LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.281 | 369 | 373 | 380 | rBV | 45227 | 65093 | 6.74% | 0.608% |
| 2 | 4.916 | 478 | 481 | 490 | rBV | 75295 | 92228 | 9.55% | 0.862% |
| 3 | 5.369 | 555 | 558 | 574 | rBV | 88597 | 133050 | 13.78% | 1.244% |
| 4 | 6.387 | 728 | 731 | 744 | rBV | 209133 | 267934 | 27.75% | 2.505% |
| 5 | 6.734 | 787 | 790 | 799 | rBV | 744990 | 640809 | 66.36% | 5.990% |
| 6 | 6.892 | 813 | 817 | 827 | rBV | 353434 | 315836 | 32.71% | 2.952% |
| 7 | 7.298 | 883 | 886 | 897 | rBV | 195180 | 199931 | 20.71% | 1.869% |
| 8 | 8.016 | 1002 | 1008 | 1015 | rBV | 973424 | 843385 | 87.34% | 7.884% |
| 9 | 8.833 | 1143 | 1147 | 1151 | rBV2 | 22057 | 26994 | 2.80% | 0.252% |
| 10 | 9.086 | 1187 | 1190 | 1201 | rBV | 484819 | 458645 | 47.50% | 4.287% |
| 11 | 9.175 | 1201 | 1205 | 1207 | rBV | 39616 | 36540 | 3.78% | 0.342% |
| 12 | 9.363 | 1232 | 1237 | 1240 | rBV2 | 22852 | 30818 | 3.19% | 0.288% |
| 13 | 9.428 | 1245 | 1248 | 1251 | rVV | 35136 | 42276 | 4.38% | 0.395% |
| 14 | 9.486 | 1255 | 1258 | 1262 | rVV2 | 35483 | 50815 | 5.26% | 0.475% |
| 15 | 9.551 | 1266 | 1269 | 1273 | rVB3 | 21959 | 26470 | 2.74% | 0.247% |
| 16 | 9.633 | 1280 | 1283 | 1287 | rVB | 23218 | 24915 | 2.58% | 0.233% |
| 17 | 9.704 | 1293 | 1295 | 1299 | rVB | 31775 | 24237 | 2.51% | 0.227% |
| 18 | 9.769 | 1300 | 1306 | 1310 | rBV | 1094765 | 921561 | 95.44% | 8.615% |
| 19 | 9.804 | 1310 | 1312 | 1316 | rVB | 41541 | 40294 | 4.17% | 0.377% |
| 20 | 9.875 | 1321 | 1324 | 1329 | rVB3 | 15618 | 18531 | 1.92% | 0.173% |
| 21 | 9.975 | 1337 | 1341 | 1346 | rVB | 39813 | 40084 | 4.15% | 0.375% |
| 22 | 10.016 | 1346 | 1348 | 1354 | rVB4 | 17155 | 22767 | 2.36% | 0.213% |
| 23 | 10.086 | 1357 | 1360 | 1363 | rBV | 21741 | 21904 | 2.27% | 0.205% |
| 24 | 10.175 | 1372 | 1375 | 1377 | rBV2 | 15007 | 18723 | 1.94% | 0.175% |
| 25 | 10.204 | 1377 | 1380 | 1382 | rVB2 | 45984 | 43594 | 4.51% | 0.408% |
| 26 | 10.316 | 1396 | 1399 | 1405 | rBV3 | 57460 | 66971 | 6.94% | 0.626% |
| 27 | 10.422 | 1415 | 1417 | 1423 | rVB3 | 26647 | 29508 | 3.06% | 0.276% |
| 28 | 10.475 | 1423 | 1426 | 1429 | rVB3 | 17968 | 19502 | 2.02% | 0.182% |
| 29 | 10.675 | 1457 | 1460 | 1469 | rVB3 | 71287 | 104994 | 10.87% | 0.981% |
| 30 | 10.757 | 1469 | 1474 | 1476 | rBV4 | 14268 | 22436 | 2.32% | 0.210% |
| 31 | 10.863 | 1489 | 1492 | 1495 | rBV5 | 18034 | 19248 | 1.99% | 0.180% |
| 32 | 10.892 | 1495 | 1497 | 1500 | rVB2 | 16412 | 15311 | 1.59% | 0.143% |
| 33 | 11.063 | 1523 | 1526 | 1531 | rBV | 21648 | 23450 | 2.43% | 0.219% |
| 34 | 11.122 | 1531 | 1536 | 1538 | rVV | 65751 | 67071 | 6.95% | 0.627% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.151 | 1538 | 1541 | 1546 | rVB | 67731 | 74372 | 7.70% | 0.695% |
| 36 | 11.251 | 1554 | 1558 | 1560 | rBV | 935856 | 818204 | 84.73% | 7.648% |
| 37 | 11.275 | 1560 | 1562 | 1566 | rVV | 396739 | 337591 | 34.96% | 3.156% |
| 38 | 11.327 | 1569 | 1571 | 1574 | rVB | 64382 | 61067 | 6.32% | 0.571% |
| 39 | 11.369 | 1574 | 1578 | 1580 | rBV3 | 25826 | 23469 | 2.43% | 0.219% |
| 40 | 11.486 | 1595 | 1598 | 1604 | rBV3 | 36274 | 61345 | 6.35% | 0.573% |
| 41 | 11.545 | 1605 | 1608 | 1612 | rVV | 67334 | 61360 | 6.35% | 0.574% |
| 42 | 11.586 | 1612 | 1615 | 1621 | rVB3 | 22883 | 38753 | 4.01% | 0.362% |
| 43 | 11.669 | 1627 | 1629 | 1632 | rVB | 18693 | 15753 | 1.63% | 0.147% |
| 44 | 11.710 | 1634 | 1636 | 1638 | rBV2 | 17457 | 19149 | 1.98% | 0.179% |
| 45 | 11.751 | 1640 | 1643 | 1646 | rVV2 | 66550 | 73527 | 7.61% | 0.687% |
| 46 | 11.780 | 1646 | 1648 | 1651 | rVV | 99307 | 94899 | 9.83% | 0.887% |
| 47 | 11.833 | 1654 | 1657 | 1659 | rVV2 | 20486 | 26248 | 2.72% | 0.245% |
| 48 | 11.863 | 1659 | 1662 | 1665 | rVV2 | 79315 | 94279 | 9.76% | 0.881% |
| 49 | 11.886 | 1665 | 1666 | 1670 | rVB | 45937 | 38400 | 3.98% | 0.359% |
| 50 | 11.951 | 1674 | 1677 | 1681 | rVV | 67842 | 65651 | 6.80% | 0.614% |
| 51 | 11.992 | 1681 | 1684 | 1686 | rVB | 20902 | 19629 | 2.03% | 0.183% |
| 52 | 12.045 | 1691 | 1693 | 1697 | rBV | 32993 | 39774 | 4.12% | 0.372% |
| 53 | 12.080 | 1697 | 1699 | 1702 | rVB | 33155 | 32287 | 3.34% | 0.302% |
| 54 | 12.180 | 1713 | 1716 | 1717 | rBV3 | 28720 | 27081 | 2.80% | 0.253% |
| 55 | 12.233 | 1722 | 1725 | 1727 | rBV2 | 37982 | 42137 | 4.36% | 0.394% |
| 56 | 12.304 | 1734 | 1737 | 1739 | rBV | 74025 | 71865 | 7.44% | 0.672% |
| 57 | 12.339 | 1739 | 1743 | 1749 | rVB5 | 110065 | 168877 | 17.49% | 1.579% |
| 58 | 12.463 | 1761 | 1764 | 1769 | rBV | 339107 | 309345 | 32.04% | 2.892% |
| 59 | 12.692 | 1798 | 1803 | 1805 | rBV | 305512 | 332189 | 34.40% | 3.105% |
| 60 | 12.827 | 1823 | 1826 | 1830 | rBV | 465181 | 449408 | 46.54% | 4.201% |
| 61 | 13.069 | 1864 | 1867 | 1869 | rBV2 | 84351 | 82586 | 8.55% | 0.772% |
| 62 | 13.410 | 1922 | 1925 | 1927 | rBV | 85310 | 73997 | 7.66% | 0.692% |
| 63 | 13.892 | 2003 | 2007 | 2010 | rBV | 939685 | 965613 | 100.00% | 9.026% |
| 64 | 14.051 | 2032 | 2034 | 2038 | rVB2 | 129247 | 108155 | 11.20% | 1.011% |
| 65 | 14.651 | 2134 | 2136 | 2139 | rVB | 198711 | 148364 | 15.36% | 1.387% |
| 66 | 14.968 | 2188 | 2190 | 2196 | rVB | 279208 | 300900 | 31.16% | 2.813% |
| 67 | 15.321 | 2246 | 2250 | 2256 | rBV | 691350 | 845536 | 87.56% | 7.904% |

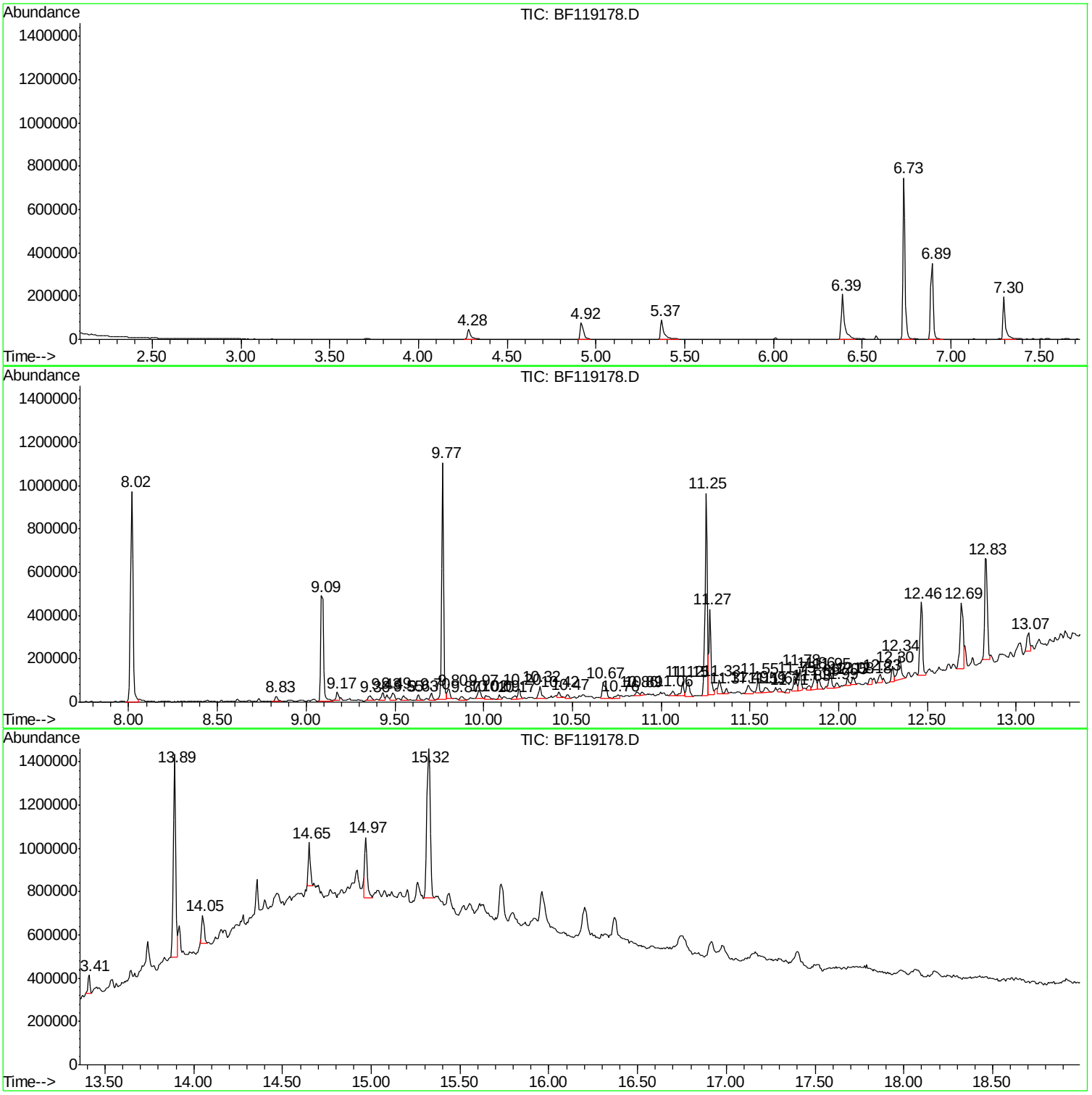
Sum of corrected areas: 10697735

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

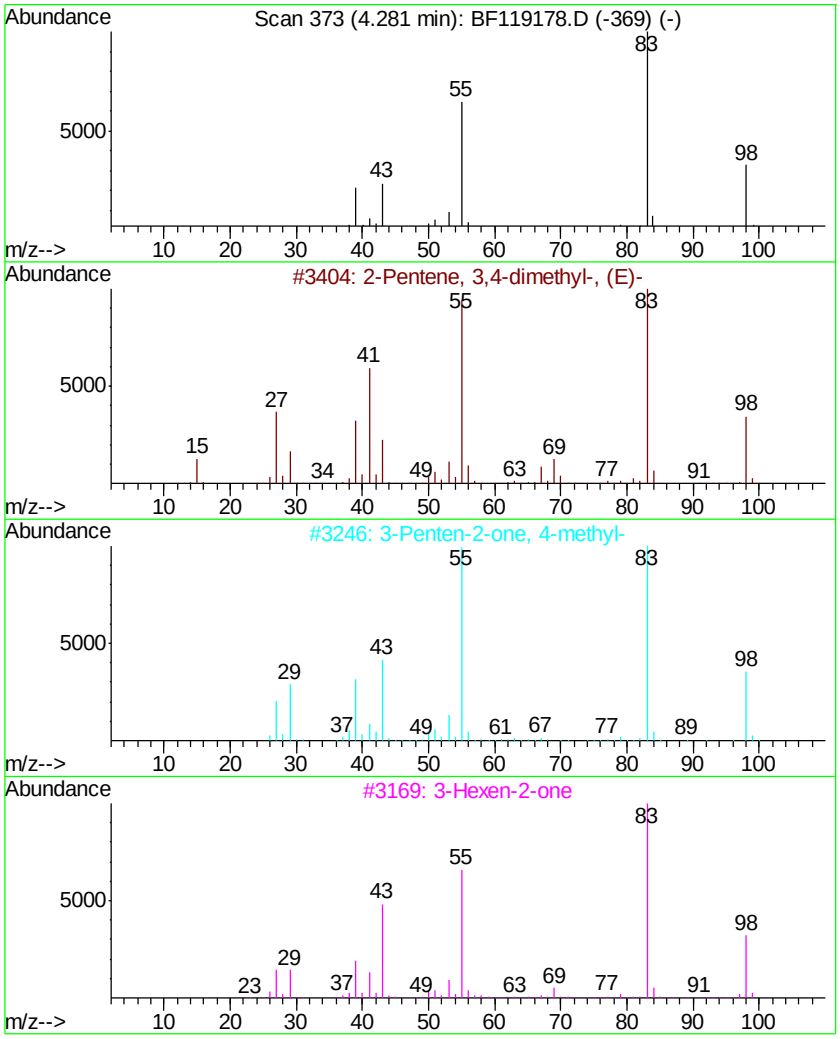
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

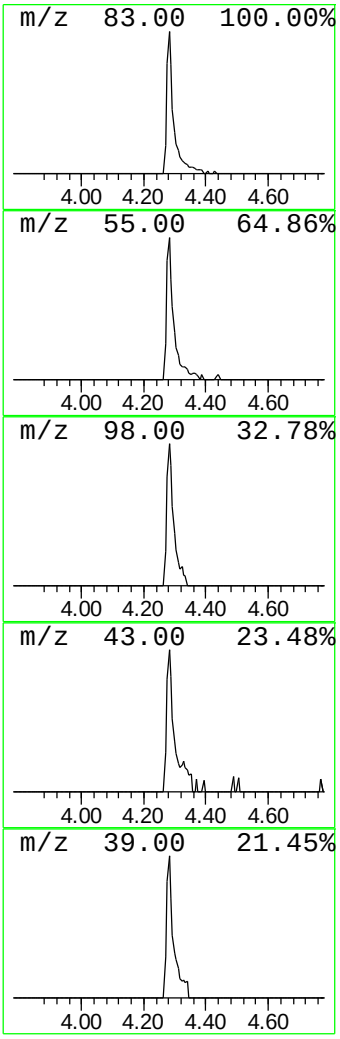
**********

Peak Number 1 2-Pentene, 3,4-dimethyl-, (E)- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.28 | 2.03 ng | 65093 | 1,4-Dichlorobenzene-d4 | 6.73 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14 | 004914-92-5 | 90 |
| 2 | 3-Penten-2-one, 4-methyl- | 98 | C6H10O | 000141-79-7 | 90 |
| 3 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 90 |
| 4 | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14 | 004914-91-4 | 90 |
| 5 | 2-Pentene, 4,4-dimethyl-, (E)- | 98 | C7H14 | 000690-08-4 | 86 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

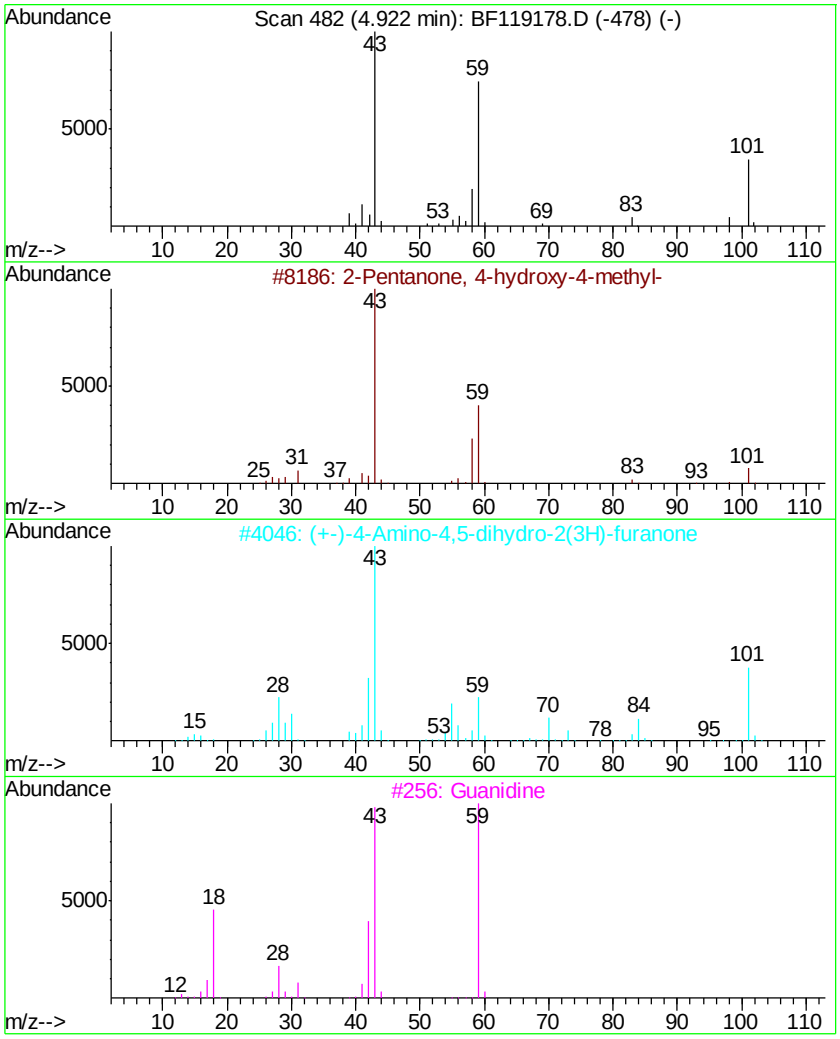
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

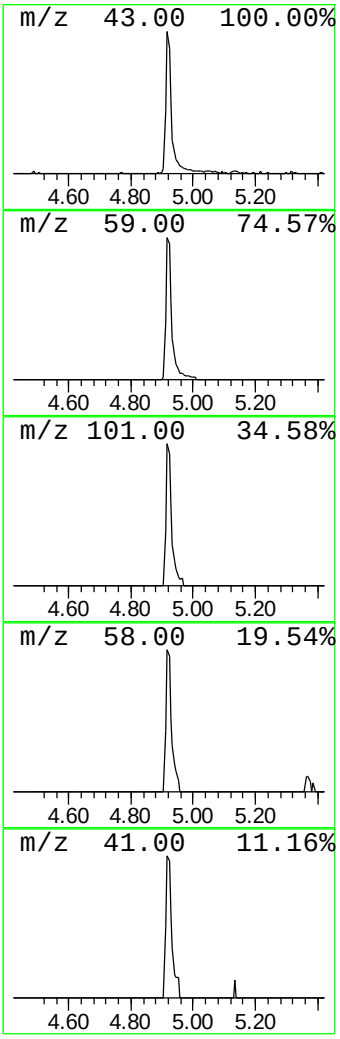
**********

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.92 | 2.88 ng | 92228 | 1,4-Dichlorobenzene-d4 | 6.73 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 47 |
| 3 | Guanidine | 59 | CH5N3 | 000113-00-8 | 43 |
| 4 | Propane, 1-ethoxy-2-methyl- | 102 | C6H14O | 000627-02-1 | 25 |
| 5 | Propanamide, N-ethyl- | 101 | C5H11NO | 005129-72-6 | 10 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

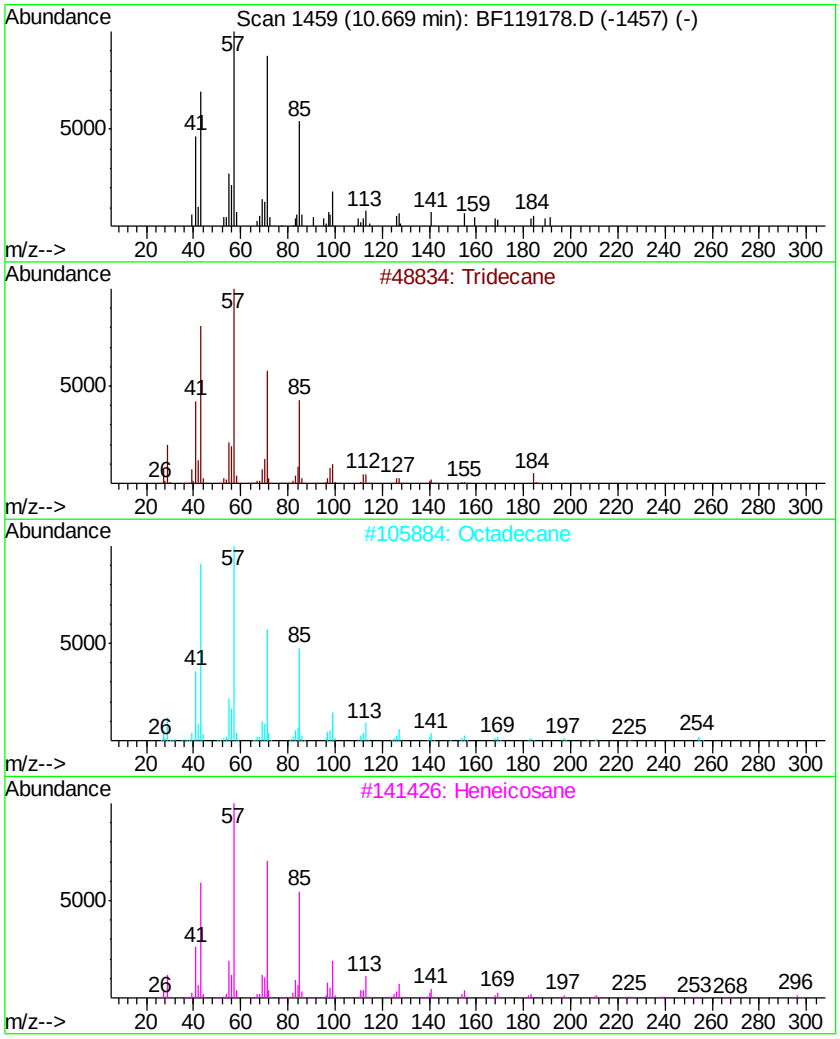
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

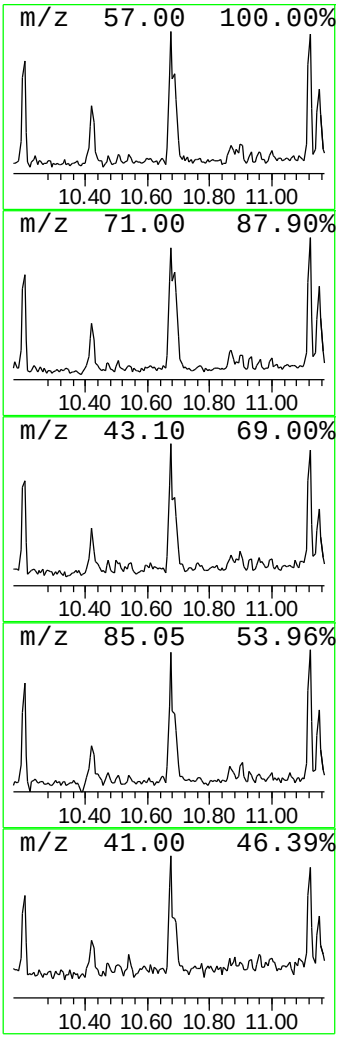
**********

Peak Number 4 Tridecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.67 | 2.57 ng | 104994 | Phenanthrene-d10 | 11.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 86 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 83 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

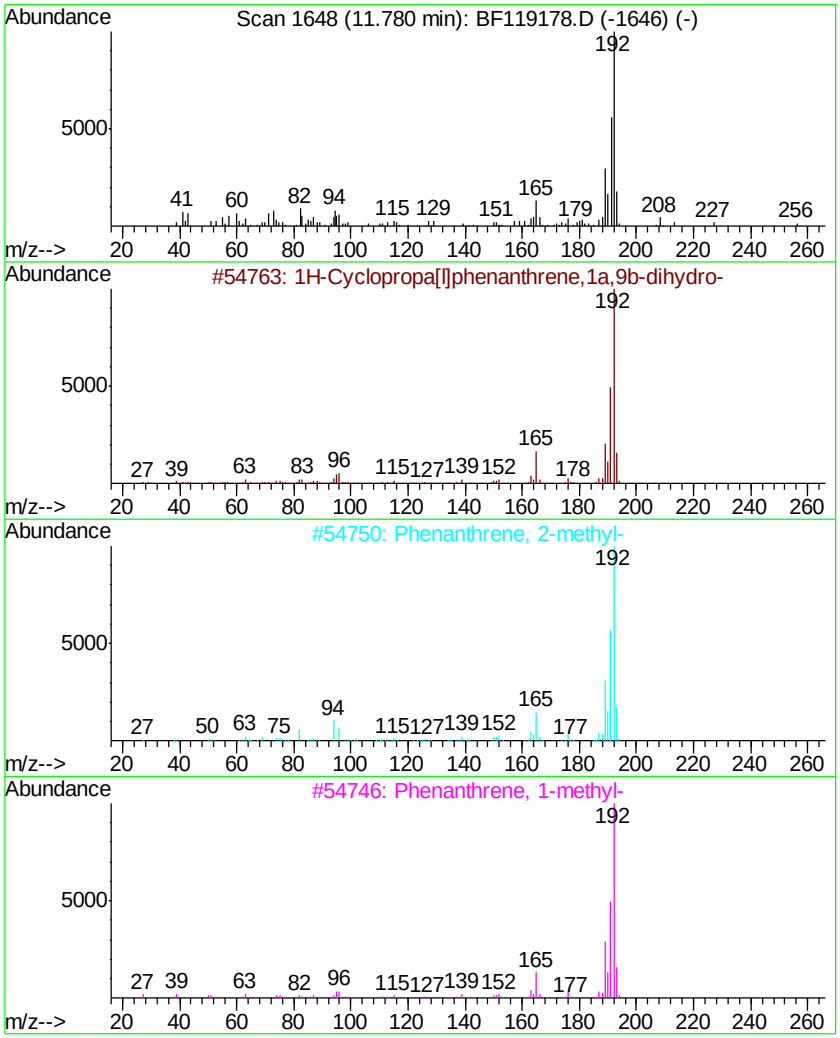
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

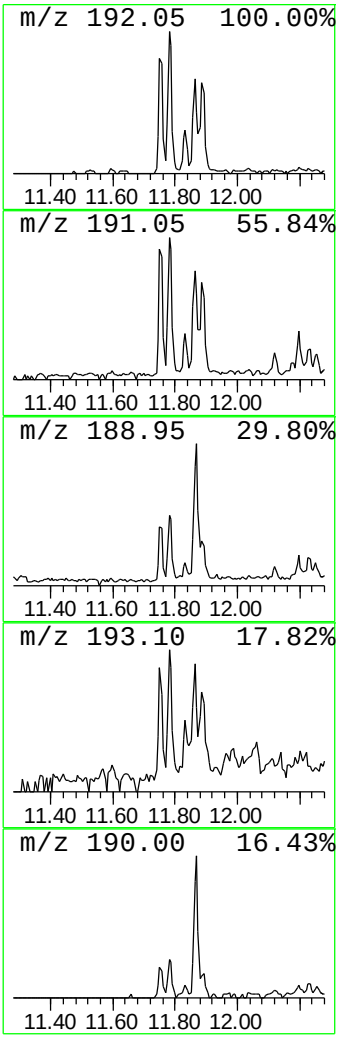
**********

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.78 | 2.32 ng | 94899 | Phenanthrene-d10 | 11.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

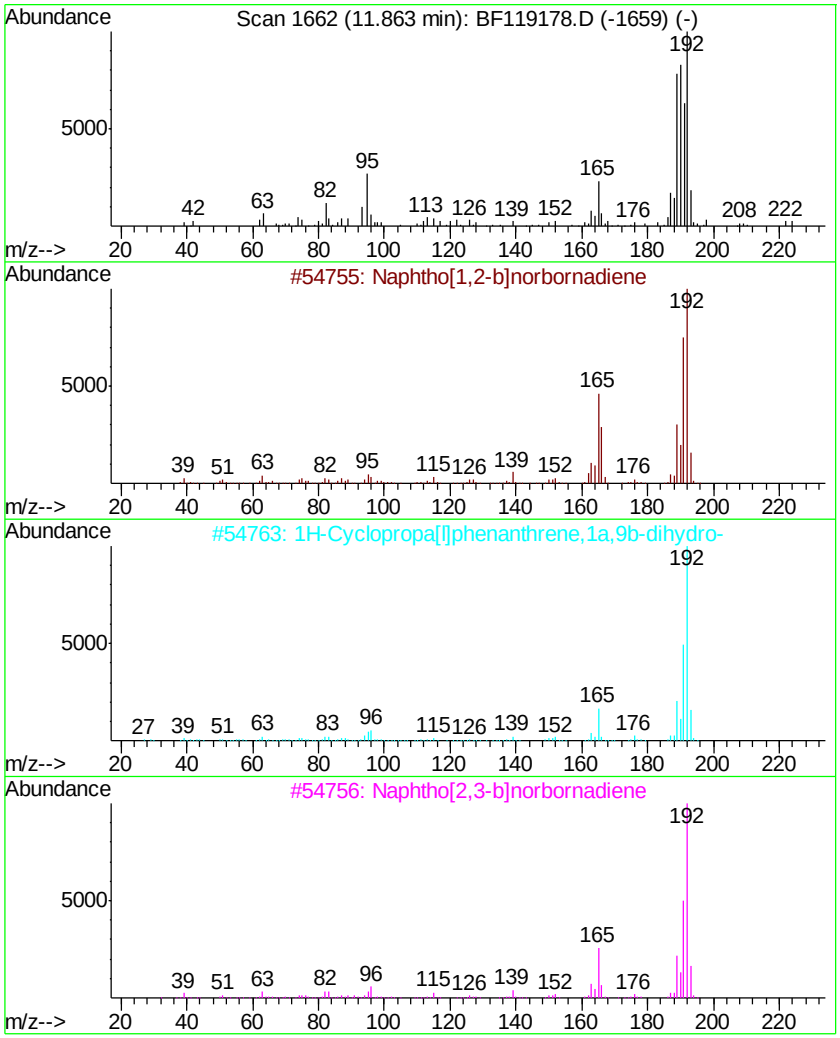
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

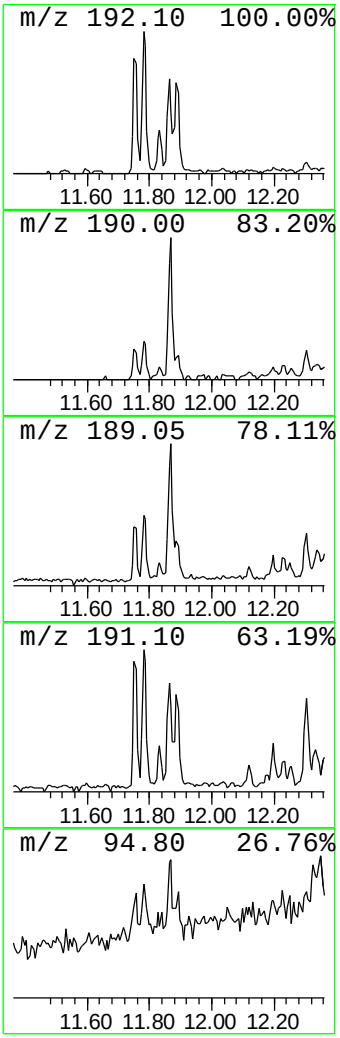
**********

Peak Number 6 Naphtho[1,2-b]norbornadiene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.86 | 2.30 ng | 94279 | Phenanthrene-d10 | 11.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[1,2-b]norbornadiene | 192 | C15H12 | 1000210-14-8 | 50 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 46 |
| 3 | Naphtho[2,3-b]norbornadiene | 192 | C15H12 | 107426-38-0 | 46 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 46 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 46 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

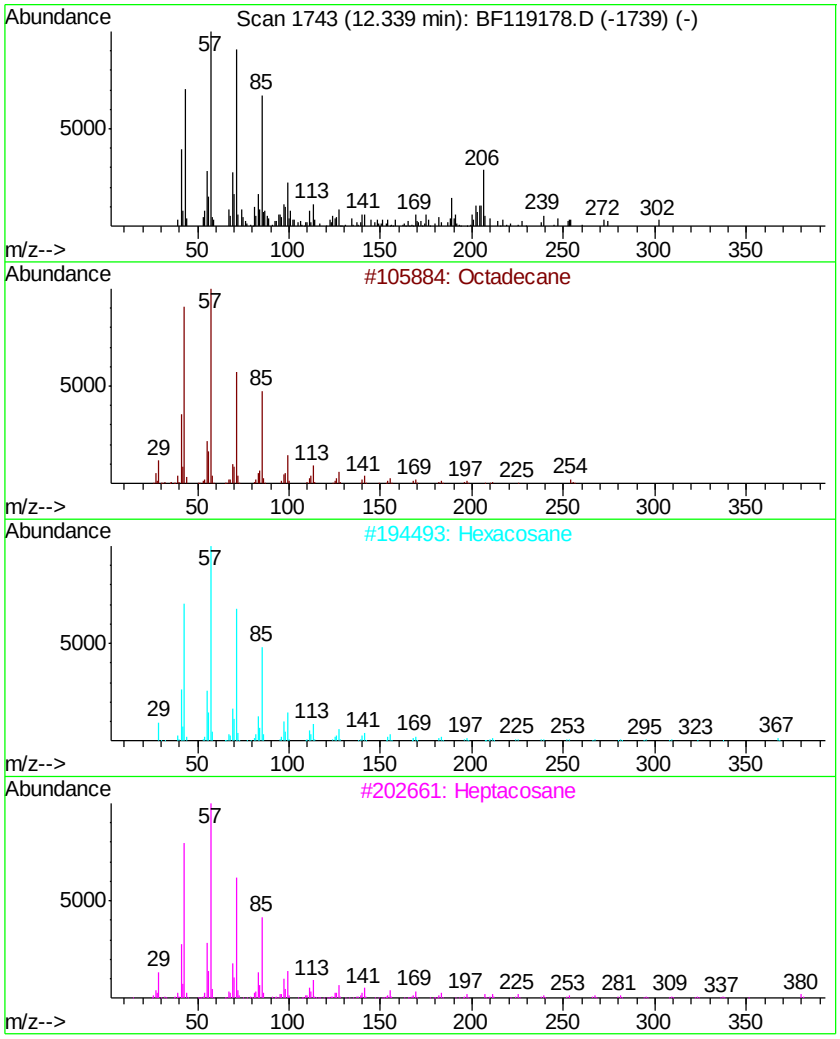
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

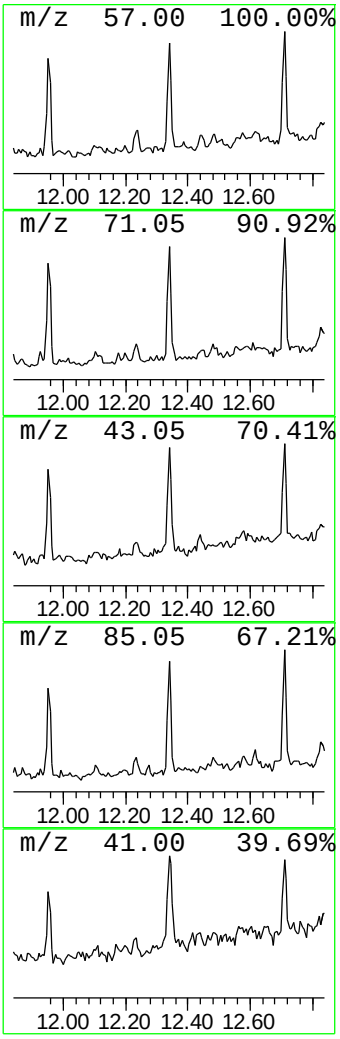
**********

Peak Number 7 Octadecane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.34 | 4.13 ng | 168877 | Phenanthrene-d10 | 11.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 83 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 64 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 58 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 58 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 58 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

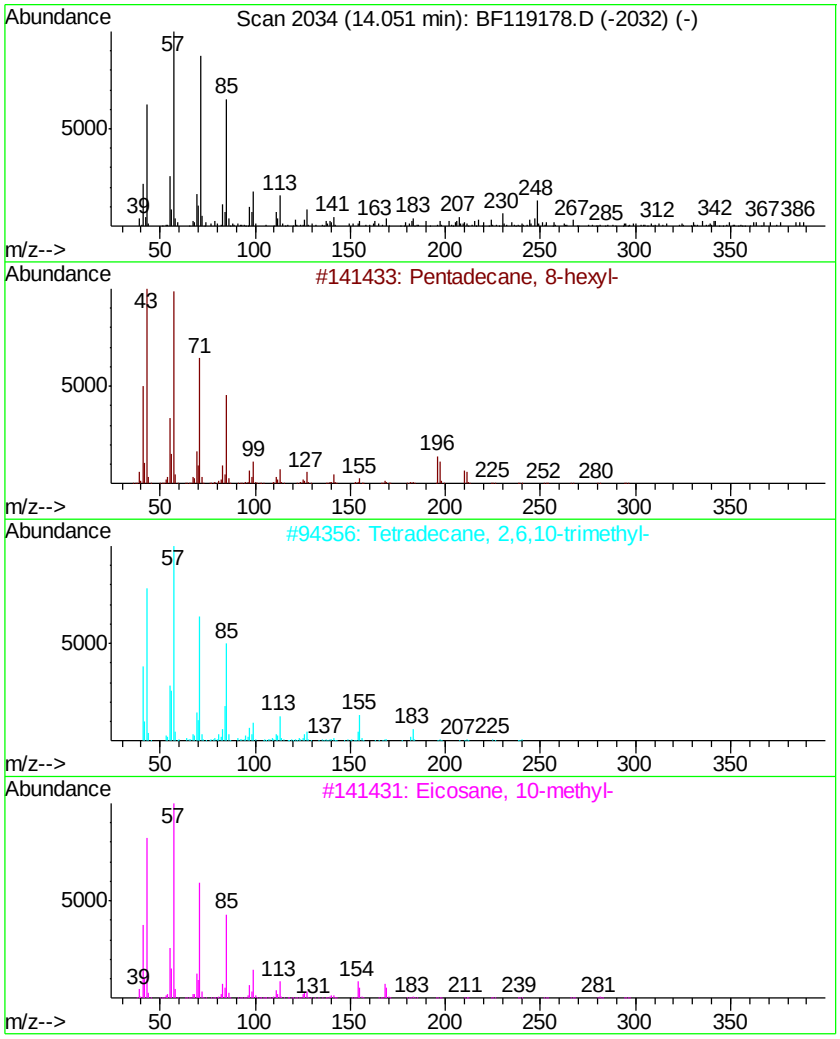
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

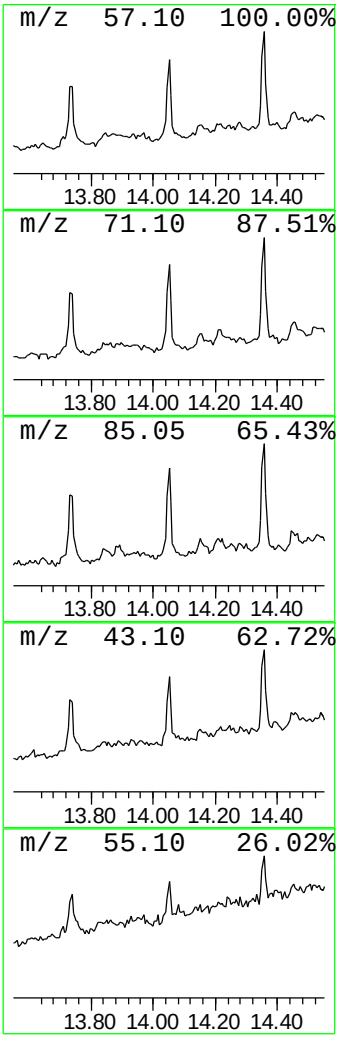
**********

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.05 | 2.24 ng | 108155 | Chrysene-d12 | 13.89 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 90 |
| 2 | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36 | 014905-56-7 | 81 |
| 3 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 81 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 74 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 74 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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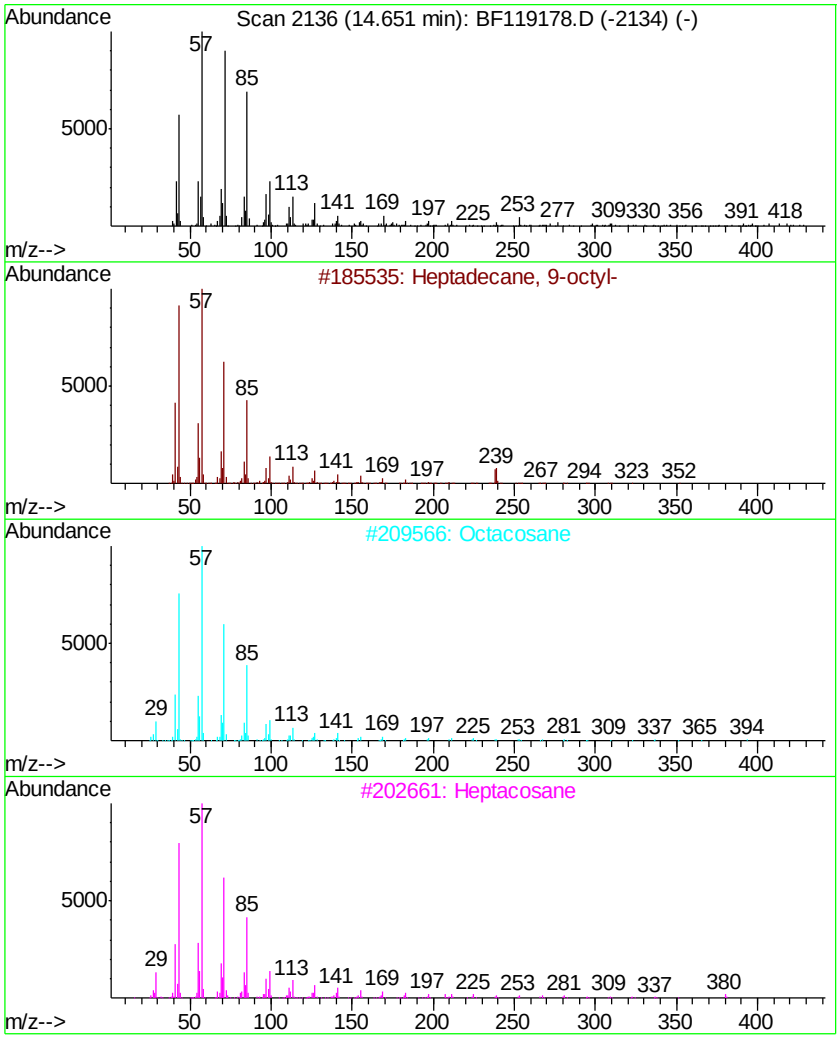
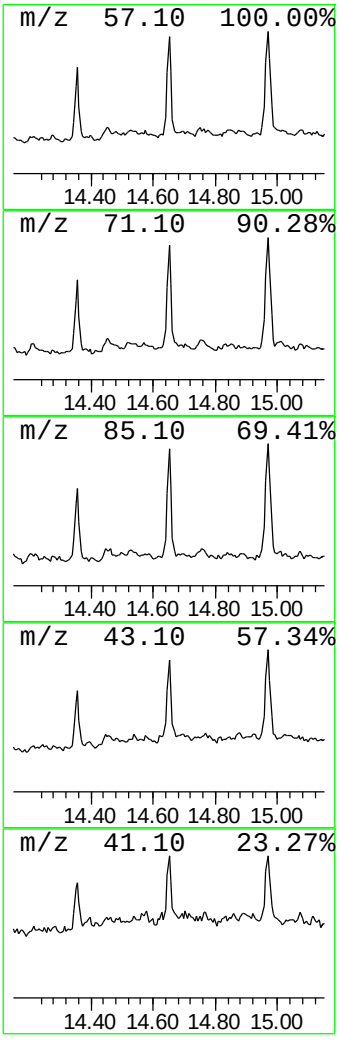
Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.65 | 3.51 ng | 148364 | Perylene-d12 | 15.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 94 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 93 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 5 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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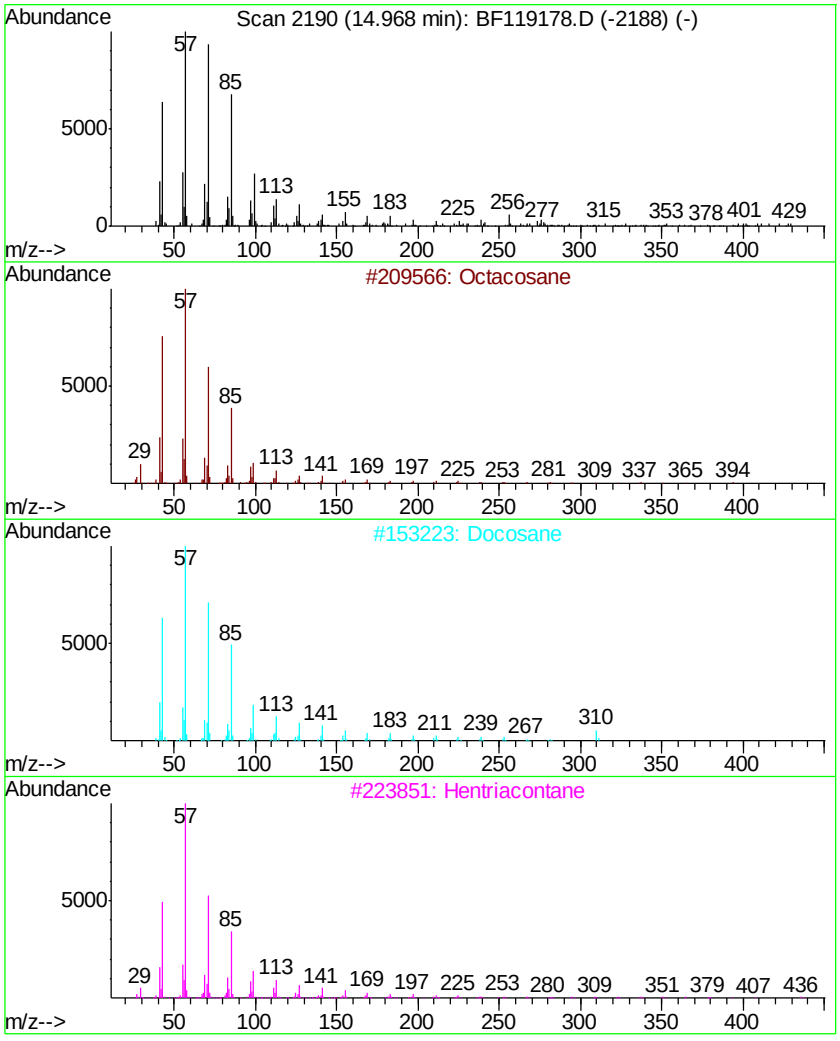
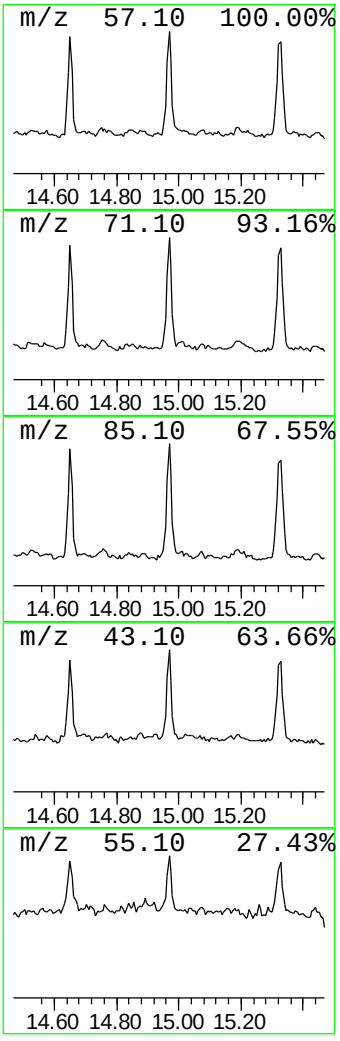
Peak Number 10 Octacosane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.97 | 7.12 ng | 300900 | Perylene-d12 | 15.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 93 |
| 2 | Docosane | 310 | C22H46 | 000629-97-0 | 87 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 87 |
| 4 | Heptadecane, 3-methyl- | 254 | C18H38 | 006418-44-6 | 87 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030220\
Data File : BF119178.D
Acq On : 2 Mar 2020 19:51
Operator : CG/JU
Sample : L1735-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-SF-01-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentene, 3,4-di... | 4.28 | 2.0 | ng | 65093 | 1 | 6.73 | 640809 | 20.0 |
| 2-Pentanone, 4-hy... | 4.92 | 2.9 | ng | 92228 | 1 | 6.73 | 640809 | 20.0 |
| Tridecane | 10.67 | 2.6 | ng | 104994 | 4 | 11.25 | 818204 | 20.0 |
| 1H-Cyclopropa[l]p... | 11.78 | 2.3 | ng | 94899 | 4 | 11.25 | 818204 | 20.0 |
| Naphtho[1,2-b]nor... | 11.86 | 2.3 | ng | 94279 | 4 | 11.25 | 818204 | 20.0 |
| Octadecane | 12.34 | 4.1 | ng | 168877 | 4 | 11.25 | 818204 | 20.0 |
| Pentadecane, 8-he... | 14.05 | 2.2 | ng | 108155 | 5 | 13.89 | 965613 | 20.0 |
| Heptadecane, 9-oc... | 14.65 | 3.5 | ng | 148364 | 6 | 15.32 | 845536 | 20.0 |
| Octacosane | 14.97 | 7.1 | ng | 300900 | 6 | 15.32 | 845536 | 20.0 |