LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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 | 2.298 | 31 | 36 | 46 | rVB | 349108 | 492557 | 19.12% | 2.154% |
| 2 | 5.216 | 528 | 532 | 543 | rVB | 72768 | 103277 | 4.01% | 0.452% |
| 3 | 5.604 | 593 | 598 | 601 | rBV | 2433896 | 2282482 | 88.58% | 9.980% |
| 4 | 6.604 | 763 | 768 | 782 | rBV | 2308174 | 2576733 | 100.00% | 11.267% |
| 5 | 6.745 | 788 | 792 | 795 | rBV | 2611891 | 2445058 | 94.89% | 10.691% |
| 6 | 6.975 | 827 | 831 | 834 | rBV | 607222 | 475523 | 18.45% | 2.079% |
| 7 | 7.133 | 853 | 858 | 861 | rBV | 1928986 | 1786632 | 69.34% | 7.812% |
| 8 | 7.539 | 922 | 927 | 930 | rBV | 1563448 | 1415664 | 54.94% | 6.190% |
| 9 | 8.257 | 1045 | 1049 | 1065 | rVB | 650485 | 656800 | 25.49% | 2.872% |
| 10 | 8.974 | 1167 | 1171 | 1179 | rBV | 26052 | 27974 | 1.09% | 0.122% |
| 11 | 9.069 | 1184 | 1187 | 1194 | rVB | 42347 | 41969 | 1.63% | 0.184% |
| 12 | 9.333 | 1227 | 1232 | 1235 | rBV | 2833543 | 2492307 | 96.72% | 10.898% |
| 13 | 9.604 | 1274 | 1278 | 1282 | rBV | 23169 | 29957 | 1.16% | 0.131% |
| 14 | 9.674 | 1286 | 1290 | 1292 | rBV | 43197 | 43341 | 1.68% | 0.190% |
| 15 | 9.722 | 1295 | 1298 | 1307 | rVB | 323103 | 289501 | 11.24% | 1.266% |
| 16 | 9.880 | 1322 | 1325 | 1329 | rBV2 | 33589 | 31310 | 1.22% | 0.137% |
| 17 | 10.021 | 1345 | 1349 | 1353 | rBV | 631992 | 619656 | 24.05% | 2.709% |
| 18 | 10.569 | 1439 | 1442 | 1449 | rVB2 | 45452 | 48180 | 1.87% | 0.211% |
| 19 | 10.816 | 1479 | 1484 | 1496 | rBV | 1447987 | 1437328 | 55.78% | 6.285% |
| 20 | 11.116 | 1529 | 1535 | 1538 | rBV3 | 24062 | 34554 | 1.34% | 0.151% |
| 21 | 11.515 | 1599 | 1603 | 1605 | rBV | 675449 | 590115 | 22.90% | 2.580% |
| 22 | 11.539 | 1605 | 1607 | 1611 | rVB | 247606 | 204676 | 7.94% | 0.895% |
| 23 | 12.015 | 1684 | 1688 | 1691 | rBV | 96850 | 90236 | 3.50% | 0.395% |
| 24 | 12.045 | 1691 | 1693 | 1698 | rVB | 106984 | 86697 | 3.36% | 0.379% |
| 25 | 12.127 | 1704 | 1707 | 1709 | rBV2 | 76220 | 81526 | 3.16% | 0.356% |
| 26 | 12.151 | 1709 | 1711 | 1715 | rVB | 66877 | 55651 | 2.16% | 0.243% |
| 27 | 12.310 | 1734 | 1738 | 1741 | rBV | 29947 | 28410 | 1.10% | 0.124% |
| 28 | 12.568 | 1779 | 1782 | 1785 | rBV | 58515 | 60284 | 2.34% | 0.264% |
| 29 | 12.604 | 1785 | 1788 | 1790 | rVV2 | 27610 | 34052 | 1.32% | 0.149% |
| 30 | 12.651 | 1794 | 1796 | 1805 | rVB4 | 18701 | 37985 | 1.47% | 0.166% |
| 31 | 12.733 | 1806 | 1810 | 1813 | rBV | 123299 | 103619 | 4.02% | 0.453% |
| 32 | 12.962 | 1844 | 1849 | 1854 | rBV | 172490 | 202573 | 7.86% | 0.886% |
| 33 | 13.098 | 1868 | 1872 | 1876 | rBV | 2088896 | 1921814 | 74.58% | 8.403% |
| 34 | 13.186 | 1882 | 1887 | 1892 | rVB4 | 24027 | 40140 | 1.56% | 0.176% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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 | 13.292 | 1902 | 1905 | 1910 | rVB2 | 43216 | 60482 | 2.35% | 0.264% |
| 36 | 13.398 | 1919 | 1923 | 1928 | rBV | 42468 | 41345 | 1.60% | 0.181% |
| 37 | 13.492 | 1936 | 1939 | 1942 | rBV | 34863 | 32873 | 1.28% | 0.144% |
| 38 | 13.645 | 1962 | 1965 | 1968 | rBV2 | 25309 | 26952 | 1.05% | 0.118% |
| 39 | 13.974 | 2018 | 2021 | 2031 | rBV3 | 116232 | 156668 | 6.08% | 0.685% |
| 40 | 14.168 | 2048 | 2054 | 2057 | rBV | 532051 | 587099 | 22.78% | 2.567% |
| 41 | 14.192 | 2057 | 2058 | 2065 | rVB | 70543 | 60116 | 2.33% | 0.263% |
| 42 | 14.292 | 2073 | 2075 | 2085 | rVB4 | 33758 | 47683 | 1.85% | 0.208% |
| 43 | 14.598 | 2124 | 2127 | 2130 | rBV2 | 42647 | 44905 | 1.74% | 0.196% |
| 44 | 14.921 | 2179 | 2182 | 2186 | rVB | 65720 | 69362 | 2.69% | 0.303% |
| 45 | 15.004 | 2192 | 2196 | 2199 | rVB | 144790 | 149053 | 5.78% | 0.652% |
| 46 | 15.280 | 2240 | 2243 | 2246 | rVB | 62280 | 64897 | 2.52% | 0.284% |
| 47 | 15.645 | 2301 | 2305 | 2307 | rBV | 27649 | 39040 | 1.52% | 0.171% |
| 48 | 15.709 | 2308 | 2316 | 2322 | rVB2 | 256161 | 429917 | 16.68% | 1.880% |
| 49 | 16.145 | 2386 | 2390 | 2396 | rBV | 64494 | 105683 | 4.10% | 0.462% |
| 50 | 16.692 | 2479 | 2483 | 2488 | rVB2 | 50614 | 85755 | 3.33% | 0.375% |

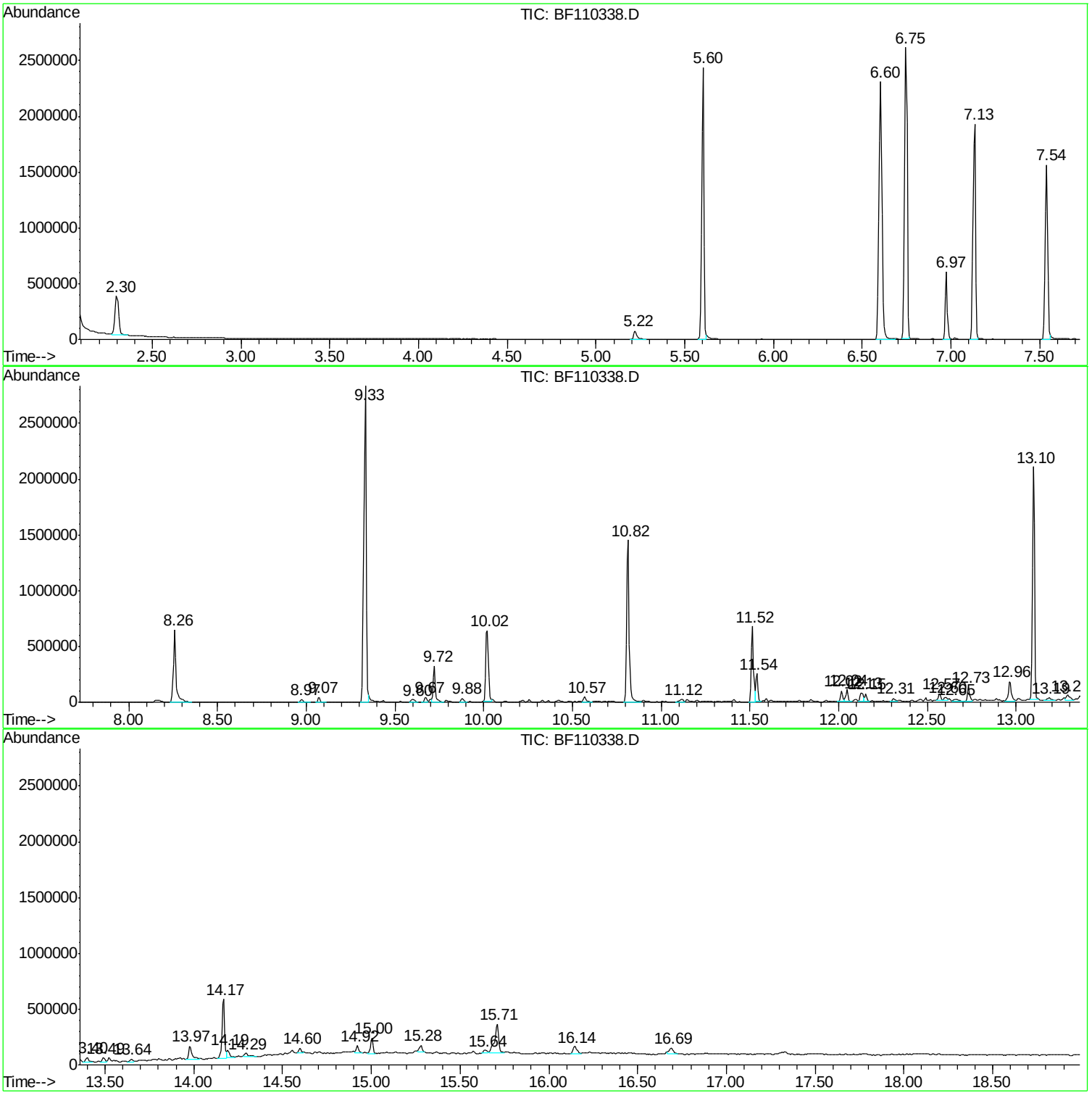
Sum of corrected areas: 22870411

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
EG-DRUM

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\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

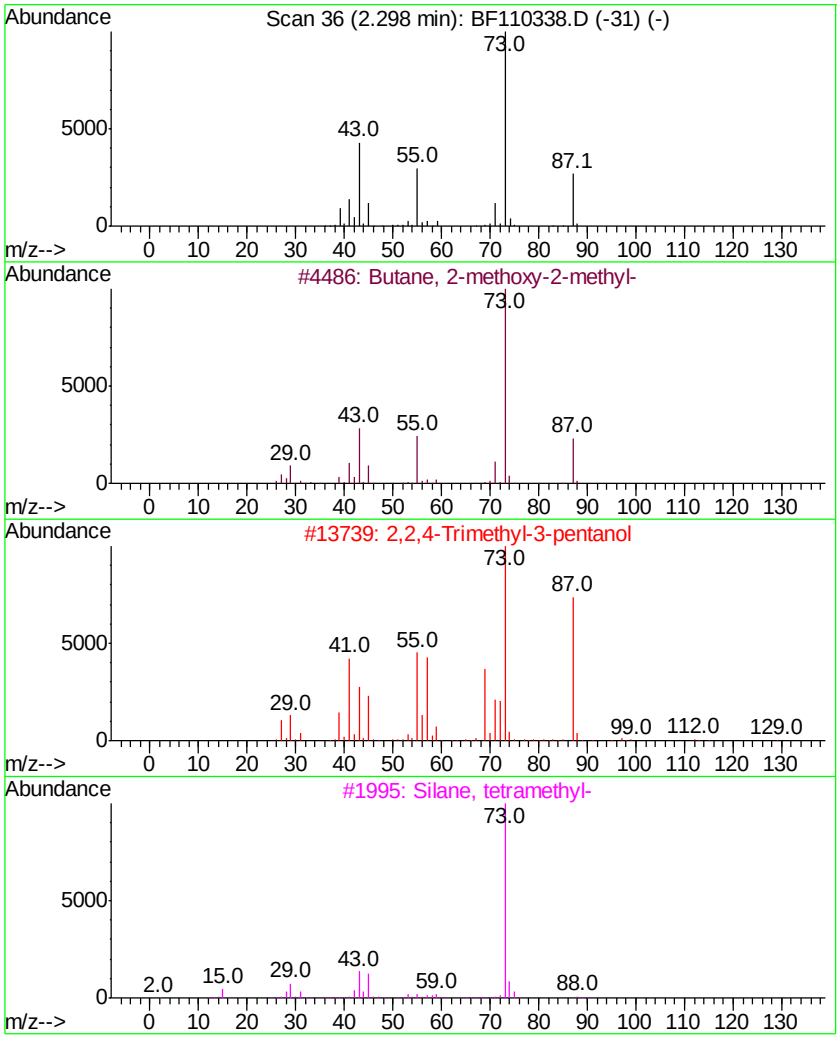
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

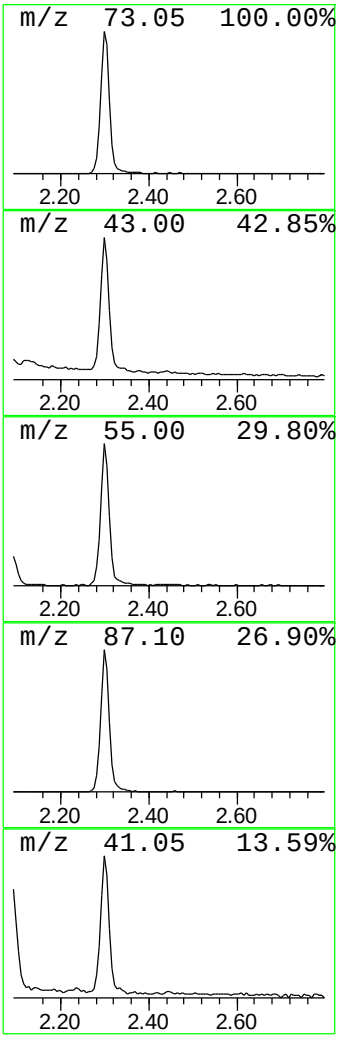
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.30 | 20.72 ng | 492557 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 38 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 23 |
| 5 | Boronic acid, ethyl-, dimethyl e... | 102 | C4H11BO2 | 007318-82-3 | 10 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

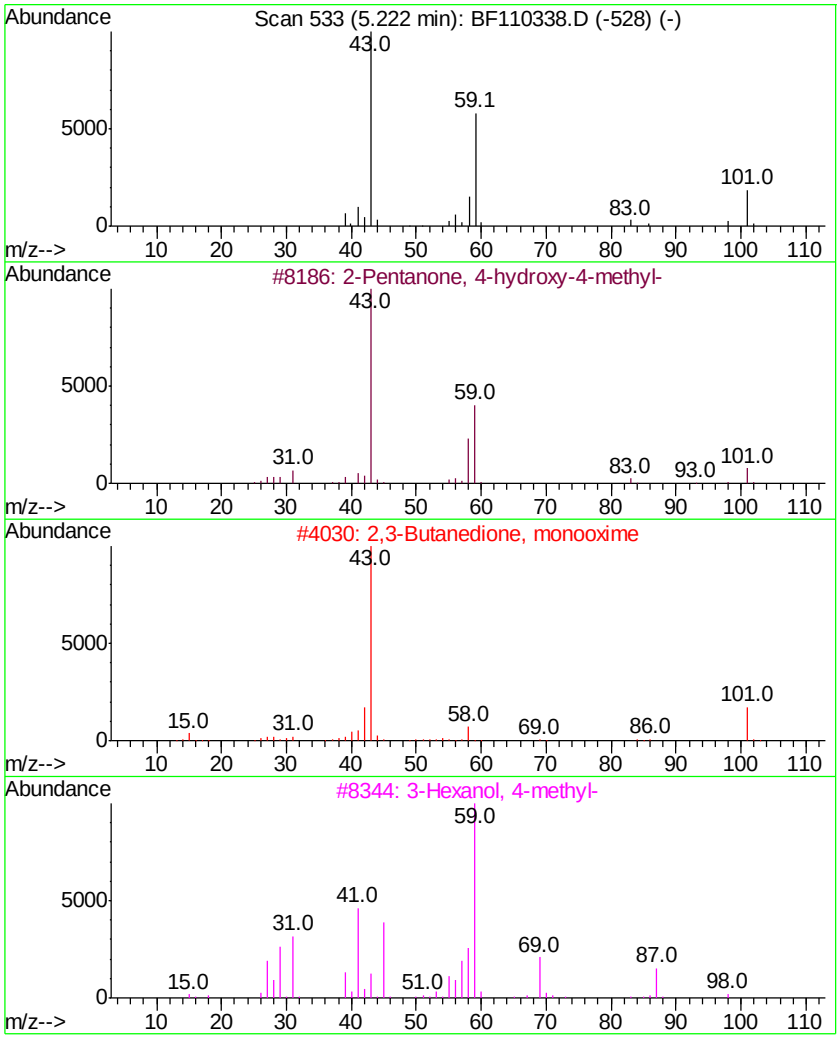
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

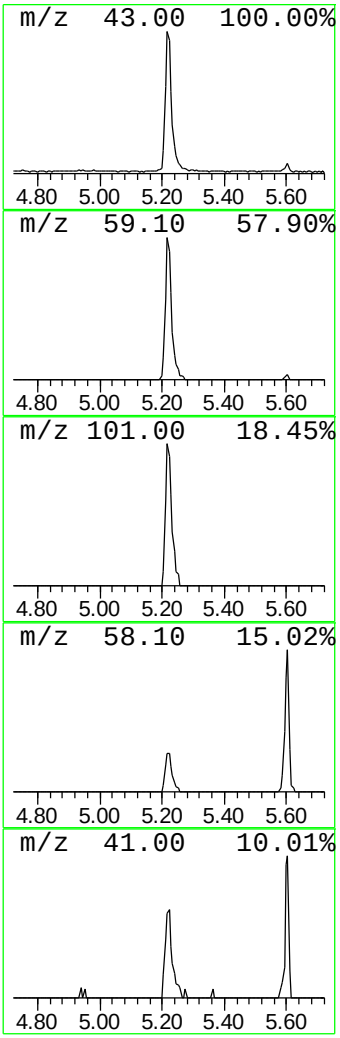
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.22 | 4.34 ng | 103277 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 45 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 35 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 4 | Propane, 2-ethoxy-2-methyl- | 102 | C6H14O | 000637-92-3 | 23 |
| 5 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

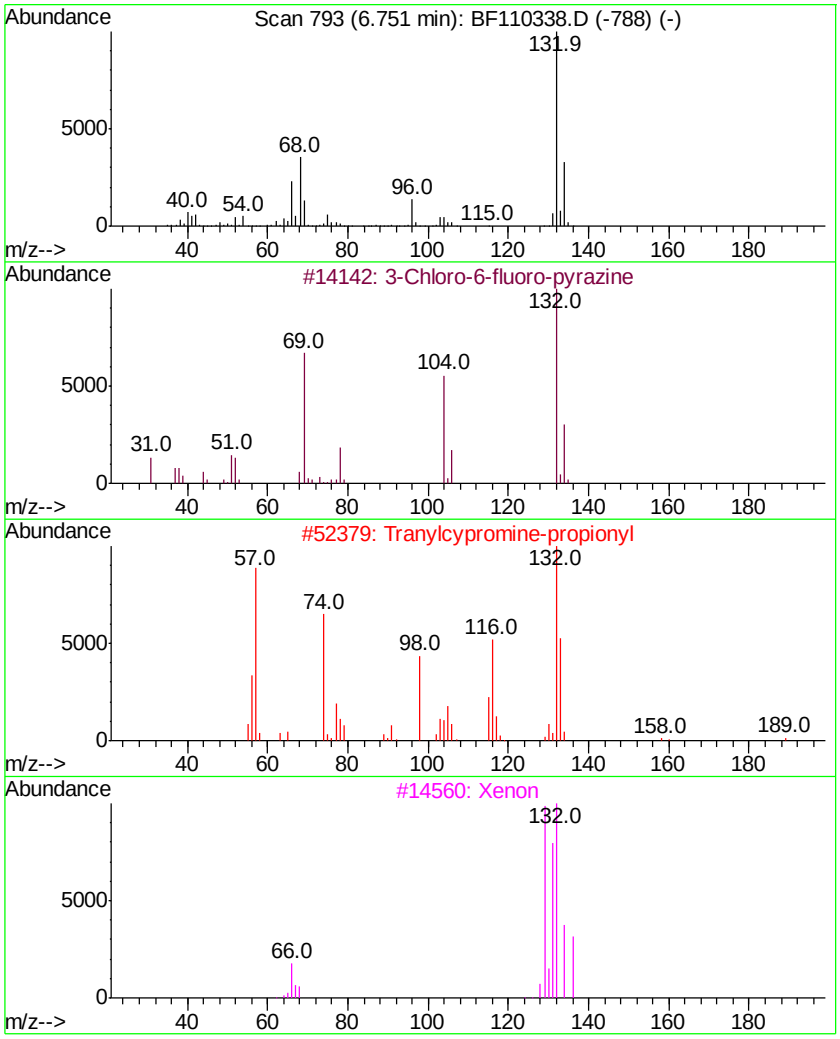
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

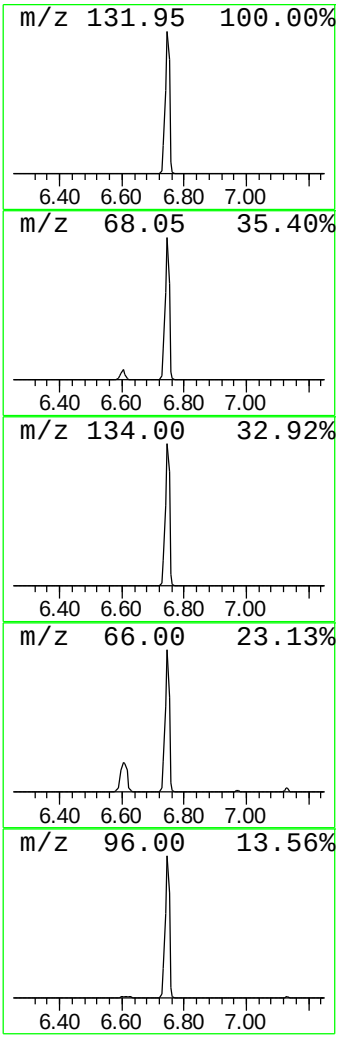
**********

Peak Number 3 unknown6.75 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.75 | 102.84 ng | 2445060 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 3 | Xenon | 132 | Xe | 007440-63-3 | 9 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

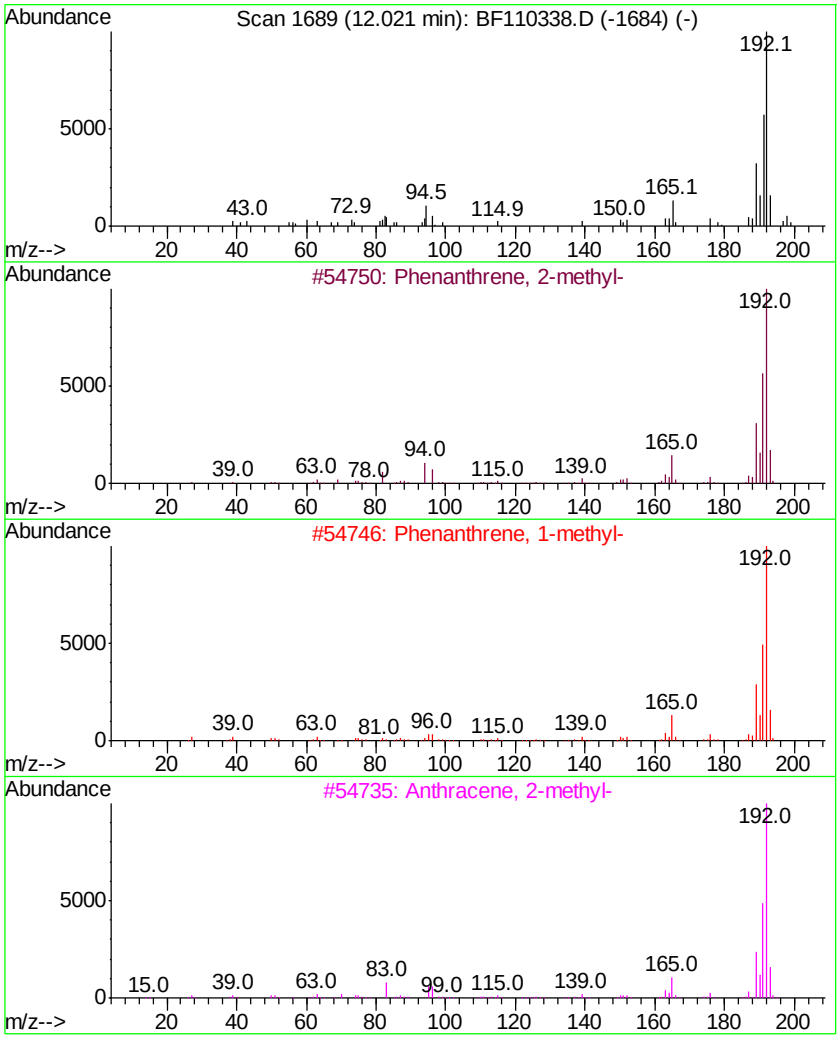
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

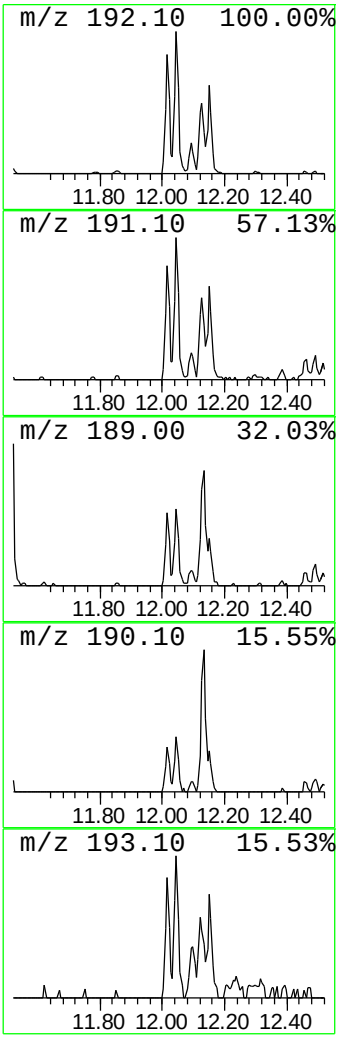
**********

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.02 | 3.06 ng | 90236 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 94 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

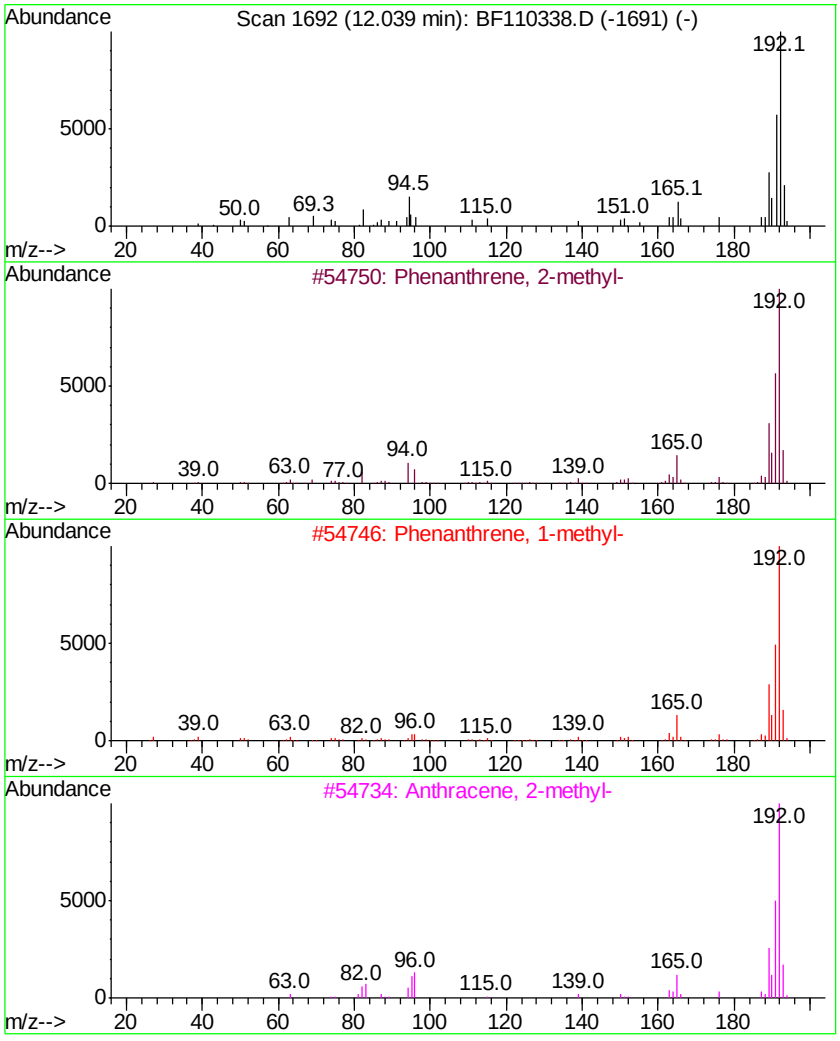
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

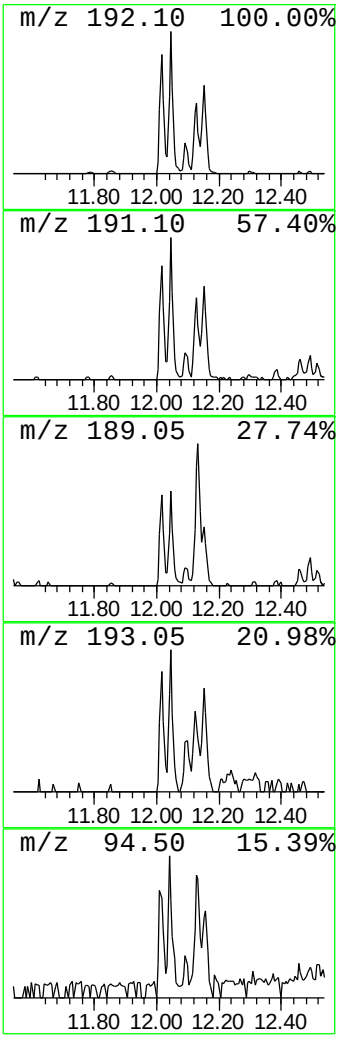
**********

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.04 | 2.94 ng | 86697 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

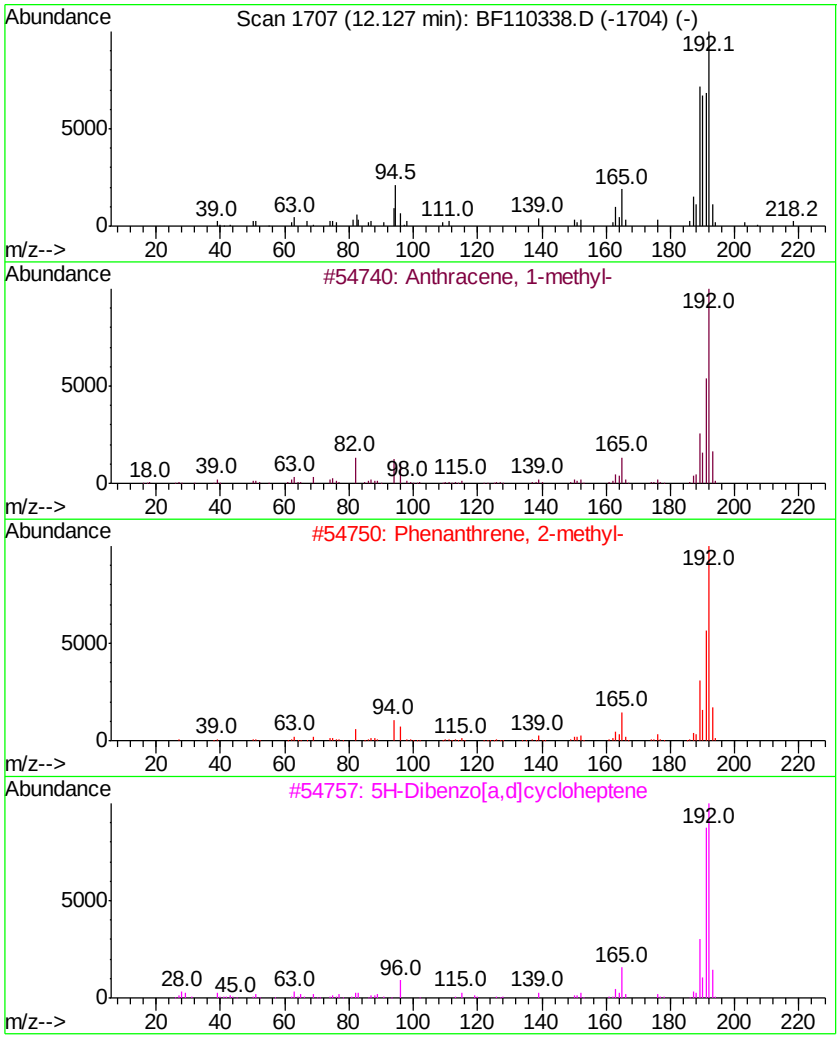
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

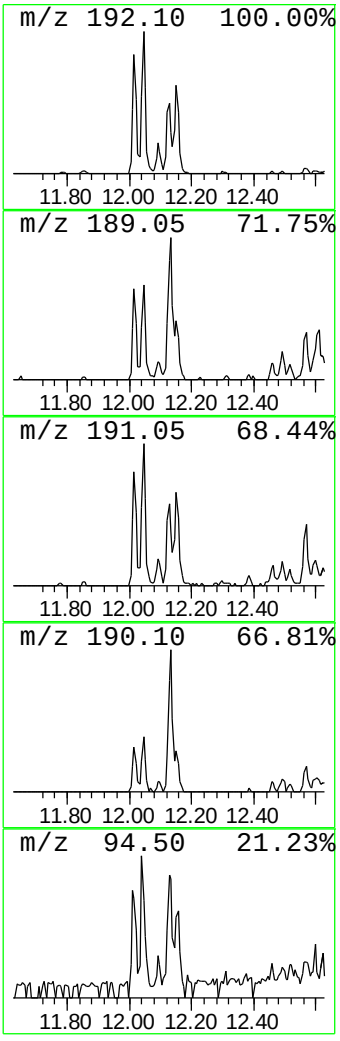
**********

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.13 | 2.76 ng | 81526 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 60 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 60 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 60 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 55 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 55 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

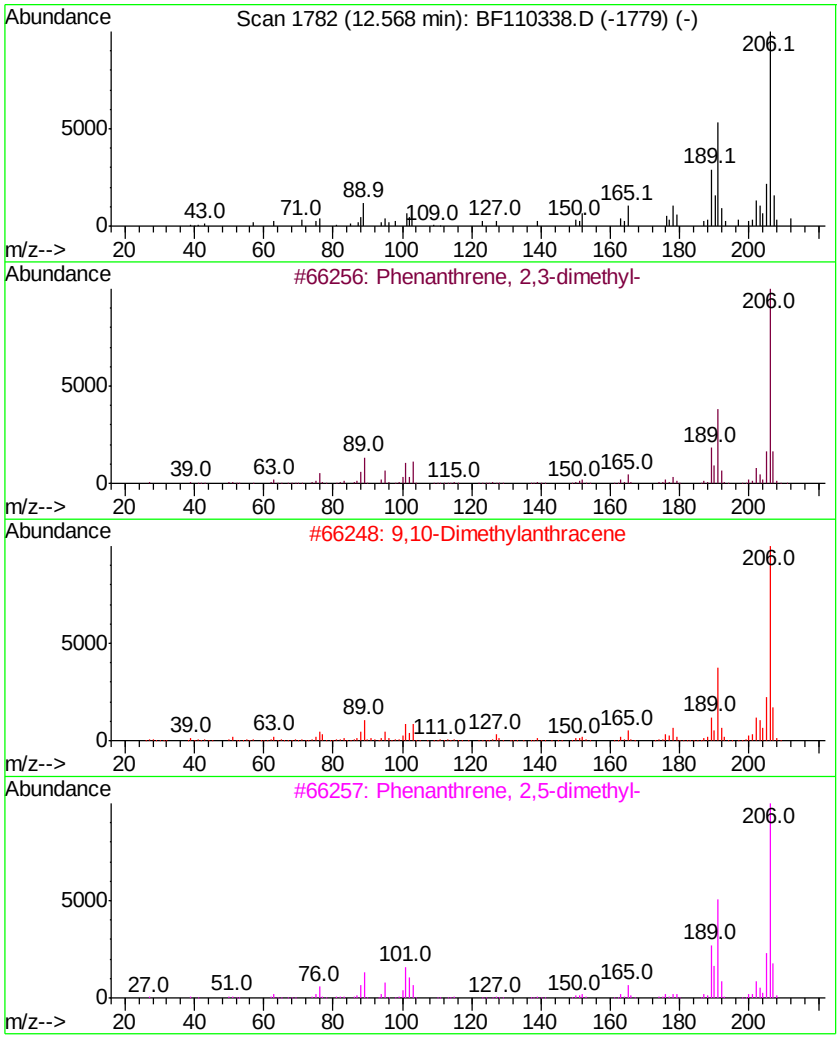
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

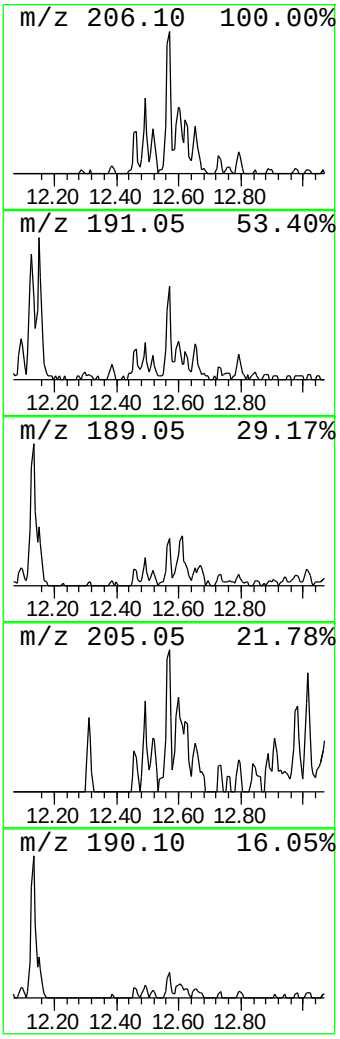
**********

Peak Number 8 Phenanthrene, 2,3-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.57 | 2.04 ng | 60284 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 90 |
| 4 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 87 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

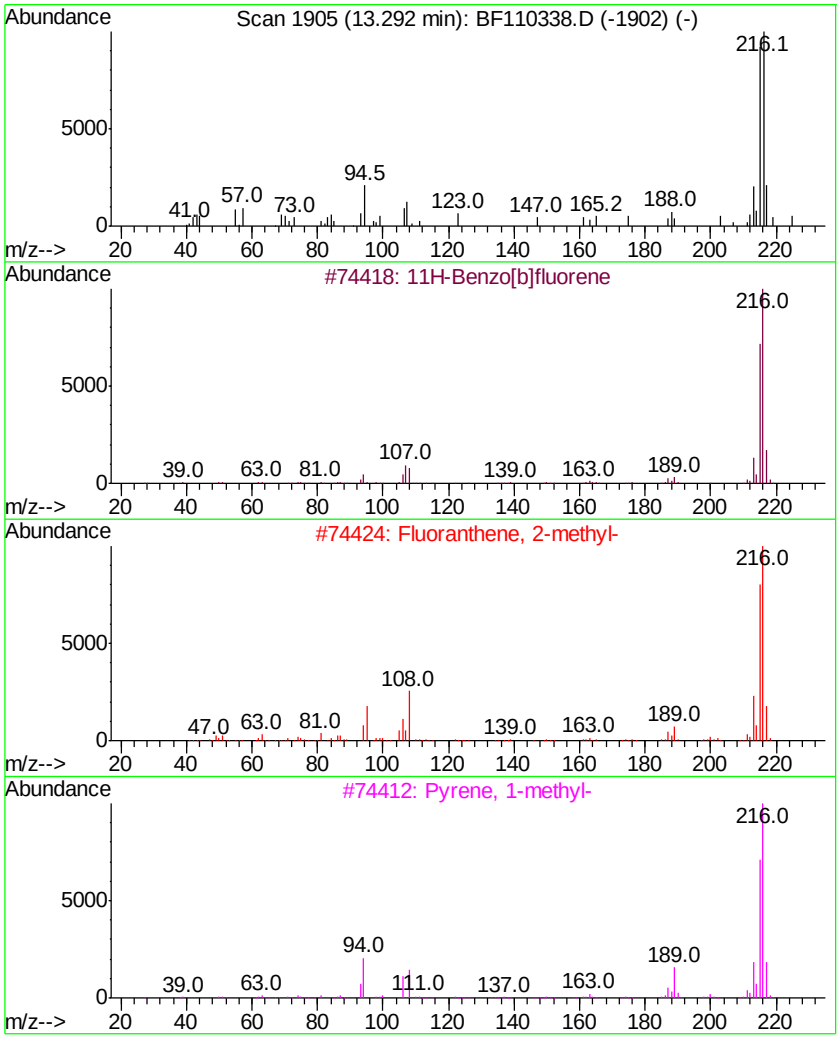
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

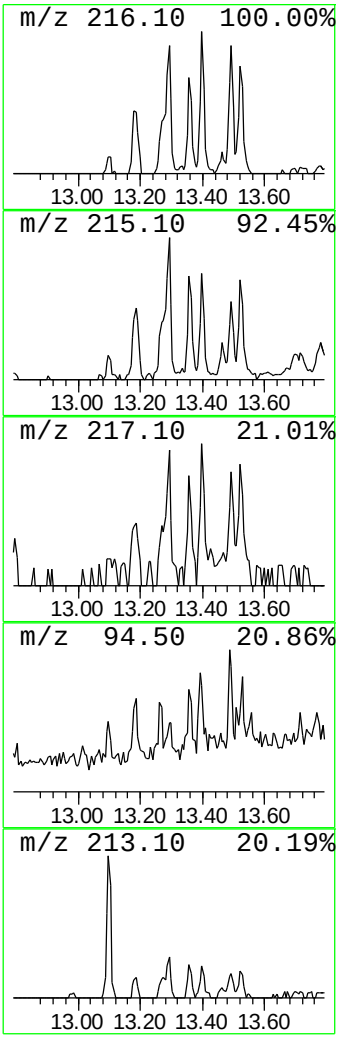
**********

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.29 | 2.06 ng | 60482 | Chrysene-d12 | 14.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 72 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 72 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 72 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 59 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

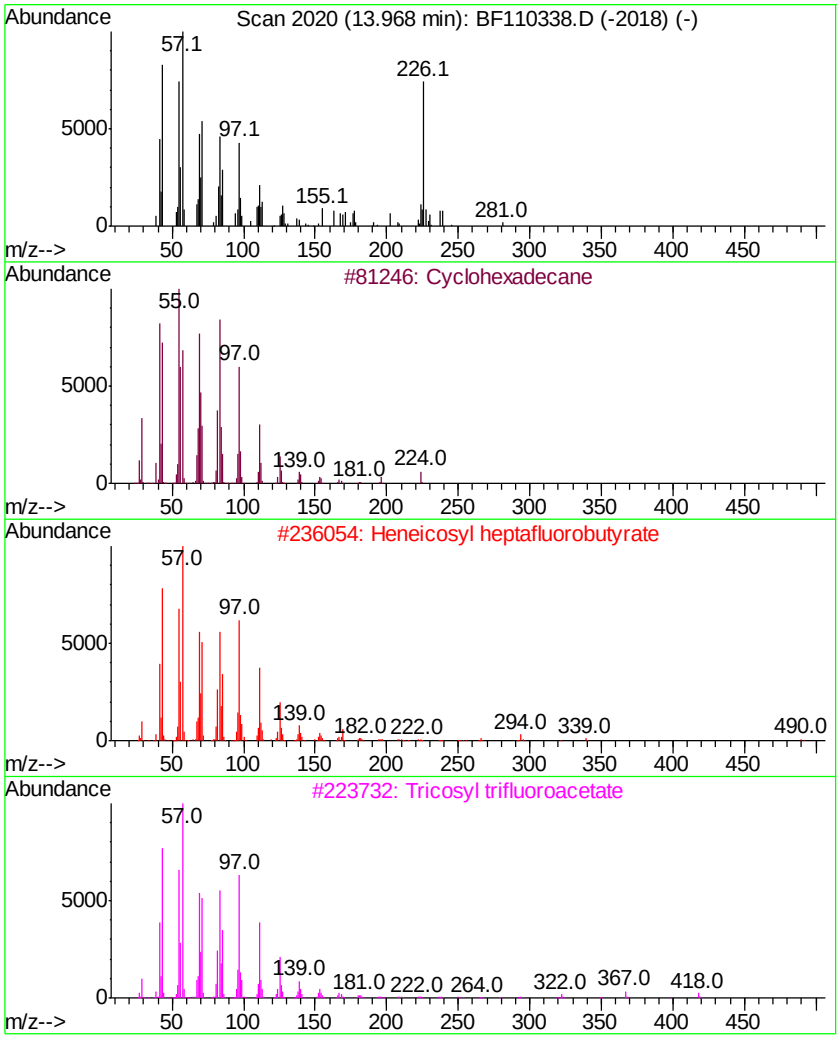
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

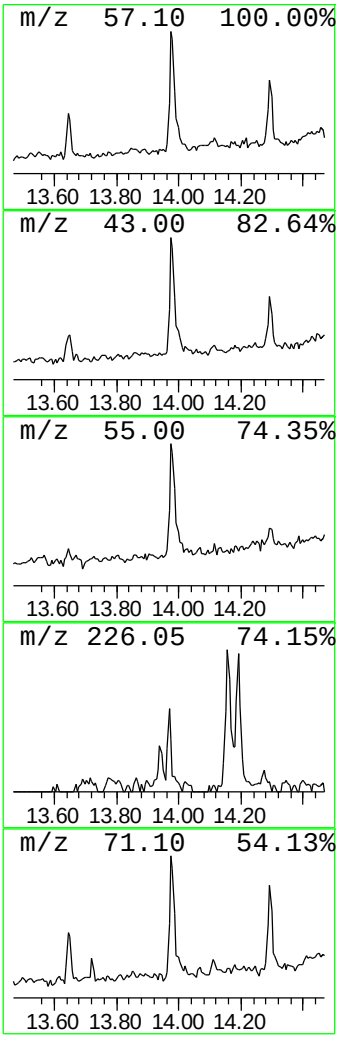
**********

Peak Number 10 Cyclohexadecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.97 | 5.34 ng | 156668 | Chrysene-d12 | 14.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 96 |
| 2 | Heneicosyl heptafluorobutyrate | 508 | C25H43F7O2 | 1000351-83-8 | 87 |
| 3 | Tricosyl trifluoroacetate | 436 | C25H47F3O2 | 1000351-75-1 | 87 |
| 4 | Tetracosyl heptafluorobutyrate | 550 | C28H49F7O2 | 1000351-83-7 | 87 |
| 5 | Tricosyl pentafluoropropionate | 486 | C26H47F5O2 | 1000351-81-0 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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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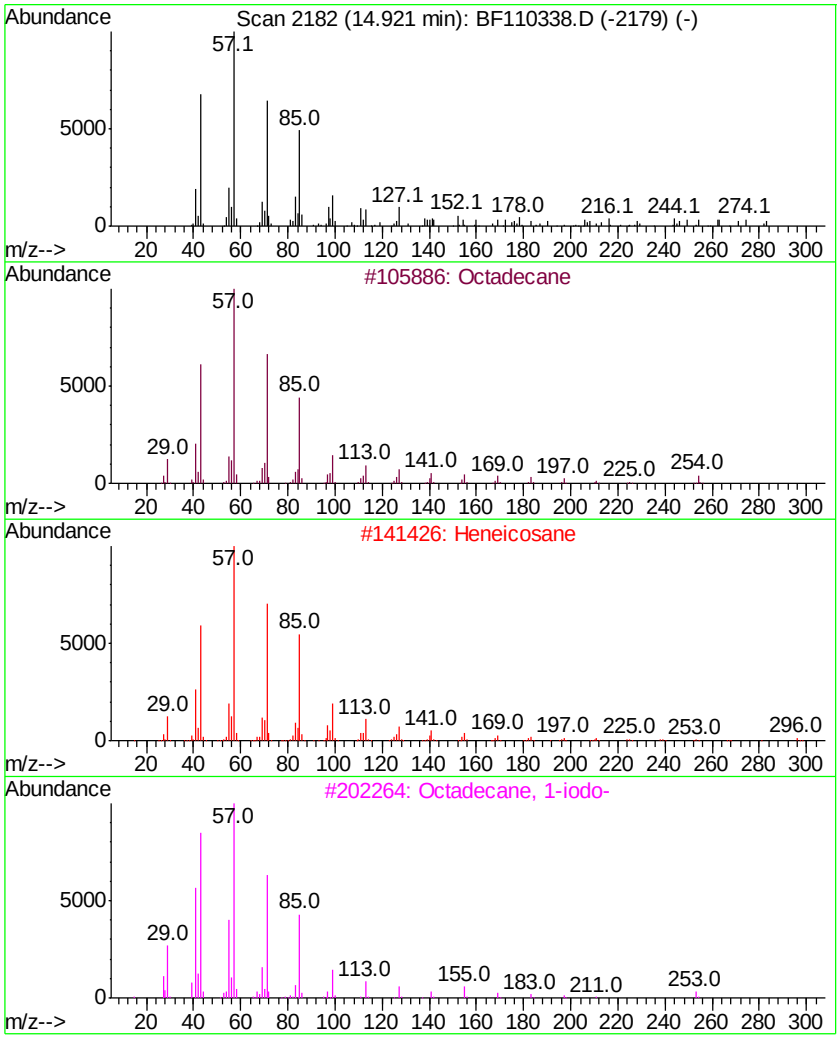
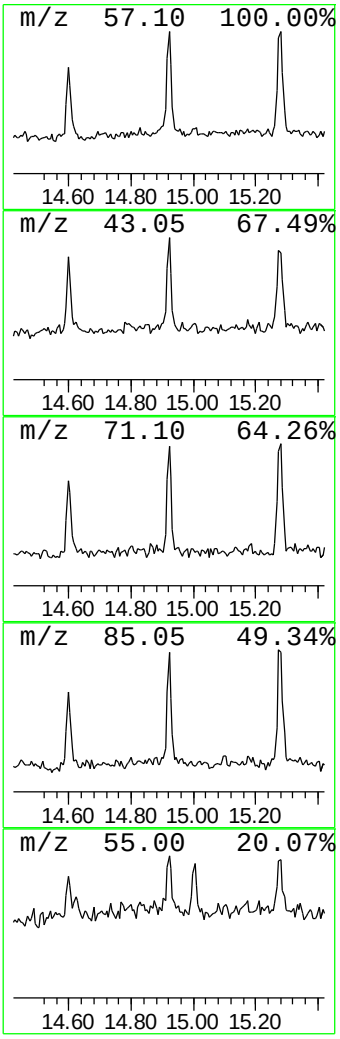
Peak Number 11 Octadecane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.92 | 2.36 ng | 69362 | Chrysene-d12 | 14.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 93 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 83 |
| 3 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 72 |
| 4 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 64 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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

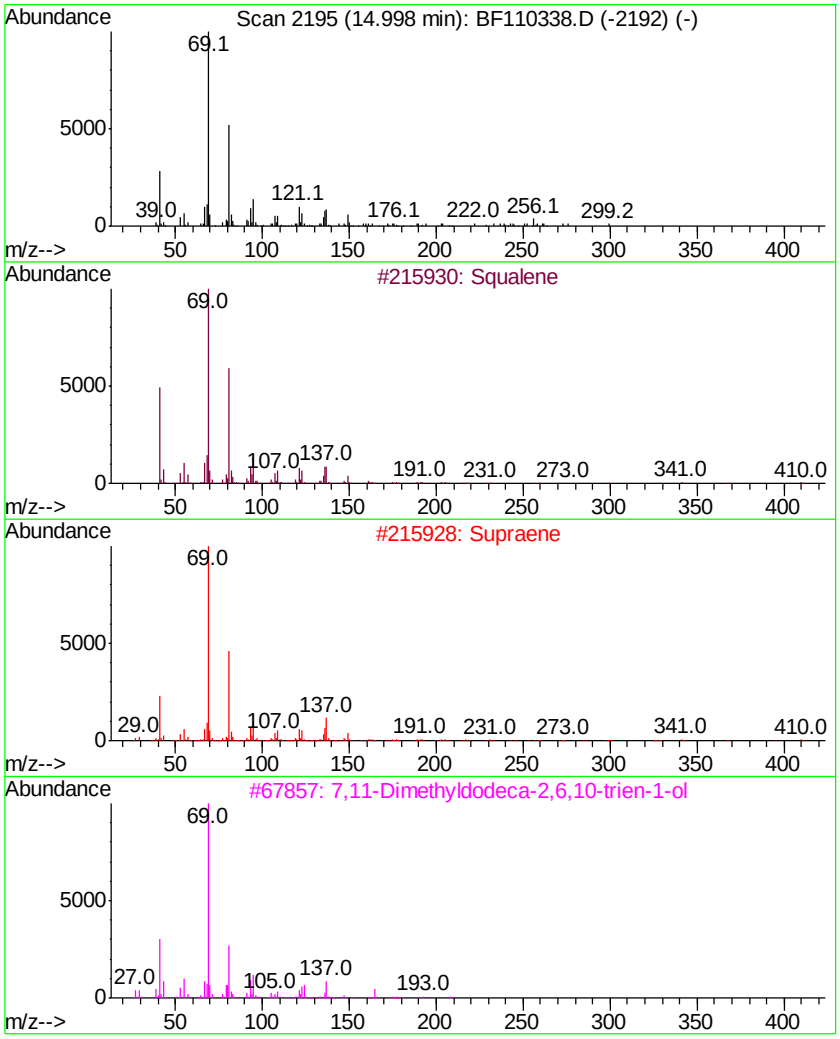
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

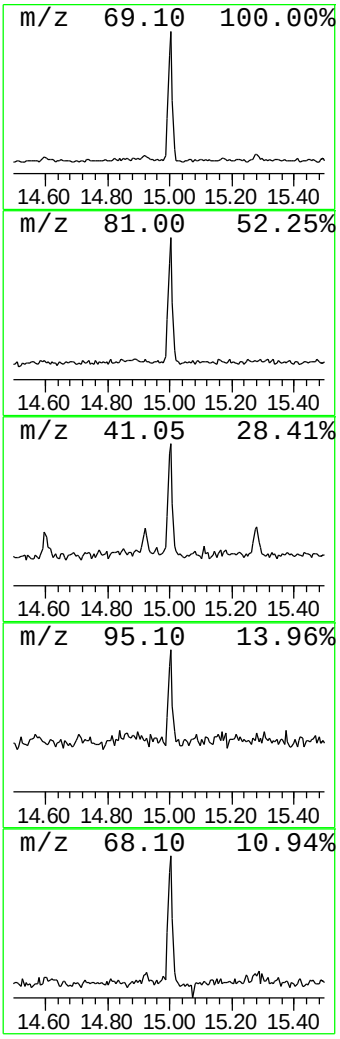
**********

Peak Number 12 Squalene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.00 | 6.93 ng | 149053 | Perylene-d12 | 15.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 000111-02-4 | 87 |
| 2 | Supraene | 410 | C30H50 | 007683-64-9 | 74 |
| 3 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 64 |
| 4 | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 64 |
| 5 | 4,8,12-Tetradecatrienenitrile, 5... | 245 | C17H27N | 005981-31-7 | 59 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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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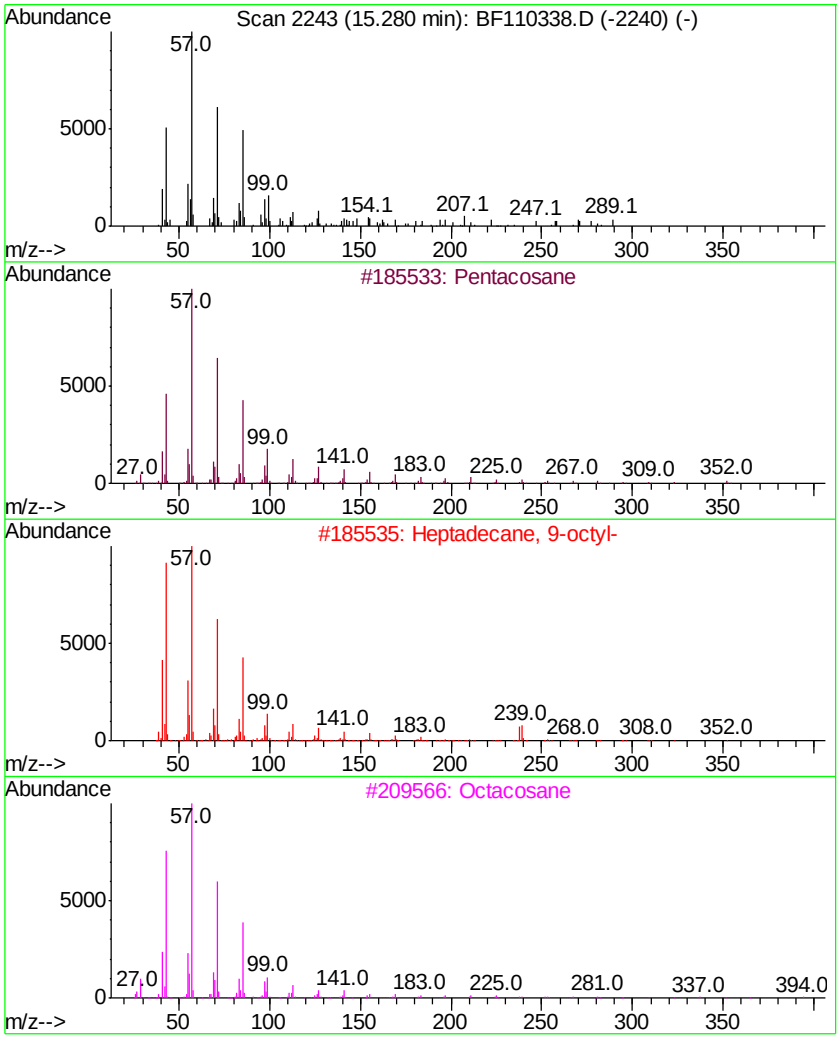
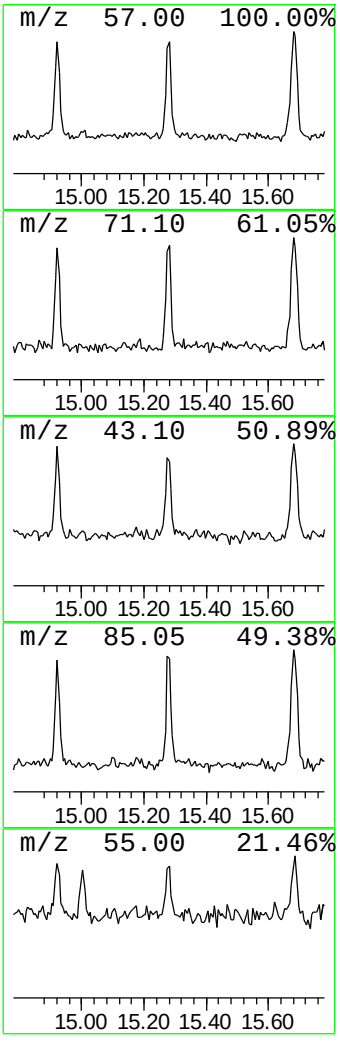
Peak Number 13 Pentacosane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.28 | 3.02 ng | 64897 | Perylene-d12 | 15.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 86 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 83 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 83 |
| 4 | Borane, diethyl(decyloxy)- | 226 | C14H31BO | 1000152-34-3 | 81 |
| 5 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 80 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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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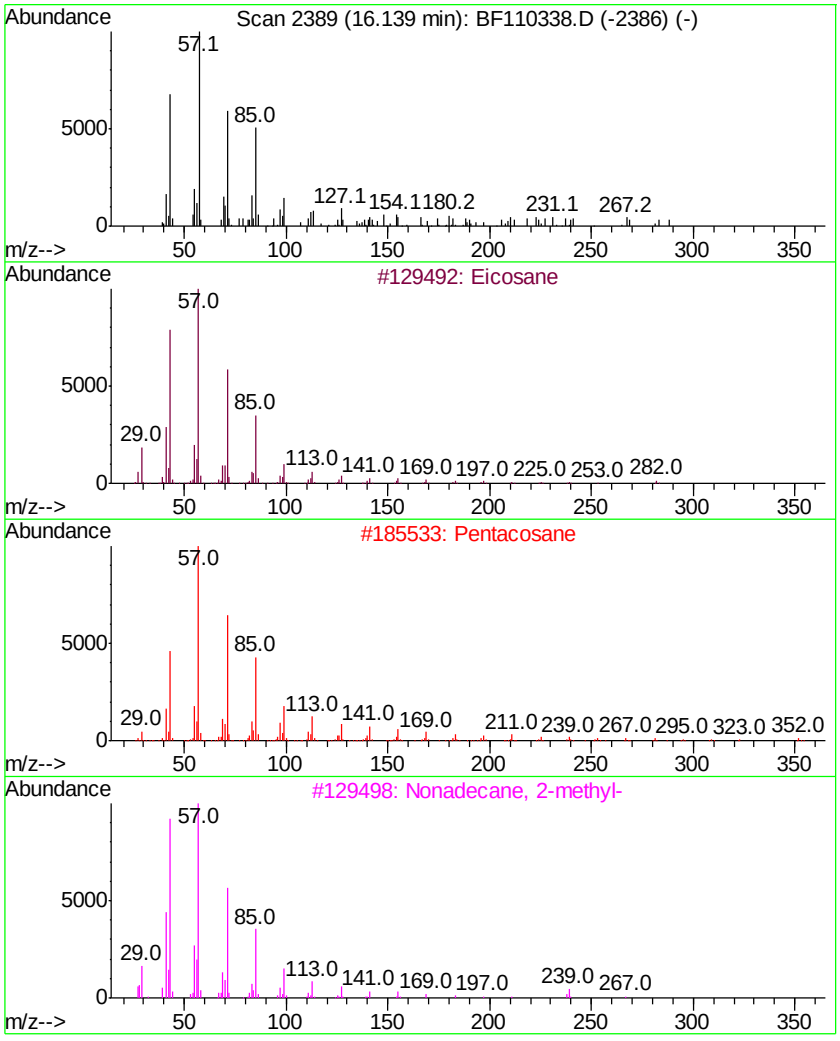
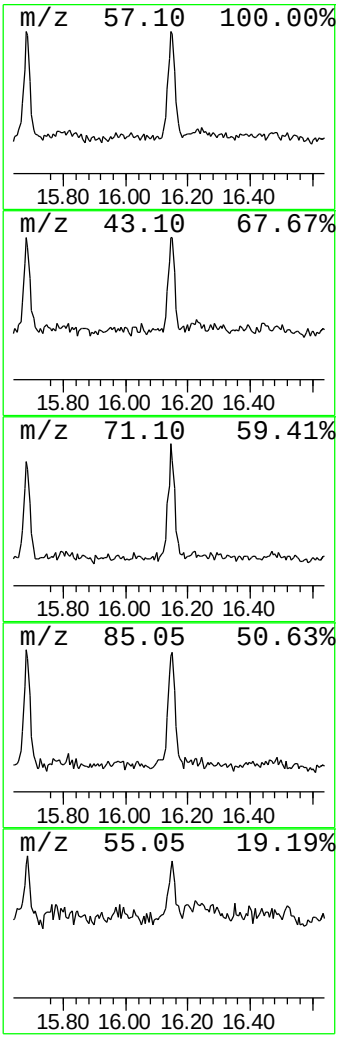
Peak Number 14 Eicosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.14 | 4.92 ng | 105683 | Perylene-d12 | 15.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |
| 3 | Nonadecane, 2-methyl- | 282 | C20H42 | 001560-86-7 | 86 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 86 |
| 5 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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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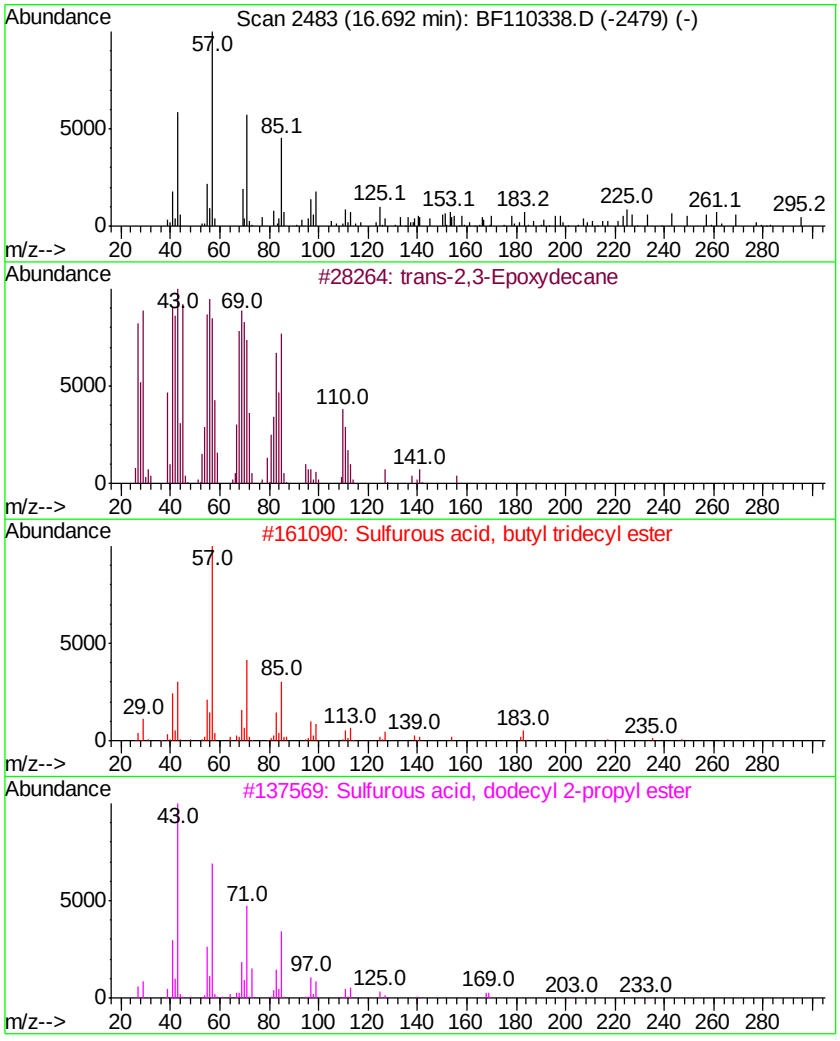
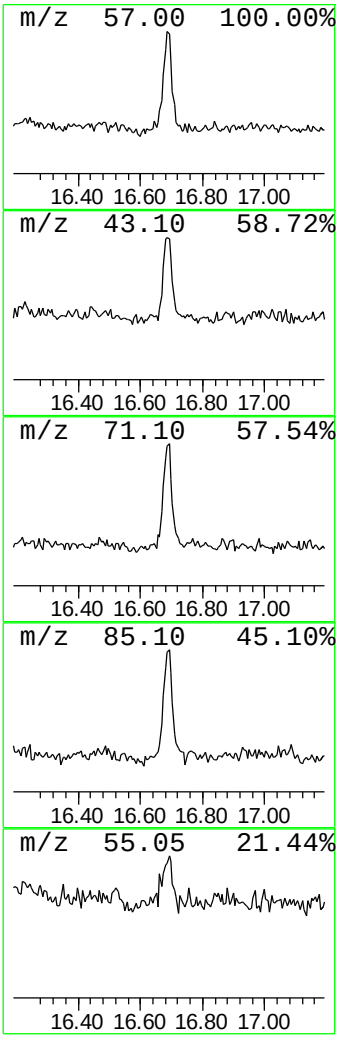
Peak Number 15 trans-2,3-Epoxydecane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.69 | 3.99 ng | 85755 | Perylene-d12 | 15.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-2,3-Epoxydecane | 156 | C10H20O | 054125-39-2 | 53 |
| 2 | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 50 |
| 3 | Sulfurous acid, dodecyl 2-propyl... | 292 | C15H32O3S | 1000309-12-3 | 50 |
| 4 | Dodecane | 170 | C12H26 | 000112-40-3 | 50 |
| 5 | Borane, diethyl(decyloxy)- | 226 | C14H31BO | 1000152-34-3 | 47 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EG-DRUM

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... | 2.30 | 20.7 | ng | 492557 | 1 | 6.97 | 475523 | 20.0 |
| 2-Pentanone, 4-hy... | 5.22 | 4.3 | ng | 103277 | 1 | 6.97 | 475523 | 20.0 |
| unknown6.75 | 6.75 | 102.8 | ng | 2445060 | 1 | 6.97 | 475523 | 20.0 |
| Phenanthrene, 2-m... | 12.02 | 3.1 | ng | 90236 | 4 | 11.52 | 590115 | 20.0 |
| Phenanthrene, 1-m... | 12.04 | 2.9 | ng | 86697 | 4 | 11.52 | 590115 | 20.0 |
| Anthracene, 1-met... | 12.13 | 2.8 | ng | 81526 | 4 | 11.52 | 590115 | 20.0 |
| Phenanthrene, 2,3... | 12.57 | 2.0 | ng | 60284 | 4 | 11.52 | 590115 | 20.0 |
| 11H-Benzo[b]fluorene | 13.29 | 2.1 | ng | 60482 | 5 | 14.17 | 587099 | 20.0 |
| Cyclohexadecane | 13.97 | 5.3 | ng | 156668 | 5 | 14.17 | 587099 | 20.0 |
| Octadecane | 14.92 | 2.4 | ng | 69362 | 5 | 14.17 | 587099 | 20.0 |
| Squalene | 15.00 | 6.9 | ng | 149053 | 6 | 15.71 | 429917 | 20.0 |
| Pentacosane | 15.28 | 3.0 | ng | 64897 | 6 | 15.71 | 429917 | 20.0 |
| Eicosane | 16.14 | 4.9 | ng | 105683 | 6 | 15.71 | 429917 | 20.0 |
| trans-2,3-Epoxyde... | 16.69 | 4.0 | ng | 85755 | 6 | 15.71 | 429917 | 20.0 |