LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RVE-60

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129490.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.510 | 544 | 548 | 561 | rBV | 3720007 | 3438185 | 40.49% | 6.937% |
| 2 | 6.522 | 715 | 720 | 723 | rBV | 3920530 | 3377386 | 39.77% | 6.814% |
| 3 | 6.875 | 776 | 780 | 783 | rBV | 1279659 | 991124 | 11.67% | 2.000% |
| 4 | 7.439 | 871 | 876 | 879 | rBV | 2746355 | 2337991 | 27.53% | 4.717% |
| 5 | 8.157 | 994 | 998 | 1001 | rBV | 1531509 | 1229695 | 14.48% | 2.481% |
| 6 | 9.233 | 1176 | 1181 | 1184 | rBV | 4141266 | 3926383 | 46.24% | 7.922% |
| 7 | 9.828 | 1279 | 1282 | 1286 | rBV2 | 117175 | 102654 | 1.21% | 0.207% |
| 8 | 9.910 | 1293 | 1296 | 1300 | rVB | 1274248 | 1132427 | 13.34% | 2.285% |
| 9 | 10.328 | 1361 | 1367 | 1370 | rVB | 77494 | 85091 | 1.00% | 0.172% |
| 10 | 10.704 | 1427 | 1431 | 1437 | rBV | 2005535 | 1696125 | 19.97% | 3.422% |
| 11 | 11.404 | 1546 | 1550 | 1552 | rBV | 961409 | 902804 | 10.63% | 1.822% |
| 12 | 11.922 | 1633 | 1638 | 1645 | rBV2 | 382975 | 367010 | 4.32% | 0.740% |
| 13 | 12.616 | 1753 | 1756 | 1760 | rBV | 169961 | 201145 | 2.37% | 0.406% |
| 14 | 12.845 | 1792 | 1795 | 1798 | rVB | 182195 | 135334 | 1.59% | 0.273% |
| 15 | 12.986 | 1815 | 1819 | 1822 | rVB | 3513777 | 2834490 | 33.38% | 5.719% |
| 16 | 13.198 | 1852 | 1855 | 1858 | rVB | 125445 | 122921 | 1.45% | 0.248% |
| 17 | 13.627 | 1910 | 1928 | 1929 | rBV9 | 518002 | 1989067 | 23.42% | 4.013% |
| 18 | 13.874 | 1967 | 1970 | 1981 | rBV | 643924 | 922028 | 10.86% | 1.860% |
| 19 | 14.045 | 1995 | 1999 | 2002 | rVV | 1122576 | 987440 | 11.63% | 1.992% |
| 20 | 14.186 | 2021 | 2023 | 2026 | rBV | 94103 | 98074 | 1.15% | 0.198% |
| 21 | 14.316 | 2042 | 2045 | 2048 | rVB | 109669 | 94065 | 1.11% | 0.190% |
| 22 | 14.492 | 2072 | 2075 | 2077 | rBV | 438596 | 395888 | 4.66% | 0.799% |
| 23 | 14.515 | 2077 | 2079 | 2084 | rVB3 | 174763 | 235097 | 2.77% | 0.474% |
| 24 | 14.798 | 2124 | 2127 | 2131 | rVV | 122189 | 128238 | 1.51% | 0.259% |
| 25 | 14.880 | 2138 | 2141 | 2146 | rVB | 93451 | 103202 | 1.22% | 0.208% |
| 26 | 14.951 | 2149 | 2153 | 2158 | rVB | 529806 | 500729 | 5.90% | 1.010% |
| 27 | 15.092 | 2174 | 2177 | 2182 | rBV | 84131 | 124554 | 1.47% | 0.251% |
| 28 | 15.145 | 2182 | 2186 | 2189 | rBV | 589872 | 624368 | 7.35% | 1.260% |
| 29 | 15.180 | 2189 | 2192 | 2198 | rBV3 | 257613 | 499784 | 5.89% | 1.008% |
| 30 | 15.462 | 2237 | 2240 | 2245 | rVB | 124322 | 156719 | 1.85% | 0.316% |
| 31 | 15.533 | 2246 | 2252 | 2256 | rBV | 789690 | 1018637 | 12.00% | 2.055% |
| 32 | 15.733 | 2282 | 2286 | 2295 | rVB | 465894 | 735150 | 8.66% | 1.483% |
| 33 | 15.974 | 2321 | 2327 | 2333 | rVB | 882435 | 1397043 | 16.45% | 2.819% |
| 34 | 16.045 | 2334 | 2339 | 2345 | rBV2 | 220249 | 574247 | 6.76% | 1.159% |
| 35 | 16.221 | 2365 | 2369 | 2373 | rBV3 | 67509 | 112205 | 1.32% | 0.226% |
| 36 | 16.480 | 2411 | 2413 | 2426 | rVB3 | 106479 | 223201 | 2.63% | 0.450% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 16.786 | 2459 | 2465 | 2472 | rVB | 414537 | 747567 | 8.80% | 1.508% |
| 38 | 17.086 | 2511 | 2516 | 2524 | rVB | 538826 | 1140700 | 13.43% | 2.302% |
| 39 | 17.204 | 2525 | 2536 | 2545 | rBV | 3658993 | 8491333 | 100.00% | 17.132% |
| 40 | 17.527 | 2585 | 2591 | 2600 | rVB2 | 522041 | 1164476 | 13.71% | 2.349% |
| 41 | 17.627 | 2601 | 2608 | 2623 | rBV6 | 284376 | 1067301 | 12.57% | 2.153% |
| 42 | 18.033 | 2670 | 2677 | 2685 | rVB5 | 398727 | 1023696 | 12.06% | 2.065% |
| 43 | 18.239 | 2705 | 2712 | 2723 | rVB2 | 421724 | 1179210 | 13.89% | 2.379% |
| 44 | 18.656 | 2775 | 2783 | 2798 | rVB4 | 312841 | 948170 | 11.17% | 1.913% |

Sum of corrected areas: 49562954

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
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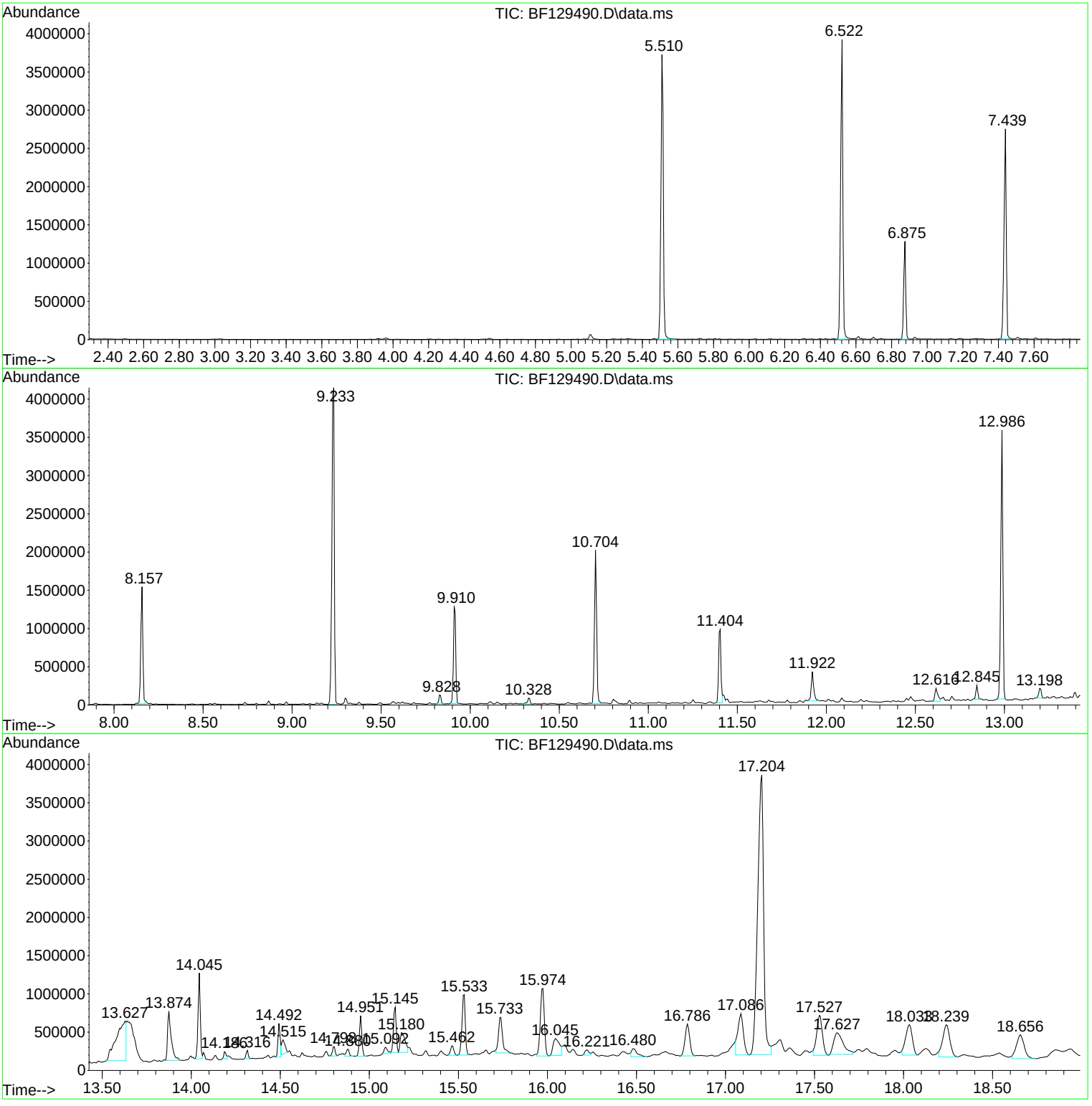
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

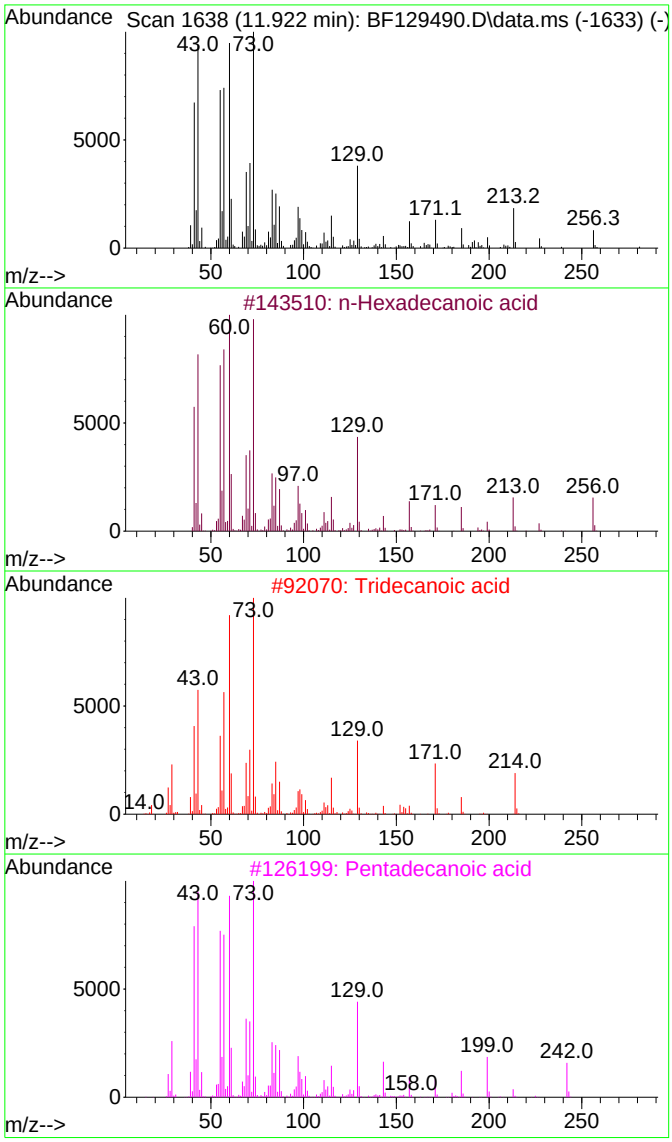
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

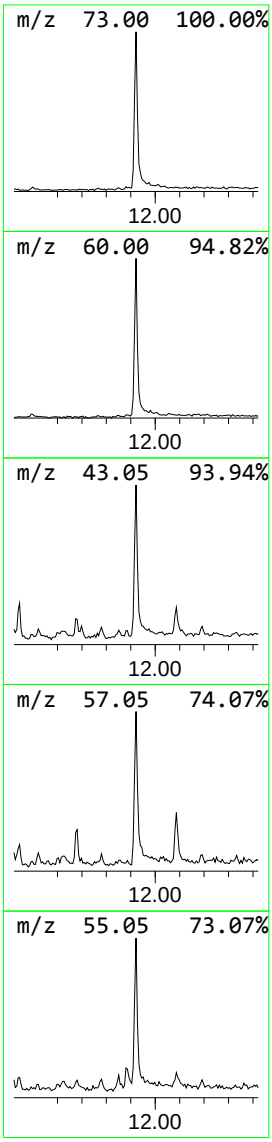
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.922 | 8.13 ng | 367010 | Phenanthrene-d10 | 11.404 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 87 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

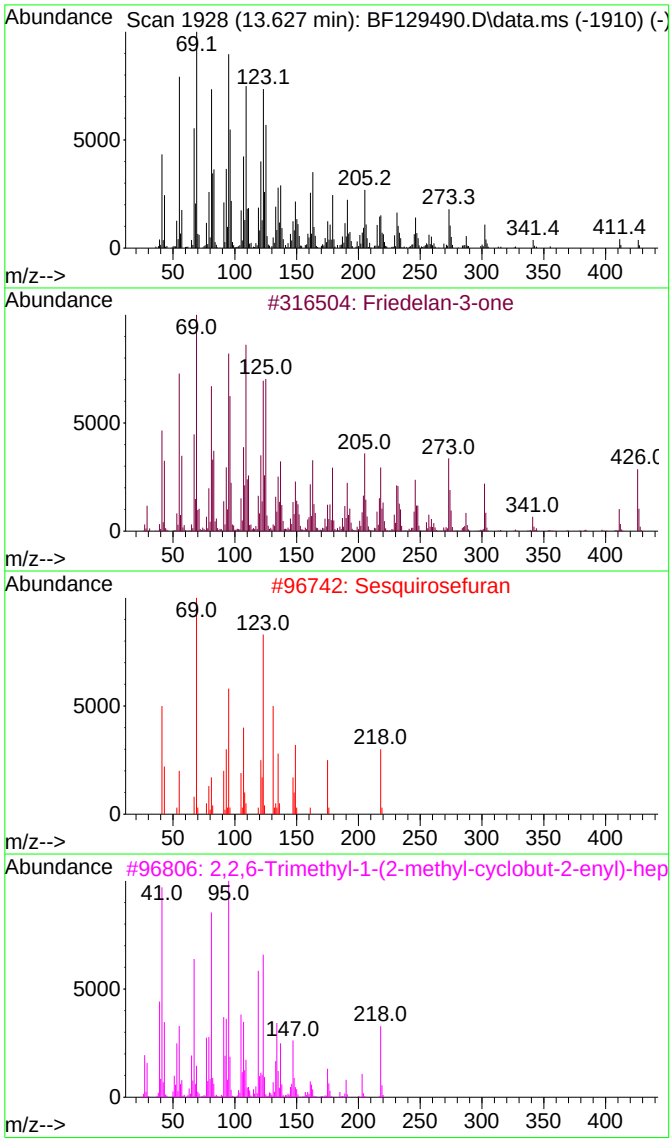
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

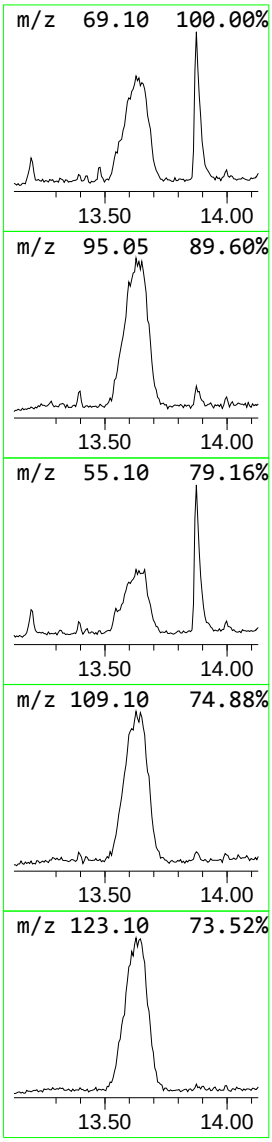
**********

Peak Number 2 Friedelan-3-one Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.627 | 40.29 ng | 1989070 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Friedelan-3-one | 426 | C30H50O | 000559-74-0 | 99 |
| 2 | Sesquirosefuran | 218 | C15H22O | 039007-93-7 | 66 |
| 3 | 2,2,6-Trimethyl-1-(2-methyl-cycl... | 218 | C15H22O | 1000188-72-8 | 64 |
| 4 | 3-Cyclopentylpropionic acid, but... | 194 | C12H18O2 | 1000292-46-4 | 64 |
| 5 | Cyclohexanone, 2,3,3-trimethyl-2... | 206 | C14H22O | 069296-90-8 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

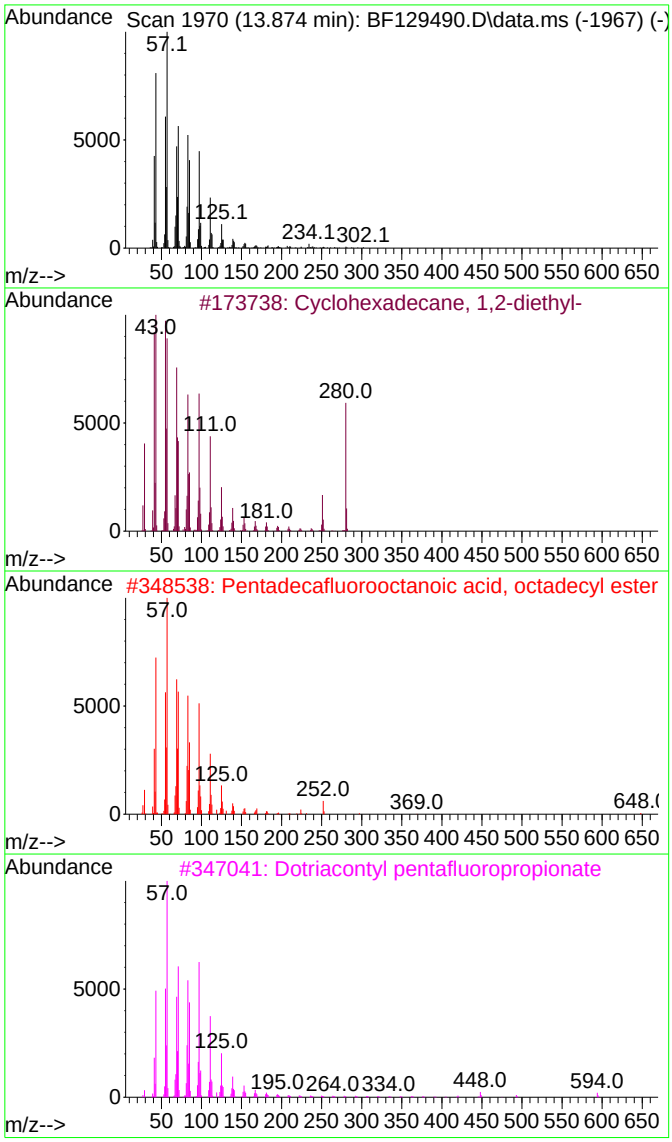
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

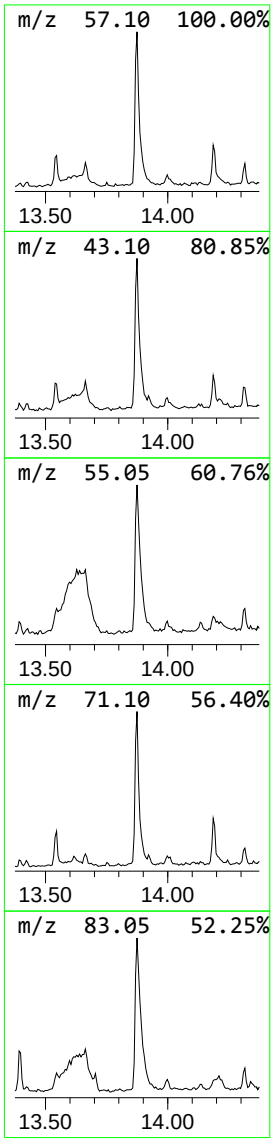
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Cyclohexadecane, 1,2-diethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 18.68 ng | 922028 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane, 1,2-diethyl- | 280 | C20H40 | 1000155-85-3 | 95 |
| 2 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93 |
| 3 | Dotriacontyl pentafluoropropionate | 612 | C35H65F5O2 | 1010351-81-4 | 91 |
| 4 | Octacosyl trifluoroacetate | 506 | C30H57F3O2 | 1000351-74-9 | 91 |
| 5 | Triacontyl heptafluorobutyrate | 634 | C34H61F7O2 | 1000351-83-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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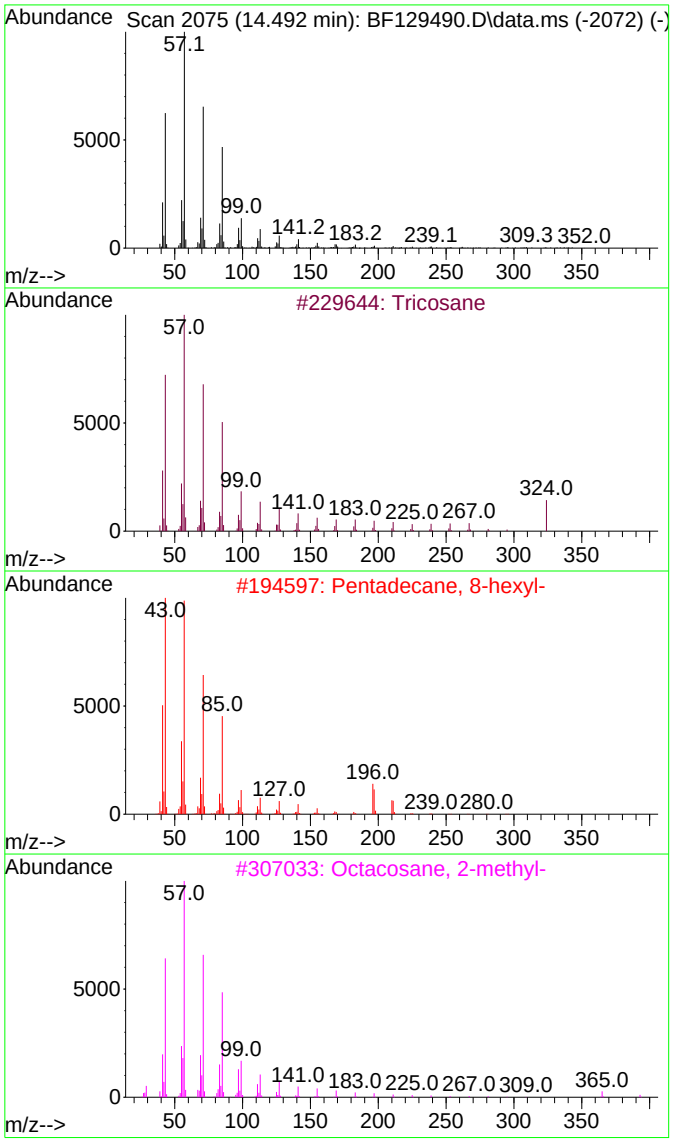
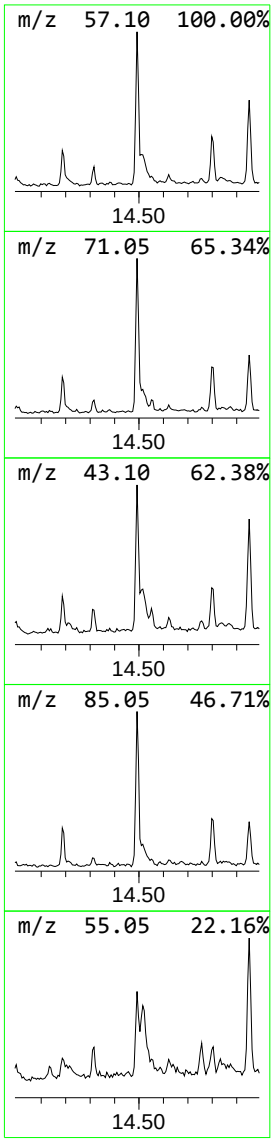
Peak Number 4 Tricosane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.492 | 8.02 ng | 395888 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 95 |
| 2 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 93 |
| 3 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

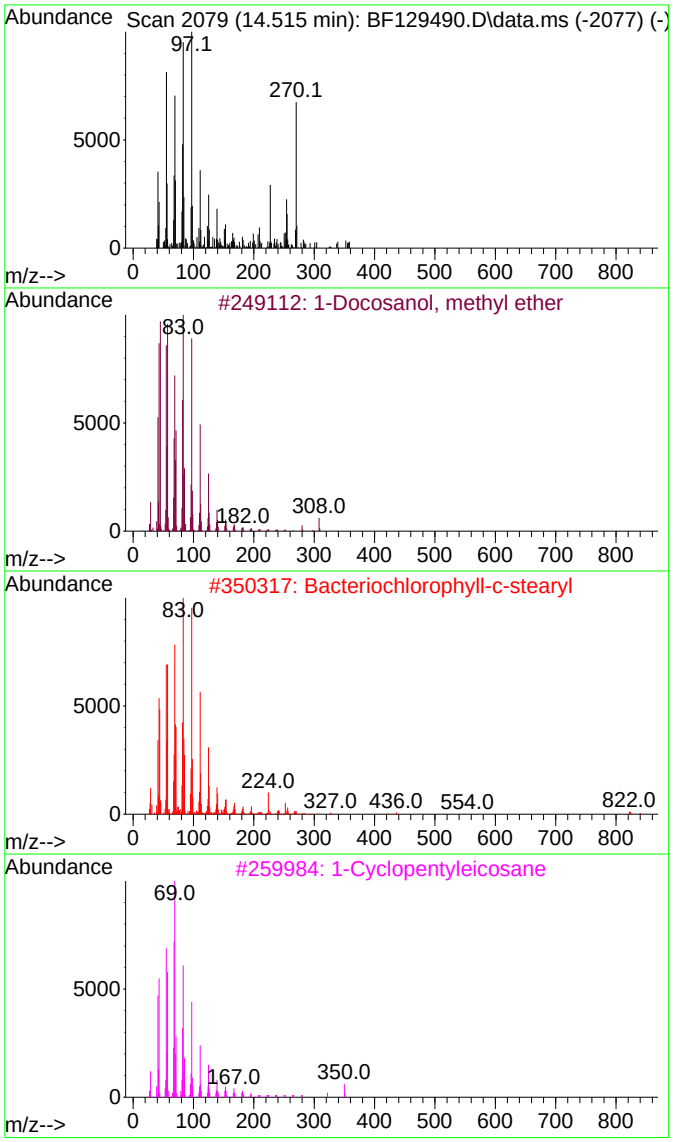
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

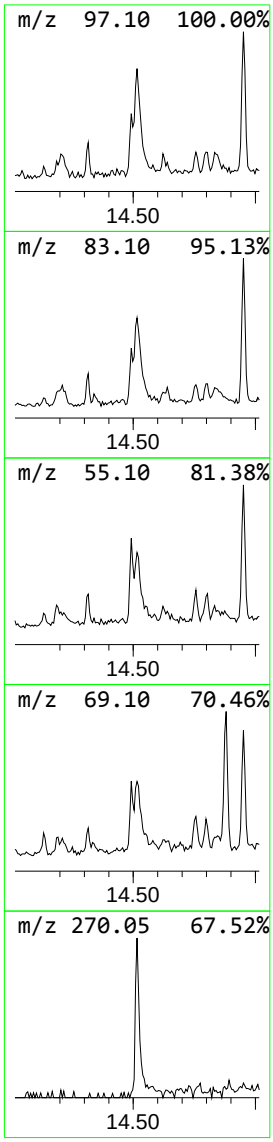
**********

Peak Number 5 1-Docosanol, methyl ether Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.515 | 4.76 ng | 235097 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosanol, methyl ether | 340 | C23H48O | 1000333-91-9 | 53 |
| 2 | Bacteriochlorophyll-c-stearyl | 841 | C52H72MgN4O4 | 1010164-49-7 | 49 |
| 3 | 1-Cyclopentyleicosane | 350 | C25H50 | 1000357-25-6 | 47 |
| 4 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 46 |
| 5 | 1-Octadecanol | 270 | C18H38O | 000112-92-5 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

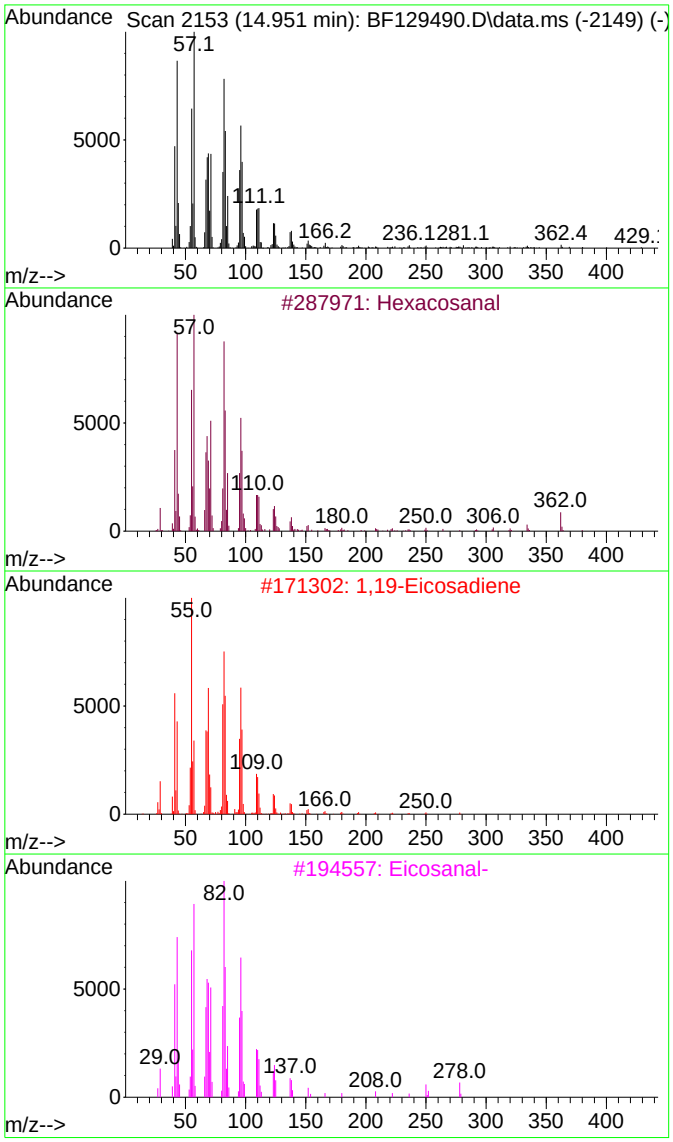
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

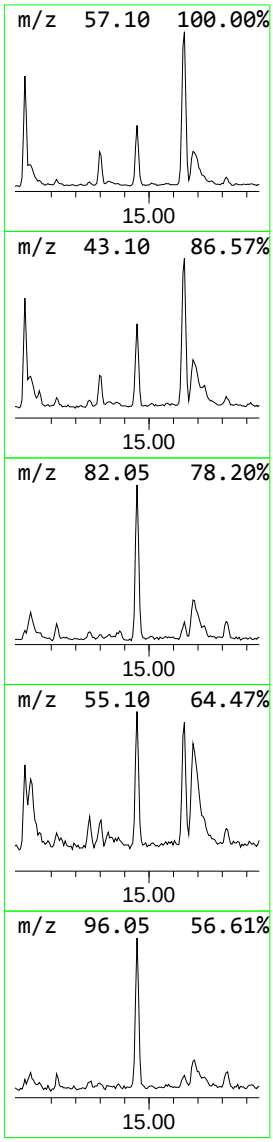
**********

Peak Number 6 Hexacosanal Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.951 | 9.83 ng | 500729 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 97 |
| 2 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 95 |
| 3 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 94 |
| 4 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 5 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

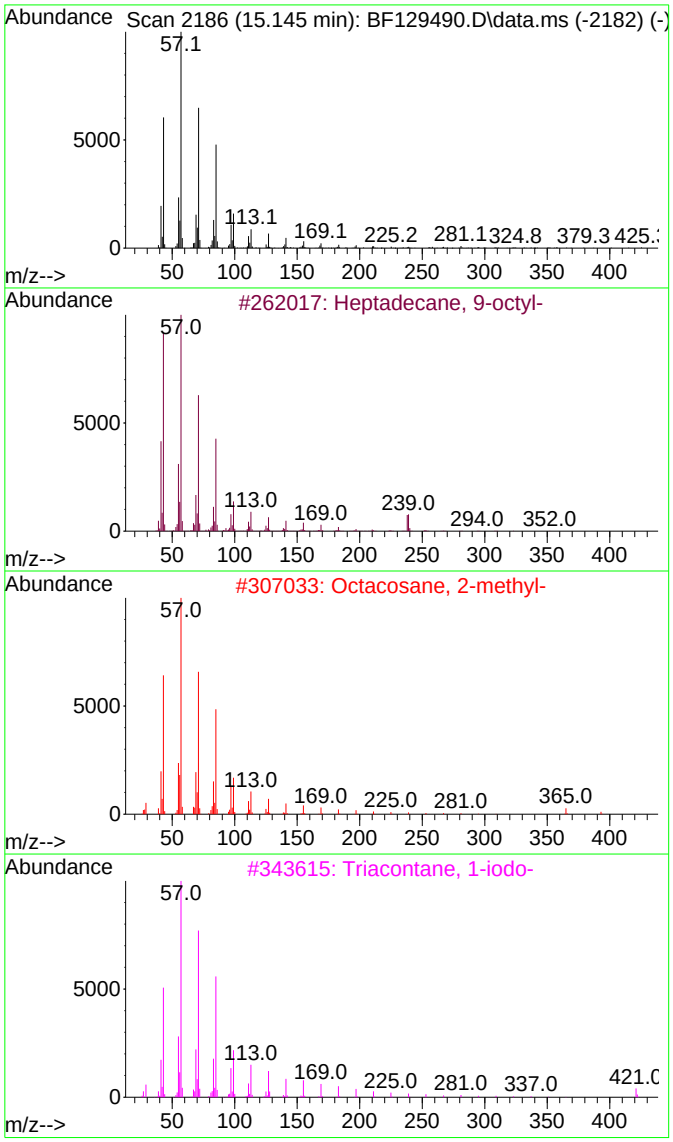
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

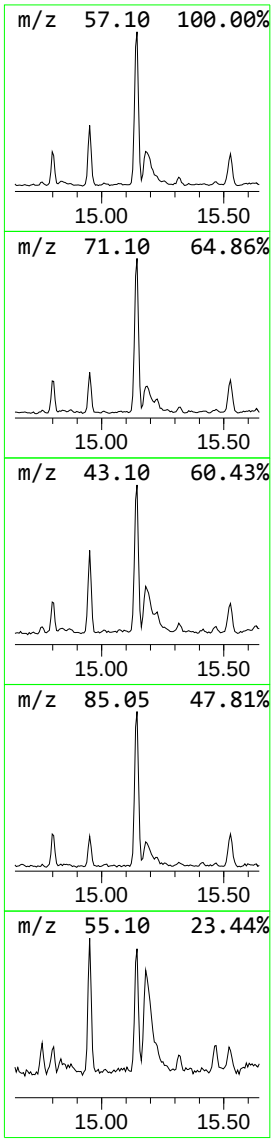
**********

Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.145 | 12.26 ng | 624368 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 94 |
| 2 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 3 | Triacontane, 1-iodo- | 548 | C30H61I | 1000406-32-3 | 91 |
| 4 | Hexacosane, 1-iodo- | 492 | C26H53I | 1000406-32-1 | 91 |
| 5 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

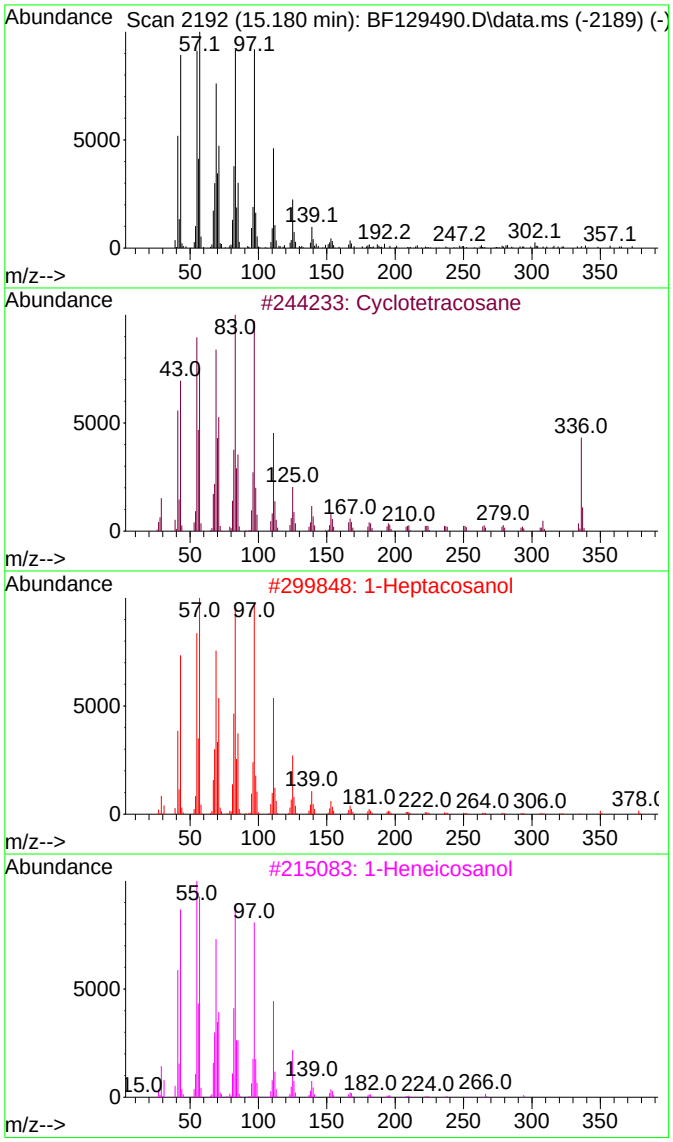
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

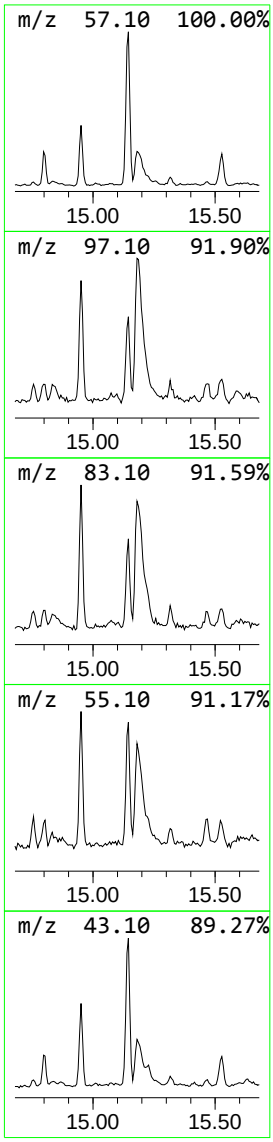
**********

Peak Number 8 Cyclotetracosane Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.180 | 9.81 ng | 499784 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 95 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 5 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 94 |



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Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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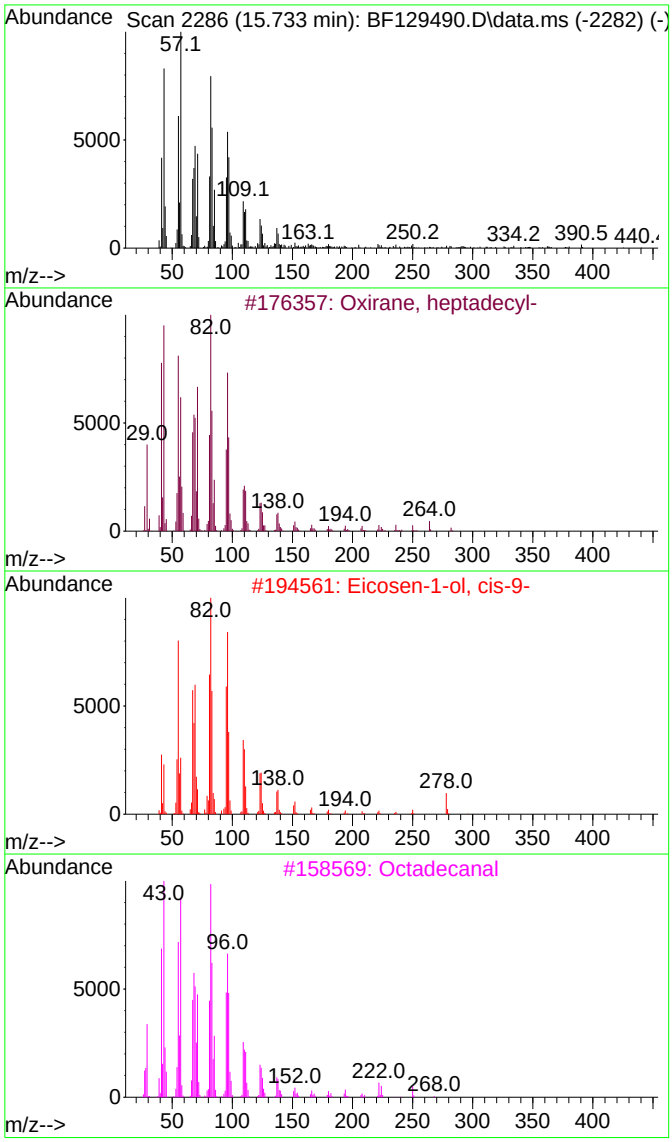
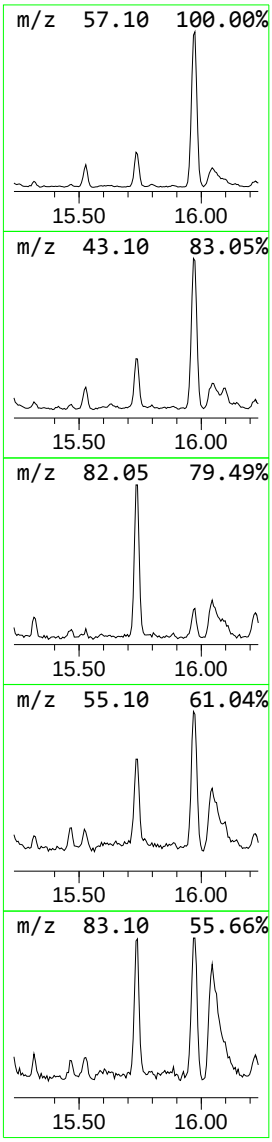
Peak Number 9 Oxirane, heptadecyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.733 | 14.43 ng | 735150 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 95 |
| 2 | Eicosen-1-ol, cis-9- | 296 | C20H40O | 112248-30-3 | 92 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 4 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |
| 5 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 90 |



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Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

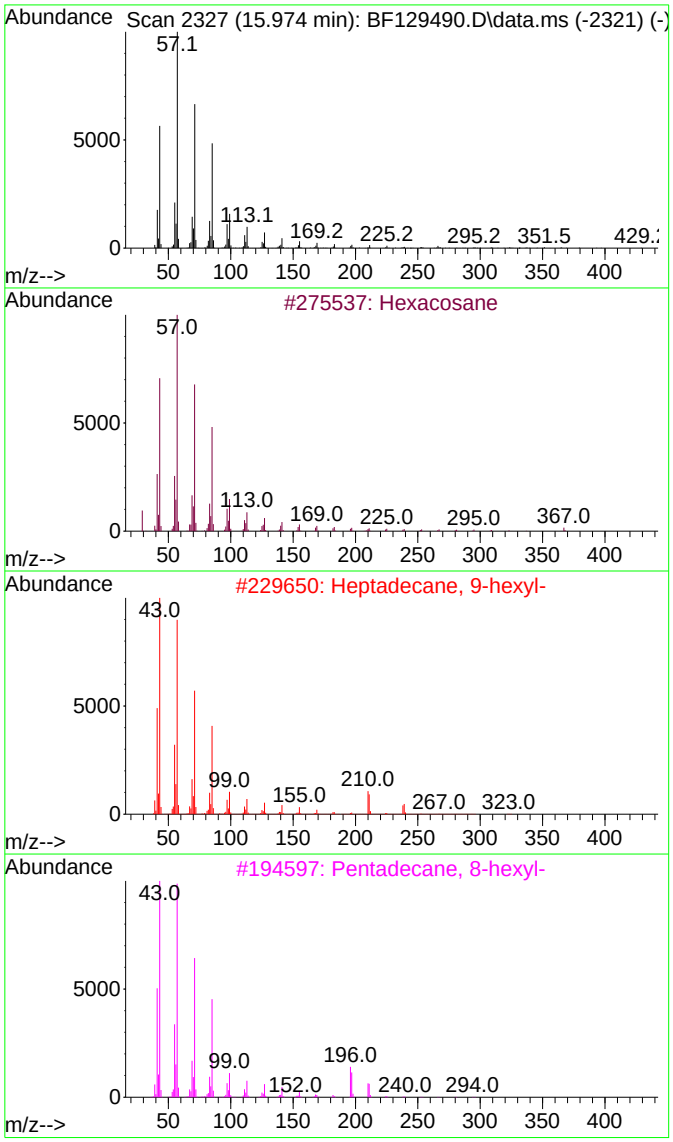
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

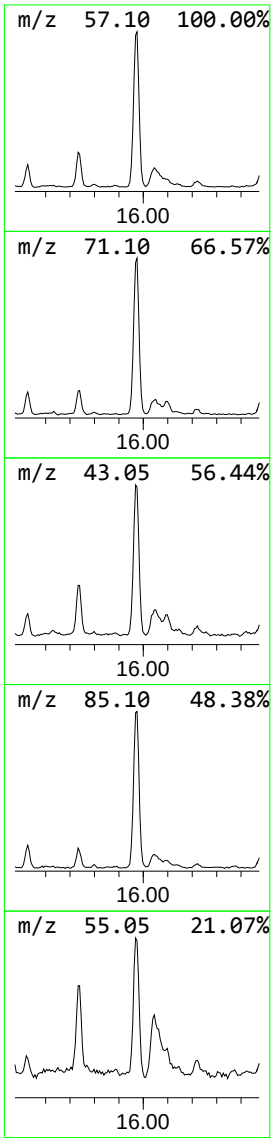
**********

Peak Number 10 Hexacosane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.974 | 27.43 ng | 1397040 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 94 |
| 2 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 94 |
| 3 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 94 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 94 |
| 5 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 93 |



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Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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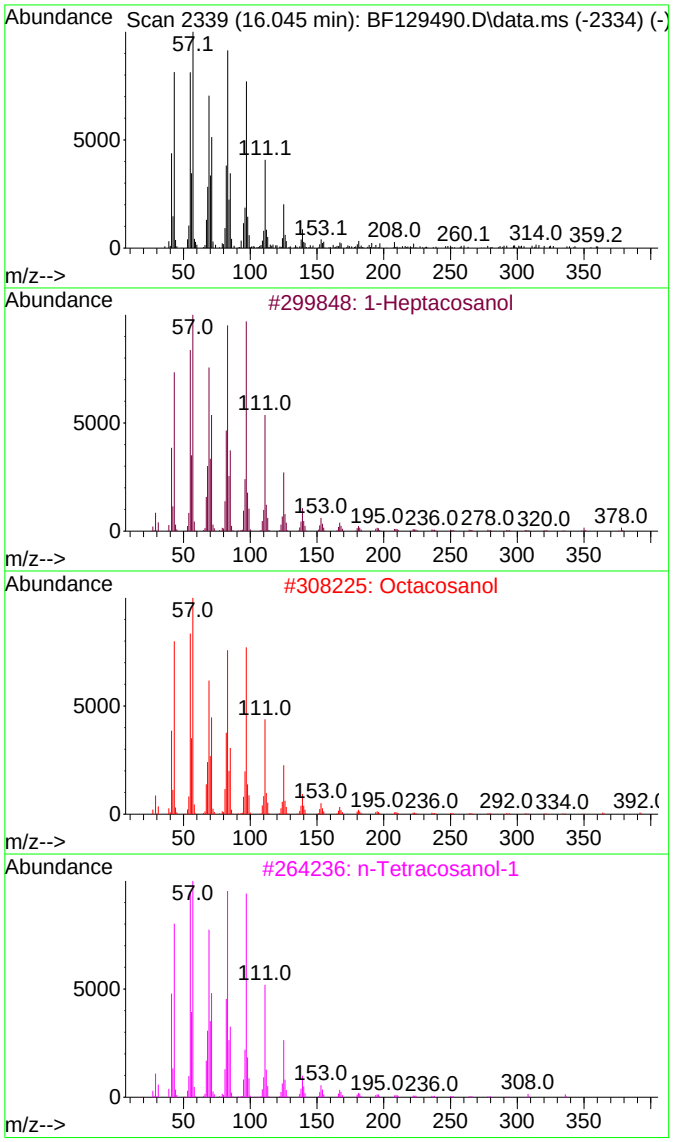
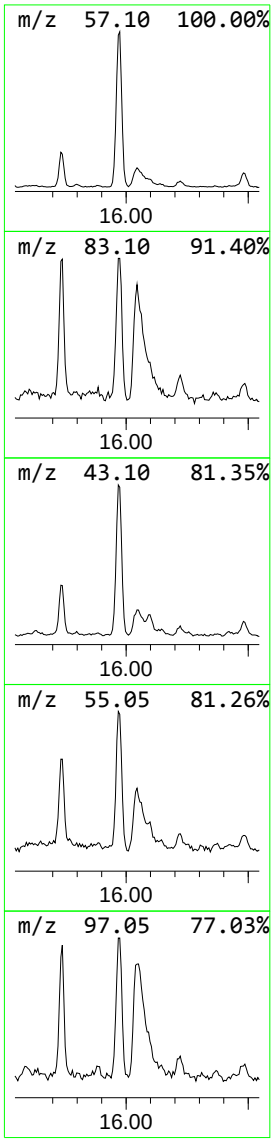
Peak Number 11 1-Heptacosanol Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.045 | 11.27 ng | 574247 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 94 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 91 |
| 5 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 91 |



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Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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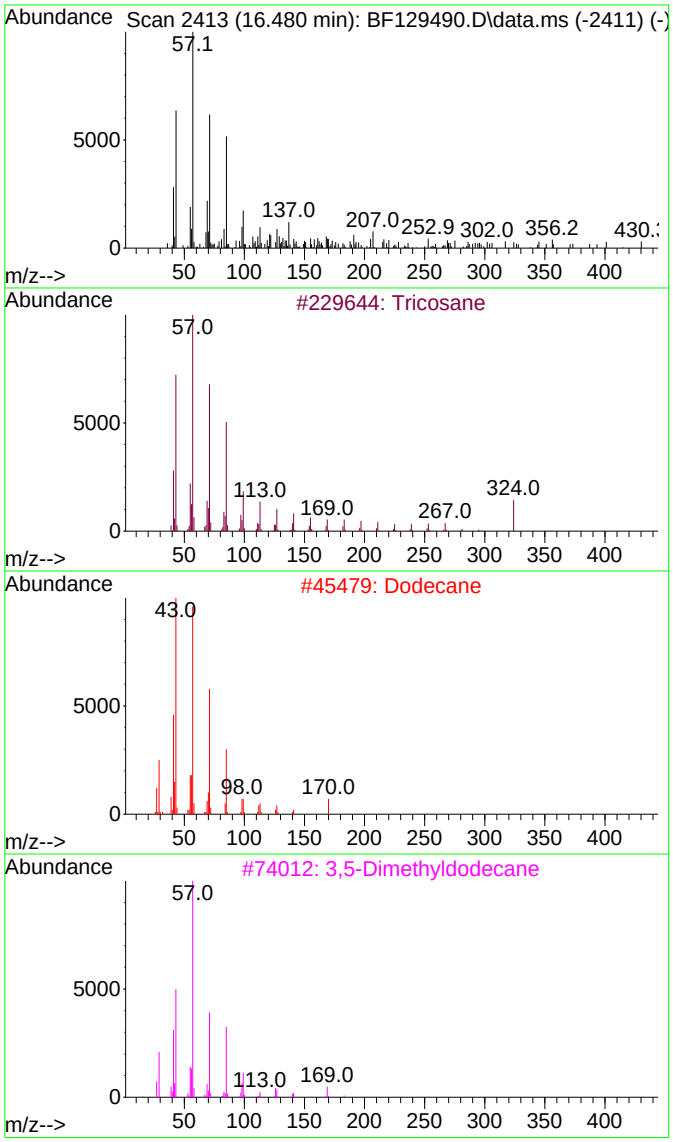
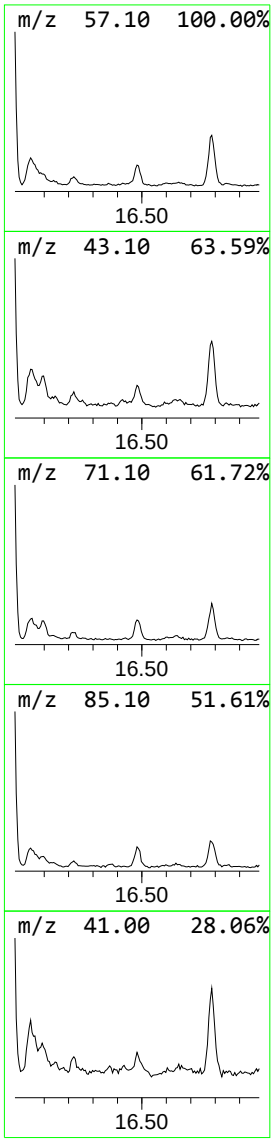
Peak Number 12 Dodecane Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.480 | 4.38 ng | 223201 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 64 |
| 2 | Dodecane | 170 | C12H26 | 000112-40-3 | 58 |
| 3 | 3,5-Dimethyldodecane | 198 | C14H30 | 107770-99-0 | 52 |
| 4 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 52 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 52 |



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Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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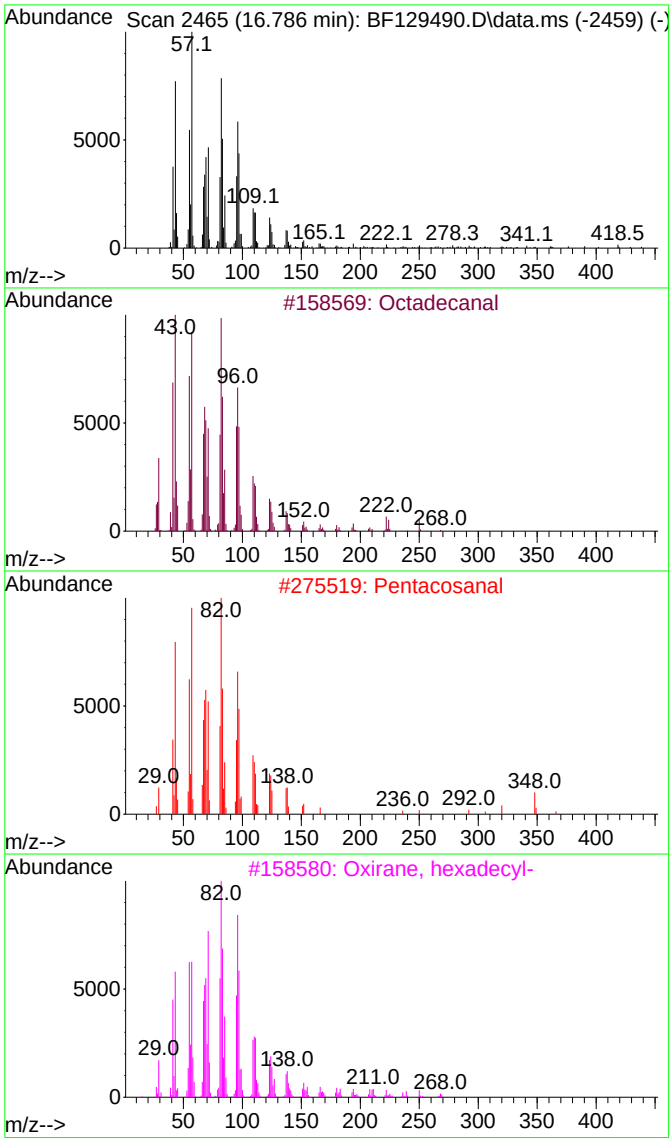
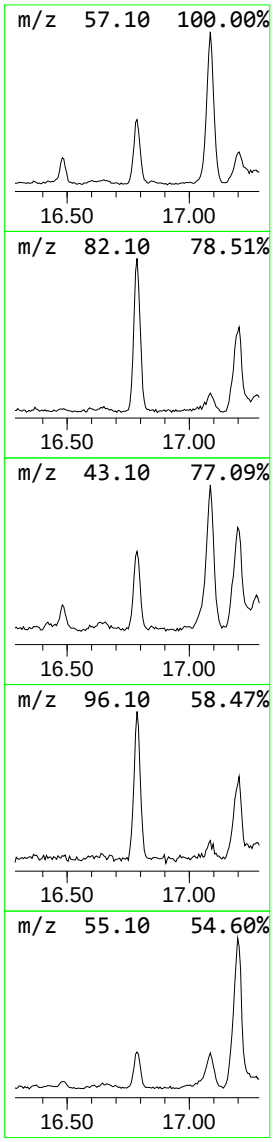
Peak Number 13 Octadecanal Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.786 | 14.68 ng | 747567 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanal | 268 | C18H36O | 000638-66-4 | 95 |
| 2 | Pentacosanal | 366 | C25H50O | 058196-28-4 | 94 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 94 |
| 4 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 91 |
| 5 | Heptacosanal | 394 | C27H54O | 072934-03-3 | 91 |



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Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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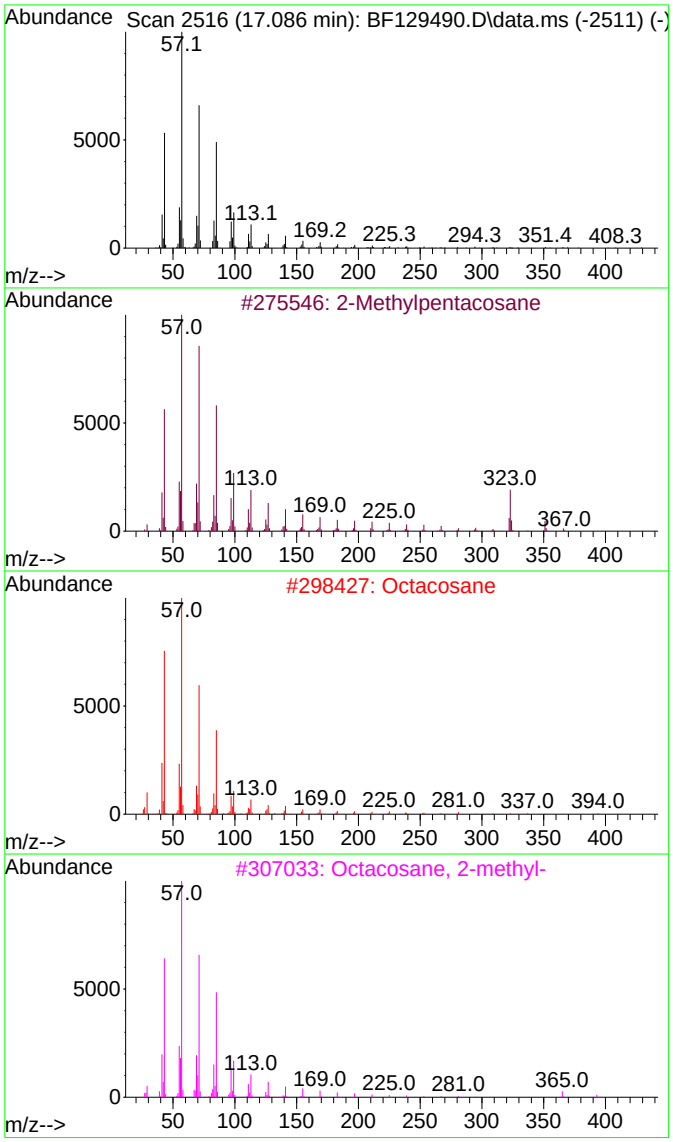
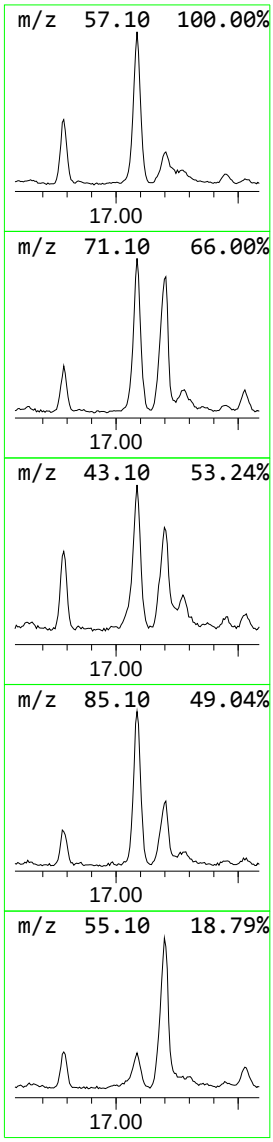
Peak Number 14 2-Methylpentacosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.086 | 22.40 ng | 1140700 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methylpentacosane | 366 | C26H54 | 000629-87-8 | 94 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 5 | Docosane, 9-butyl- | 366 | C26H54 | 055282-14-9 | 91 |



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Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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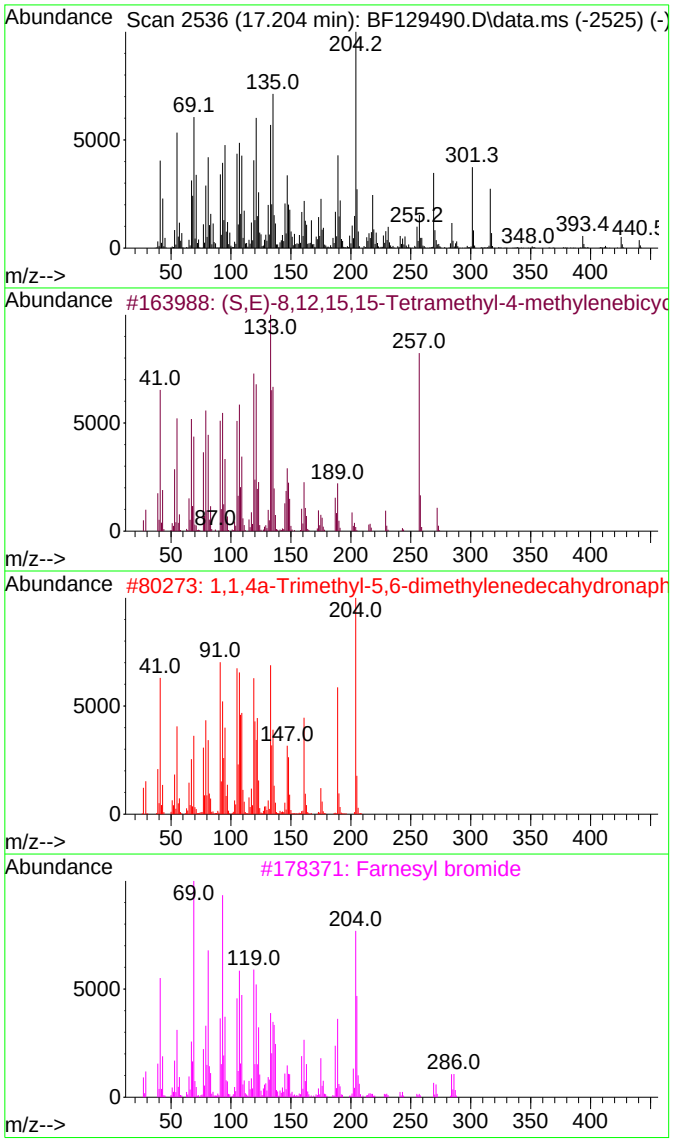
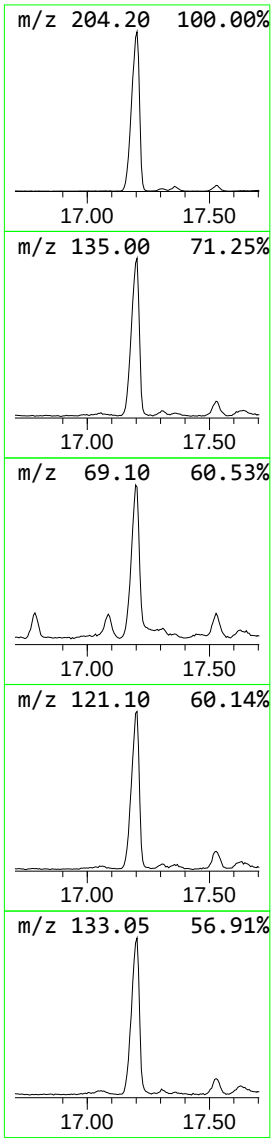
Peak Number 15 (S,E)-8,12,15,15-Tetramethy... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.204 | 166.72 ng | 8491330 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (S,E)-8,12,15,15-Tetramethyl-4-m... | 272 | C20H32 | 386223-19-4 | 66 |
| 2 | 1,1,4a-Trimethyl-5,6-dimethylene... | 204 | C15H24 | 1000193-60-8 | 53 |
| 3 | Farnesyl bromide | 284 | C15H25Br | 006874-67-5 | 49 |
| 4 | 1,4-Dimethyl-8-isopropylidenetri... | 204 | C15H24 | 1010140-07-7 | 49 |
| 5 | 1H-3a,7-Methanoazulene, 2,3,6,7,... | 204 | C15H24 | 000560-32-7 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
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Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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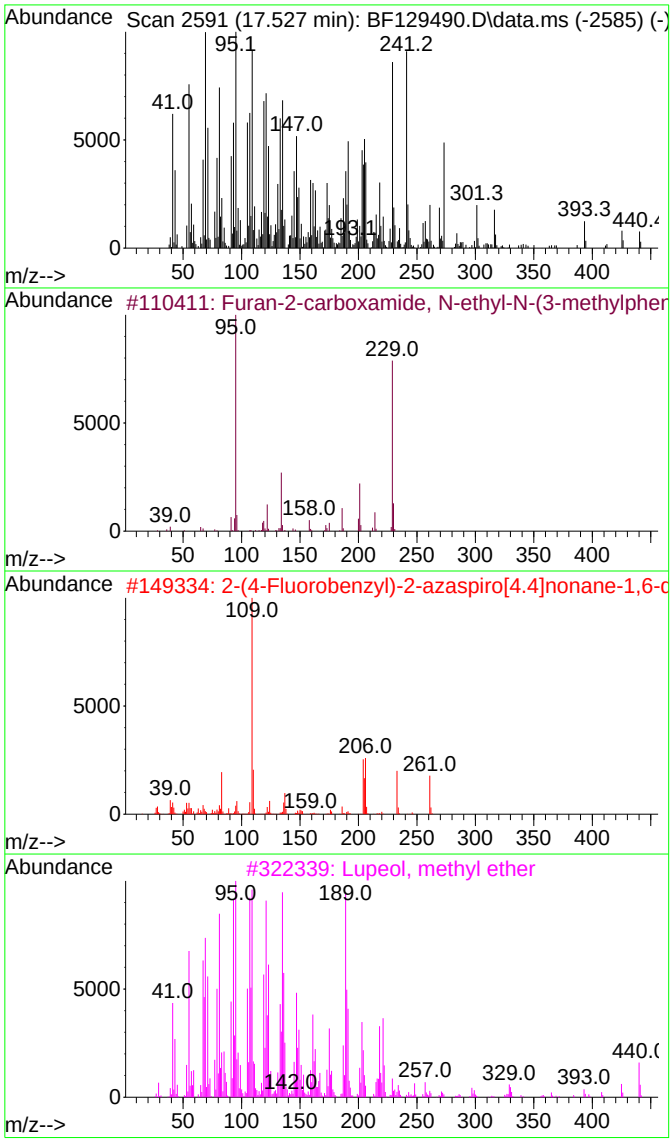
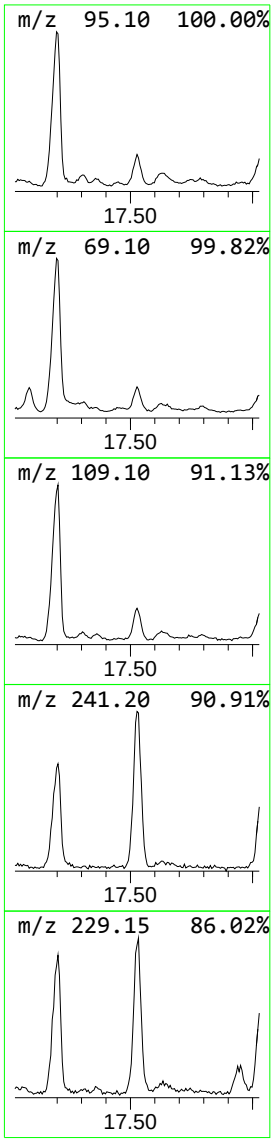
Peak Number 16 unknown17.527 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.527 | 22.86 ng | 1164480 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan-2-carboxamide, N-ethyl-N-(... | 229 | C14H15NO2 | 1000308-20-3 | 35 |
| 2 | 2-(4-Fluorobenzyl)-2-azaspiro[4.... | 261 | C15H16FNO2 | 1000332-10-7 | 35 |
| 3 | Lupeol, methyl ether | 440 | C31H52O | 025279-38-3 | 35 |
| 4 | 6.beta.Bicyclo[4.3.0]nonane, 5.b... | 332 | C15H25I | 1000195-85-9 | 30 |
| 5 | 2-Butenal, 2-methyl-4-(2,6,6-tri... | 206 | C14H22O | 003155-71-3 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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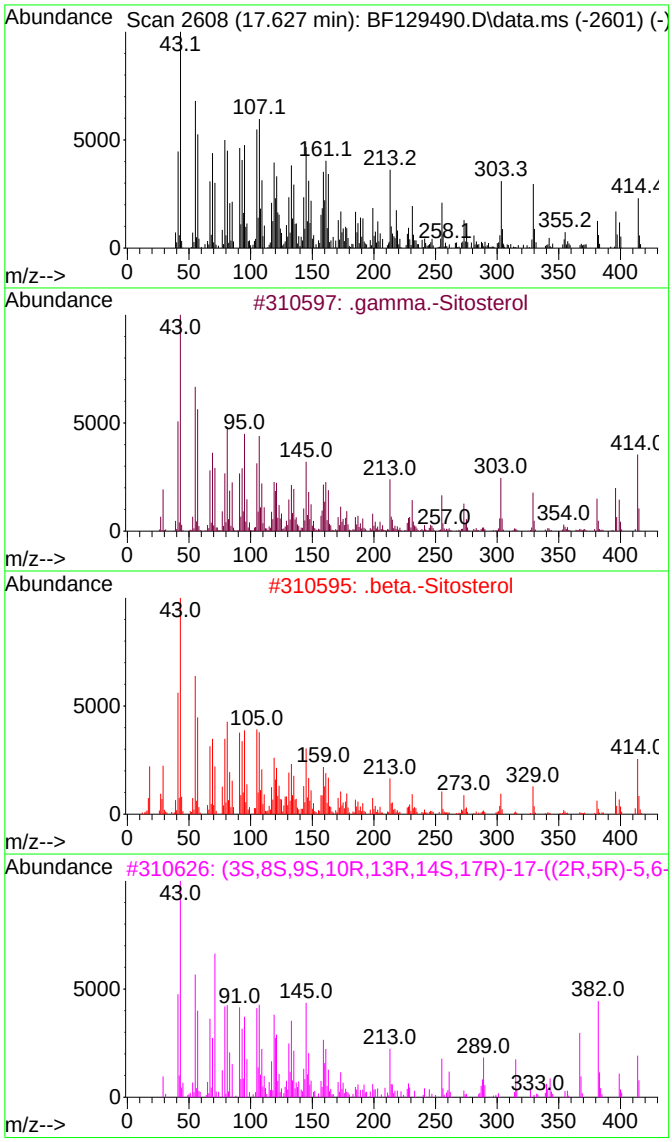
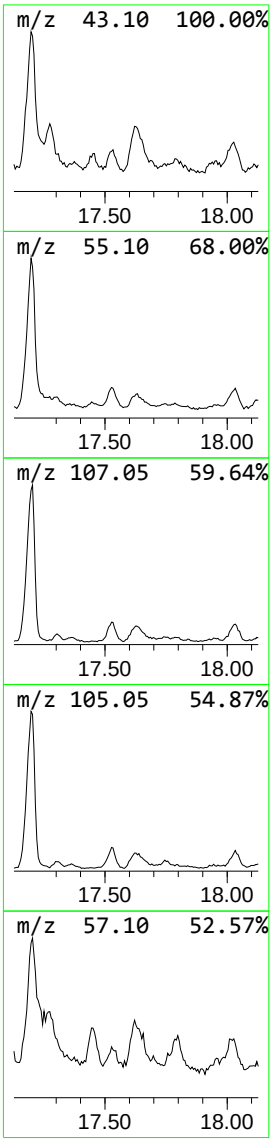
Peak Number 17 .gamma.-Sitosterol Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.627 | 20.96 ng | 1067300 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .gamma.-Sitosterol | 414 | C29H50O | 000083-47-6 | 99 |
| 2 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 93 |
| 3 | (3S,8S,9S,10R,13R,14S,17R)-17-((... | 414 | C29H50O | 029365-29-5 | 83 |
| 4 | Campesterol | 400 | C28H48O | 000474-62-4 | 62 |
| 5 | Ergost-5-en-3-ol, (3.beta.)- | 400 | C28H48O | 004651-51-8 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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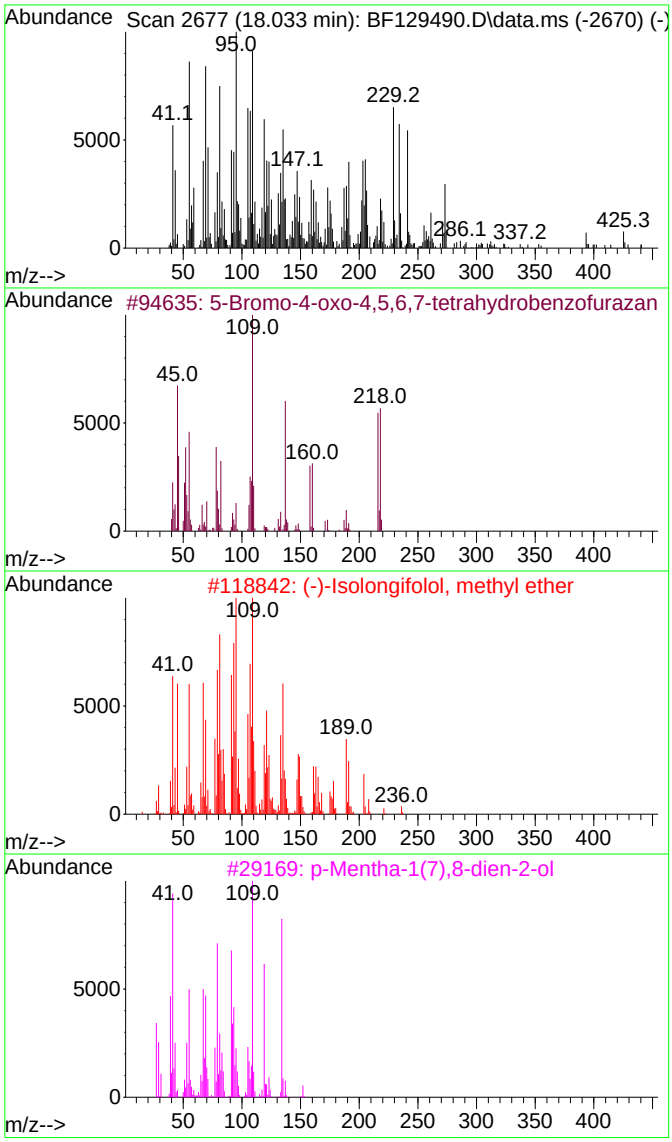
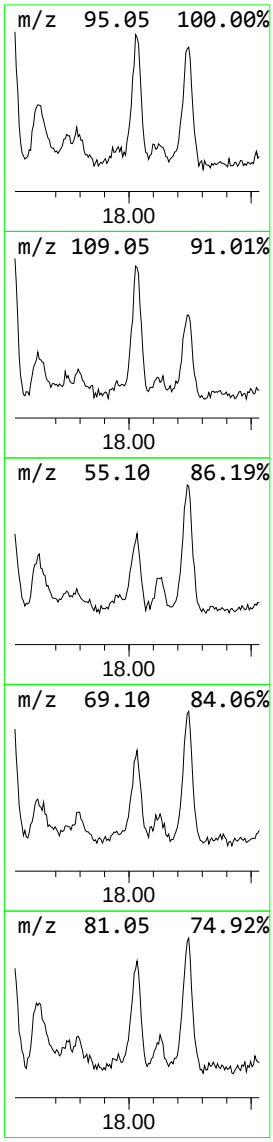
Peak Number 18 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.033 | 20.10 ng | 1023700 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Bromo-4-oxo-4,5,6,7-tetrahydro... | 216 | C6H5BrN2O2 | 300574-36-1 | 90 |
| 2 | (-)-Isolongifolol, methyl ether | 236 | C16H28O | 1000333-80-8 | 42 |
| 3 | p-Mentha-1(7),8-dien-2-ol | 152 | C10H16O | 035907-10-9 | 25 |
| 4 | 5-methyl-2,3-bis(1'-pyrrolidinyl... | 234 | C14H22N2O | 1000366-03-5 | 25 |
| 5 | [2-Fluoro-3-phenylprop-2-en-1-yl... | 273 | C17H17F2N | 1000443-72-8 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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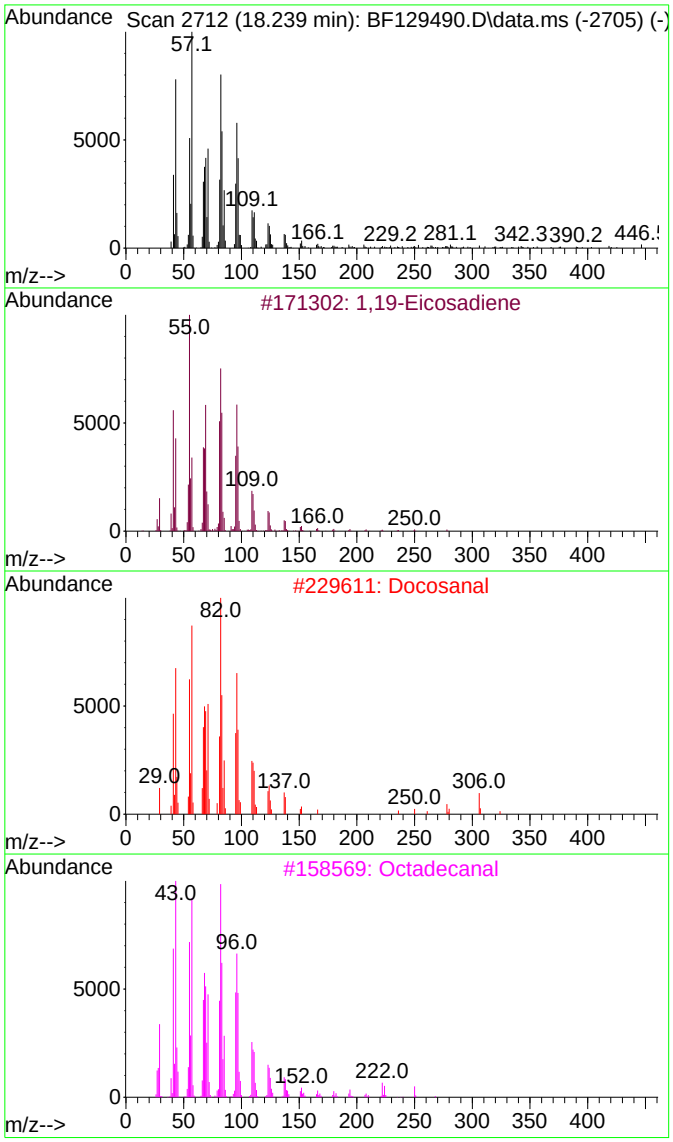
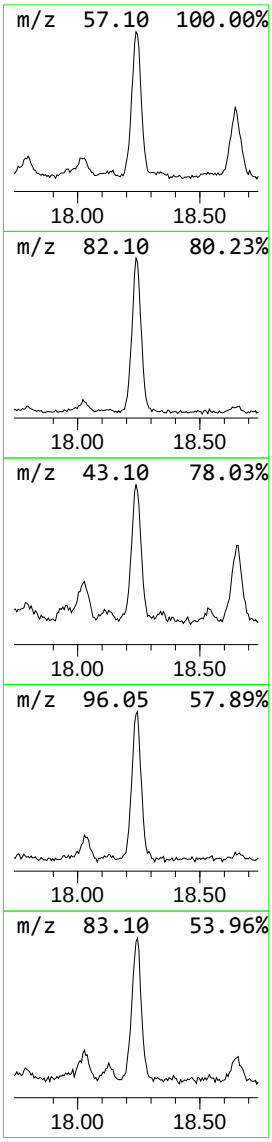
Peak Number 19 1,19-Eicosadiene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.239 | 23.15 ng | 1179210 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 95 |
| 2 | Docosanal | 324 | C22H44O | 057402-36-5 | 94 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 94 |
| 4 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 94 |
| 5 | Tetracosanal | 352 | C24H48O | 057866-08-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

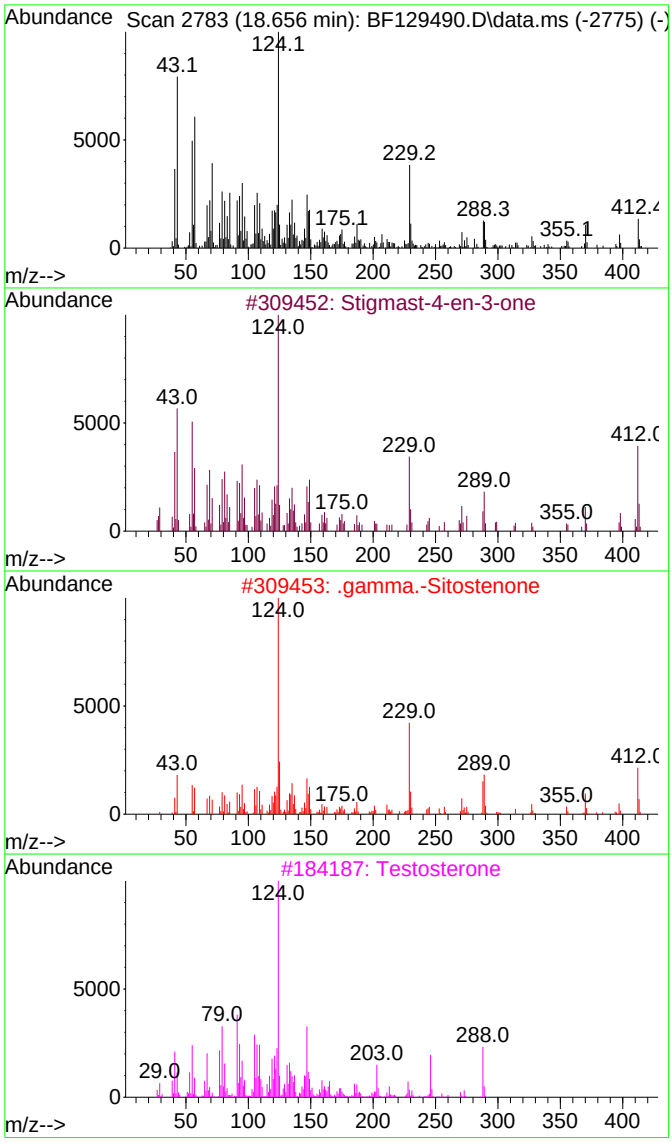
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

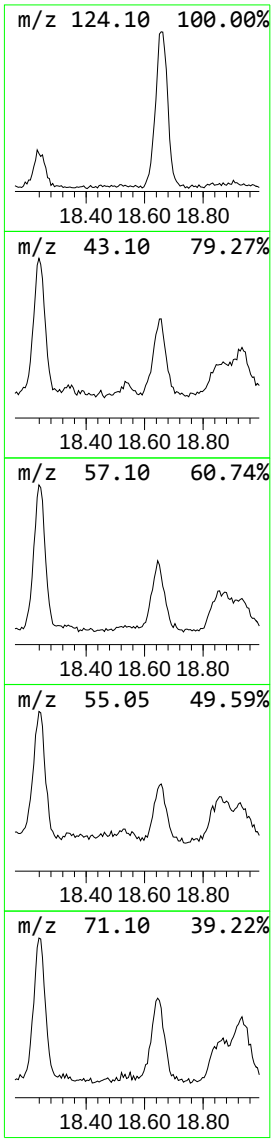
**********

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.656 | 18.62 ng | 948170 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Stigmast-4-en-3-one | 412 | C29H48O | 001058-61-3 | 94 |
| 2 | .gamma.-Sitostenone | 412 | C29H48O | 084924-96-9 | 93 |
| 3 | Testosterone | 288 | C19H28O2 | 000058-22-0 | 70 |
| 4 | Testosterone cypionate | 412 | C27H40O3 | 000058-20-8 | 46 |
| 5 | Androst-4-en-3-one, 17-hydroxy-,... | 288 | C19H28O2 | 000604-39-7 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129490.D
Acq On : 02 Aug 2022 00:09
Operator : CG\JU
Sample : N3896-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RVE-60

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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-Hexadecanoic ... | 11.922 | 8.1 | ng | 367010 | 4 | 11.404 | 902804 | 20.0 |
| Friedelan-3-one | 13.627 | 40.3 | ng | 1989070 | 5 | 14.045 | 987440 | 20.0 |
| Cyclohexadecane... | 13.874 | 18.7 | ng | 922028 | 5 | 14.045 | 987440 | 20.0 |
| Tricosane | 14.492 | 8.0 | ng | 395888 | 5 | 14.045 | 987440 | 20.0 |
| 1-Docosanol, me... | 14.515 | 4.8 | ng | 235097 | 5 | 14.045 | 987440 | 20.0 |
| Hexacosanal | 14.951 | 9.8 | ng | 500729 | 6 | 15.533 | 1018640 | 20.0 |
| Heptadecane, 9-... | 15.145 | 12.3 | ng | 624368 | 6 | 15.533 | 1018640 | 20.0 |
| Cyclotetracosane | 15.180 | 9.8 | ng | 499784 | 6 | 15.533 | 1018640 | 20.0 |
| Oxirane, heptad... | 15.733 | 14.4 | ng | 735150 | 6 | 15.533 | 1018640 | 20.0 |
| Hexacosane | 15.974 | 27.4 | ng | 1397040 | 6 | 15.533 | 1018640 | 20.0 |
| 1-Heptacosanol | 16.045 | 11.3 | ng | 574247 | 6 | 15.533 | 1018640 | 20.0 |
| Dodecane | 16.480 | 4.4 | ng | 223201 | 6 | 15.533 | 1018640 | 20.0 |
| Octadecanal | 16.786 | 14.7 | ng | 747567 | 6 | 15.533 | 1018640 | 20.0 |
| 2-Methylpentaco... | 17.086 | 22.4 | ng | 1140700 | 6 | 15.533 | 1018640 | 20.0 |
| (S,E)-8,12,15,1... | 17.204 | 166.7 | ng | 8491330 | 6 | 15.533 | 1018640 | 20.0 |
| unknown17.527 | 17.527 | 22.9 | ng | 1164480 | 6 | 15.533 | 1018640 | 20.0 |
| .gamma.-Sitosterol | 17.627 | 21.0 | ng | 1067300 | 6 | 15.533 | 1018640 | 20.0 |
| 5-Bromo-4-oxo-4... | 18.033 | 20.1 | ng | 1023700 | 6 | 15.533 | 1018640 | 20.0 |
| 1,19-Eicosadiene | 18.239 | 23.1 | ng | 1179210 | 6 | 15.533 | 1018640 | 20.0 |
| Stigmast-4-en-3... | 18.656 | 18.6 | ng | 948170 | 6 | 15.533 | 1018640 | 20.0 |