LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CC-B7

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127042.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.522 | 546 | 550 | 553 | rVB | 1787861 | 1538276 | 92.26% | 6.619% |
| 2 | 6.534 | 717 | 722 | 725 | rBV | 1827288 | 1617461 | 97.01% | 6.960% |
| 3 | 6.904 | 782 | 785 | 790 | rBV | 636674 | 506911 | 30.40% | 2.181% |
| 4 | 7.469 | 877 | 881 | 883 | rBV | 1310651 | 1062561 | 63.73% | 4.572% |
| 5 | 7.492 | 883 | 885 | 889 | rVB | 155539 | 111141 | 6.67% | 0.478% |
| 6 | 8.187 | 1000 | 1003 | 1006 | rBV | 690226 | 556581 | 33.38% | 2.395% |
| 7 | 9.263 | 1182 | 1186 | 1189 | rVB | 2295437 | 1667386 | 100.00% | 7.175% |
| 8 | 9.334 | 1196 | 1198 | 1200 | rBV | 160761 | 126369 | 7.58% | 0.544% |
| 9 | 9.363 | 1200 | 1203 | 1208 | rVB | 537313 | 471447 | 28.27% | 2.029% |
| 10 | 9.598 | 1240 | 1243 | 1246 | rBV | 131402 | 152028 | 9.12% | 0.654% |
| 11 | 9.686 | 1255 | 1258 | 1261 | rVB2 | 153175 | 121418 | 7.28% | 0.522% |
| 12 | 9.751 | 1265 | 1269 | 1272 | rVB3 | 143427 | 163825 | 9.83% | 0.705% |
| 13 | 9.863 | 1284 | 1288 | 1291 | rBV2 | 245320 | 204831 | 12.28% | 0.881% |
| 14 | 9.945 | 1299 | 1302 | 1305 | rVB | 662022 | 502639 | 30.15% | 2.163% |
| 15 | 10.139 | 1330 | 1335 | 1340 | rVB3 | 122604 | 177531 | 10.65% | 0.764% |
| 16 | 10.186 | 1340 | 1343 | 1347 | rBV2 | 184617 | 165314 | 9.91% | 0.711% |
| 17 | 10.263 | 1352 | 1356 | 1358 | rBV2 | 163659 | 177376 | 10.64% | 0.763% |
| 18 | 10.363 | 1366 | 1373 | 1376 | rBV2 | 461344 | 568629 | 34.10% | 2.447% |
| 19 | 10.586 | 1407 | 1411 | 1413 | rVB | 280220 | 277985 | 16.67% | 1.196% |
| 20 | 10.733 | 1433 | 1436 | 1439 | rBV | 1034117 | 861489 | 51.67% | 3.707% |
| 21 | 10.839 | 1451 | 1454 | 1459 | rBV2 | 907080 | 1361869 | 81.68% | 5.860% |
| 22 | 11.033 | 1484 | 1487 | 1489 | rBV2 | 186629 | 193327 | 11.59% | 0.832% |
| 23 | 11.069 | 1491 | 1493 | 1495 | rVB | 158014 | 126814 | 7.61% | 0.546% |
| 24 | 11.128 | 1500 | 1503 | 1506 | rBV | 166348 | 141707 | 8.50% | 0.610% |
| 25 | 11.163 | 1507 | 1509 | 1511 | rBV | 144146 | 139322 | 8.36% | 0.599% |
| 26 | 11.292 | 1528 | 1531 | 1533 | rBV | 1069337 | 848083 | 50.86% | 3.649% |
| 27 | 11.322 | 1533 | 1536 | 1542 | rVB | 1211312 | 1137857 | 68.24% | 4.896% |
| 28 | 11.433 | 1552 | 1555 | 1558 | rBV2 | 622968 | 682075 | 40.91% | 2.935% |
| 29 | 11.563 | 1575 | 1577 | 1581 | rVB | 186042 | 160705 | 9.64% | 0.692% |
| 30 | 11.604 | 1581 | 1584 | 1588 | rBV3 | 313471 | 443614 | 26.61% | 1.909% |
| 31 | 11.639 | 1588 | 1590 | 1592 | rBV | 238141 | 212984 | 12.77% | 0.916% |
| 32 | 11.675 | 1593 | 1596 | 1599 | rVV | 570556 | 547631 | 32.84% | 2.356% |
| 33 | 11.722 | 1601 | 1604 | 1607 | rVV | 1271121 | 1027302 | 61.61% | 4.420% |
| 34 | 11.886 | 1630 | 1632 | 1634 | rBV2 | 353716 | 358599 | 21.51% | 1.543% |
| 35 | 11.957 | 1642 | 1644 | 1646 | rBV | 373785 | 305179 | 18.30% | 1.313% |
| 36 | 12.133 | 1671 | 1674 | 1677 | rBV | 1145839 | 966803 | 57.98% | 4.160% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.422 | 1720 | 1723 | 1726 | rBV | 1222960 | 1239256 | 74.32% | 5.332% |
| 38 | 12.533 | 1739 | 1742 | 1744 | rBV | 1139962 | 1131897 | 67.88% | 4.871% |
| 39 | 12.639 | 1757 | 1760 | 1763 | rBV3 | 882254 | 1183556 | 70.98% | 5.093% |

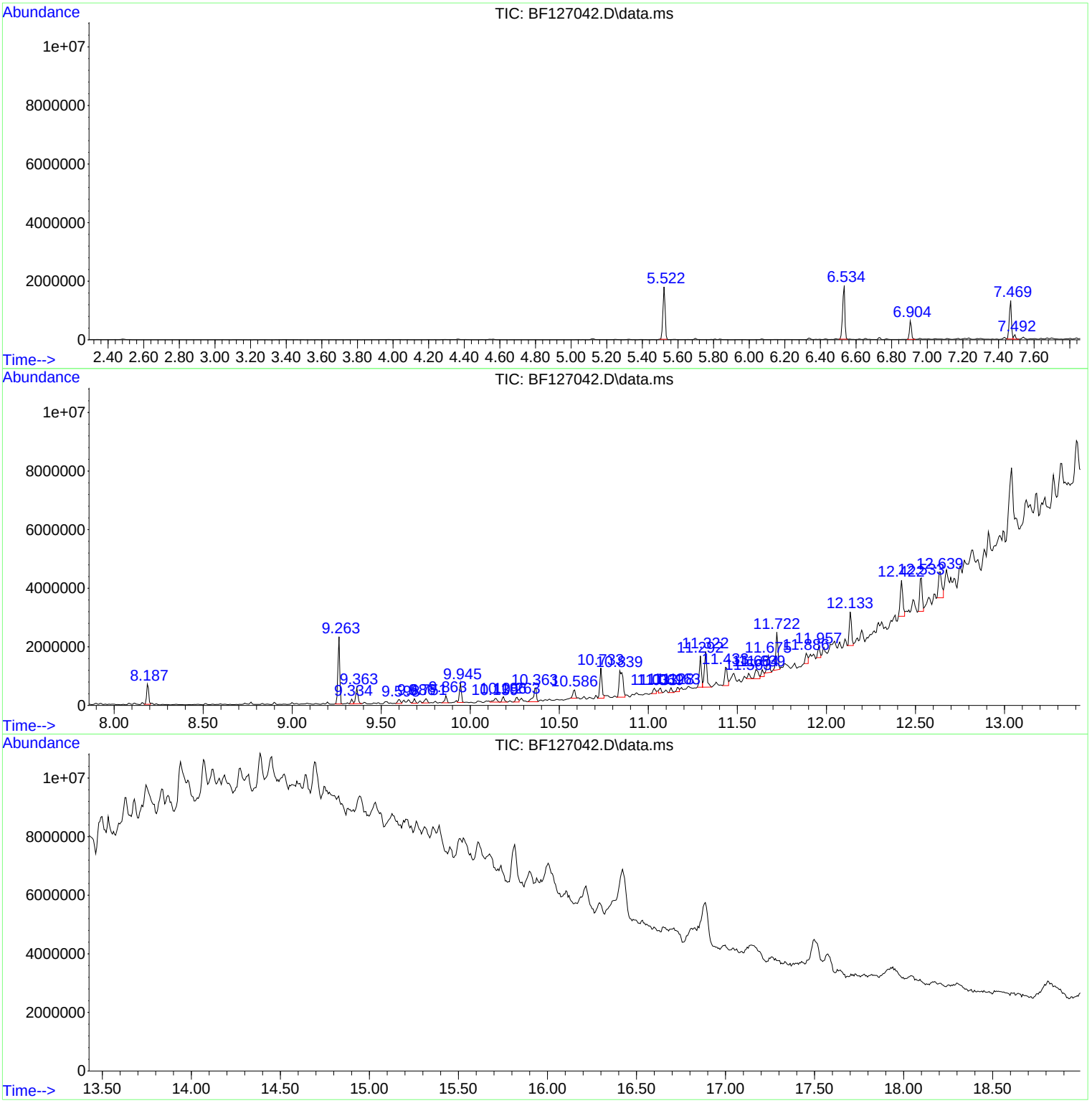
Sum of corrected areas: 23239778

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

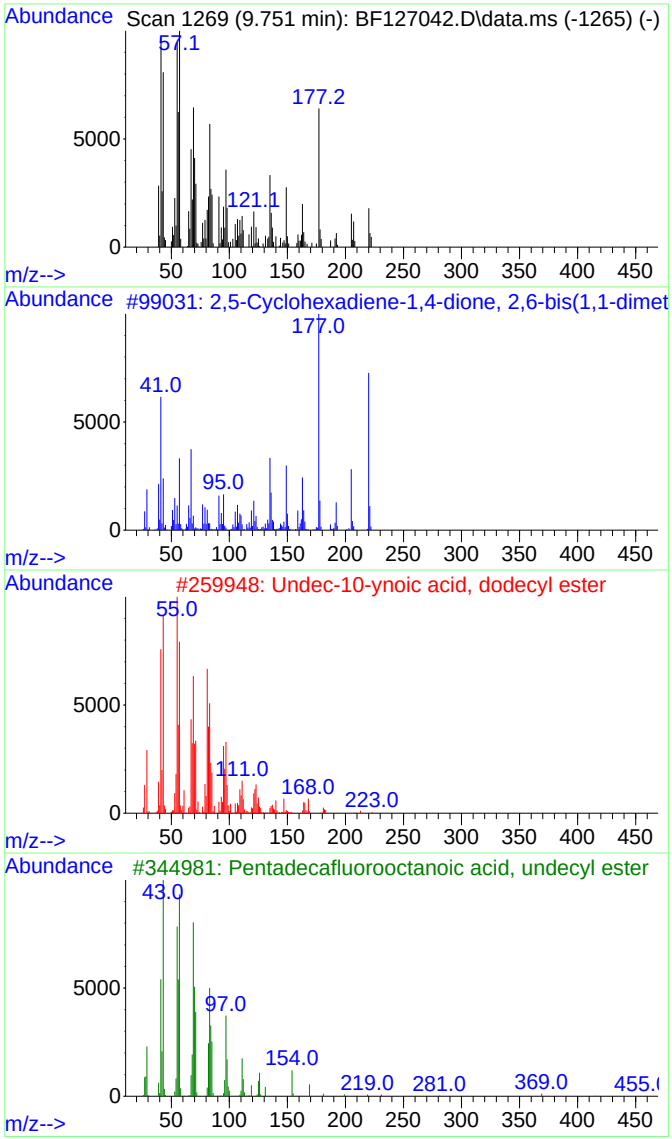
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

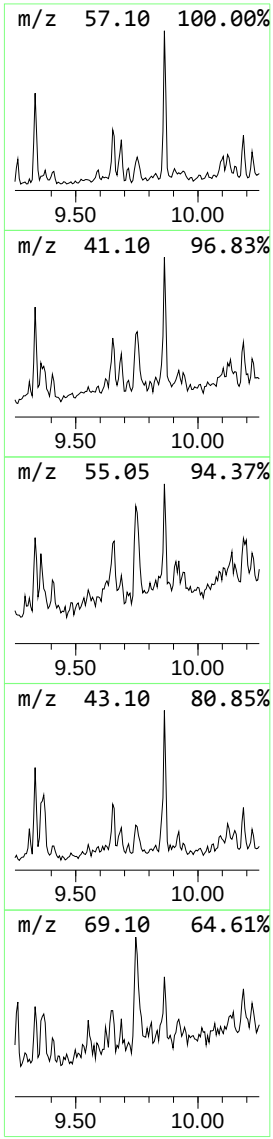
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.751 | 6.52 ng | 163825 | Acenaphthene-d10 | 9.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,5-Cyclohexadiene-1,4-dione, 2,... | 220 | C14H20O2 | 000719-22-2 | 95 |
| 2 | Undec-10-ynoic acid, dodecyl ester | 350 | C23H42O2 | 1010406-16-5 | 49 |
| 3 | Pentadecafluorooctanoic acid, un... | 568 | C19H23F15O2 | 1010406-04-1 | 49 |
| 4 | Cyclododecane | 168 | C12H24 | 000294-62-2 | 46 |
| 5 | Trichloroacetic acid, tridecyl e... | 344 | C15H27Cl3O2 | 074339-51-8 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

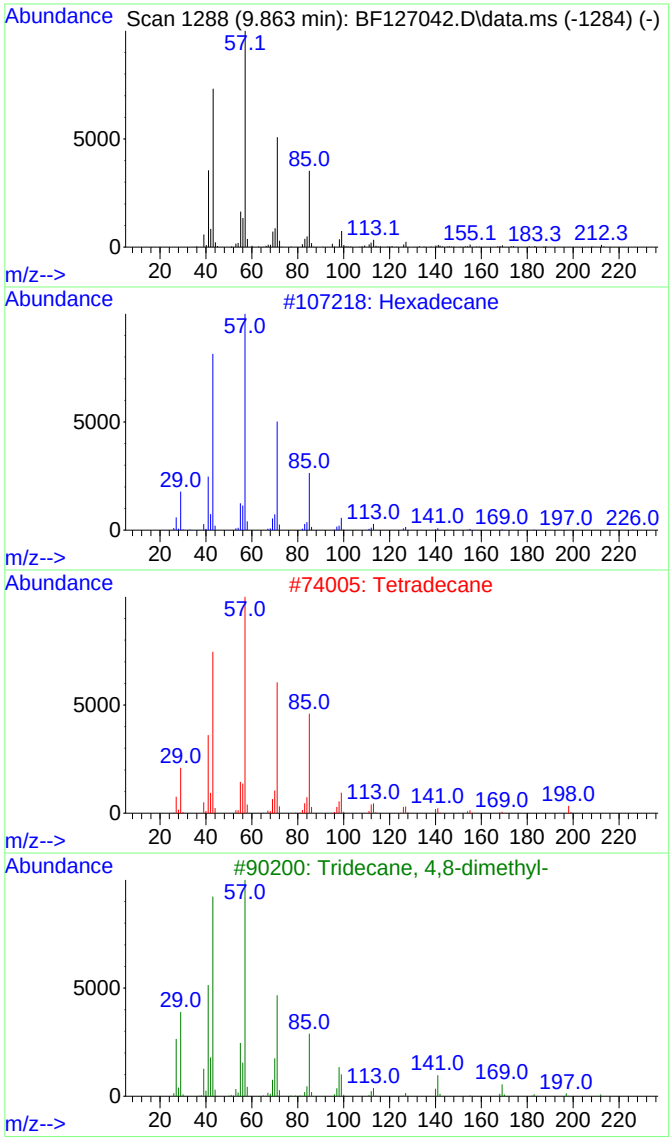
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

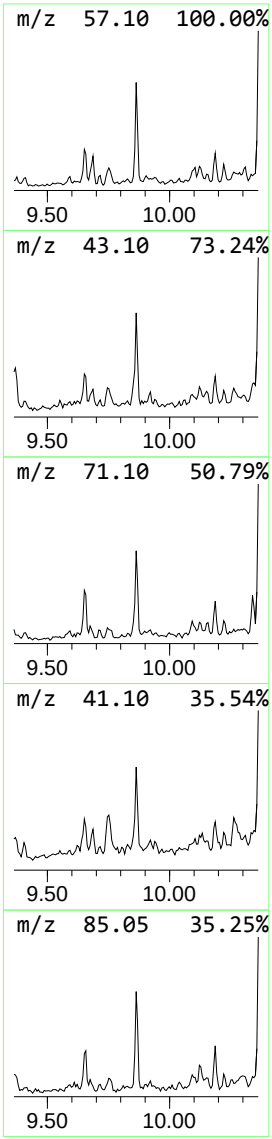
**********

Peak Number 2 Hexadecane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.863 | 8.15 ng | 204831 | Acenaphthene-d10 | 9.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Tridecane, 4,8-dimethyl- | 212 | C15H32 | 055030-62-1 | 90 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 87 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

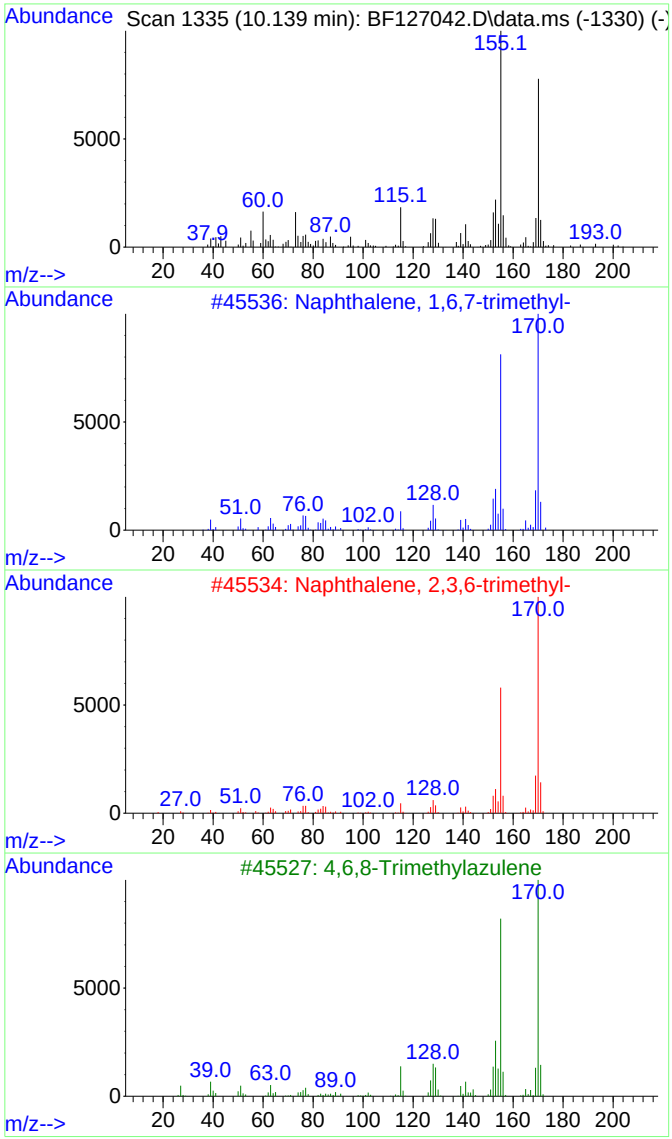
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

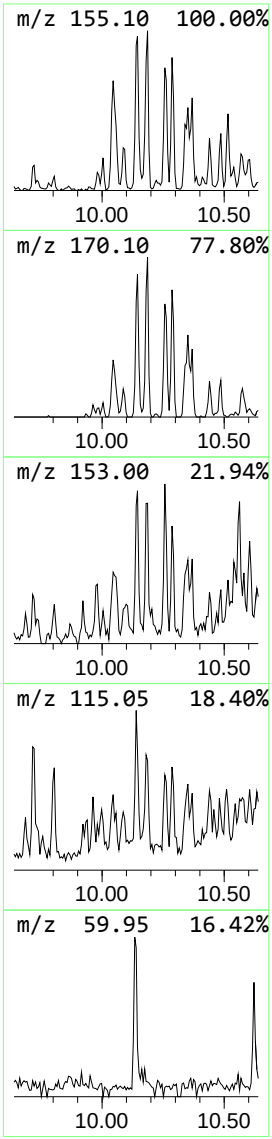
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.139 | 7.06 ng | 177531 | Acenaphthene-d10 | 9.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 3 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 94 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 93 |
| 5 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

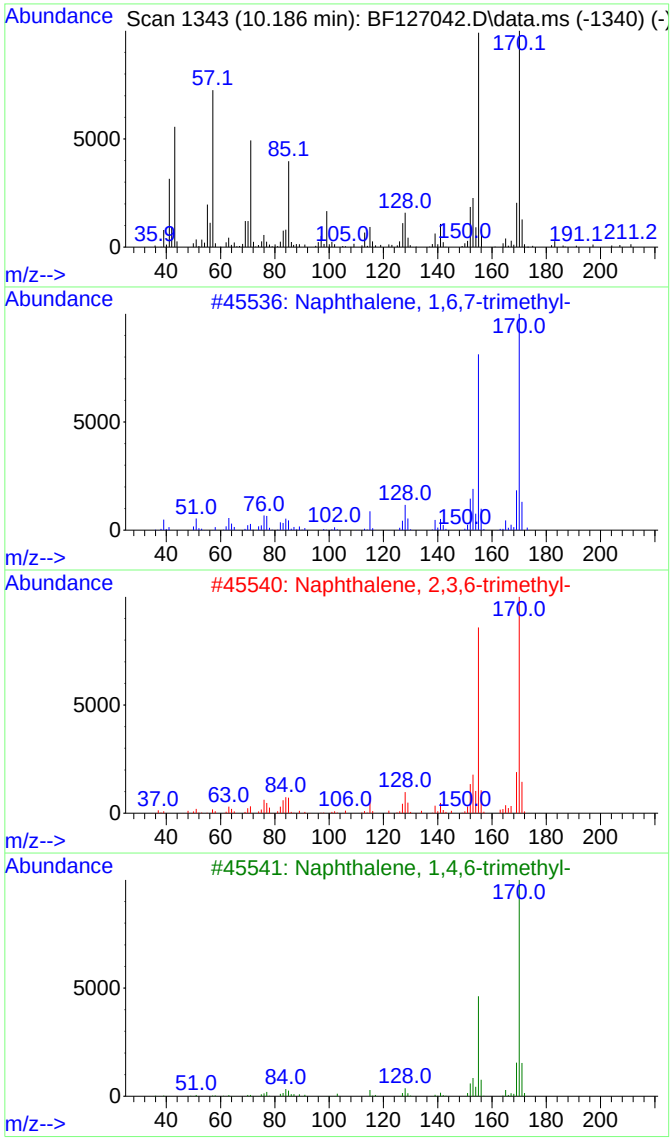
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

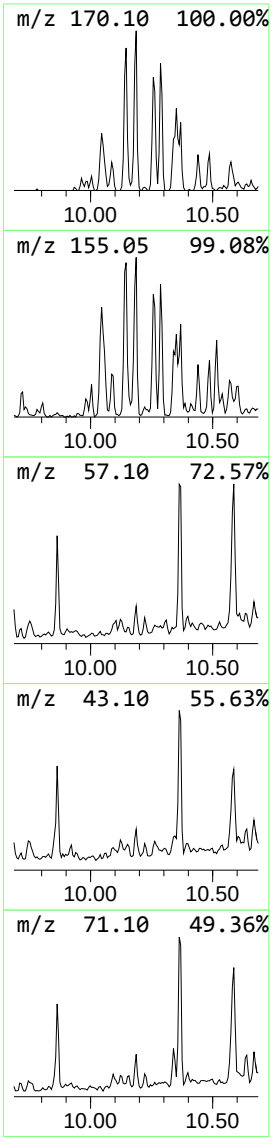
**********

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.186 | 6.58 ng | 165314 | Acenaphthene-d10 | 9.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 89 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 70 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 70 |
| 4 | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170 | C13H14 | 1000294-91-1 | 64 |
| 5 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

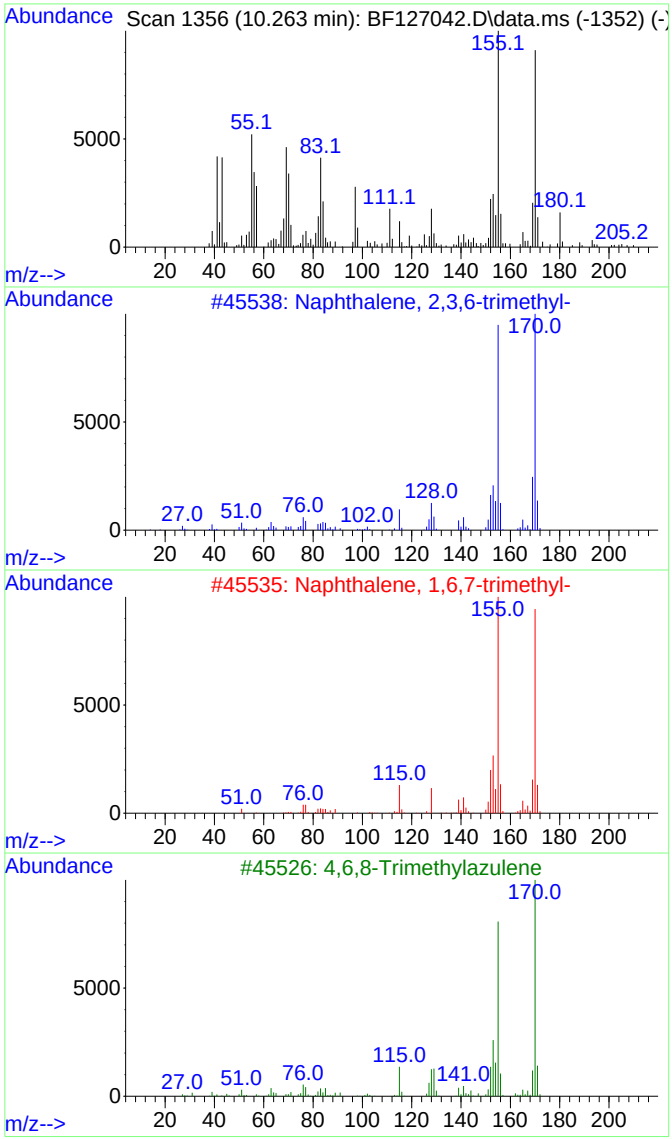
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

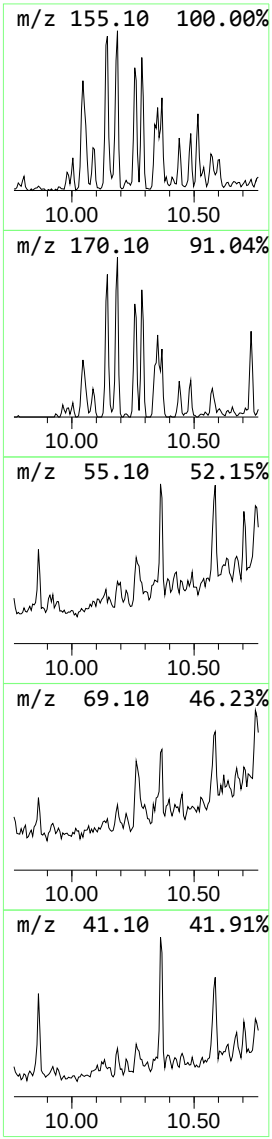
**********

Peak Number 5 4,6,8-Trimethylazulene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.263 | 7.06 ng | 177376 | Acenaphthene-d10 | 9.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 93 |
| 3 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 83 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 83 |
| 5 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

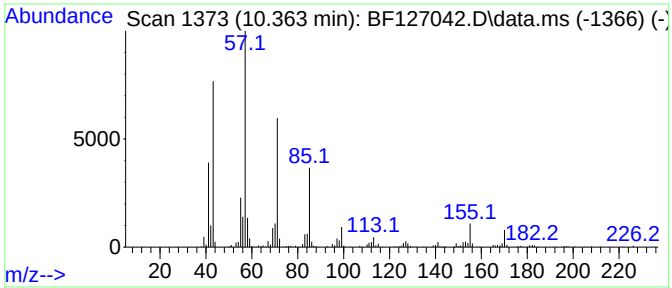
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

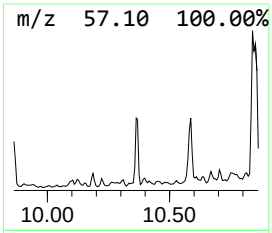
**********

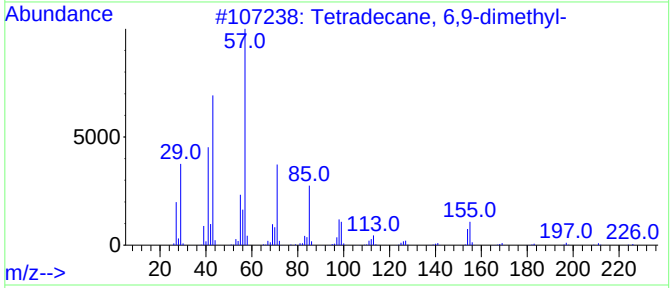
Peak Number 6 Tetradecane, 6,9-dimethyl- Concentration Rank 9

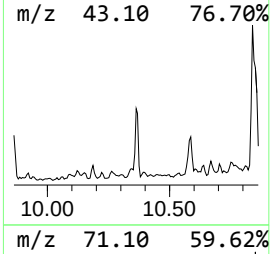
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.363 | 22.63 ng | 568629 | Acenaphthene-d10 | 9.945 |

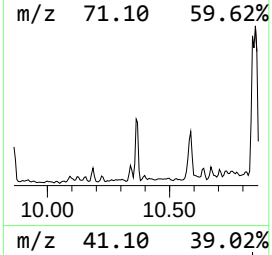
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 6,9-dimethyl- | 226 | C16H34 | 055045-13-1 | 93 |
| 2 | Dodecane | 170 | C12H26 | 000112-40-3 | 91 |
| 3 | 2,3-Dimethyldodecane | 198 | C14H30 | 006117-98-2 | 90 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 83 |
| 5 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 80 |

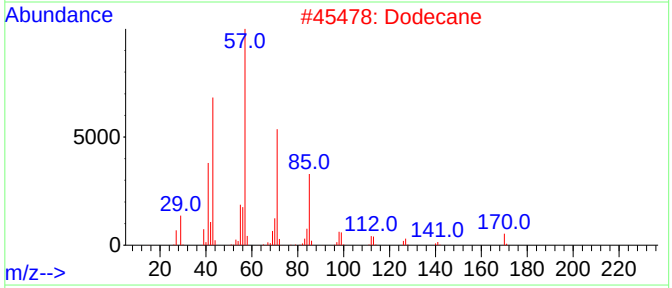


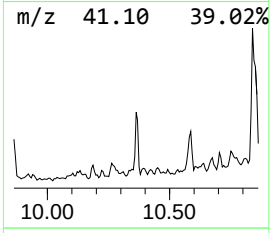



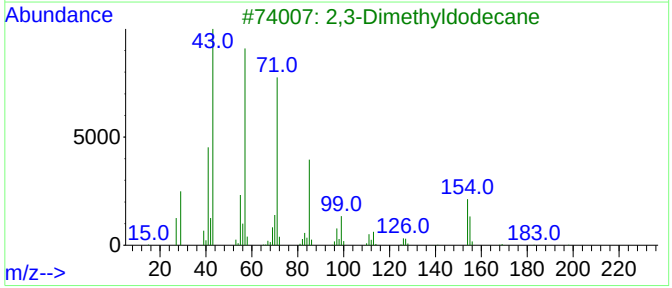



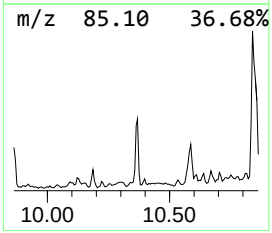



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

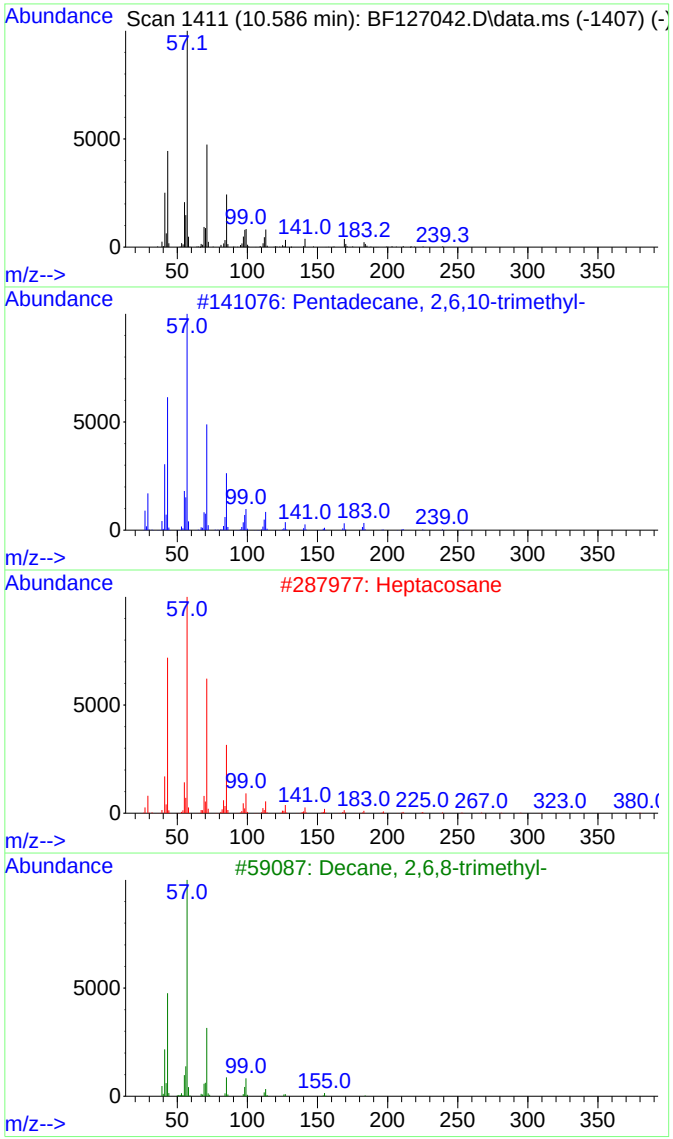
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

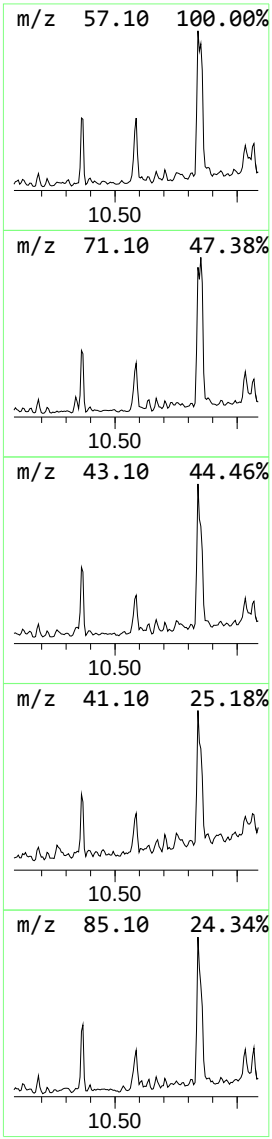
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.586 | 11.06 ng | 277985 | Acenaphthene-d10 | 9.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |
| 3 | Decane, 2,6,8-trimethyl- | 184 | C13H28 | 062108-26-3 | 76 |
| 4 | Decane, 3,6-dimethyl- | 170 | C12H26 | 017312-53-7 | 74 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

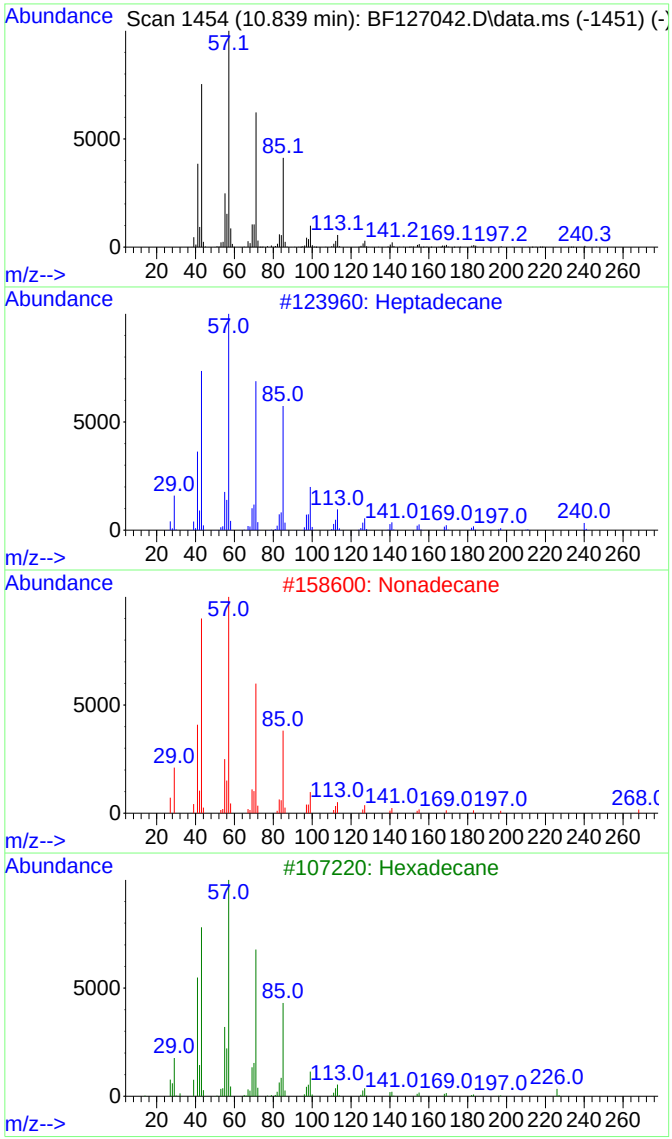
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

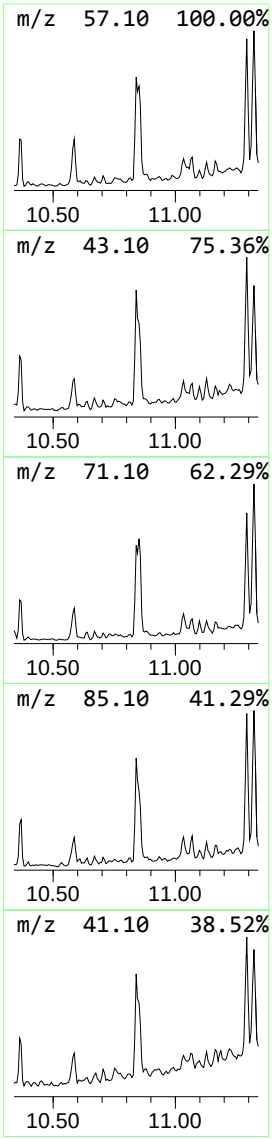
**********

Peak Number 8 Heptadecane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.839 | 39.93 ng | 1361870 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 97 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 89 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

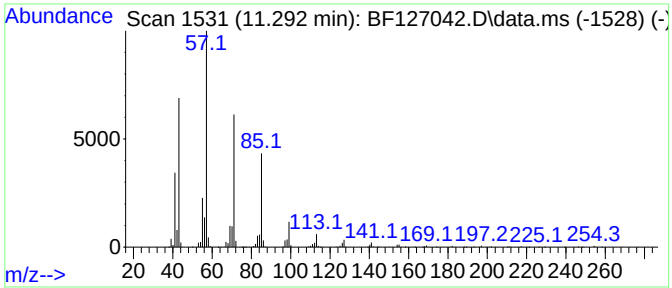
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

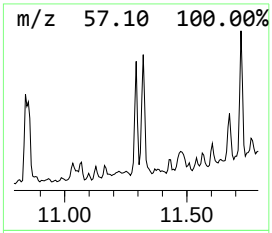
**********

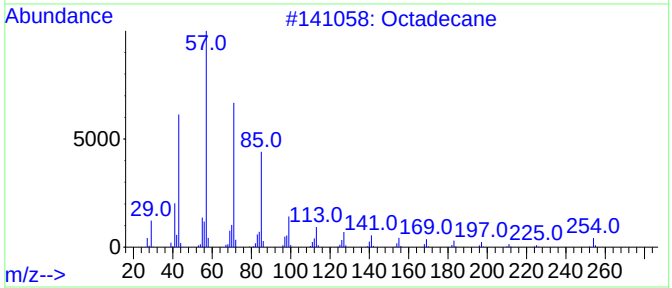
Peak Number 9 Octadecane Concentration Rank 8

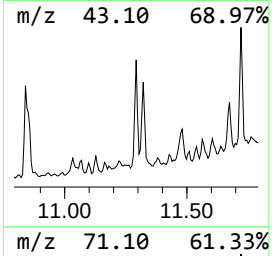
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.292 | 24.87 ng | 848083 | Phenanthrene-d10 | 11.439 |

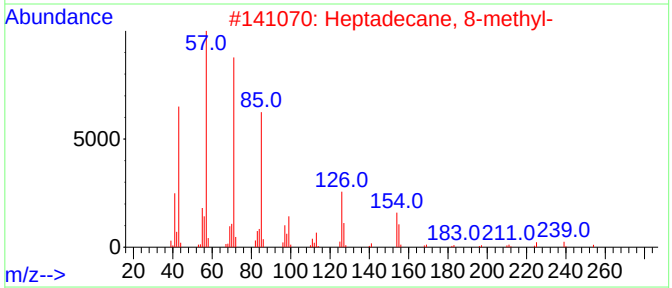
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |
| 2 | Heptadecane, 8-methyl- | 254 | C18H38 | 013287-23-5 | 87 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 86 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |

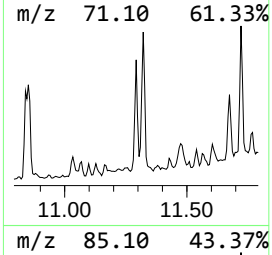


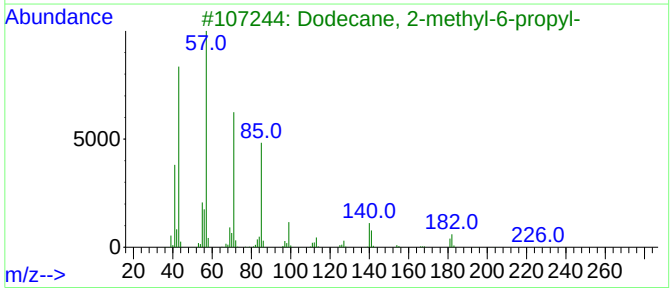



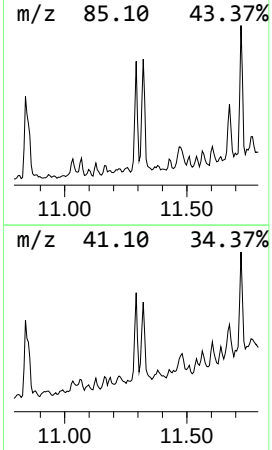



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

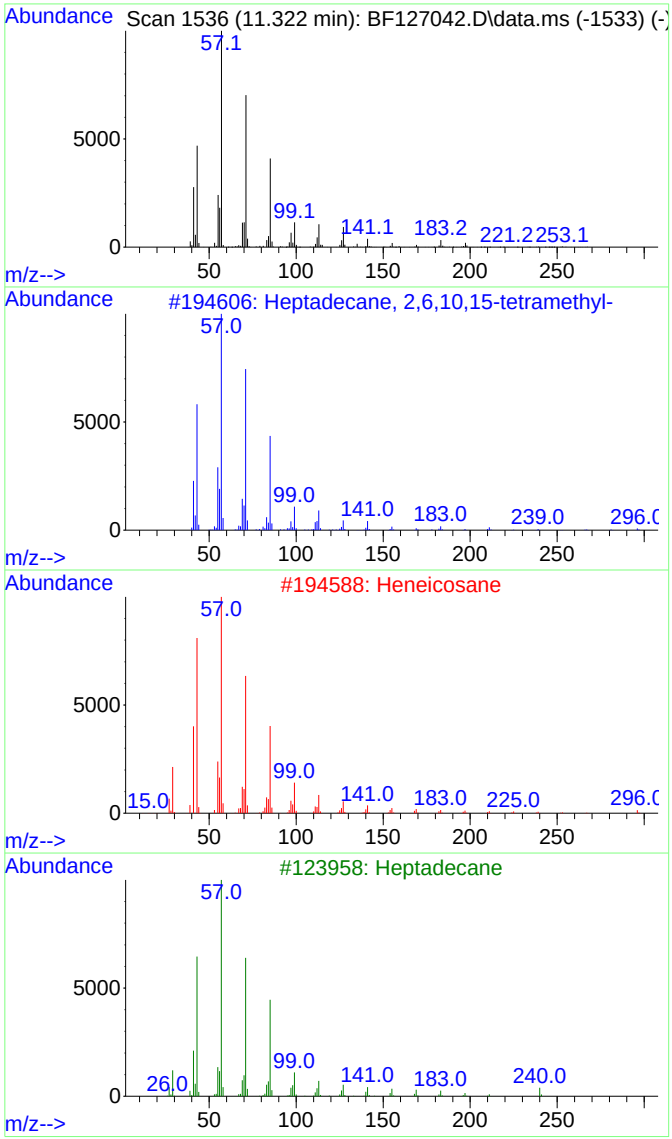
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

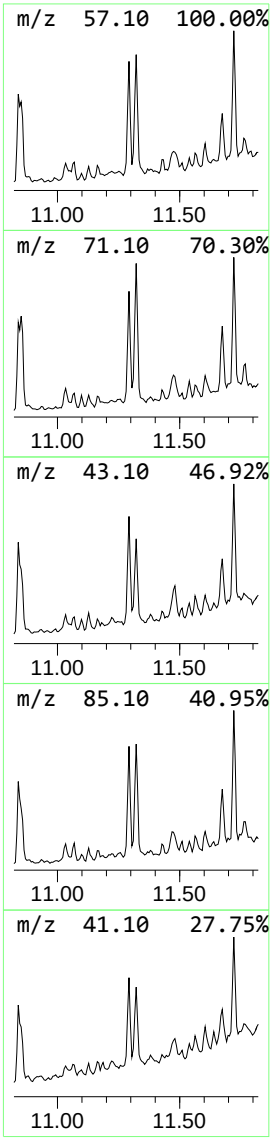
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.322 | 33.36 ng | 1137860 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

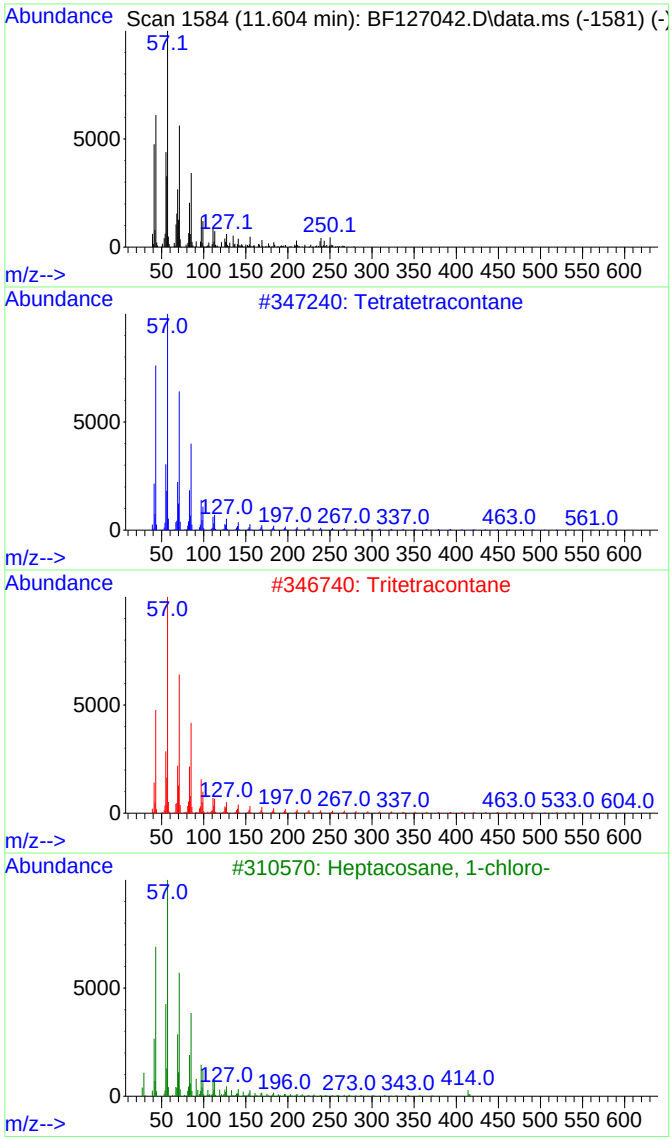
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

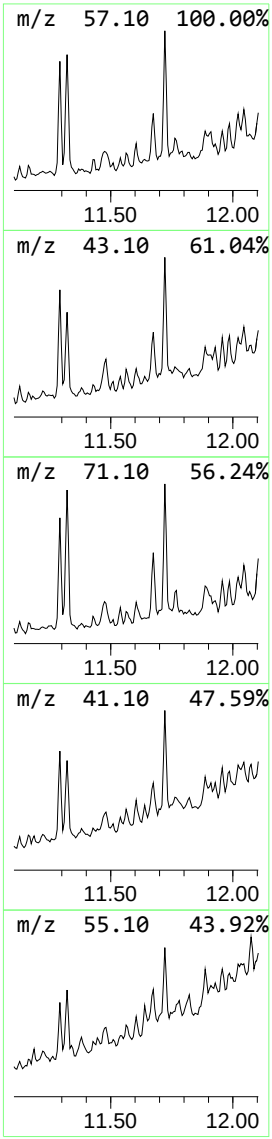
**********

Peak Number 11 Tetratetracontane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.604 | 13.01 ng | 443614 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 83 |
| 2 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 83 |
| 3 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 83 |
| 4 | Octadecane, 1-bromo- | 332 | C18H37Br | 000112-89-0 | 83 |
| 5 | 1-Bromodocosane | 388 | C22H45Br | 006938-66-5 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

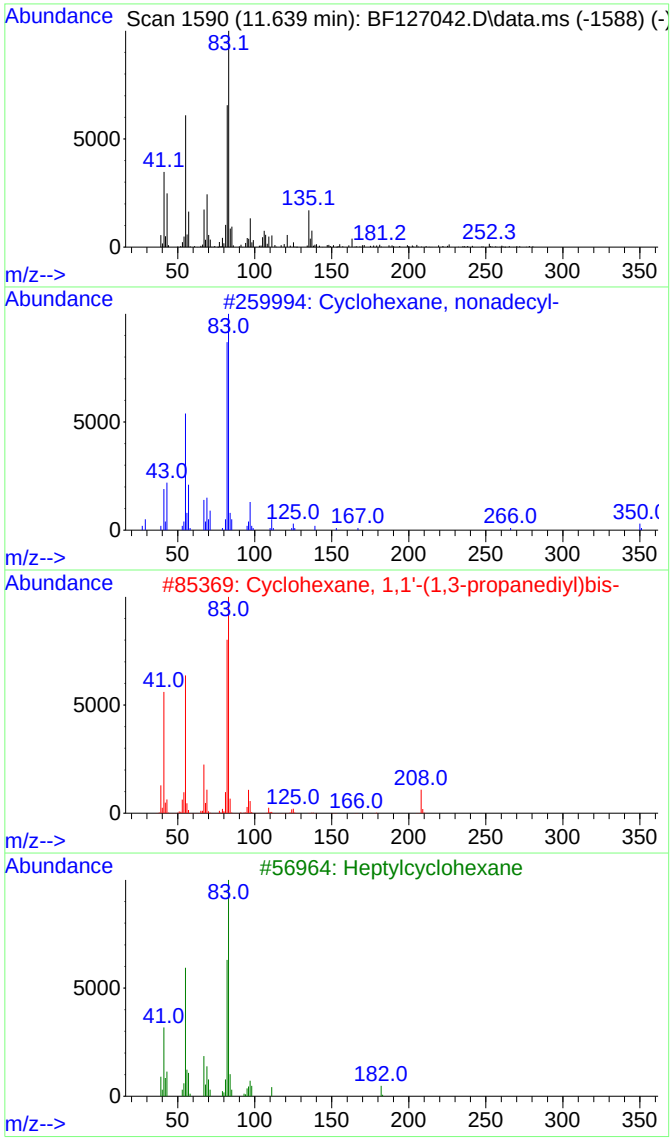
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

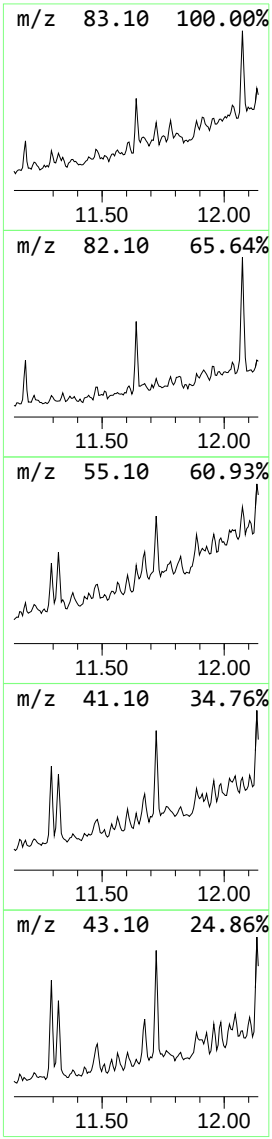
**********

Peak Number 12 Cyclohexane, nonadecyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.639 | 6.25 ng | 212984 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, nonadecyl- | 350 | C25H50 | 022349-03-7 | 64 |
| 2 | Cyclohexane, 1,1'-(1,3-propanedi... | 208 | C15H28 | 003178-24-3 | 62 |
| 3 | Heptylcyclohexane | 182 | C13H26 | 005617-41-4 | 62 |
| 4 | Dodecylcyclohexane | 252 | C18H36 | 001795-17-1 | 59 |
| 5 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

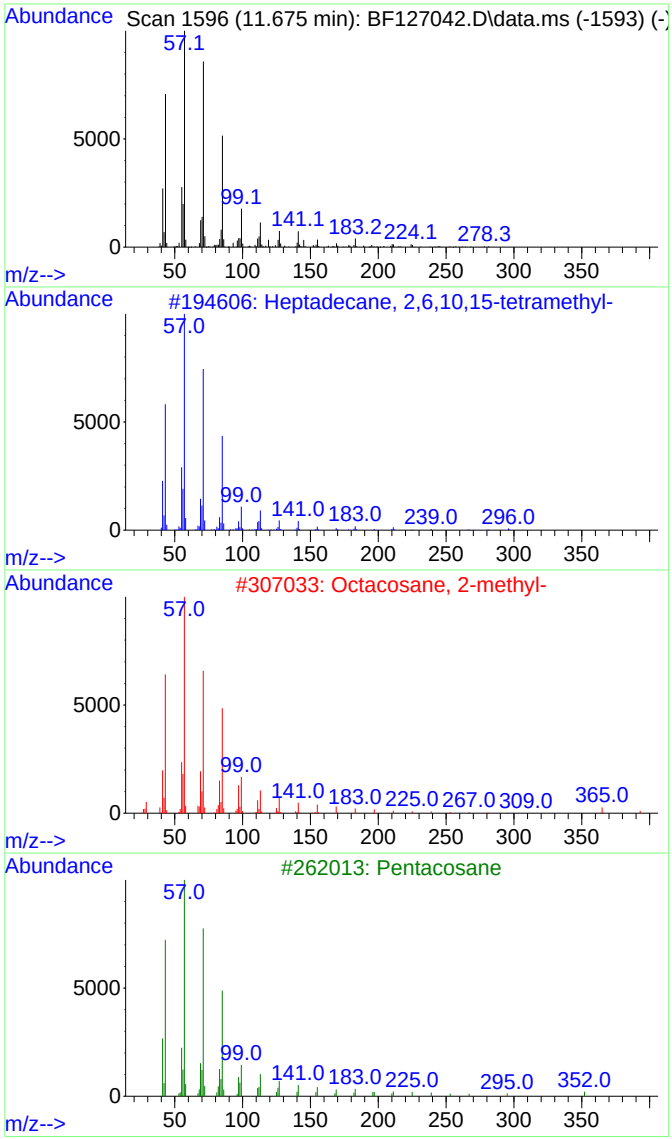
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

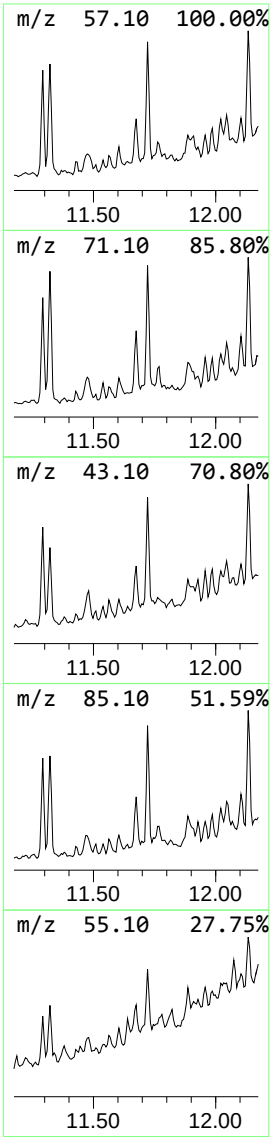
**********

Peak Number 13 Octacosane, 2-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.675 | 16.06 ng | 547631 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 2 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 90 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

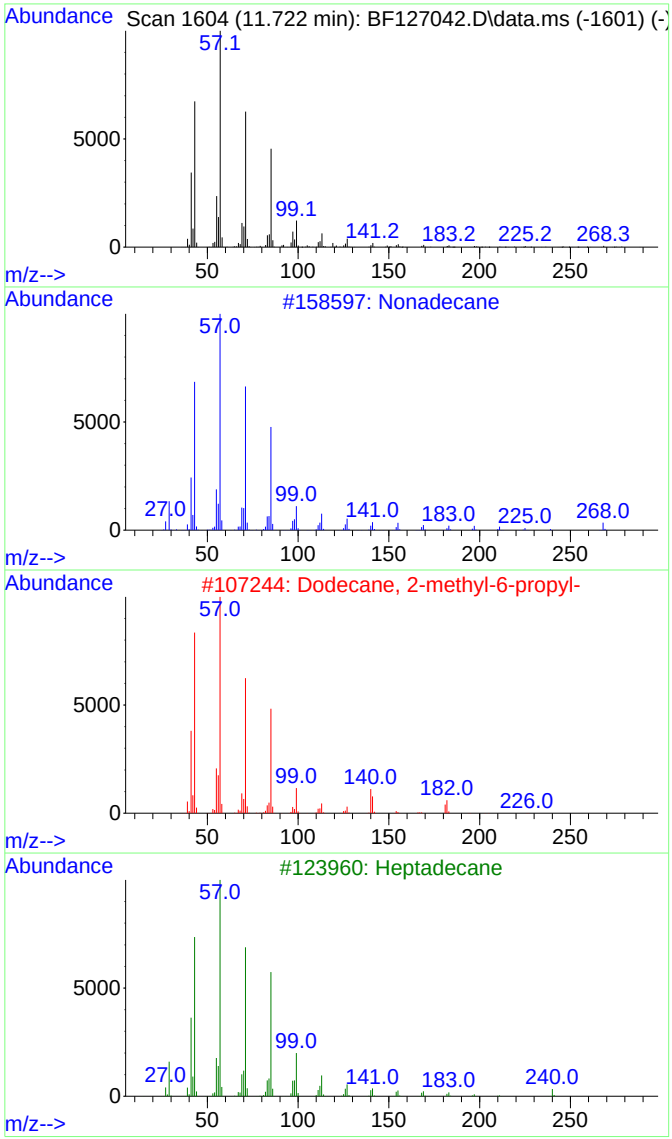
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

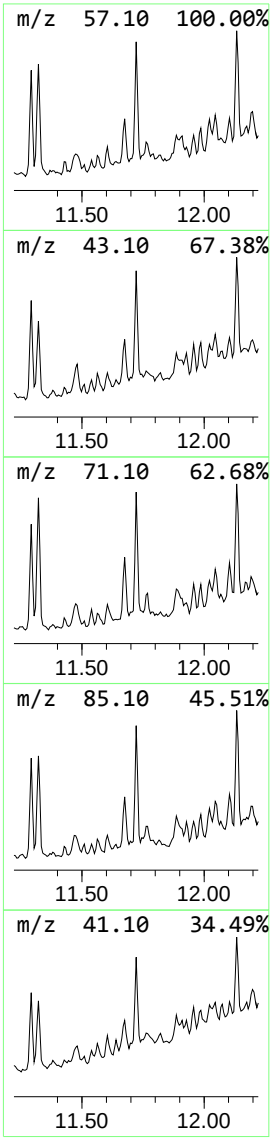
**********

Peak Number 14 Nonadecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.722 | 30.12 ng | 1027300 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 94 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 93 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

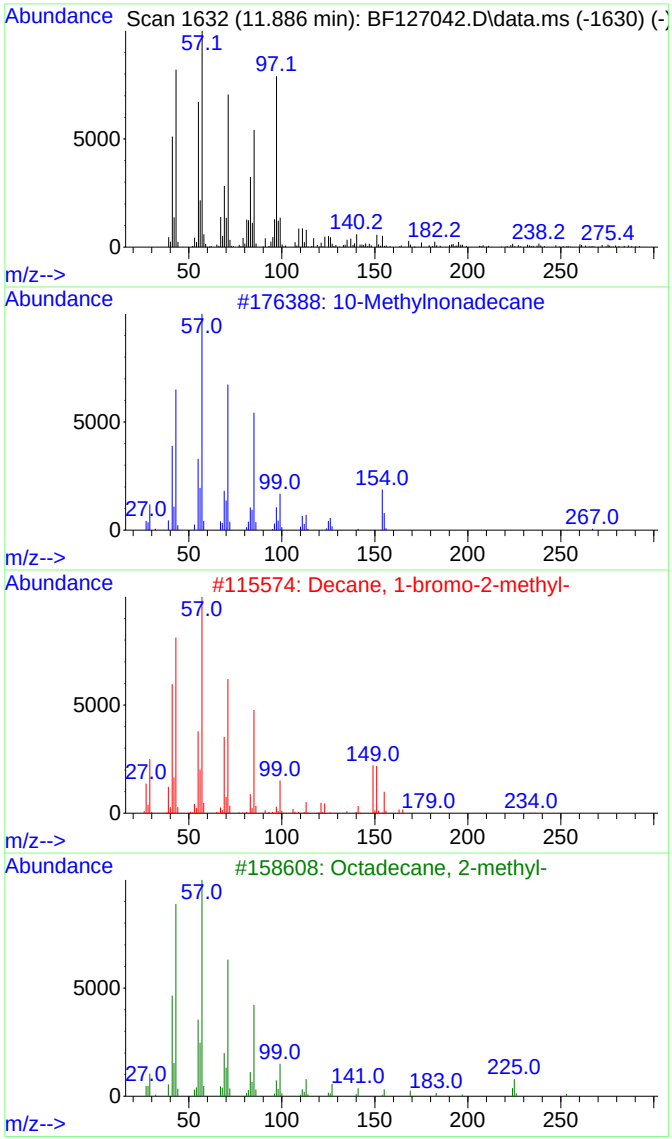
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

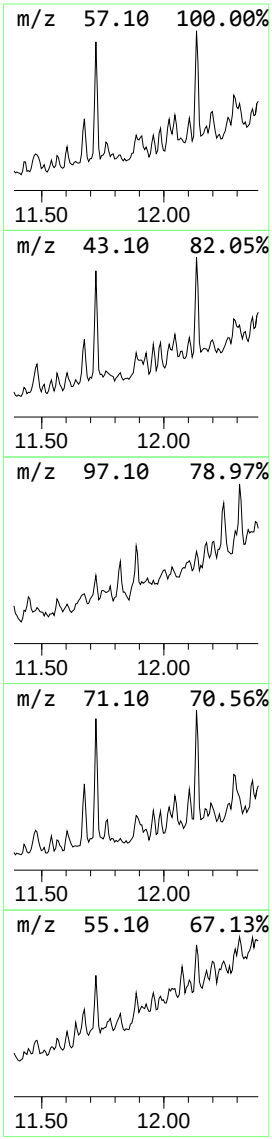
**********

Peak Number 15 10-Methylnonadecane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.886 | 10.51 ng | 358599 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 53 |
| 2 | Decane, 1-bromo-2-methyl- | 234 | C11H23Br | 127839-47-8 | 50 |
| 3 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 49 |
| 4 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 49 |
| 5 | trans-1,2-Diethyl cyclopentane | 126 | C9H18 | 000932-40-1 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

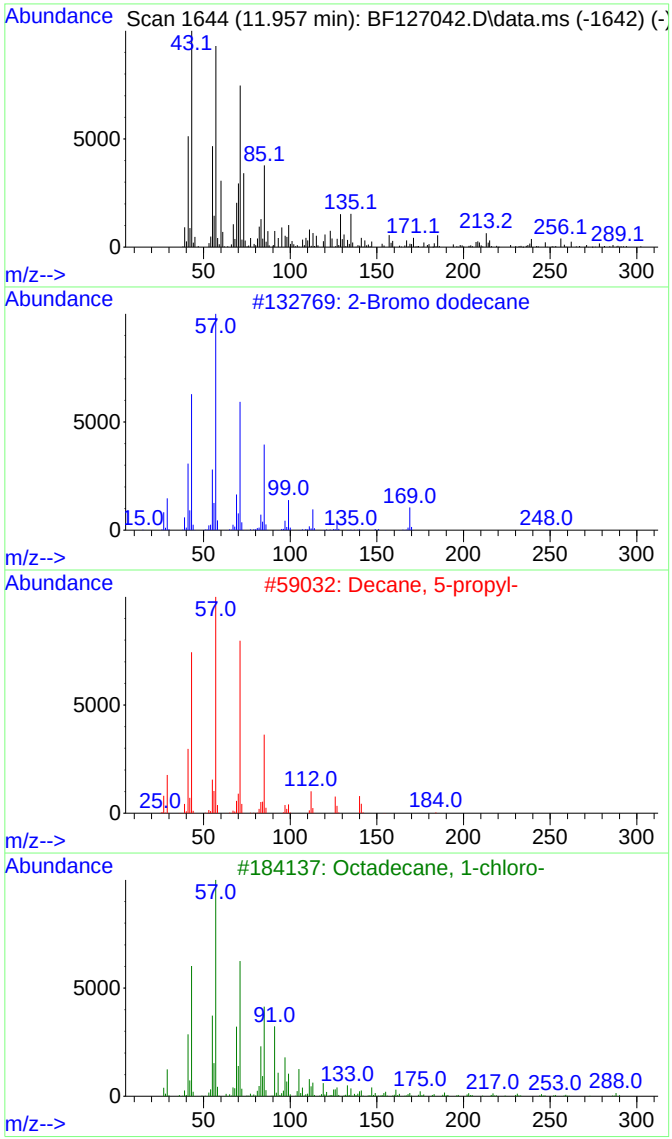
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

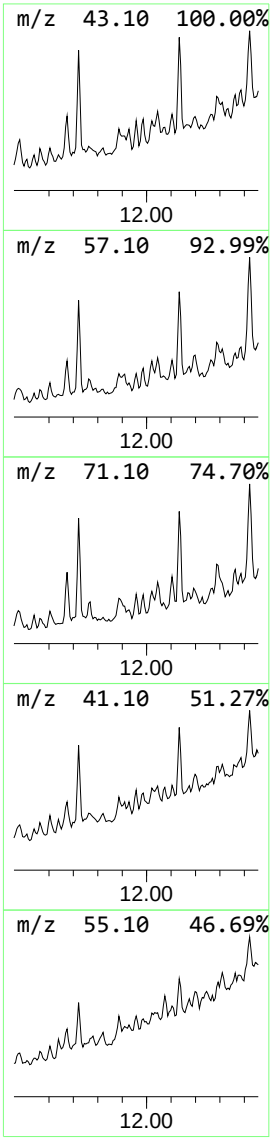
**********

Peak Number 16 2-Bromo dodecane Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.957 | 8.95 ng | 305179 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 83 |
| 2 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 55 |
| 3 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 53 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 53 |
| 5 | Undecane, 4-methyl- | 170 | C12H26 | 002980-69-0 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

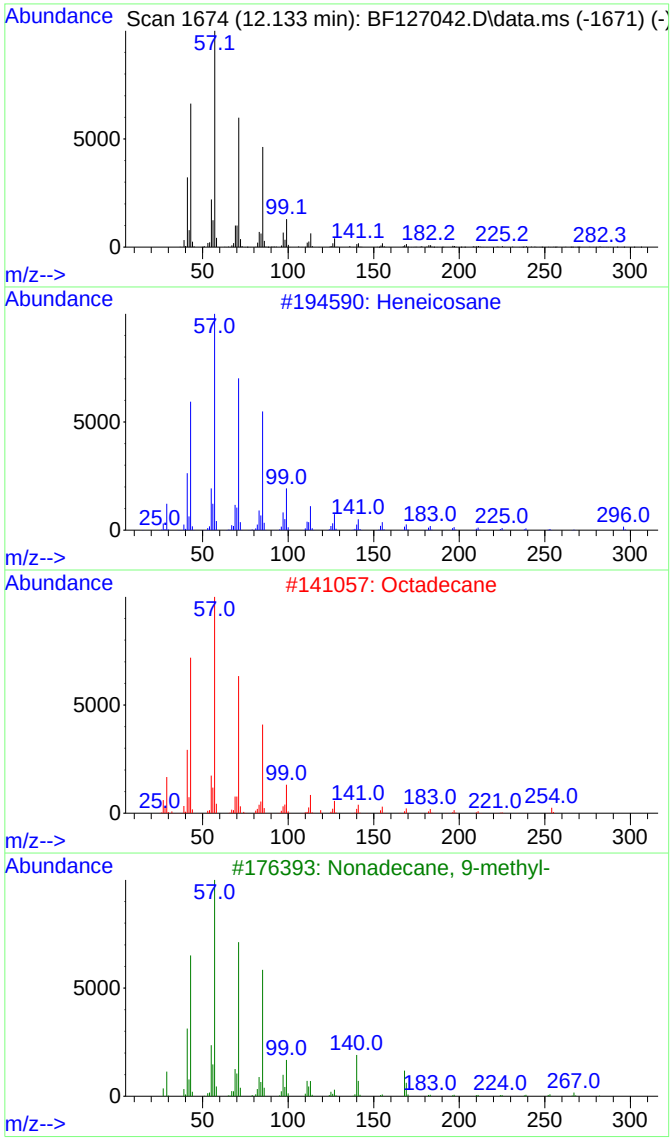
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

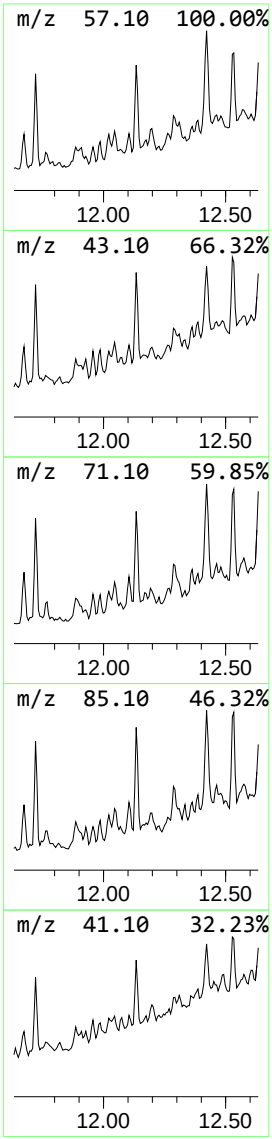
**********

Peak Number 17 Heneicosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.133 | 28.35 ng | 966803 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 96 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 95 |
| 3 | Nonadecane, 9-methyl- | 282 | C20H42 | 013287-24-6 | 93 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

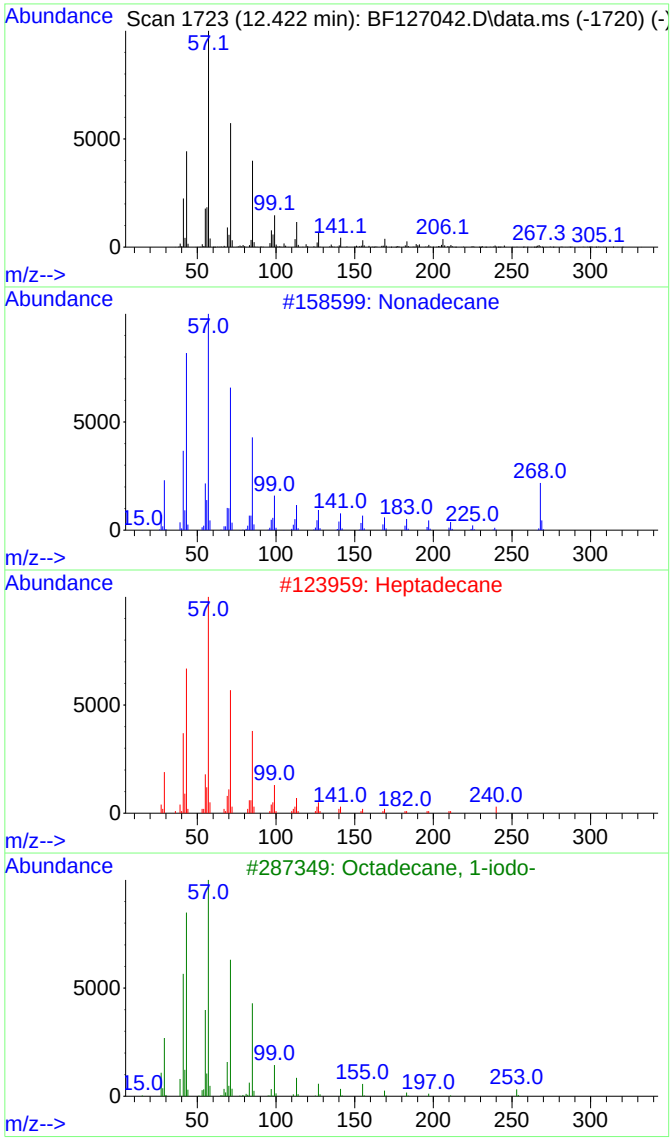
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

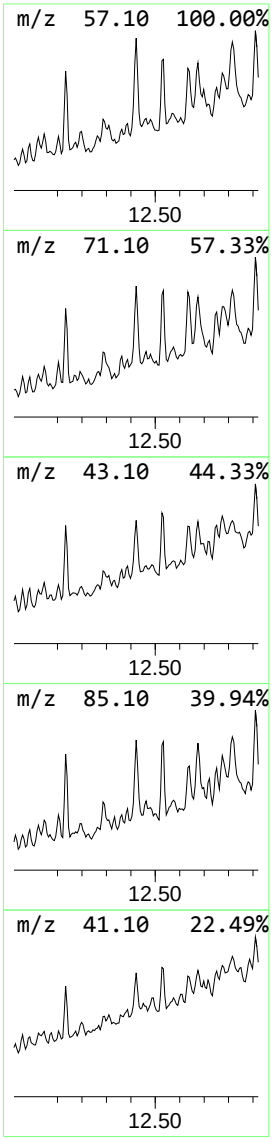
**********

Peak Number 18 Octadecane, 1-iodo- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.422 | 36.34 ng | 1239260 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 94 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 3 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 90 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 90 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

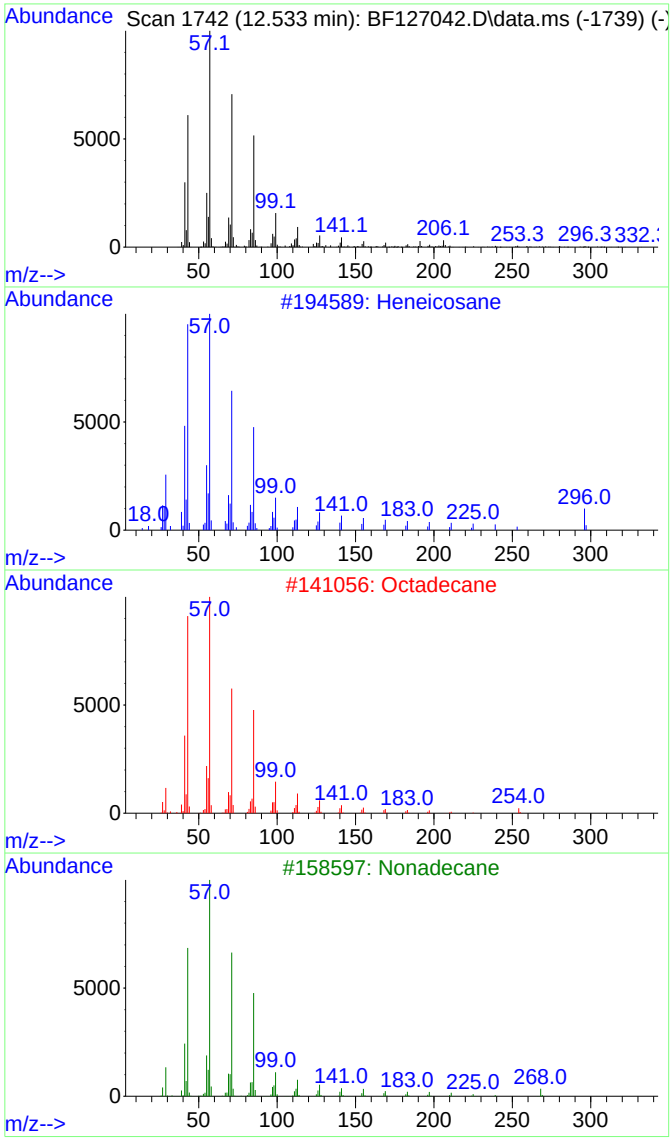
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

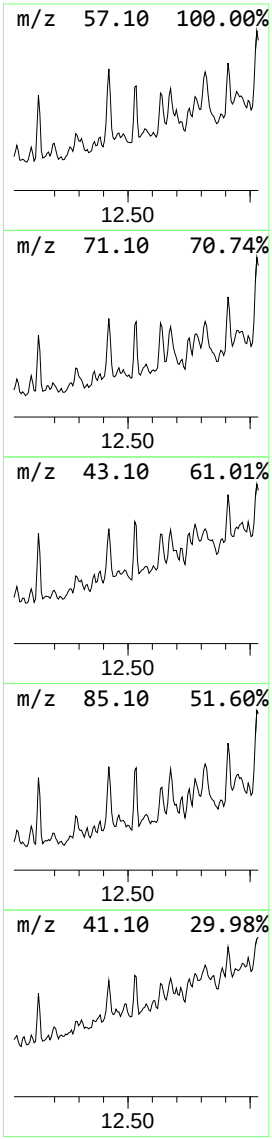
**********

Peak Number 19 unknown12.533 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.533 | 33.19 ng | 1131900 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 95 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

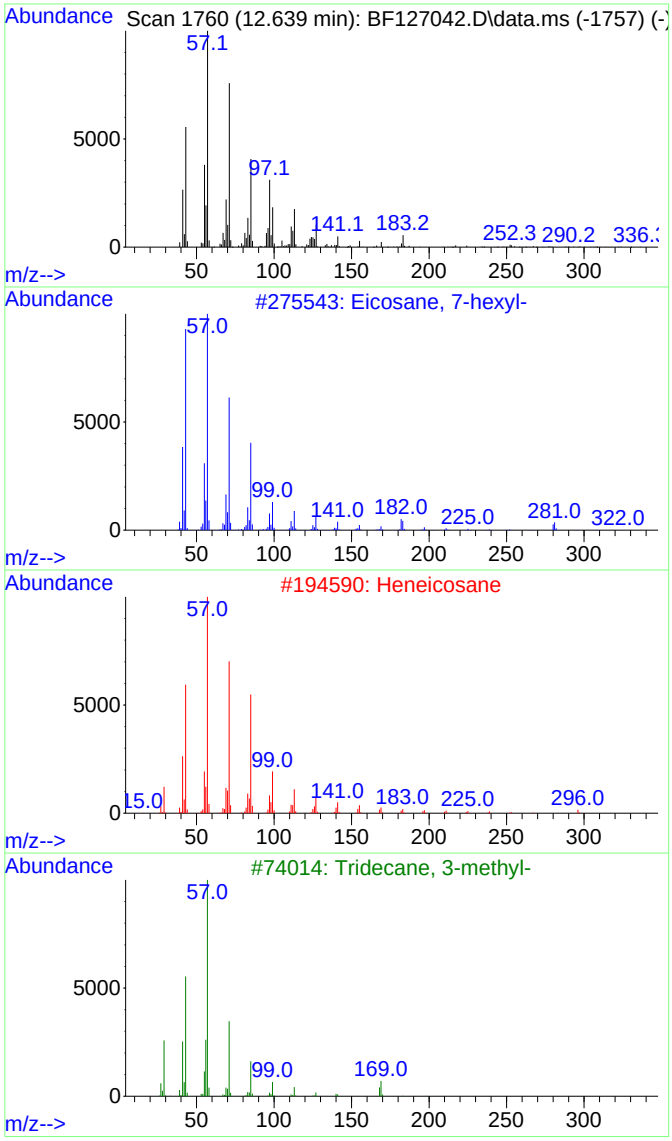
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

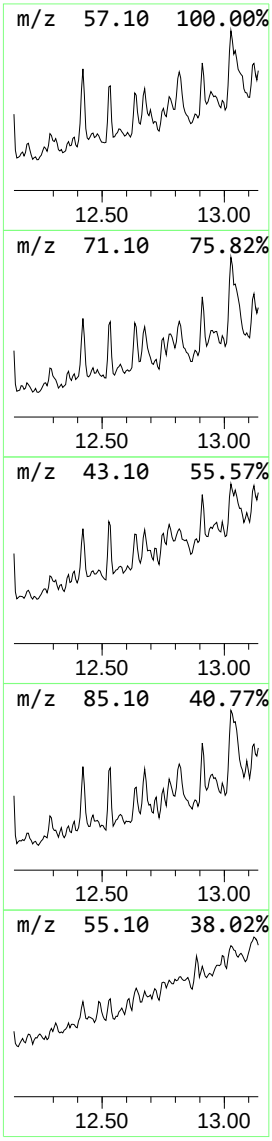
**********

Peak Number 20 Eicosane, 7-hexyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.639 | 34.70 ng | 1183560 | Phenanthrene-d10 | 11.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 86 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 80 |
| 3 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 80 |
| 4 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 80 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 80 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CC-B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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 |
| 2,5-Cyclohexadi... | 9.751 | 6.5 | ng | 163825 | 3 | 9.945 | 502639 | 20.0 |
| Hexadecane | 9.863 | 8.2 | ng | 204831 | 3 | 9.945 | 502639 | 20.0 |
| Naphthalene, 1,... | 10.139 | 7.1 | ng | 177531 | 3 | 9.945 | 502639 | 20.0 |
| Naphthalene, 2,... | 10.186 | 6.6 | ng | 165314 | 3 | 9.945 | 502639 | 20.0 |
| 4,6,8-Trimethyl... | 10.263 | 7.1 | ng | 177376 | 3 | 9.945 | 502639 | 20.0 |
| Tetradecane, 6,... | 10.363 | 22.6 | ng | 568629 | 3 | 9.945 | 502639 | 20.0 |
| Pentadecane, 2,... | 10.586 | 11.1 | ng | 277985 | 3 | 9.945 | 502639 | 20.0 |
| Heptadecane | 10.839 | 39.9 | ng | 1361870 | 4 | 11.439 | 682075 | 20.0 |
| Octadecane | 11.292 | 24.9 | ng | 848083 | 4 | 11.439 | 682075 | 20.0 |
| Heptadecane, 2,... | 11.322 | 33.4 | ng | 1137860 | 4 | 11.439 | 682075 | 20.0 |
| Tetratetracontane | 11.604 | 13.0 | ng | 443614 | 4 | 11.439 | 682075 | 20.0 |
| Cyclohexane, no... | 11.639 | 6.3 | ng | 212984 | 4 | 11.439 | 682075 | 20.0 |
| Octacosane, 2-m... | 11.675 | 16.1 | ng | 547631 | 4 | 11.439 | 682075 | 20.0 |
| Nonadecane | 11.722 | 30.1 | ng | 1027300 | 4 | 11.439 | 682075 | 20.0 |
| 10-Methylnonade... | 11.886 | 10.5 | ng | 358599 | 4 | 11.439 | 682075 | 20.0 |
| 2-Bromo dodecane | 11.957 | 8.9 | ng | 305179 | 4 | 11.439 | 682075 | 20.0 |
| Heneicosane | 12.133 | 28.4 | ng | 966803 | 4 | 11.439 | 682075 | 20.0 |
| Octadecane, 1-i... | 12.422 | 36.3 | ng | 1239260 | 4 | 11.439 | 682075 | 20.0 |
| unknown12.533 | 12.533 | 33.2 | ng | 1131900 | 4 | 11.439 | 682075 | 20.0 |
| Eicosane, 7-hexyl- | 12.639 | 34.7 | ng | 1183560 | 4 | 11.439 | 682075 | 20.0 |