LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

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-BF102318.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 | 2.252 | 24 | 28 | 37 | rVB | 62439 | 83595 | 4.00% | 0.647% |
| 2 | 5.569 | 589 | 592 | 607 | rBV | 310335 | 341421 | 16.32% | 2.642% |
| 3 | 6.569 | 759 | 762 | 779 | rBV | 314589 | 404654 | 19.34% | 3.131% |
| 4 | 6.722 | 784 | 788 | 795 | rBV | 426509 | 396038 | 18.93% | 3.064% |
| 5 | 6.951 | 824 | 827 | 836 | rBV | 669342 | 610170 | 29.16% | 4.721% |
| 6 | 7.110 | 850 | 854 | 868 | rVB | 319072 | 310079 | 14.82% | 2.399% |
| 7 | 7.516 | 919 | 923 | 931 | rBV | 196133 | 238862 | 11.42% | 1.848% |
| 8 | 8.239 | 1042 | 1046 | 1051 | rBV | 716086 | 731011 | 34.94% | 5.656% |
| 9 | 8.810 | 1141 | 1143 | 1148 | rBV | 38500 | 31570 | 1.51% | 0.244% |
| 10 | 9.239 | 1213 | 1216 | 1220 | rVB | 35728 | 26911 | 1.29% | 0.208% |
| 11 | 9.310 | 1224 | 1228 | 1236 | rBV | 422642 | 432571 | 20.67% | 3.347% |
| 12 | 9.375 | 1236 | 1239 | 1244 | rVB | 62332 | 55642 | 2.66% | 0.430% |
| 13 | 9.698 | 1289 | 1294 | 1302 | rVB2 | 77418 | 111194 | 5.31% | 0.860% |
| 14 | 9.904 | 1326 | 1329 | 1334 | rVB | 61083 | 54007 | 2.58% | 0.418% |
| 15 | 9.998 | 1341 | 1345 | 1357 | rVB | 801156 | 823973 | 39.38% | 6.375% |
| 16 | 10.404 | 1410 | 1414 | 1417 | rBV2 | 76921 | 63290 | 3.02% | 0.490% |
| 17 | 10.622 | 1447 | 1451 | 1454 | rBV2 | 28659 | 34361 | 1.64% | 0.266% |
| 18 | 10.786 | 1476 | 1479 | 1486 | rBV | 181685 | 194148 | 9.28% | 1.502% |
| 19 | 10.875 | 1491 | 1494 | 1500 | rBV | 60690 | 78872 | 3.77% | 0.610% |
| 20 | 11.327 | 1568 | 1571 | 1573 | rBV | 48470 | 39131 | 1.87% | 0.303% |
| 21 | 11.486 | 1594 | 1598 | 1601 | rBV | 675999 | 633750 | 30.29% | 4.903% |
| 22 | 11.751 | 1640 | 1643 | 1646 | rVB | 44503 | 35325 | 1.69% | 0.273% |
| 23 | 11.857 | 1657 | 1661 | 1664 | rBV | 636215 | 546258 | 26.11% | 4.226% |
| 24 | 11.992 | 1681 | 1684 | 1686 | rBV | 27212 | 26924 | 1.29% | 0.208% |
| 25 | 12.104 | 1700 | 1703 | 1706 | rBV2 | 27334 | 32892 | 1.57% | 0.254% |
| 26 | 12.157 | 1710 | 1712 | 1715 | rBV | 30034 | 26886 | 1.28% | 0.208% |
| 27 | 12.545 | 1774 | 1778 | 1780 | rBV | 2351149 | 2092403 | 100.00% | 16.189% |
| 28 | 12.563 | 1780 | 1781 | 1789 | rVV2 | 1315392 | 1166688 | 55.76% | 9.026% |
| 29 | 12.645 | 1792 | 1795 | 1800 | rVB | 272297 | 224080 | 10.71% | 1.734% |
| 30 | 12.704 | 1800 | 1805 | 1809 | rBV | 288690 | 274051 | 13.10% | 2.120% |
| 31 | 12.939 | 1838 | 1845 | 1850 | rBV | 227618 | 287204 | 13.73% | 2.222% |
| 32 | 13.063 | 1863 | 1866 | 1870 | rBV | 303596 | 287072 | 13.72% | 2.221% |
| 33 | 13.145 | 1877 | 1880 | 1888 | rBV5 | 15238 | 28767 | 1.37% | 0.223% |
| 34 | 13.263 | 1898 | 1900 | 1904 | rVB2 | 29216 | 35181 | 1.68% | 0.272% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.369 | 1915 | 1918 | 1921 | rBV2 | 43326 | 40846 | 1.95% | 0.316% |
| 36 | 13.880 | 2003 | 2005 | 2008 | rBV2 | 25199 | 24569 | 1.17% | 0.190% |
| 37 | 13.945 | 2013 | 2016 | 2020 | rVV3 | 37246 | 49229 | 2.35% | 0.381% |
| 38 | 14.039 | 2029 | 2032 | 2039 | rBV7 | 25447 | 59527 | 2.84% | 0.461% |
| 39 | 14.133 | 2043 | 2048 | 2051 | rVV2 | 630774 | 725534 | 34.67% | 5.613% |
| 40 | 14.163 | 2051 | 2053 | 2059 | rVB | 120370 | 128147 | 6.12% | 0.991% |
| 41 | 14.245 | 2064 | 2067 | 2068 | rBV2 | 30500 | 29706 | 1.42% | 0.230% |
| 42 | 14.880 | 2173 | 2175 | 2179 | rVB | 48335 | 42388 | 2.03% | 0.328% |
| 43 | 15.204 | 2226 | 2230 | 2233 | rBV | 119402 | 178481 | 8.53% | 1.381% |
| 44 | 15.233 | 2233 | 2235 | 2239 | rVB | 125103 | 122458 | 5.85% | 0.947% |
| 45 | 15.527 | 2282 | 2285 | 2290 | rVB | 66146 | 82344 | 3.94% | 0.637% |
| 46 | 15.598 | 2293 | 2297 | 2300 | rVV | 93256 | 130932 | 6.26% | 1.013% |
| 47 | 15.662 | 2304 | 2308 | 2312 | rVB | 271680 | 352646 | 16.85% | 2.728% |
| 48 | 16.086 | 2377 | 2380 | 2390 | rVB2 | 59694 | 93551 | 4.47% | 0.724% |
| 49 | 16.615 | 2467 | 2470 | 2476 | rVB3 | 34631 | 53625 | 2.56% | 0.415% |
| 50 | 17.704 | 2651 | 2655 | 2661 | rVB3 | 25398 | 52231 | 2.50% | 0.404% |

Sum of corrected areas: 12925195

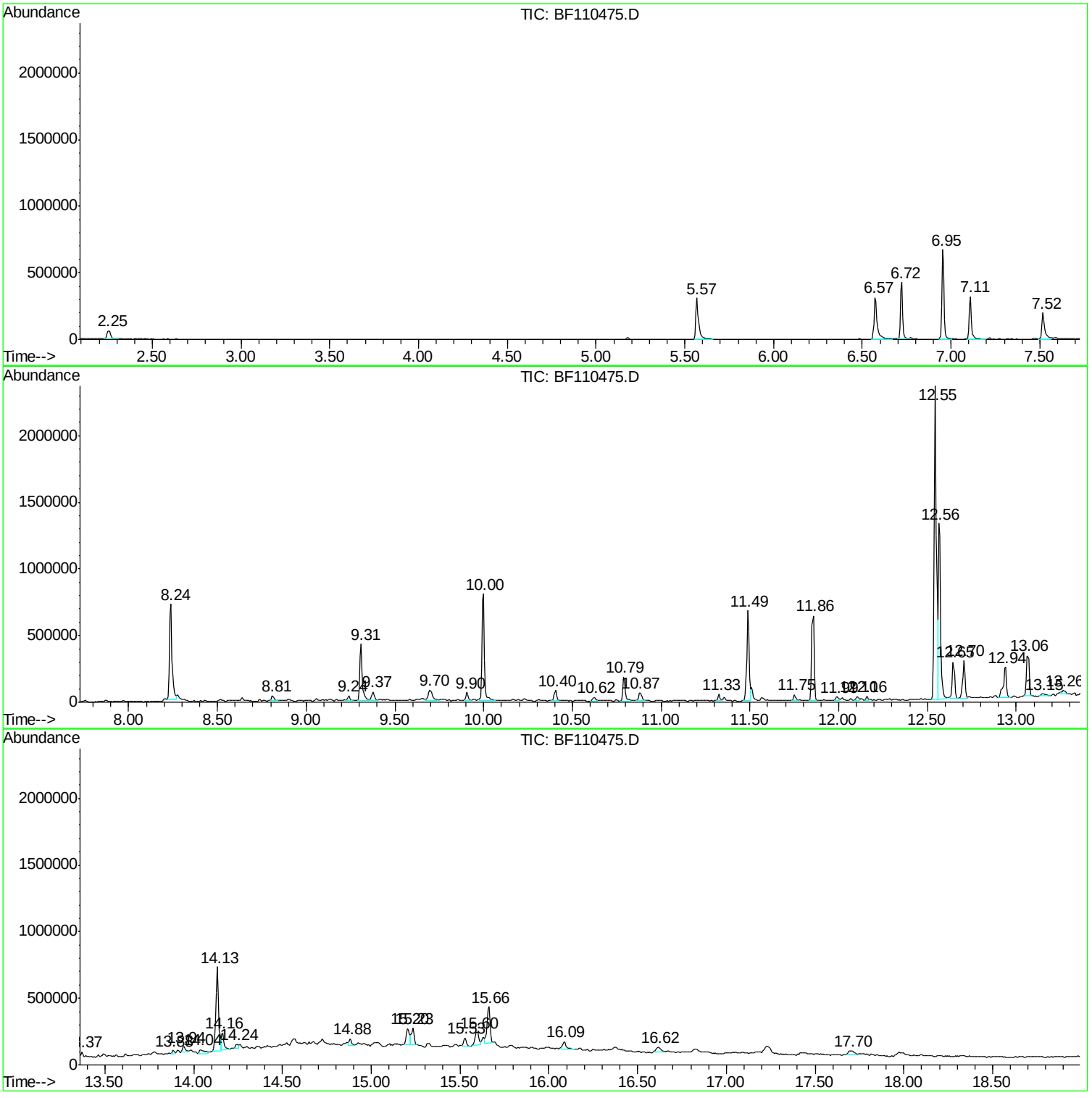
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

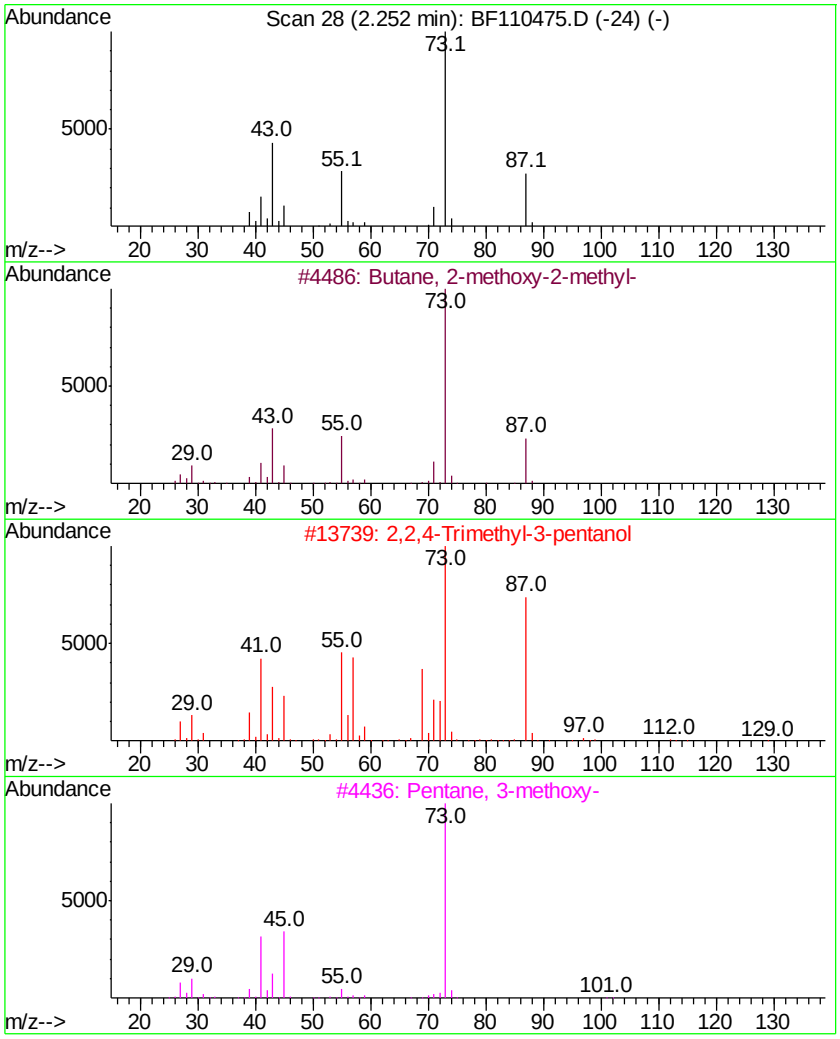
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

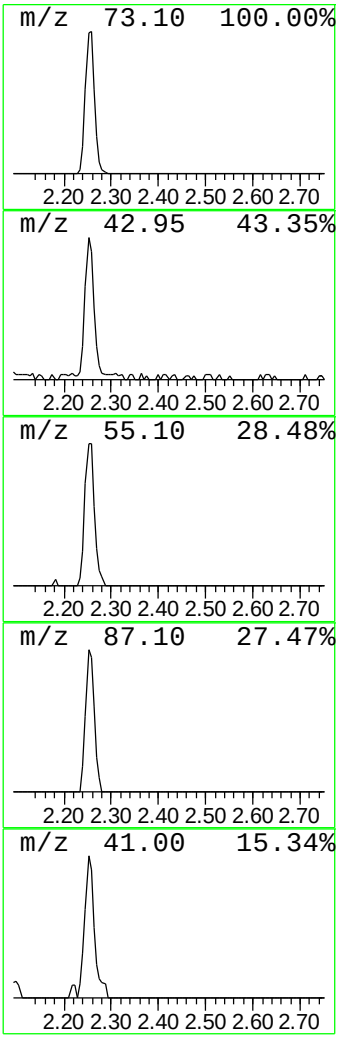
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.25 | 2.74 ng | 83595 | 1,4-Dichlorobenzene-d4 | 6.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 72 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 38 |
| 3 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |
| 4 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 5 | 2-Methyl-5-hexen-3-ol | 114 | C7H14O | 032815-70-6 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

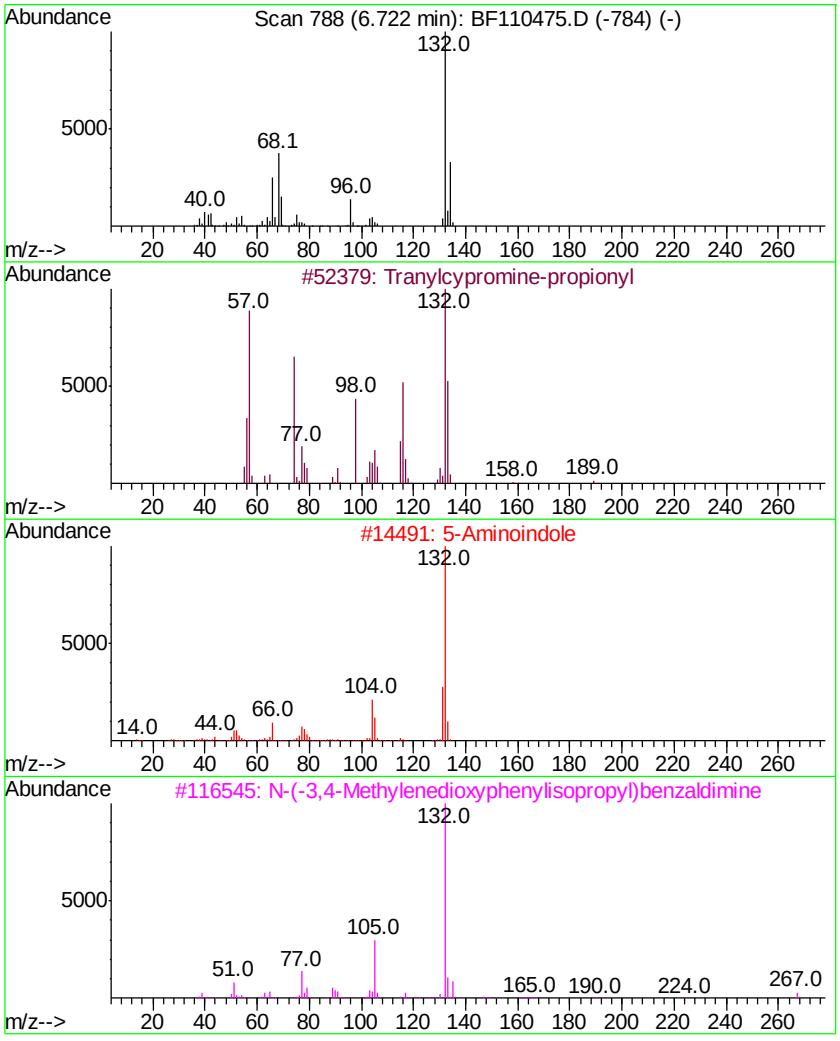
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

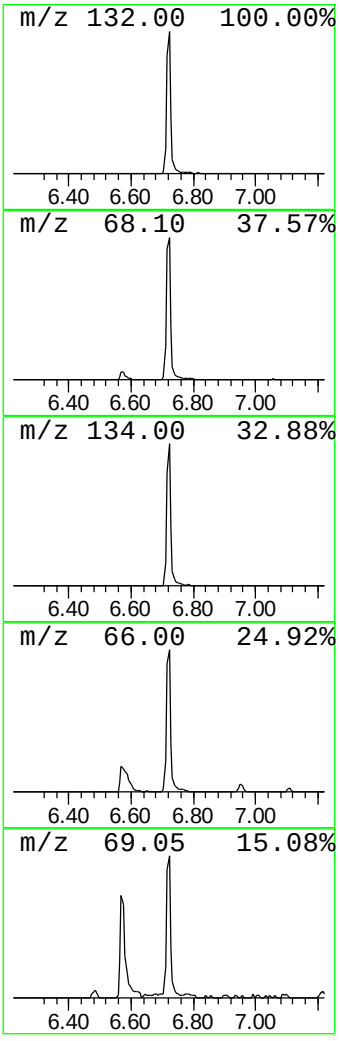
**********

Peak Number 2 unknown6.72 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.72 | 12.98 ng | 396038 | 1,4-Dichlorobenzene-d4 | 6.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 16 |
| 2 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 16 |
| 3 | N-(-3,4-Methylenedioxyphenylisop... | 267 | C17H17NO2 | 1000378-96-6 | 12 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | Xenon | 132 | Xe | 007440-63-3 | 9 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

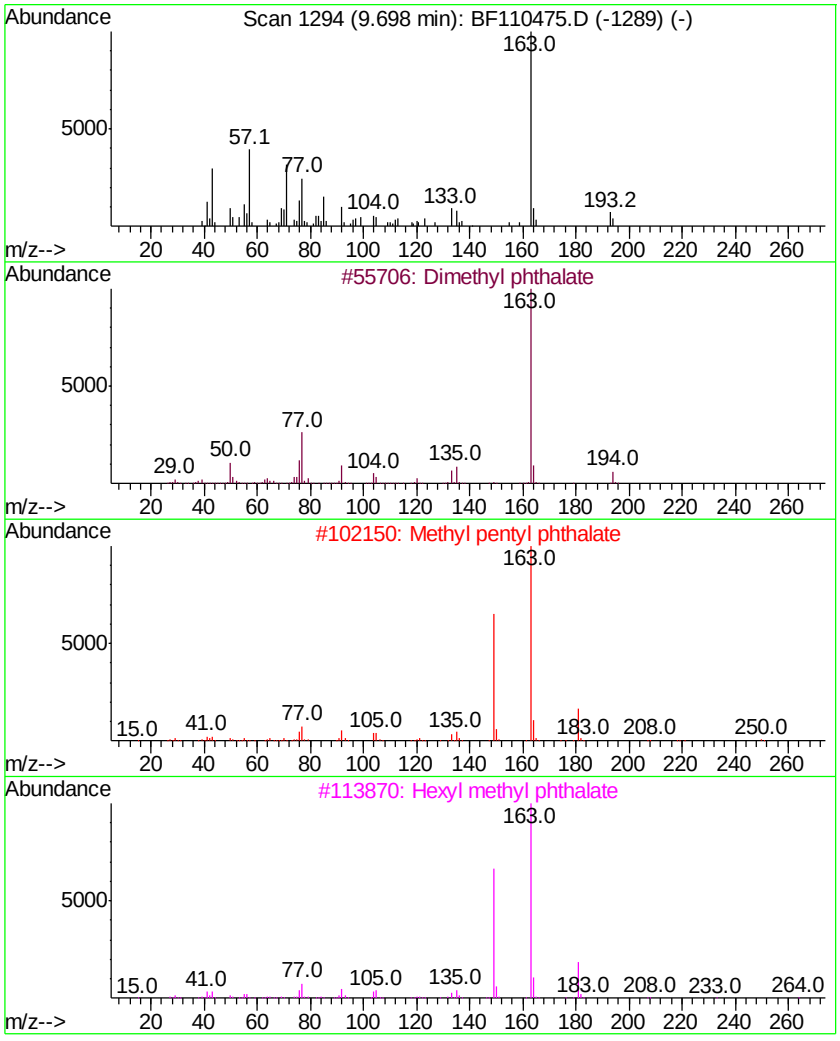
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

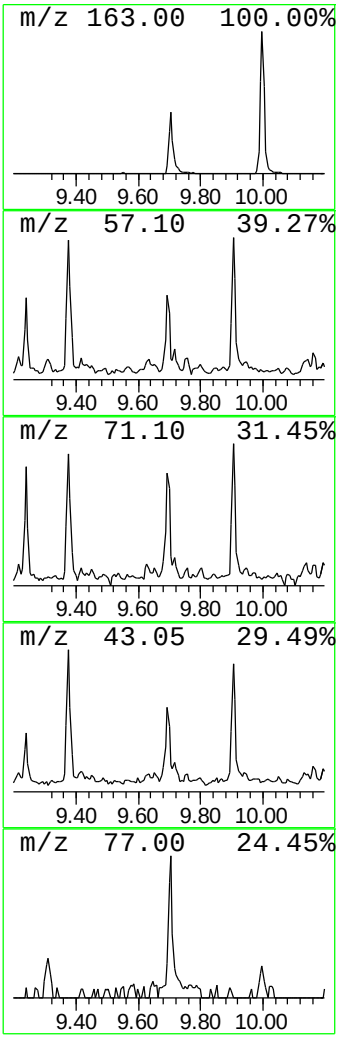
**********

Peak Number 4 Dimethyl phthalate Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.70 | 2.70 ng | 111194 | Acenaphthene-d10 | 9.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dimethyl phthalate | 194 | C10H10O4 | 000131-11-3 | 95 |
| 2 | Methyl pentyl phthalate | 250 | C14H18O4 | 1000373-89-5 | 53 |
| 3 | Hexyl methyl phthalate | 264 | C15H20O4 | 1000373-89-7 | 53 |
| 4 | 2-Methoxyethyl methyl phthalate | 238 | C12H14O5 | 1000373-89-4 | 53 |
| 5 | Phthalic acid, methyl 2-nitrophe... | 301 | C15H11NO6 | 1000315-68-3 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

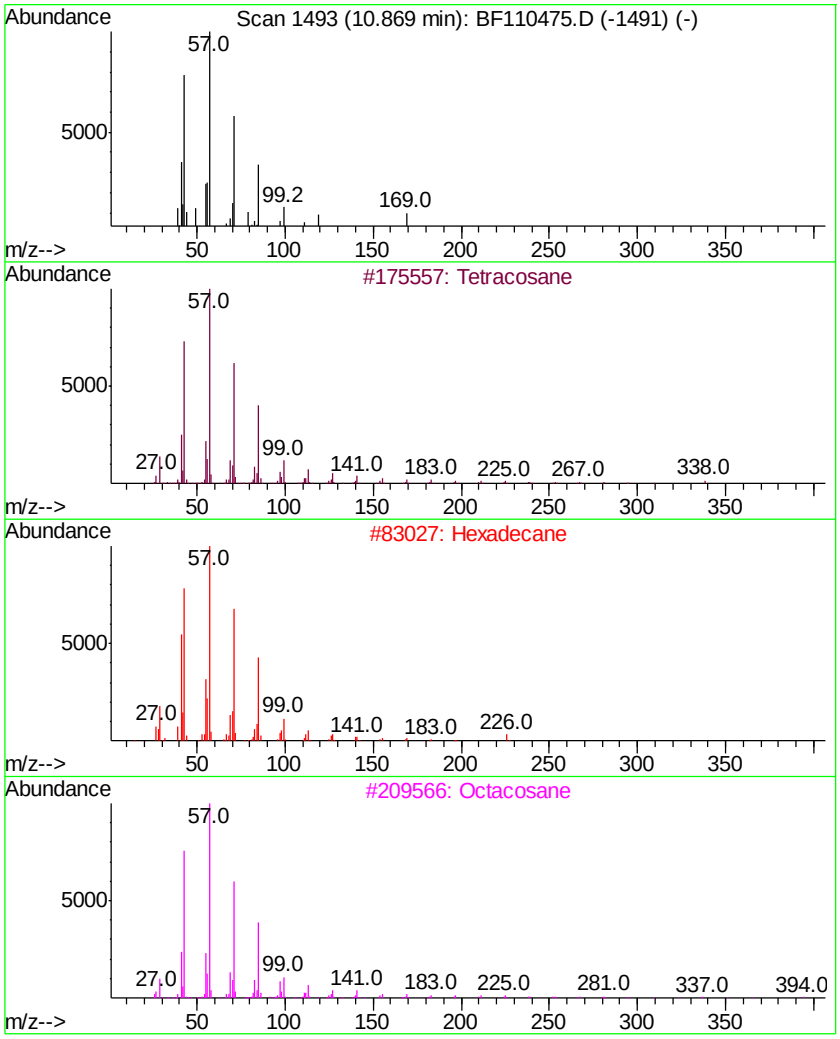
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

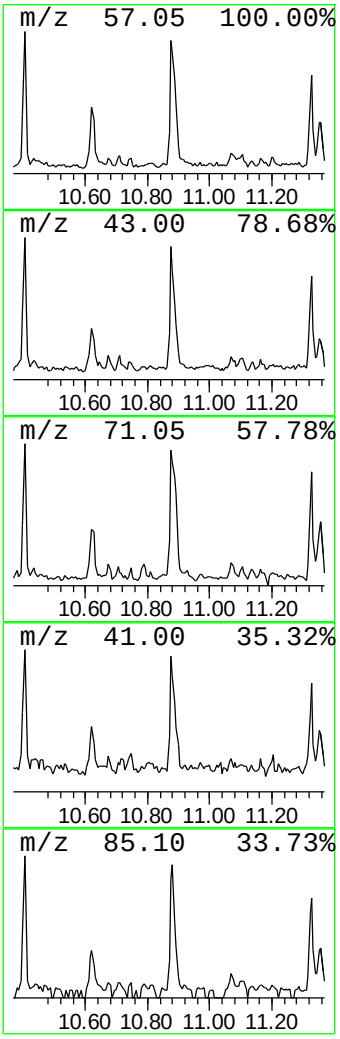
**********

Peak Number 5 Tetracosane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.87 | 2.49 ng | 78872 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

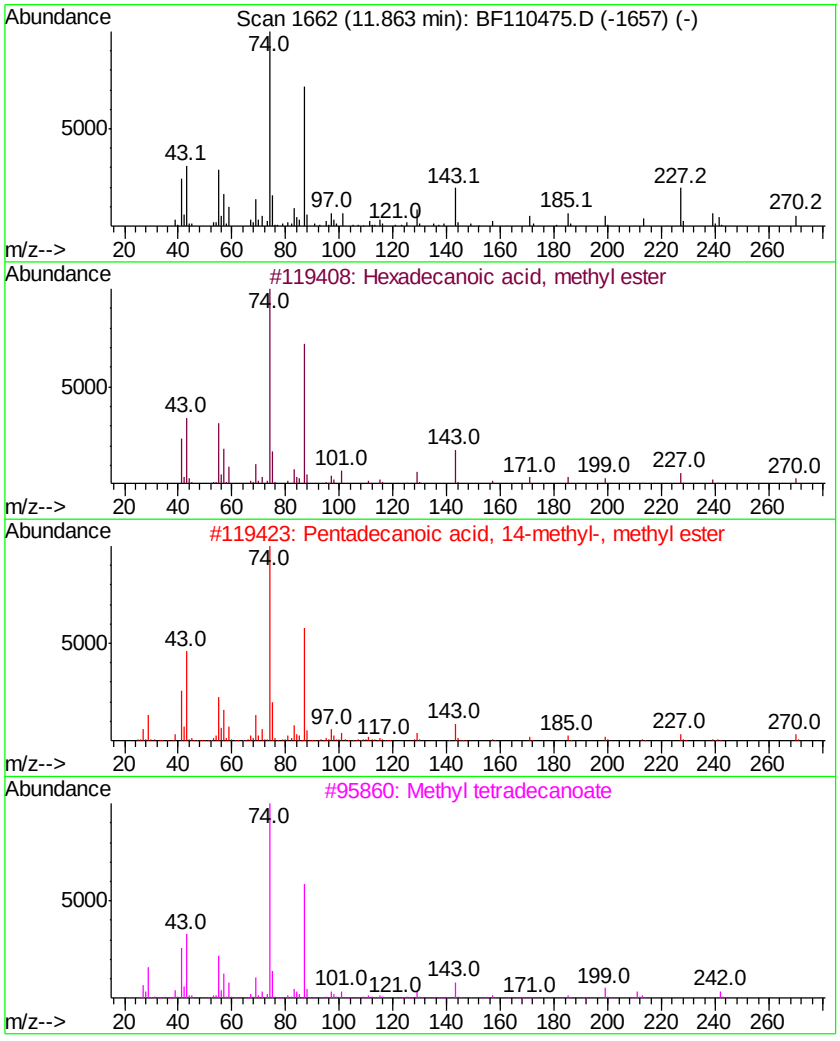
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

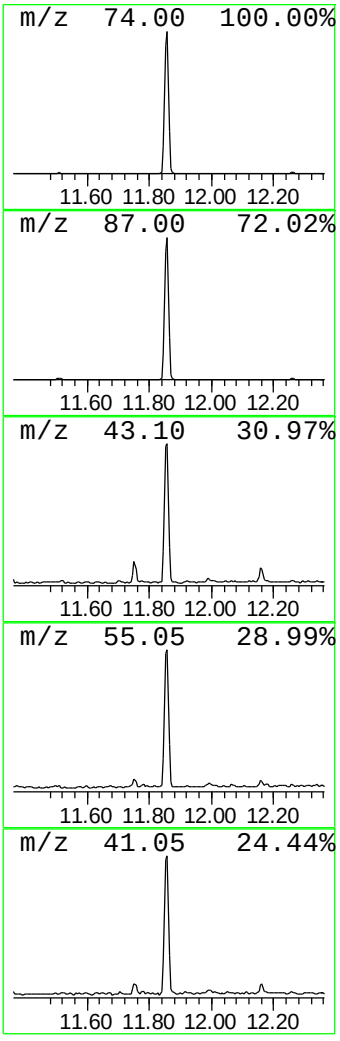
**********

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.86 | 17.24 ng | 546258 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 98 |
| 2 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 93 |
| 3 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 91 |
| 4 | Tridecanoic acid, methyl ester | 228 | C14H28O2 | 001731-88-0 | 89 |
| 5 | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 83 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

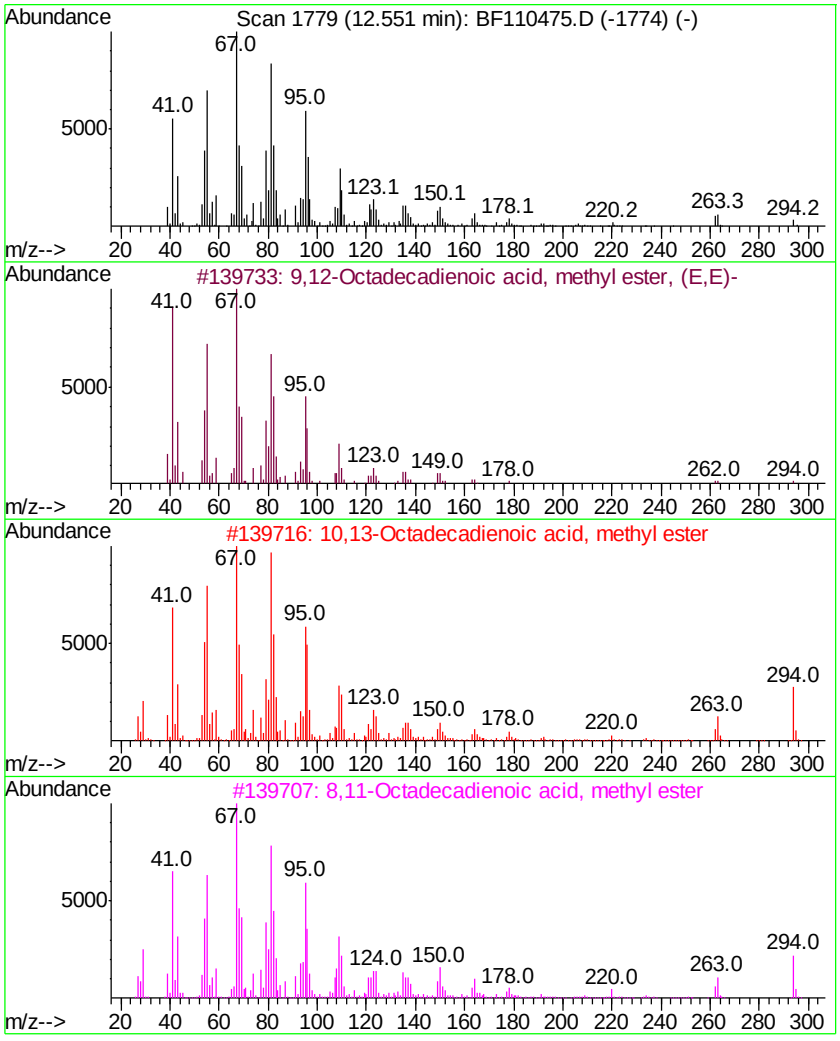
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

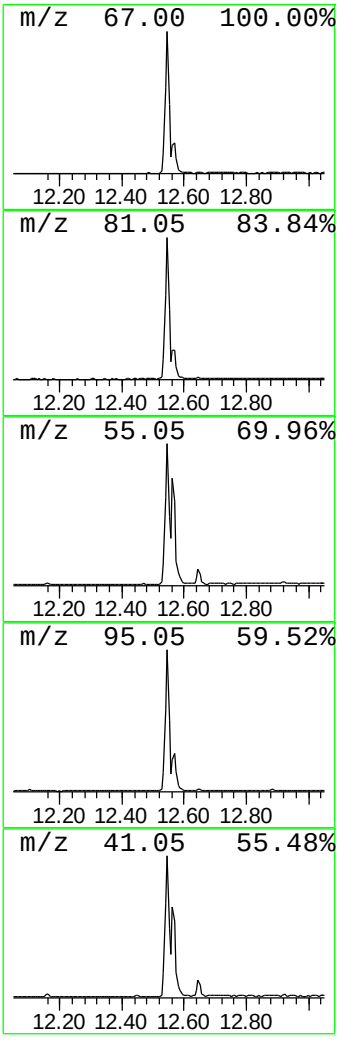
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.55 | 66.03 ng | 2092400 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 99 |
| 2 | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-62-2 | 99 |
| 3 | 8,11-Octadecadienoic acid, methy... | 294 | C19H34O2 | 056599-58-7 | 99 |
| 4 | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6 | 99 |
| 5 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

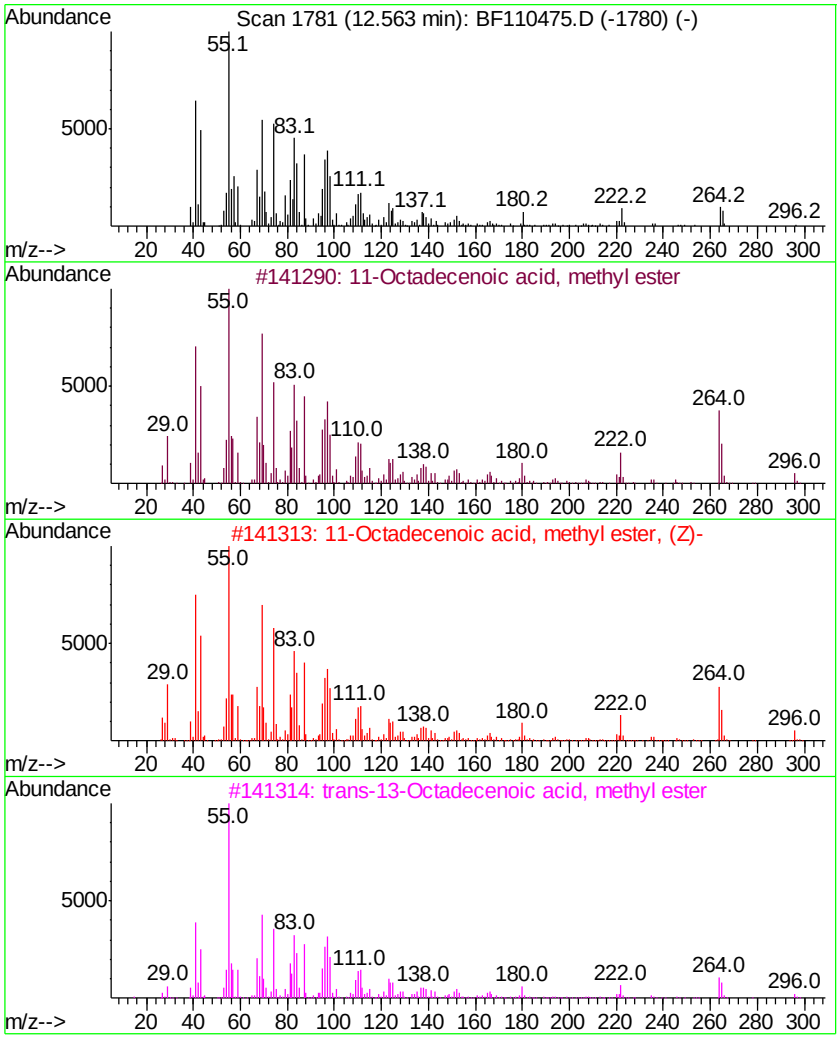
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

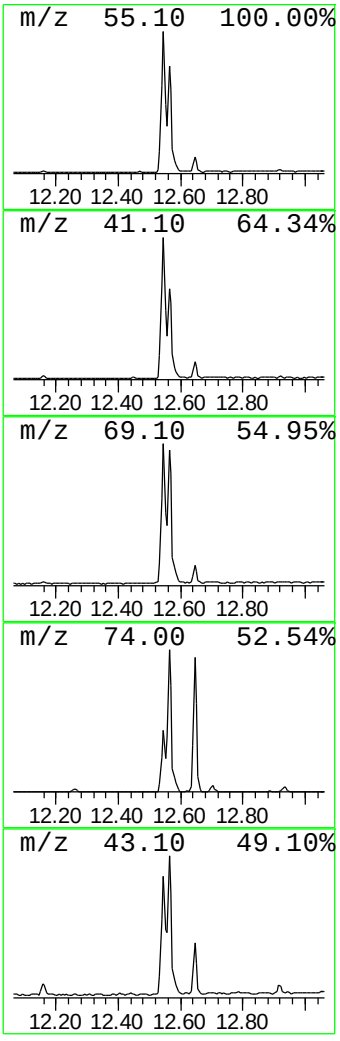
**********

Peak Number 8 11-Octadecenoic acid, methy... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.56 | 36.82 ng | 1166690 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 052380-33-3 | 99 |
| 2 | 11-Octadecenoic acid, methyl est... | 296 | C19H36O2 | 001937-63-9 | 99 |
| 3 | trans-13-Octadecenoic acid, meth... | 296 | C19H36O2 | 1000333-61-3 | 99 |
| 4 | 6-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 002777-58-4 | 99 |
| 5 | 9-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 002462-84-2 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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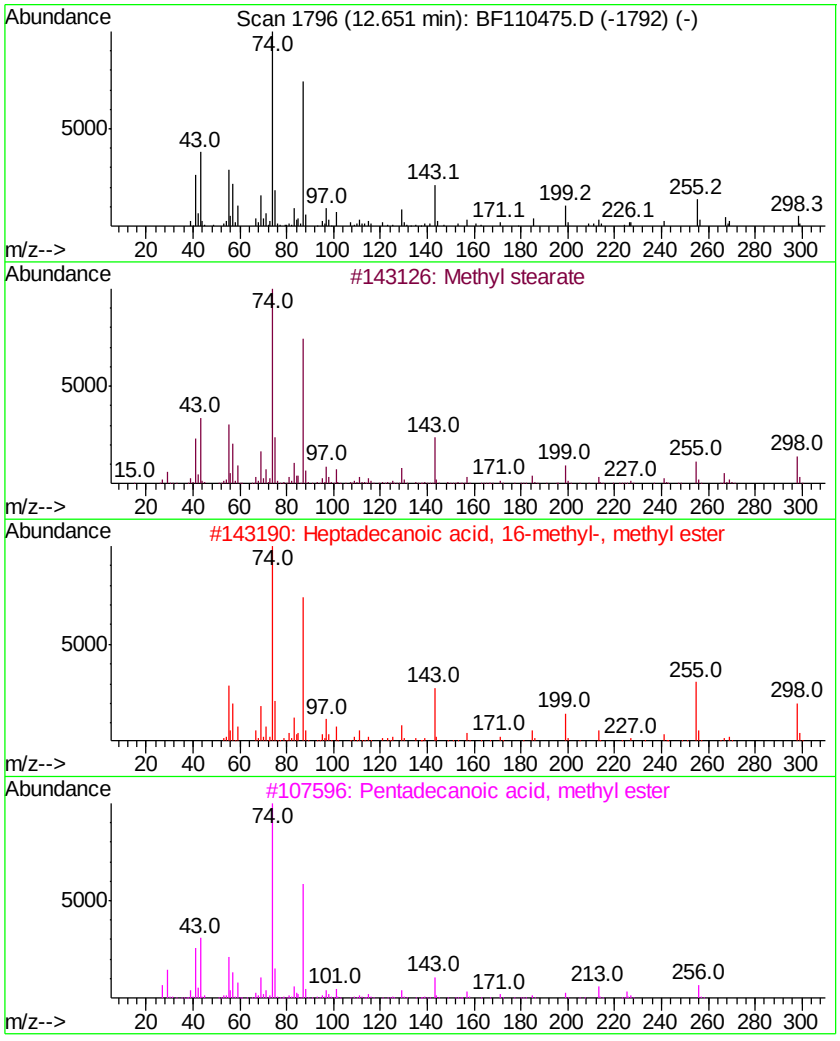
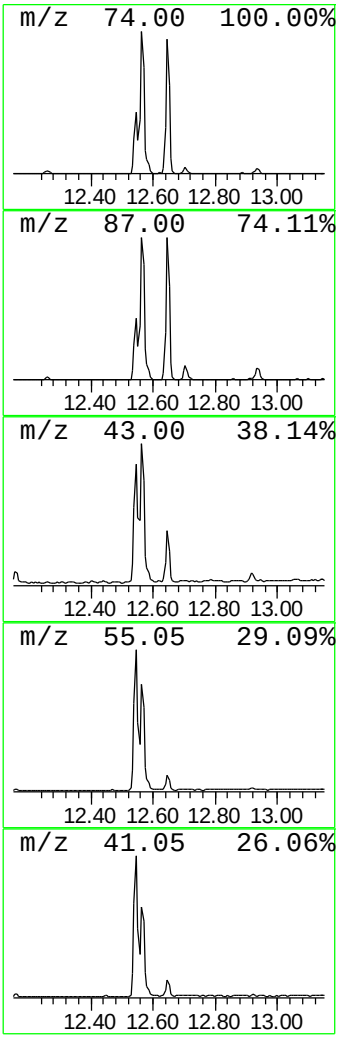
Peak Number 9 Methyl stearate Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.65 | 7.07 ng | 224080 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl stearate | 298 | C19H38O2 | 000112-61-8 | 98 |
| 2 | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 96 |
| 3 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 90 |
| 4 | Tridecanoic acid, 12-methyl-, me... | 242 | C15H30O2 | 005129-58-8 | 86 |
| 5 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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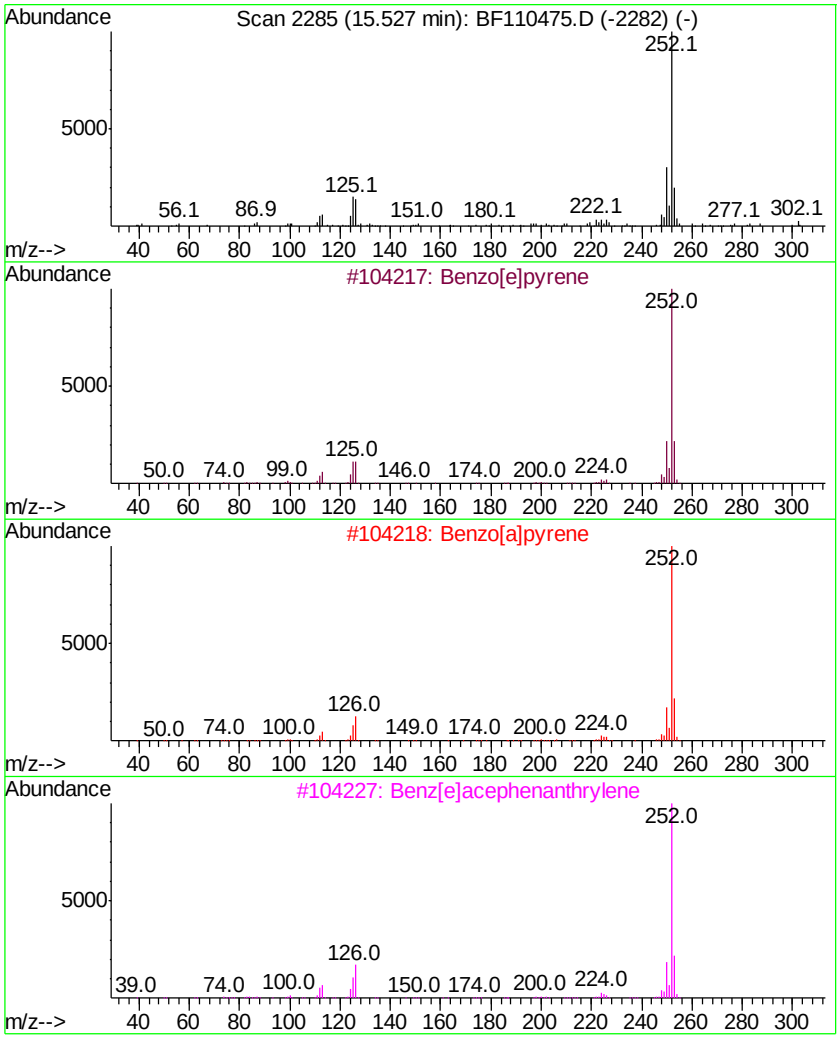
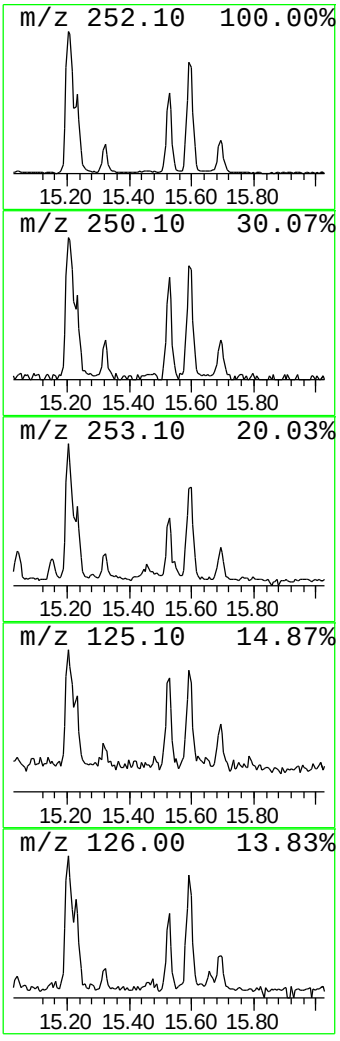
Peak Number 10 Benzo[e]pyrene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.53 | 4.67 ng | 82344 | Perylene-d12 | 15.66 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 97 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 96 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 96 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 93 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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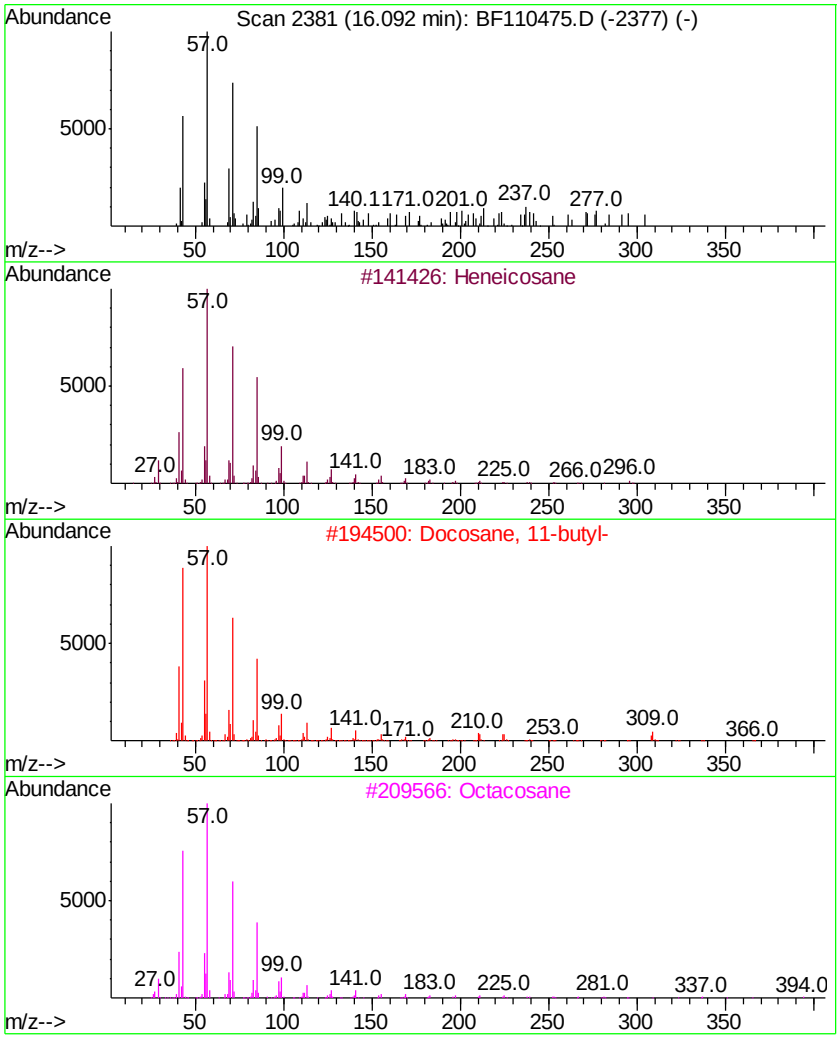
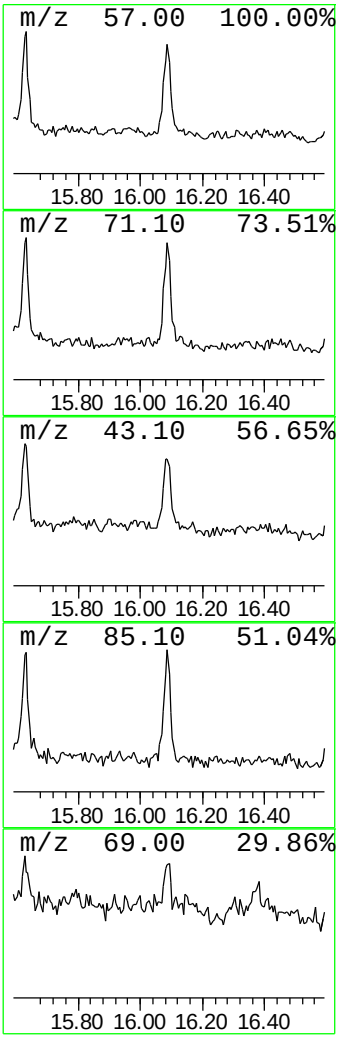
Peak Number 11 Heneicosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.09 | 5.31 ng | 93551 | Perylene-d12 | 15.66 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 93 |
| 2 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 58 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 52 |
| 4 | Nonadecane, 9-methyl- | 282 | C20H42 | 013287-24-6 | 52 |
| 5 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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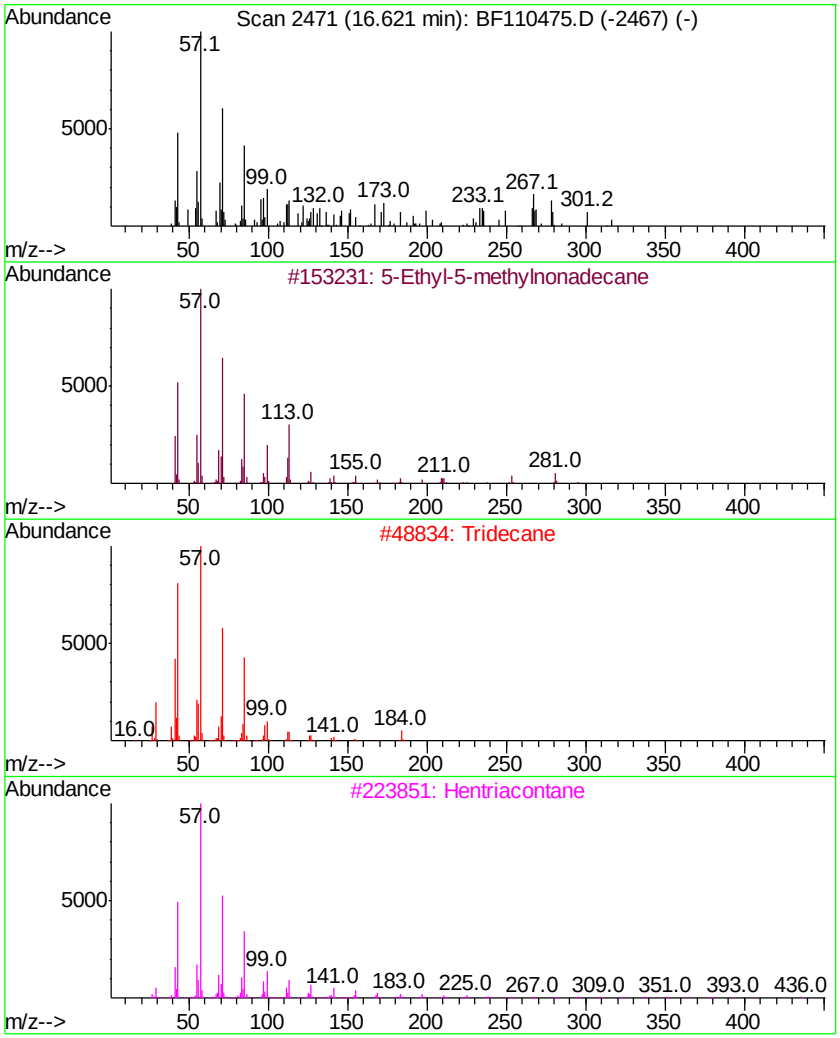
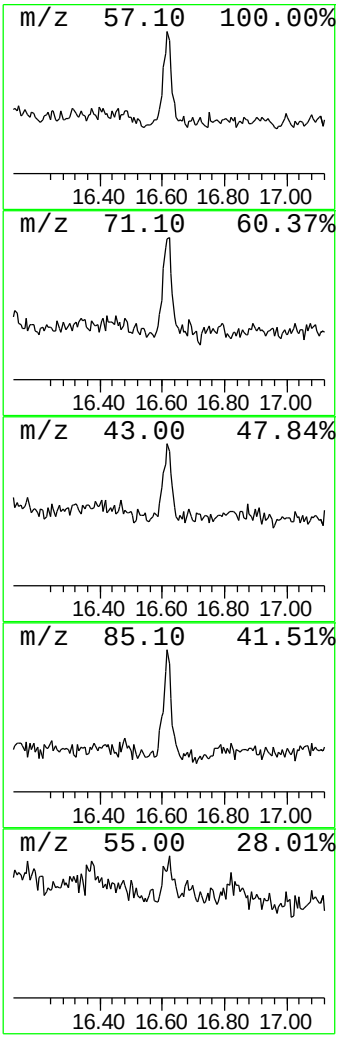
Peak Number 12 5-Ethyl-5-methylnonadecane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.62 | 3.04 ng | 53625 | Perylene-d12 | 15.66 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Ethyl-5-methylnonadecane | 310 | C22H46 | 1000360-42-7 | 53 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 52 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 50 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 50 |
| 5 | Dodecane | 170 | C12H26 | 000112-40-3 | 49 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110475.D
Acq On : 5 Nov 2018 19:51
Operator : JU/SJ
Sample : J5771-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EO-01-110218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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 |
| Butane, 2-methoxy... | 2.25 | 2.7 | ng | 83595 | 1 | 6.95 | 610170 | 20.0 |
| unknown6.72 | 6.72 | 13.0 | ng | 396038 | 1 | 6.95 | 610170 | 20.0 |
| Dimethyl phthalate | 9.70 | 2.7 | ng | 111194 | 3 | 9.99 | 823973 | 20.0 |
| Tetracosane | 10.87 | 2.5 | ng | 78872 | 4 | 11.49 | 633750 | 20.0 |
| Hexadecanoic acid... | 11.86 | 17.2 | ng | 546258 | 4 | 11.49 | 633750 | 20.0 |
| 9,12-Octadecadien... | 12.55 | 66.0 | ng | 2092400 | 4 | 11.49 | 633750 | 20.0 |
| 11-Octadecenoic a... | 12.56 | 36.8 | ng | 1166690 | 4 | 11.49 | 633750 | 20.0 |
| Methyl stearate | 12.65 | 7.1 | ng | 224080 | 4 | 11.49 | 633750 | 20.0 |
| Benzo[e]pyrene | 15.53 | 4.7 | ng | 82344 | 6 | 15.66 | 352646 | 20.0 |
| Heneicosane | 16.09 | 5.3 | ng | 93551 | 6 | 15.66 | 352646 | 20.0 |
| 5-Ethyl-5-methyln... | 16.62 | 3.0 | ng | 53625 | 6 | 15.66 | 352646 | 20.0 |