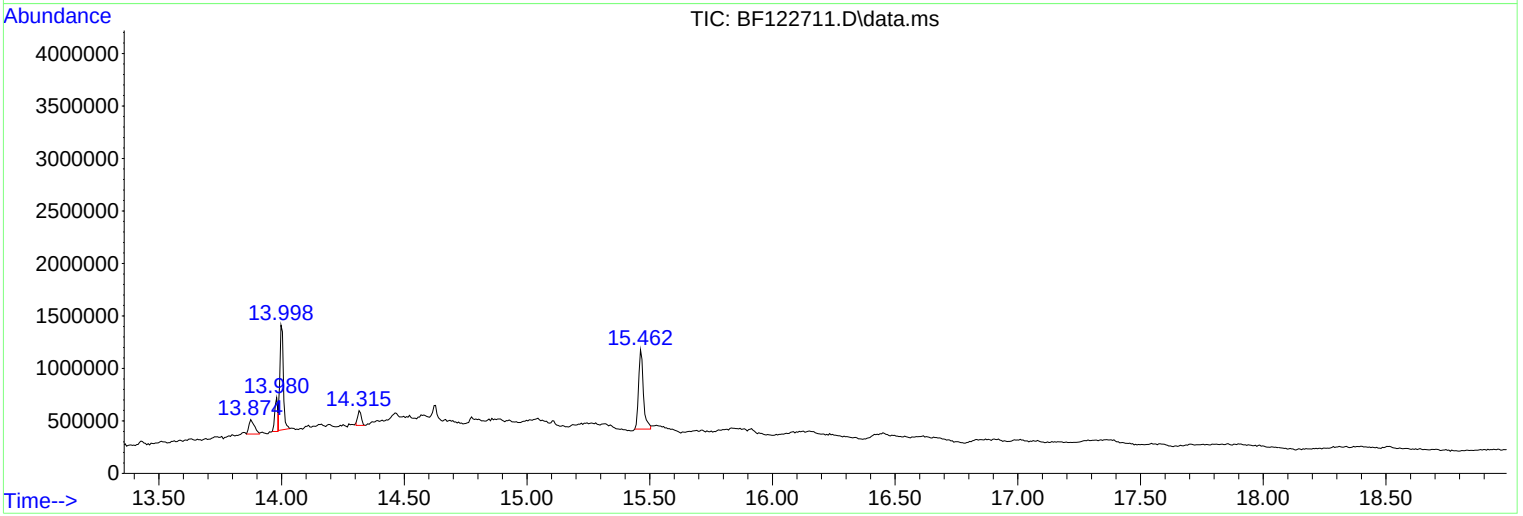
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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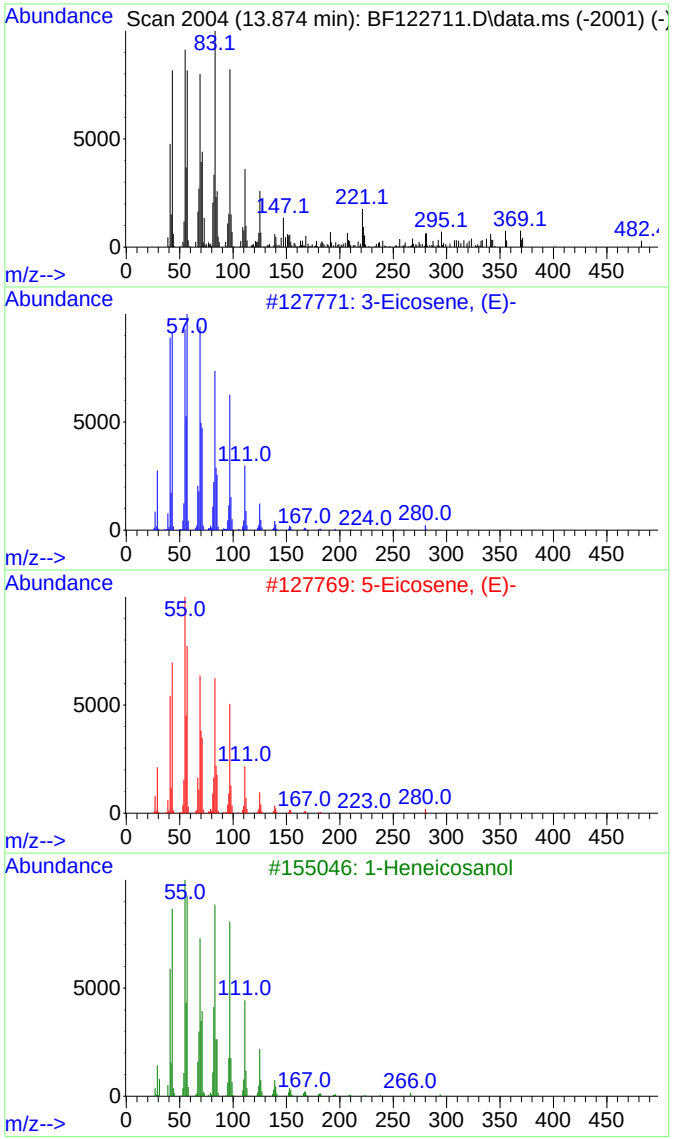
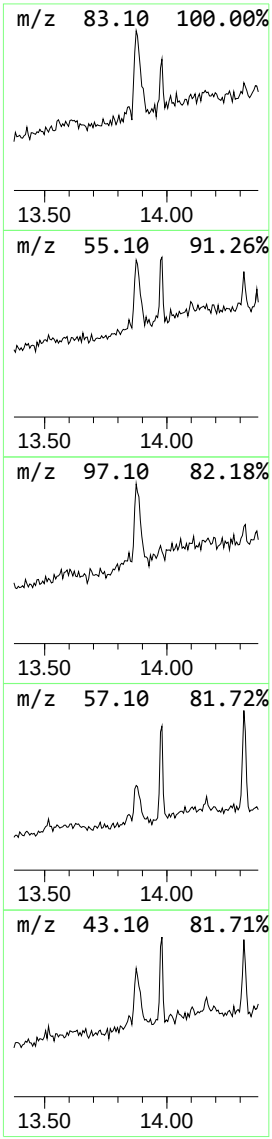
Peak Number 1 3-Eicosene, (E)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 4.36 ng | 213207 | Chrysene-d12 | 13.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 99 |
| 2 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 98 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 90 |



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

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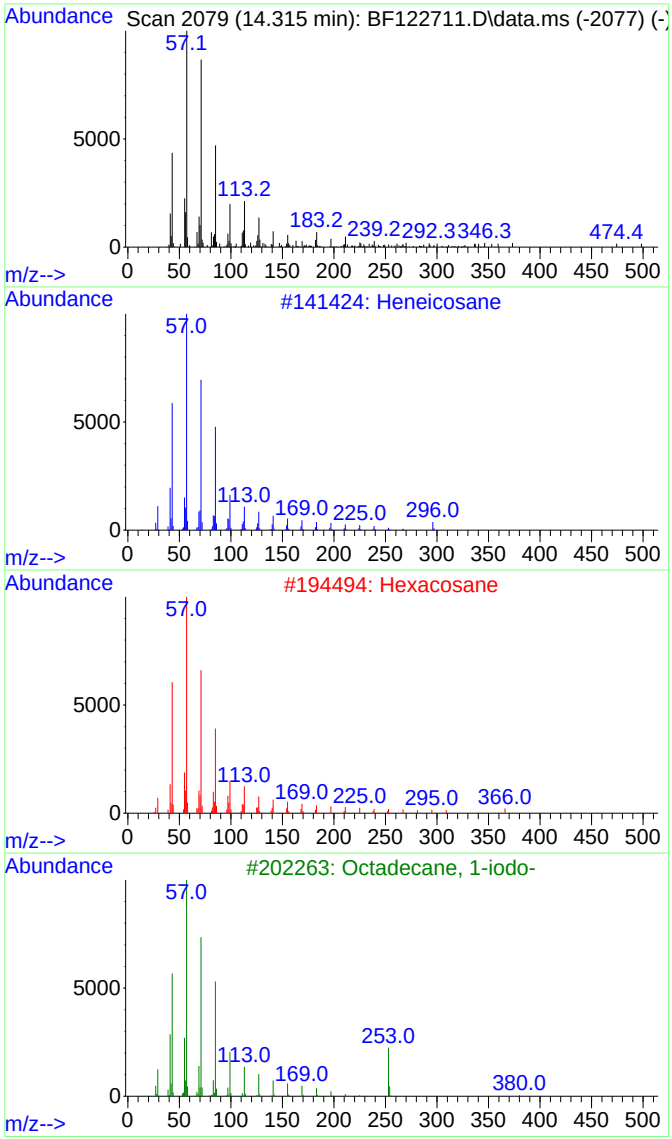
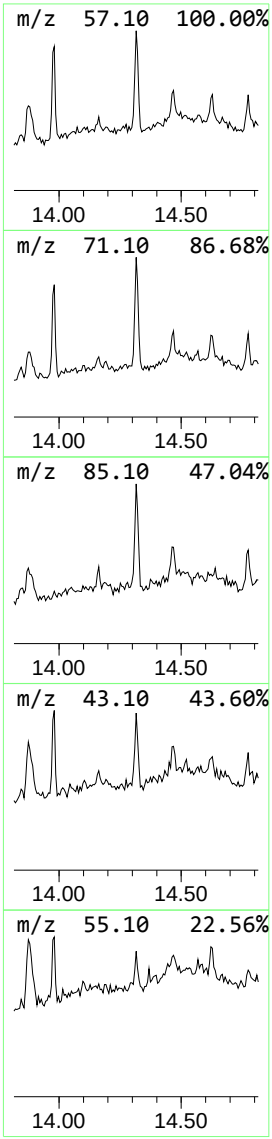
Peak Number 2 Heneicosane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.315 | 2.91 ng | 142127 | Chrysene-d12 | 13.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 93 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 86 |
| 3 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 86 |
| 4 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 86 |
| 5 | Docosane, 11-decyl- | 451 | C32H66 | 055401-55-3 | 86 |



Tentatively Identified Compound (LSC) summary

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 3-Eicosene, (E)- | 13.874 | 4.4 | ng | 213207 | 5 | 13.998 | 977572 | 20.0 |
| Heneicosane | 14.315 | 2.9 | ng | 142127 | 5 | 13.998 | 977572 | 20.0 |