LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GHL-SS-22

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136926.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.028 | 490 | 500 | 508 | rBV2 | 21992 | 29568 | 2.51% | 0.303% |
| 2 | 5.434 | 565 | 569 | 586 | rBV | 1341832 | 1177260 | 100.00% | 12.080% |
| 3 | 5.639 | 600 | 604 | 608 | rBV | 18284 | 17656 | 1.50% | 0.181% |
| 4 | 6.439 | 736 | 740 | 757 | rBV | 1173322 | 1100045 | 93.44% | 11.288% |
| 5 | 6.610 | 766 | 769 | 772 | rBV2 | 16039 | 16551 | 1.41% | 0.170% |
| 6 | 6.781 | 795 | 798 | 804 | rBV | 373181 | 300798 | 25.55% | 3.087% |
| 7 | 7.345 | 890 | 894 | 897 | rBV | 833965 | 675567 | 57.38% | 6.932% |
| 8 | 8.057 | 1012 | 1015 | 1018 | rBV | 403532 | 326206 | 27.71% | 3.347% |
| 9 | 8.775 | 1133 | 1137 | 1140 | rBV | 19603 | 17614 | 1.50% | 0.181% |
| 10 | 8.869 | 1150 | 1153 | 1156 | rVB | 15229 | 13190 | 1.12% | 0.135% |
| 11 | 9.133 | 1195 | 1198 | 1202 | rBV | 1211304 | 1072731 | 91.12% | 11.007% |
| 12 | 9.816 | 1310 | 1314 | 1320 | rBV | 403762 | 315909 | 26.83% | 3.242% |
| 13 | 10.610 | 1445 | 1449 | 1459 | rVB | 731987 | 610896 | 51.89% | 6.268% |
| 14 | 10.733 | 1465 | 1470 | 1474 | rBV | 19270 | 22627 | 1.92% | 0.232% |
| 15 | 11.310 | 1564 | 1568 | 1570 | rBV | 392774 | 326299 | 27.72% | 3.348% |
| 16 | 11.333 | 1570 | 1572 | 1575 | rVV | 51853 | 39561 | 3.36% | 0.406% |
| 17 | 11.386 | 1578 | 1581 | 1583 | rVB | 17303 | 13989 | 1.19% | 0.144% |
| 18 | 11.551 | 1605 | 1609 | 1614 | rBV5 | 13586 | 18001 | 1.53% | 0.185% |
| 19 | 11.845 | 1654 | 1659 | 1670 | rVB | 328479 | 416745 | 35.40% | 4.276% |
| 20 | 12.245 | 1723 | 1727 | 1733 | rVB8 | 14557 | 29210 | 2.48% | 0.300% |
| 21 | 12.374 | 1746 | 1749 | 1751 | rBV3 | 16555 | 18613 | 1.58% | 0.191% |
| 22 | 12.527 | 1772 | 1775 | 1777 | rBV | 130434 | 115775 | 9.83% | 1.188% |
| 23 | 12.633 | 1788 | 1793 | 1804 | rVB | 237250 | 335189 | 28.47% | 3.439% |
| 24 | 12.757 | 1809 | 1814 | 1820 | rVB2 | 94582 | 107324 | 9.12% | 1.101% |
| 25 | 12.904 | 1835 | 1839 | 1842 | rBV | 1298513 | 1085358 | 92.19% | 11.137% |
| 26 | 13.092 | 1869 | 1871 | 1873 | rVB | 22819 | 17175 | 1.46% | 0.176% |
| 27 | 13.133 | 1875 | 1878 | 1880 | rBV4 | 20464 | 26997 | 2.29% | 0.277% |
| 28 | 13.757 | 1980 | 1984 | 1991 | rVV2 | 182502 | 312954 | 26.58% | 3.211% |
| 29 | 13.821 | 1991 | 1995 | 2004 | rVB2 | 144422 | 222114 | 18.87% | 2.279% |
| 30 | 13.968 | 2013 | 2020 | 2023 | rBV2 | 389084 | 458035 | 38.91% | 4.700% |
| 31 | 13.992 | 2023 | 2024 | 2029 | rVB | 66720 | 48402 | 4.11% | 0.497% |
| 32 | 14.433 | 2097 | 2099 | 2101 | rBV | 39326 | 36502 | 3.10% | 0.375% |
| 33 | 14.462 | 2101 | 2104 | 2108 | rVV6 | 43036 | 51850 | 4.40% | 0.532% |
| 34 | 15.133 | 2215 | 2218 | 2224 | rBV6 | 46128 | 90961 | 7.73% | 0.933% |
| 35 | 15.451 | 2268 | 2272 | 2281 | rVB | 208367 | 277875 | 23.60% | 2.851% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GHL-SS-22

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

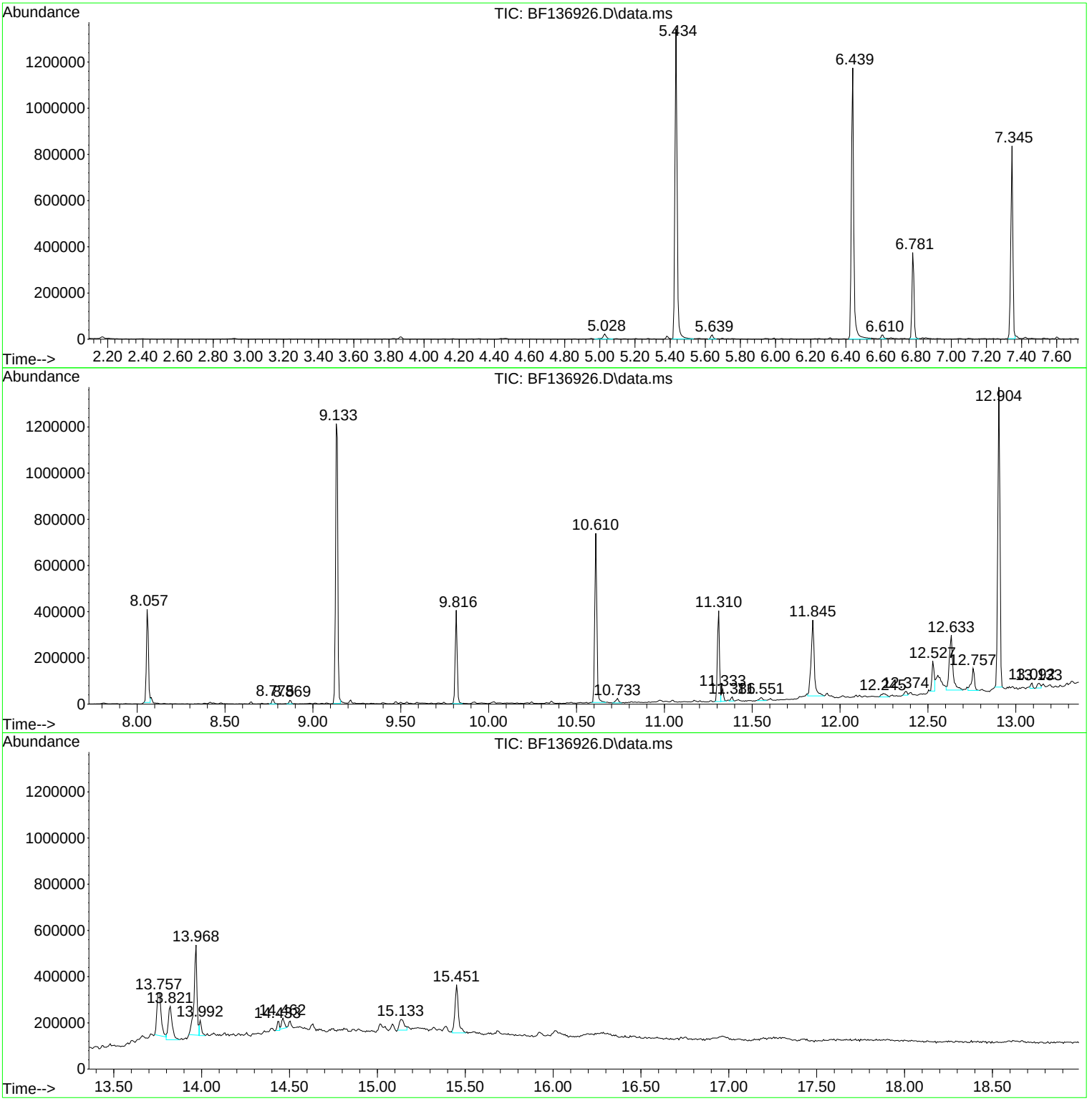
Sum of corrected areas: 9745547

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GHL-SS-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF010324\
Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GHL-SS-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

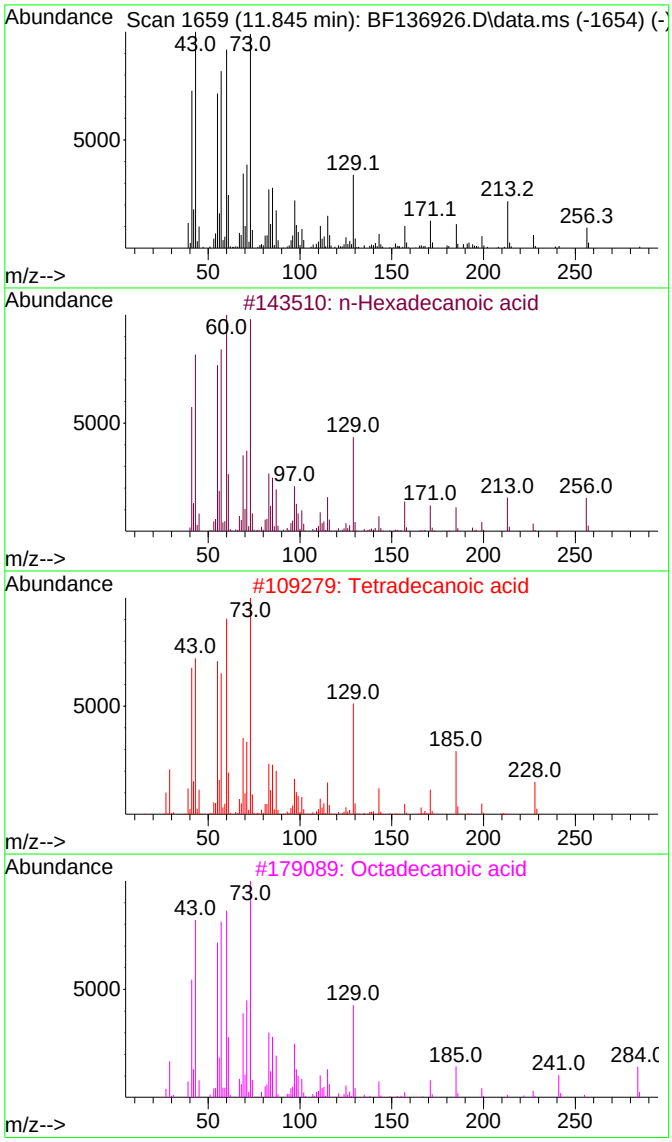
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

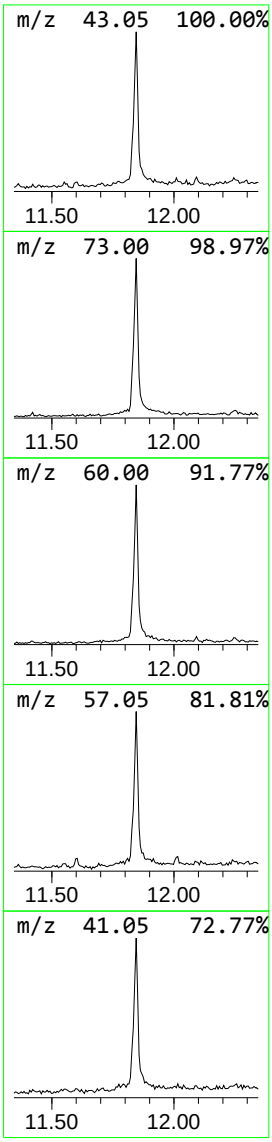
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.845 | 25.54 ng | 416745 | Phenanthrene-d10 | 11.310 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 94 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 93 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 5 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GHL-SS-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

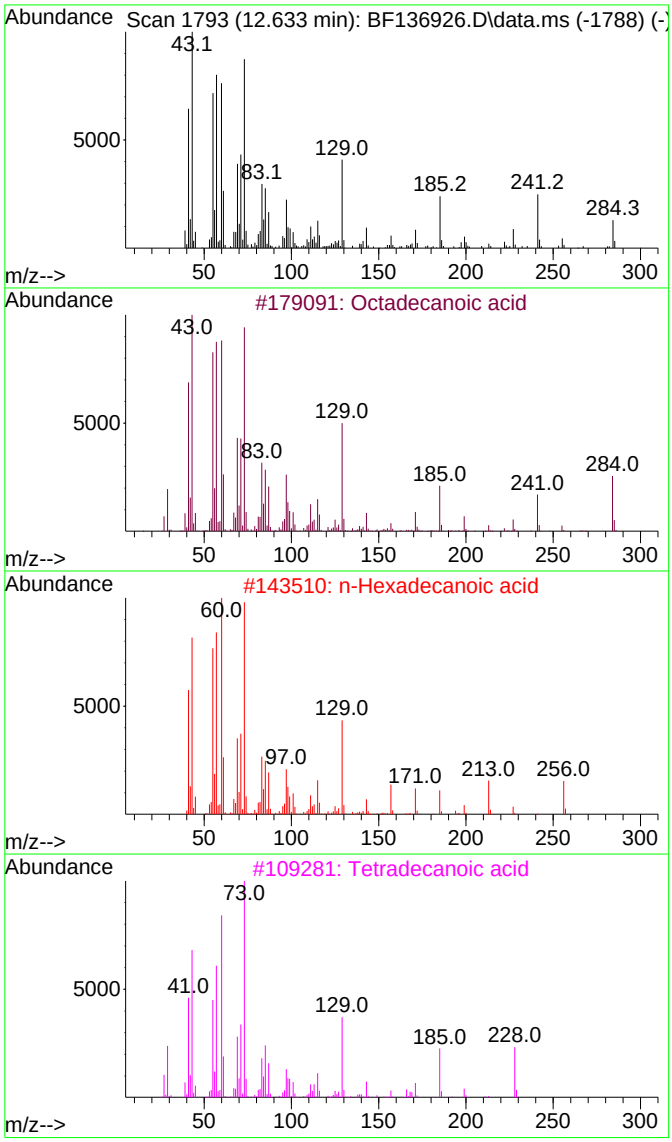
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

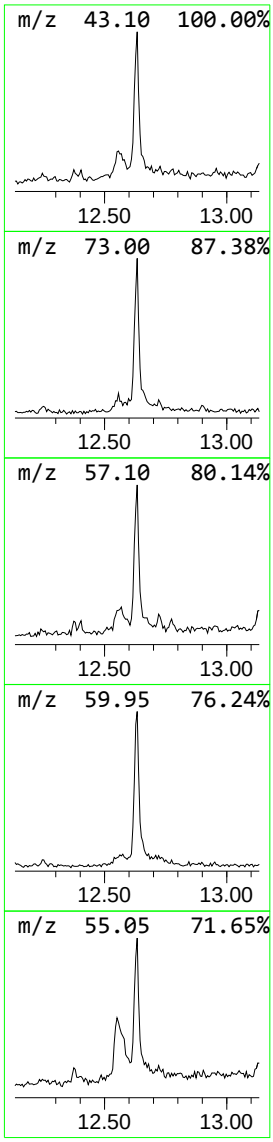
**********

Peak Number 2 Octadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.633 | 20.54 ng | 335189 | Phenanthrene-d10 | 11.310 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 74 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GHL-SS-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

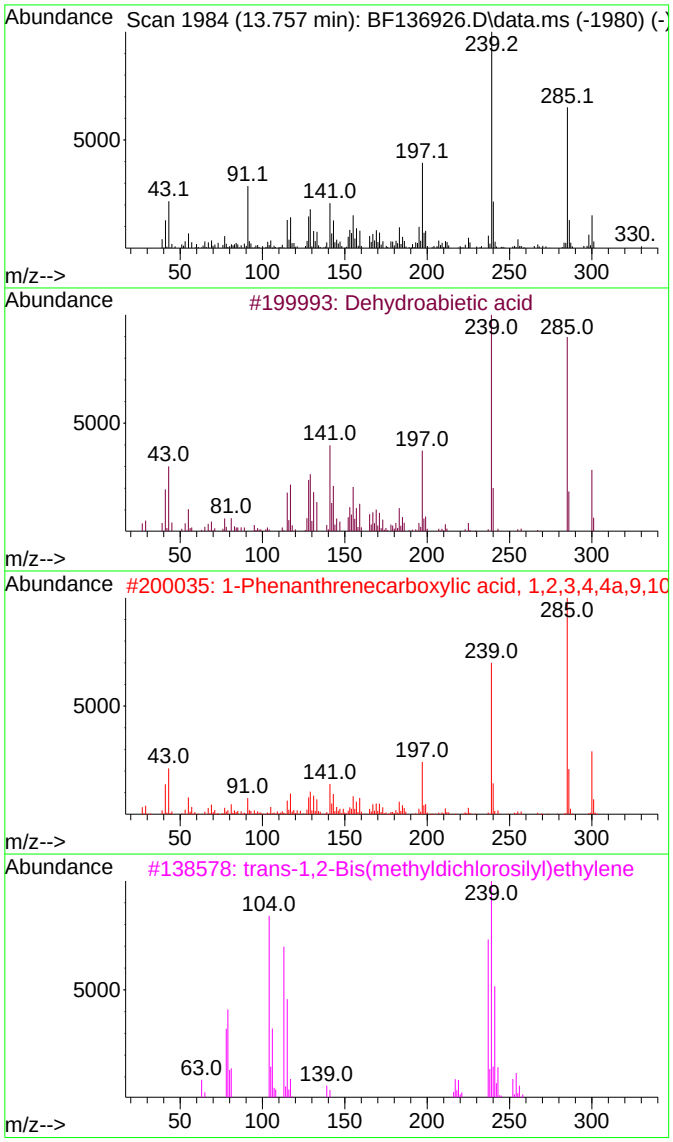
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

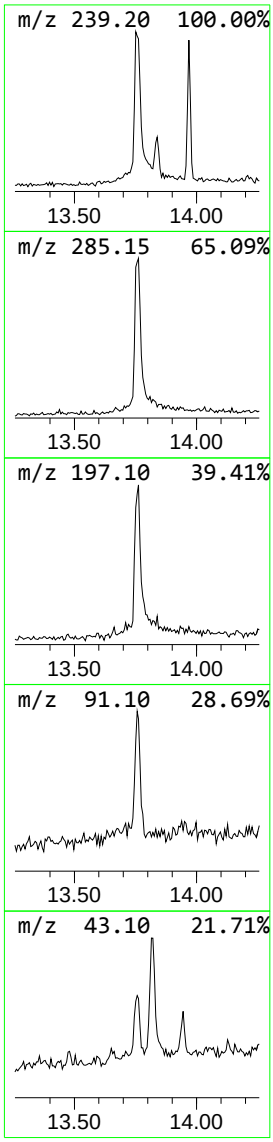
**********

Peak Number 3 Dehydroabietic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.757 | 13.67 ng | 312954 | Chrysene-d12 | 13.968 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 99 |
| 2 | 1-Phenanthrenecarboxylic acid, 1... | 300 | C20H28O2 | 005155-70-4 | 94 |
| 3 | trans-1,2-Bis(methyldichlorosily... | 252 | C4H8Cl4Si2 | 065899-10-7 | 83 |
| 4 | 3-Quinolinecarboxylic acid, 4-hy... | 285 | C13H10F3NO3 | 023851-84-5 | 47 |
| 5 | 2-Ethylidene-hydrazono-3-methyl-... | 239 | C10H10ClN3S | 1000148-08-4 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GHL-SS-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

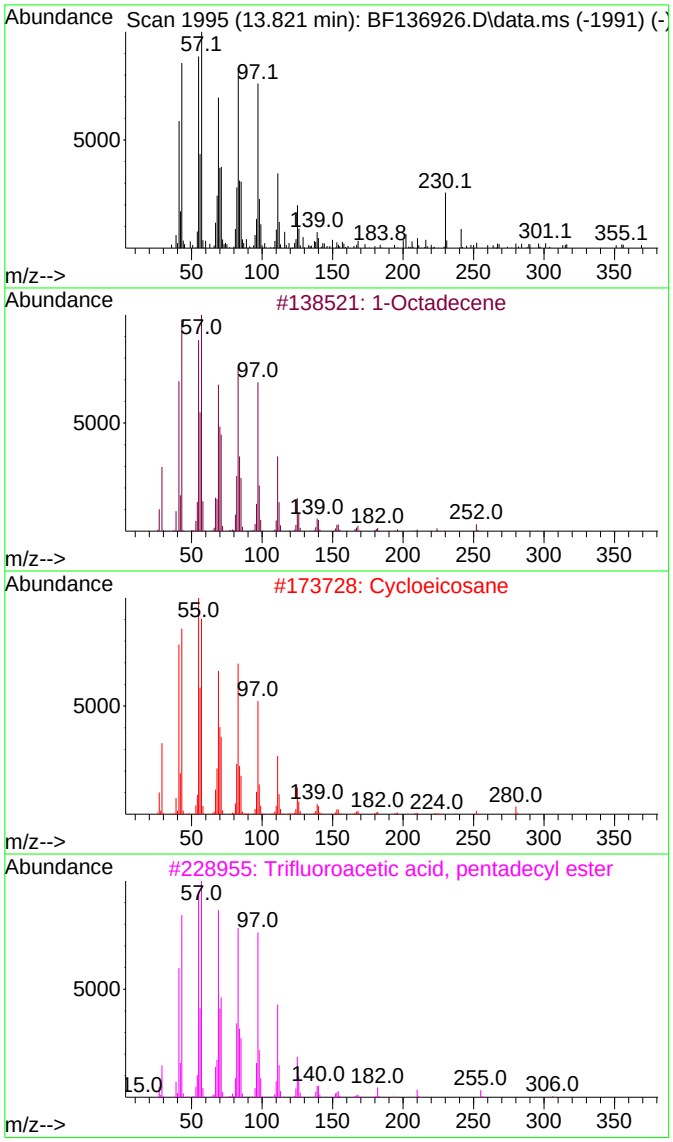
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

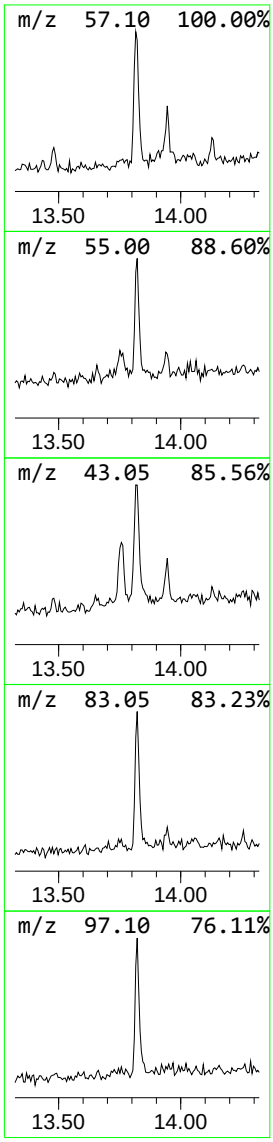
**********

Peak Number 4 1-Octadecene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.821 | 9.70 ng | 222114 | Chrysene-d12 | 13.968 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 99 |
| 2 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 99 |
| 3 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 93 |
| 4 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93 |
| 5 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
GHL-SS-22

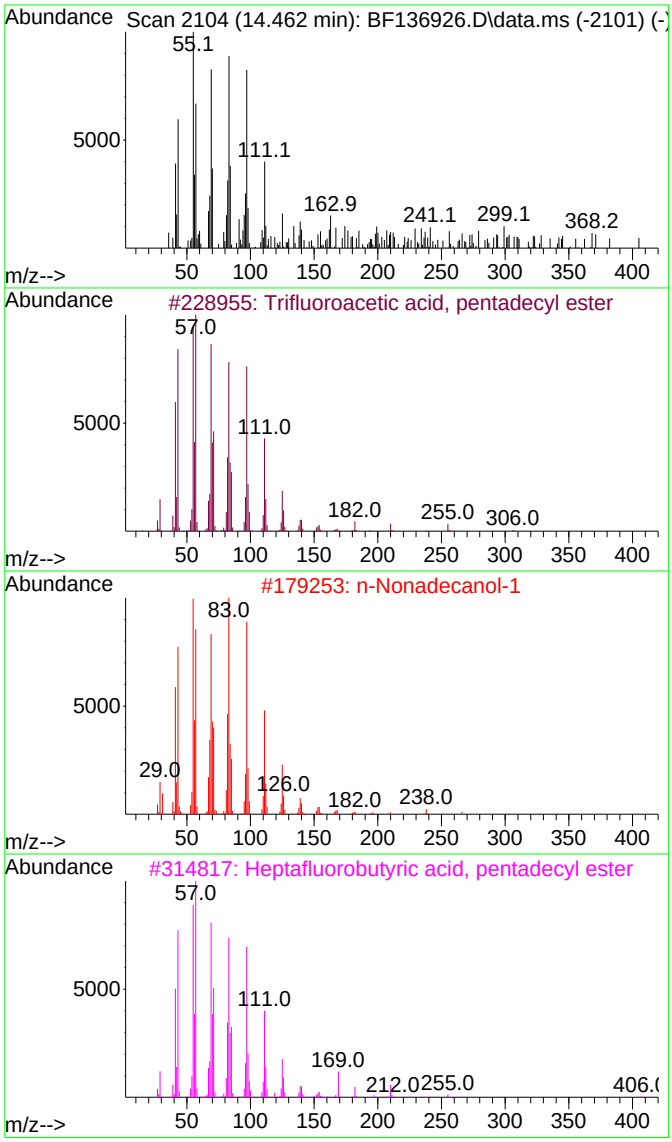
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

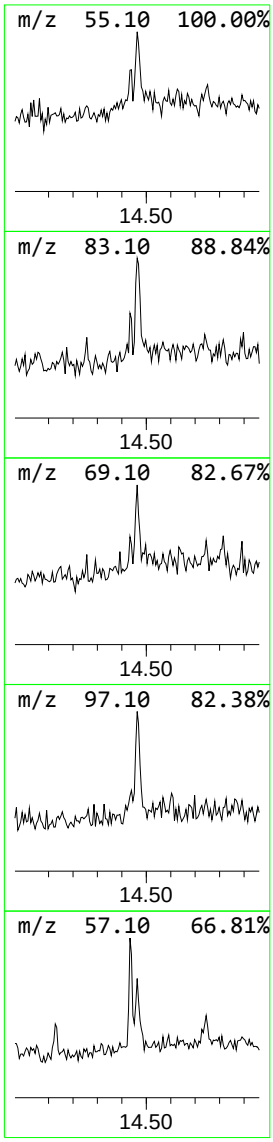
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Trifluoroacetic acid, penta... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.462 | 2.26 ng | 51850 | Chrysene-d12 | 13.968 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 87 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 87 |
| 3 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 87 |
| 4 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 86 |
| 5 | n-Heptadecanol-1 | 256 | C17H36O | 001454-85-9 | 83 |



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Sample : 05897-18
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ALS Vial : 17 Sample Multiplier: 1

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BNA_F
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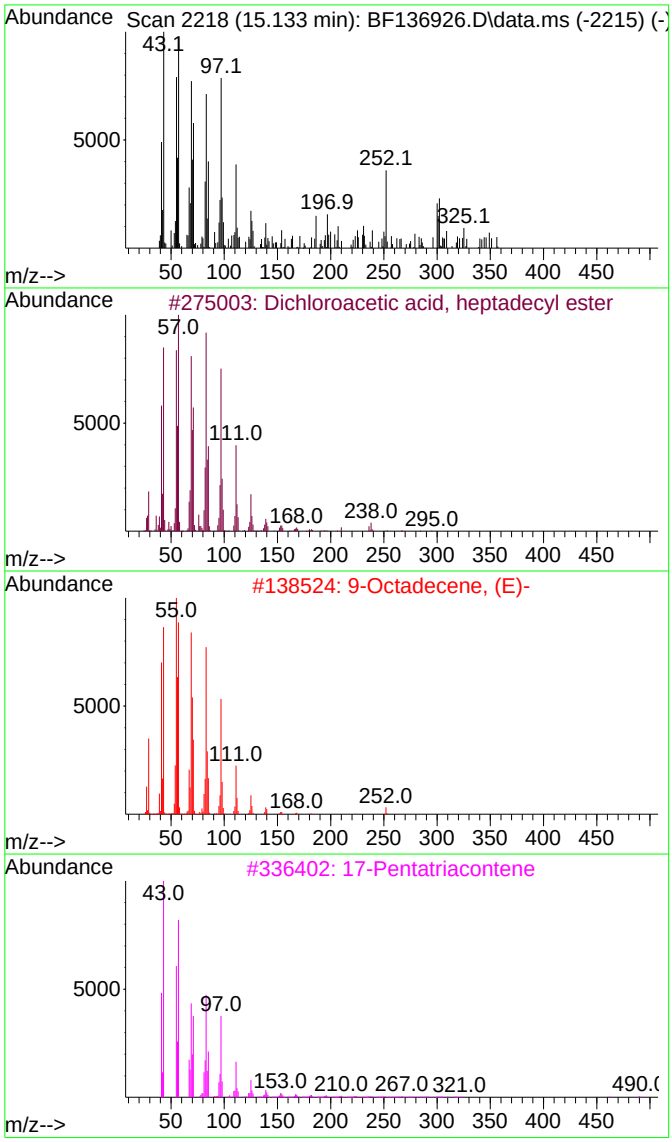
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

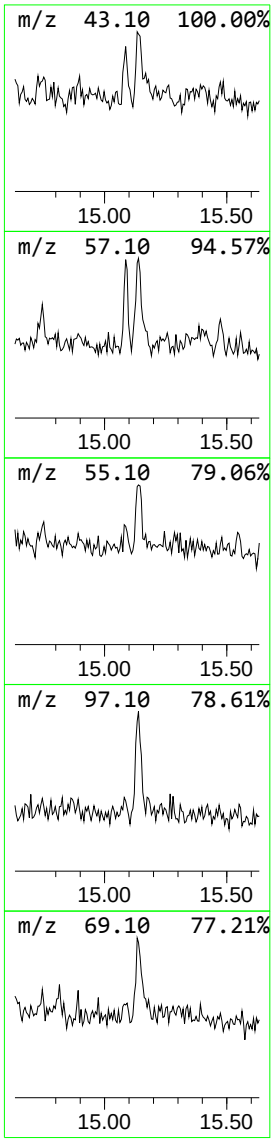
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.133 | 6.55 ng | 90961 | Perylene-d12 | 15.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 86 |
| 2 | 9-Octadecene, (E)- | 252 | C18H36 | 007206-25-9 | 70 |
| 3 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 70 |
| 4 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 70 |
| 5 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 70 |



Tentatively Identified Compound (LSC) summary

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Data File : BF136926.D
Acq On : 04 Jan 2024 01:03
Operator : CG\JU
Sample : 05897-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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 ... | 11.845 | 25.5 | ng | 416745 | 4 | 11.310 | 326299 | 20.0 |
| Octadecanoic acid | 12.633 | 20.5 | ng | 335189 | 4 | 11.310 | 326299 | 20.0 |
| Dehydroabietic ... | 13.757 | 13.7 | ng | 312954 | 5 | 13.968 | 458035 | 20.0 |
| 1-Octadecene | 13.821 | 9.7 | ng | 222114 | 5 | 13.968 | 458035 | 20.0 |
| Trifluoroacetic... | 14.462 | 2.3 | ng | 51850 | 5 | 13.968 | 458035 | 20.0 |
| Dichloroacetic ... | 15.133 | 6.5 | ng | 90961 | 6 | 15.451 | 277875 | 20.0 |