LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136077.D
Acq On : 01 Nov 2023 15:27
Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 348

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136077.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.116 | 3 | 5 | 10 | rVB | 509649 | 500396 | 16.59% | 1.851% |
| 2 | 3.916 | 307 | 311 | 318 | rVB | 40284 | 54318 | 1.80% | 0.201% |
| 3 | 5.057 | 497 | 505 | 511 | rVB | 85121 | 101557 | 3.37% | 0.376% |
| 4 | 5.422 | 564 | 567 | 568 | rBV | 63240 | 50411 | 1.67% | 0.186% |
| 5 | 5.457 | 568 | 573 | 576 | rVB | 2700051 | 2643847 | 87.66% | 9.777% |
| 6 | 5.675 | 603 | 610 | 614 | rBV2 | 68717 | 83399 | 2.77% | 0.308% |
| 7 | 6.457 | 735 | 743 | 746 | rBV | 2615069 | 2627682 | 87.13% | 9.718% |
| 8 | 6.651 | 772 | 776 | 782 | rBV2 | 107549 | 121392 | 4.02% | 0.449% |
| 9 | 6.822 | 801 | 805 | 808 | rBV | 1104865 | 855325 | 28.36% | 3.163% |
| 10 | 7.081 | 845 | 849 | 855 | rVB2 | 55353 | 60604 | 2.01% | 0.224% |
| 11 | 7.386 | 896 | 901 | 904 | rVB | 1967856 | 1704896 | 56.53% | 6.305% |
| 12 | 8.104 | 1019 | 1023 | 1025 | rBV | 1417072 | 1214358 | 40.26% | 4.491% |
| 13 | 8.122 | 1025 | 1026 | 1030 | rVB | 747845 | 479307 | 15.89% | 1.773% |
| 14 | 8.692 | 1120 | 1123 | 1126 | rVB2 | 34229 | 33287 | 1.10% | 0.123% |
| 15 | 8.816 | 1141 | 1144 | 1147 | rVB | 222754 | 161603 | 5.36% | 0.598% |
| 16 | 8.916 | 1157 | 1161 | 1165 | rVB | 111261 | 89449 | 2.97% | 0.331% |
| 17 | 9.180 | 1202 | 1206 | 1210 | rBV | 3330620 | 3015982 | 100.00% | 11.154% |
| 18 | 9.298 | 1224 | 1226 | 1229 | rVB | 43141 | 35404 | 1.17% | 0.131% |
| 19 | 9.445 | 1248 | 1251 | 1255 | rVB2 | 33159 | 40091 | 1.33% | 0.148% |
| 20 | 9.516 | 1261 | 1263 | 1266 | rBV | 37346 | 41763 | 1.38% | 0.154% |
| 21 | 9.551 | 1266 | 1269 | 1273 | rVV2 | 140888 | 149695 | 4.96% | 0.554% |
| 22 | 9.722 | 1293 | 1298 | 1302 | rVB4 | 49941 | 59639 | 1.98% | 0.221% |
| 23 | 9.863 | 1318 | 1322 | 1325 | rVB | 1529727 | 1186108 | 39.33% | 4.386% |
| 24 | 10.069 | 1353 | 1357 | 1360 | rBV3 | 89988 | 88869 | 2.95% | 0.329% |
| 25 | 10.104 | 1360 | 1363 | 1366 | rVB | 45406 | 34237 | 1.14% | 0.127% |
| 26 | 10.398 | 1408 | 1413 | 1416 | rBV3 | 54176 | 61434 | 2.04% | 0.227% |
| 27 | 10.651 | 1452 | 1456 | 1460 | rBV | 2093796 | 1799729 | 59.67% | 6.656% |
| 28 | 10.780 | 1474 | 1478 | 1485 | rBV5 | 35830 | 47961 | 1.59% | 0.177% |
| 29 | 10.880 | 1492 | 1495 | 1499 | rBV | 28303 | 32207 | 1.07% | 0.119% |
| 30 | 10.945 | 1503 | 1506 | 1507 | rBV | 41737 | 38788 | 1.29% | 0.143% |
| 31 | 10.980 | 1510 | 1512 | 1516 | rVB3 | 28192 | 33398 | 1.11% | 0.124% |
| 32 | 11.251 | 1556 | 1558 | 1565 | rVB3 | 20089 | 34522 | 1.14% | 0.128% |
| 33 | 11.351 | 1572 | 1575 | 1578 | rBV | 1178419 | 1112035 | 36.87% | 4.112% |
| 34 | 11.374 | 1578 | 1579 | 1583 | rVV | 243823 | 163829 | 5.43% | 0.606% |
| 35 | 11.427 | 1586 | 1588 | 1591 | rVB | 49705 | 37534 | 1.24% | 0.139% |
| 36 | 11.857 | 1658 | 1661 | 1663 | rBV | 85843 | 72879 | 2.42% | 0.270% |

LSC Area Percent Report

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Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
348

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.892 | 1663 | 1667 | 1671 | rVV2 | 509294 | 543500 | 18.02% | 2.010% |
| 38 | 11.969 | 1676 | 1680 | 1682 | rVV | 135147 | 150970 | 5.01% | 0.558% |
| 39 | 11.992 | 1682 | 1684 | 1689 | rVB | 92715 | 76268 | 2.53% | 0.282% |
| 40 | 12.157 | 1709 | 1712 | 1714 | rBV | 52652 | 48865 | 1.62% | 0.181% |
| 41 | 12.410 | 1752 | 1755 | 1758 | rBV | 92598 | 89391 | 2.96% | 0.331% |
| 42 | 12.445 | 1758 | 1761 | 1763 | rVV2 | 47886 | 53675 | 1.78% | 0.198% |
| 43 | 12.492 | 1767 | 1769 | 1774 | rBV3 | 60340 | 71360 | 2.37% | 0.264% |
| 44 | 12.574 | 1779 | 1783 | 1786 | rBV | 338446 | 309125 | 10.25% | 1.143% |
| 45 | 12.686 | 1798 | 1802 | 1807 | rBV3 | 201339 | 223554 | 7.41% | 0.827% |
| 46 | 12.804 | 1816 | 1822 | 1824 | rBV | 411402 | 404292 | 13.40% | 1.495% |
| 47 | 12.957 | 1843 | 1848 | 1851 | rBV | 2527218 | 2316121 | 76.79% | 8.565% |
| 48 | 13.021 | 1856 | 1859 | 1862 | rBV | 62922 | 82851 | 2.75% | 0.306% |
| 49 | 13.115 | 1872 | 1875 | 1876 | rBV3 | 30868 | 36867 | 1.22% | 0.136% |
| 50 | 13.198 | 1886 | 1889 | 1892 | rVB2 | 55494 | 56512 | 1.87% | 0.209% |
| 51 | 13.239 | 1892 | 1896 | 1899 | rBV2 | 90604 | 85179 | 2.82% | 0.315% |
| 52 | 13.333 | 1909 | 1912 | 1914 | rVB | 67160 | 58222 | 1.93% | 0.215% |
| 53 | 13.363 | 1914 | 1917 | 1921 | rVB | 72516 | 58760 | 1.95% | 0.217% |
| 54 | 13.539 | 1945 | 1947 | 1950 | rVB3 | 51039 | 47938 | 1.59% | 0.177% |
| 55 | 13.639 | 1962 | 1964 | 1973 | rVB | 52245 | 58938 | 1.95% | 0.218% |
| 56 | 13.751 | 1980 | 1983 | 1987 | rBV2 | 57385 | 92163 | 3.06% | 0.341% |
| 57 | 13.786 | 1987 | 1989 | 1991 | rVV | 61576 | 56664 | 1.88% | 0.210% |
| 58 | 13.810 | 1991 | 1993 | 1997 | rVV3 | 55898 | 61251 | 2.03% | 0.227% |
| 59 | 13.874 | 2001 | 2004 | 2011 | rVB2 | 134260 | 187735 | 6.22% | 0.694% |
| 60 | 14.010 | 2022 | 2027 | 2030 | rBV3 | 1079082 | 1176793 | 39.02% | 4.352% |
| 61 | 14.033 | 2030 | 2031 | 2037 | rVB | 216628 | 196257 | 6.51% | 0.726% |
| 62 | 14.192 | 2056 | 2058 | 2061 | rVB2 | 48559 | 39335 | 1.30% | 0.145% |
| 63 | 14.398 | 2091 | 2093 | 2097 | rVB | 65209 | 62575 | 2.07% | 0.231% |
| 64 | 14.433 | 2097 | 2099 | 2103 | rVB | 56355 | 48360 | 1.60% | 0.179% |
| 65 | 14.498 | 2108 | 2110 | 2112 | rBV2 | 42047 | 34185 | 1.13% | 0.126% |
| 66 | 14.657 | 2135 | 2137 | 2142 | rVB2 | 45479 | 52471 | 1.74% | 0.194% |
| 67 | 14.815 | 2162 | 2164 | 2171 | rVB2 | 45247 | 62358 | 2.07% | 0.231% |
| 68 | 15.062 | 2202 | 2206 | 2209 | rBV2 | 141245 | 209373 | 6.94% | 0.774% |
| 69 | 15.168 | 2222 | 2224 | 2228 | rVB | 63796 | 73041 | 2.42% | 0.270% |
| 70 | 15.374 | 2255 | 2259 | 2265 | rVB | 102883 | 119550 | 3.96% | 0.442% |
| 71 | 15.433 | 2266 | 2269 | 2276 | rBV | 114109 | 144629 | 4.80% | 0.535% |
| 72 | 15.504 | 2276 | 2281 | 2285 | rBV | 688343 | 783540 | 25.98% | 2.898% |

Sum of corrected areas: 27040603

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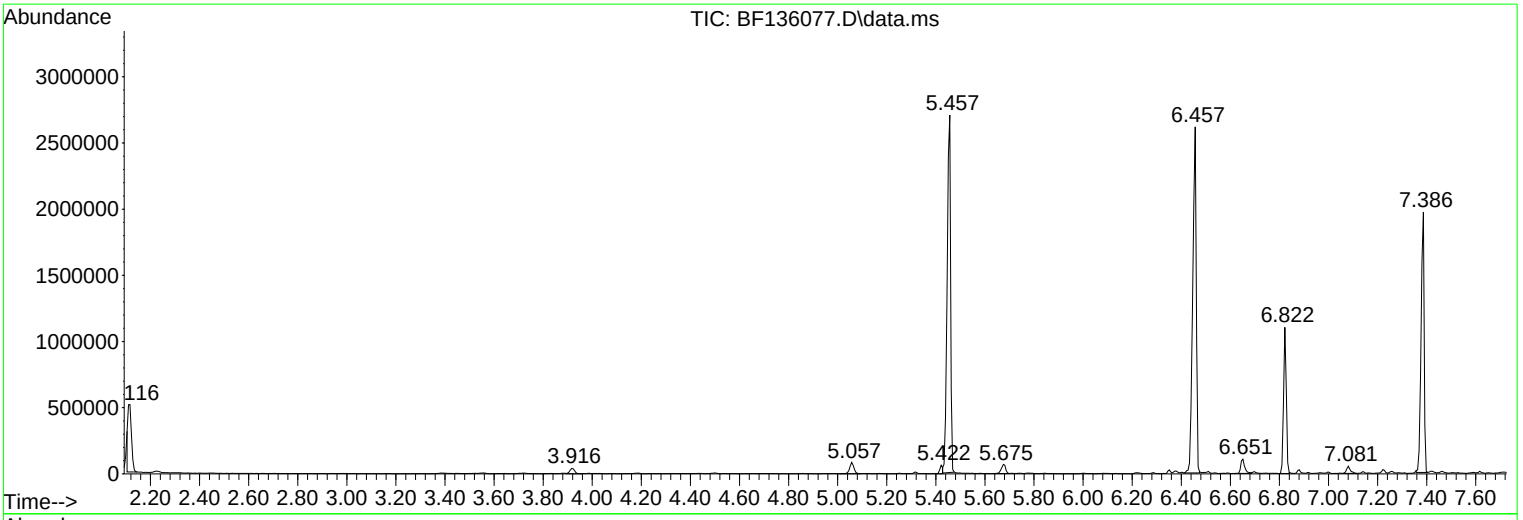
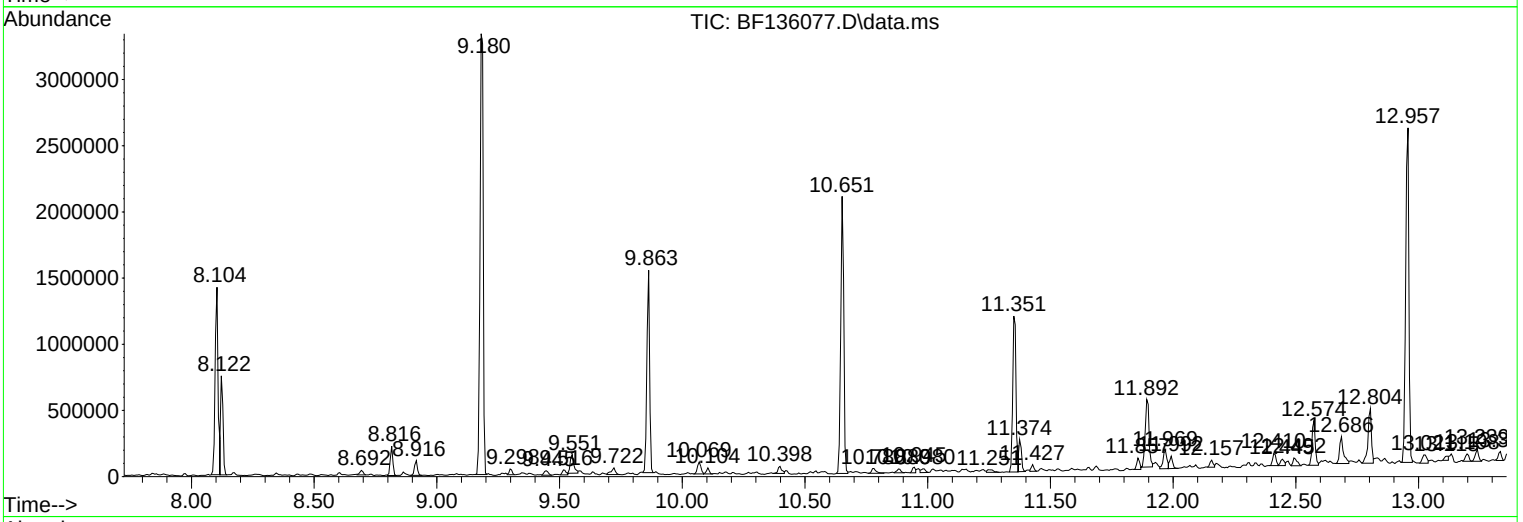
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

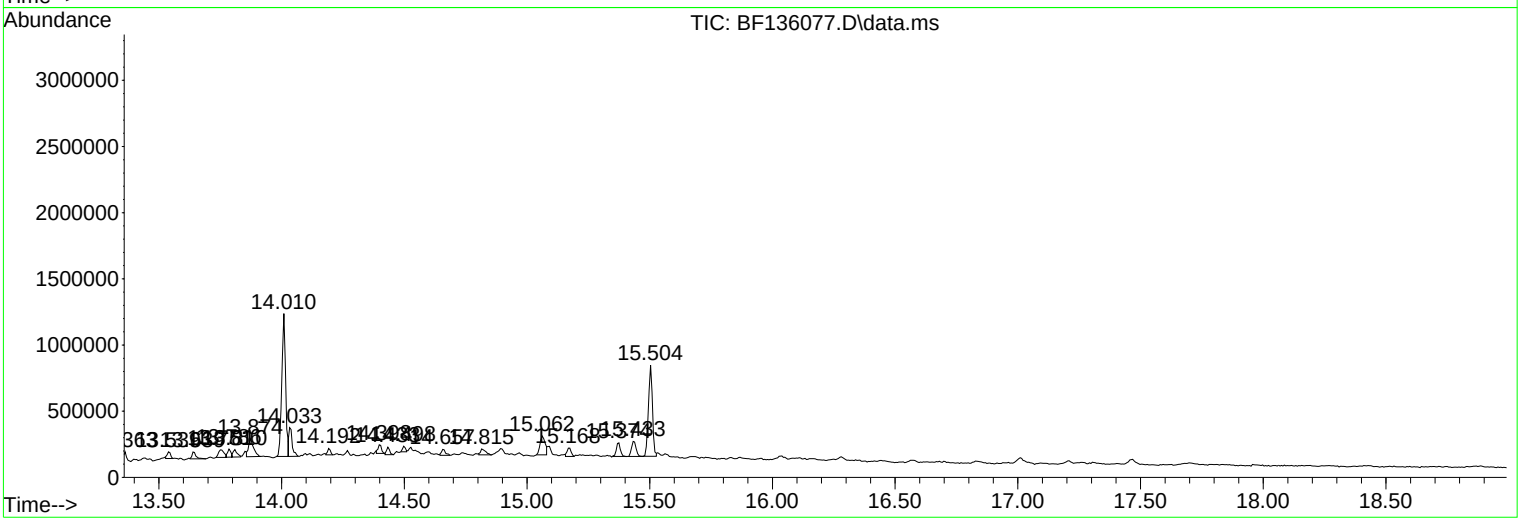
**Instrument :**
BNA_F
**ClientSampleId :**
348

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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\BF110123\
Data File : BF136077.D
Acq On : 01 Nov 2023 15:27
Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
348

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

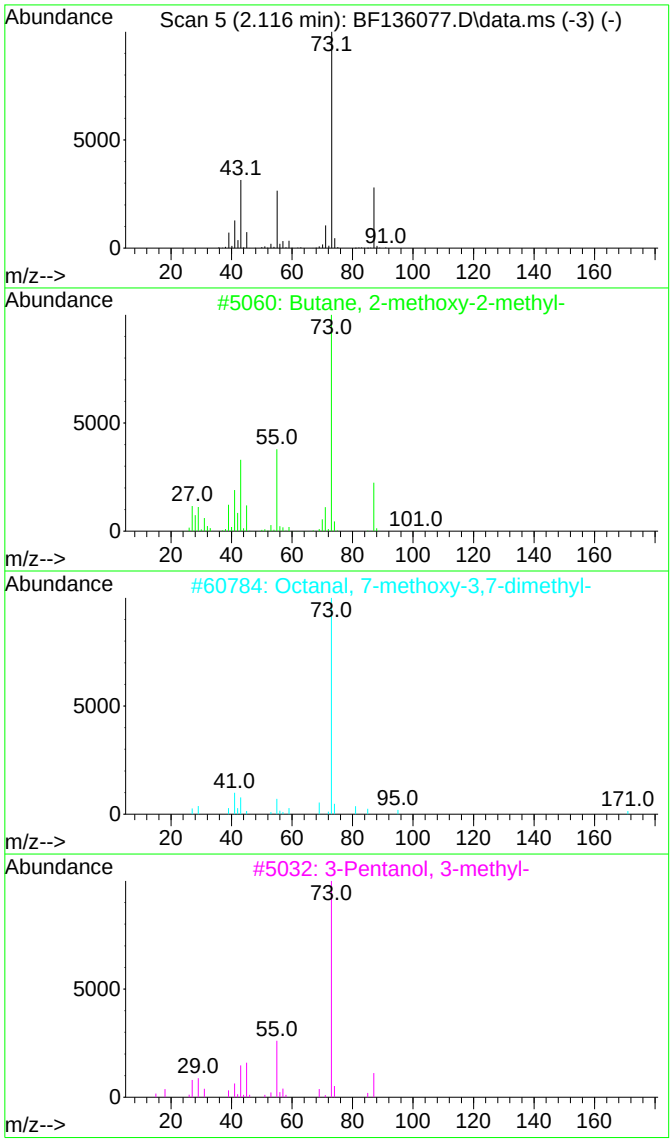
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

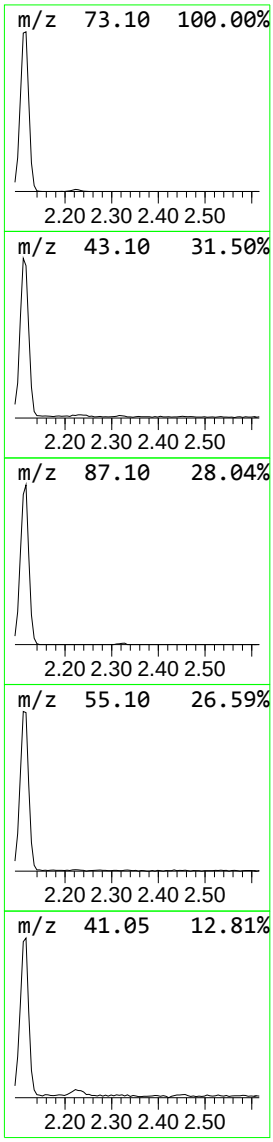
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.116 | 11.70 ng | 500396 | 1,4-Dichlorobenzene-d4 | 6.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 25 |
| 3 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 25 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136077.D
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Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
348

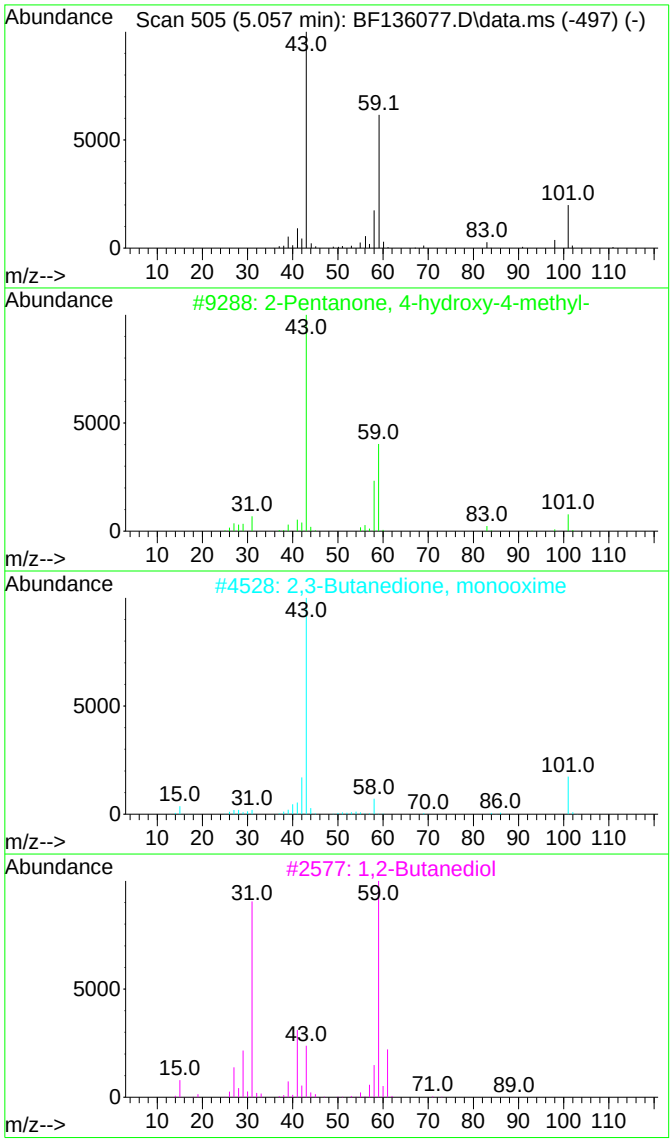
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

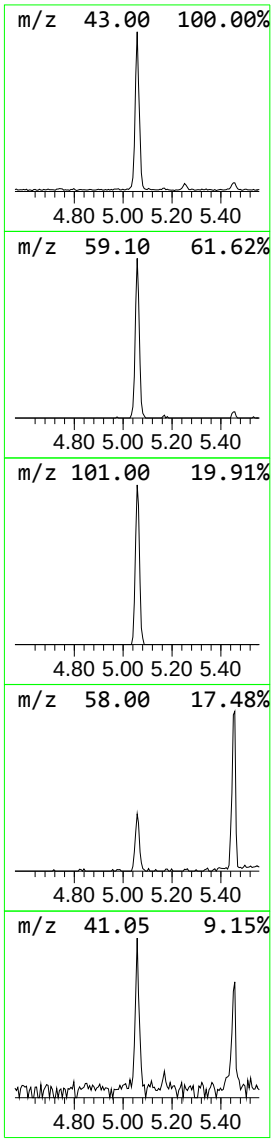
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.057 | 2.37 ng | 101557 | 1,4-Dichlorobenzene-d4 | 6.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 25 |
| 3 | 1,2-Butanediol | 90 | C4H10O2 | 000584-03-2 | 23 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136077.D
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Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

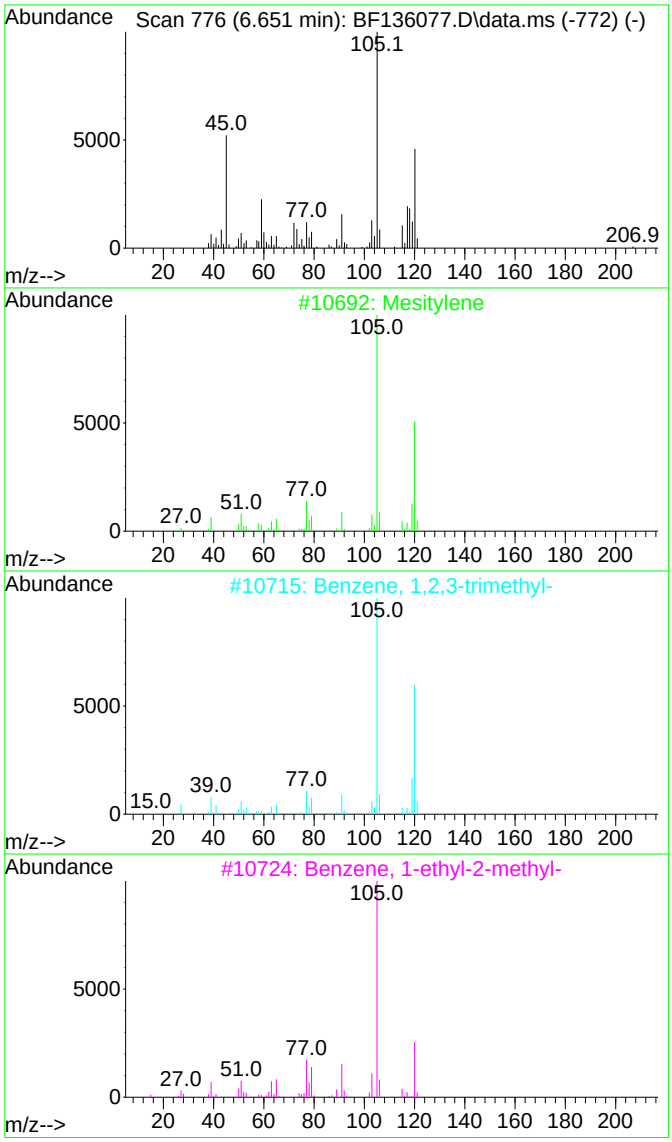
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

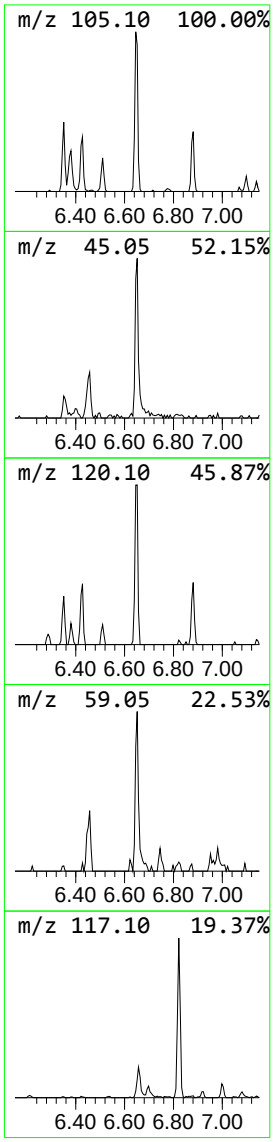
**********

Peak Number 3 unknown6.651 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.651 | 2.84 ng | 121392 | 1,4-Dichlorobenzene-d4 | 6.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 46 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 46 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 42 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 42 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 41 |



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Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
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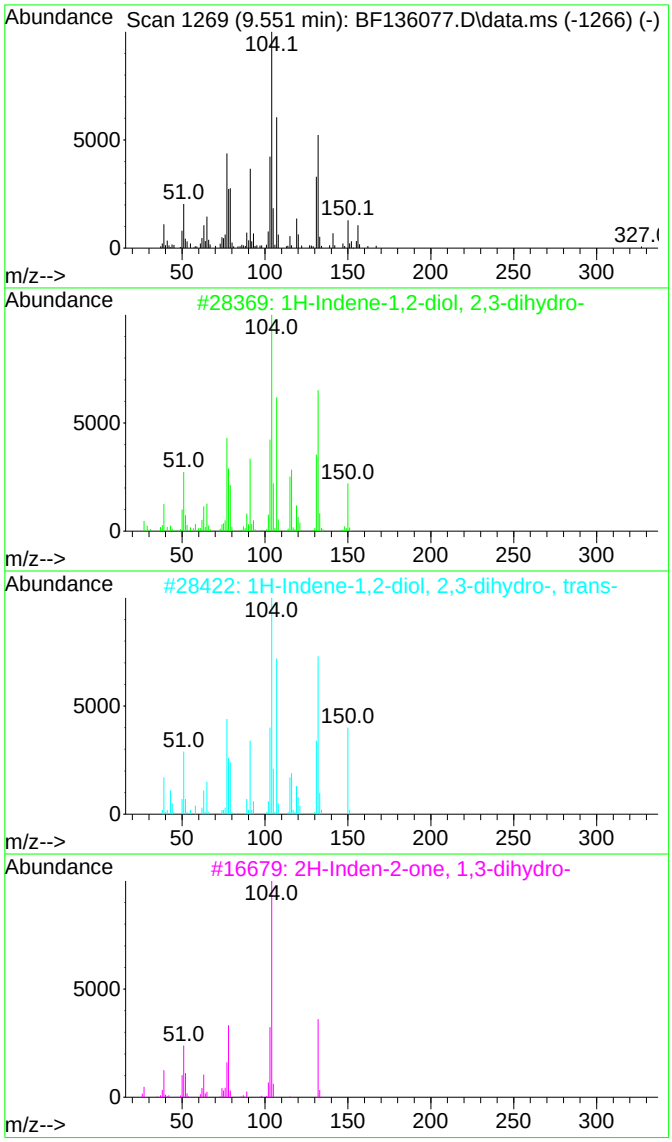
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

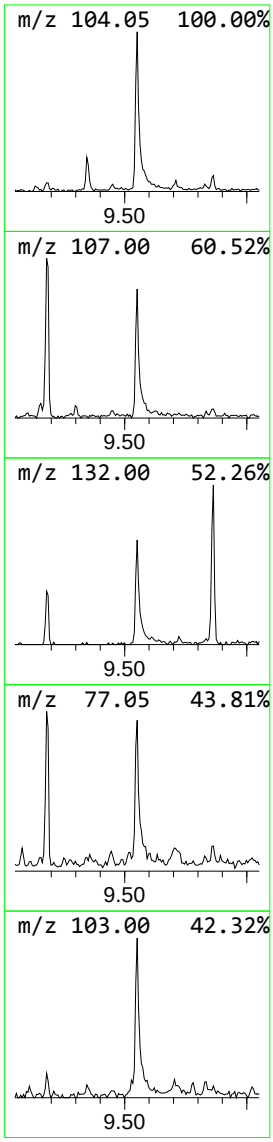
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 1H-Indene-1,2-diol, 2,3-dih... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.551 | 2.52 ng | 149695 | Acenaphthene-d10 | 9.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene-1,2-diol, 2,3-dihydro- | 150 | C9H10O2 | 004370-02-9 | 93 |
| 2 | 1H-Indene-1,2-diol, 2,3-dihydro-... | 150 | C9H10O2 | 004647-43-2 | 90 |
| 3 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 55 |
| 4 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 53 |
| 5 | Indan, epoxide | 132 | C9H8O | 000768-22-9 | 49 |



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Data File : BF136077.D
Acq On : 01 Nov 2023 15:27
Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

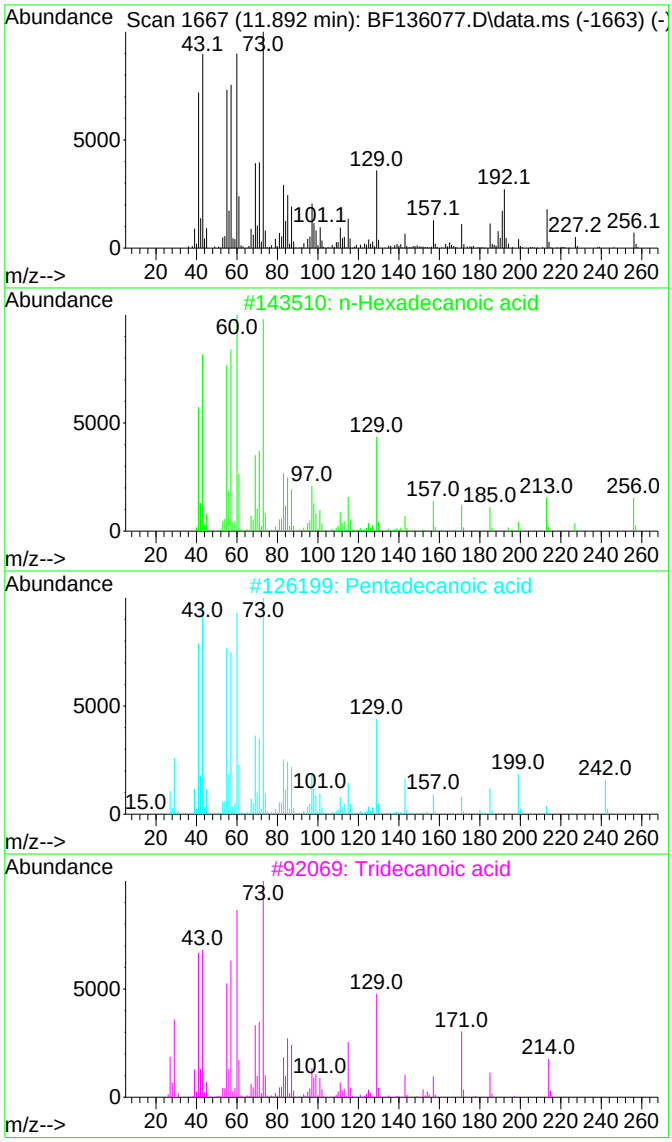
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

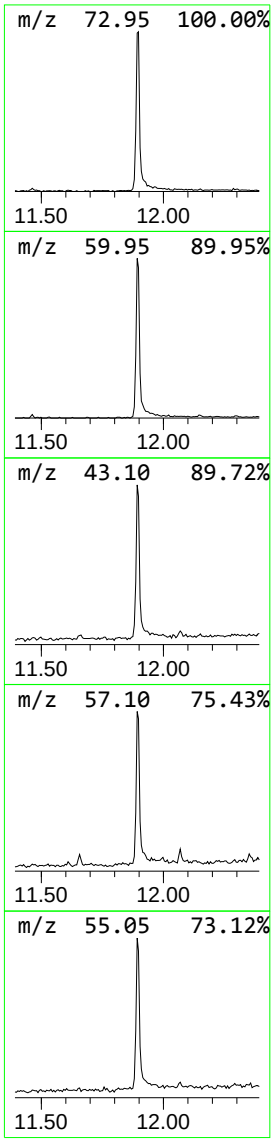
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.892 | 9.77 ng | 543500 | Phenanthrene-d10 | 11.351 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 90 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 5 | 8-Methylnonanoic acid | 172 | C10H20O2 | 005963-14-4 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136077.D
Acq On : 01 Nov 2023 15:27
Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
348

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

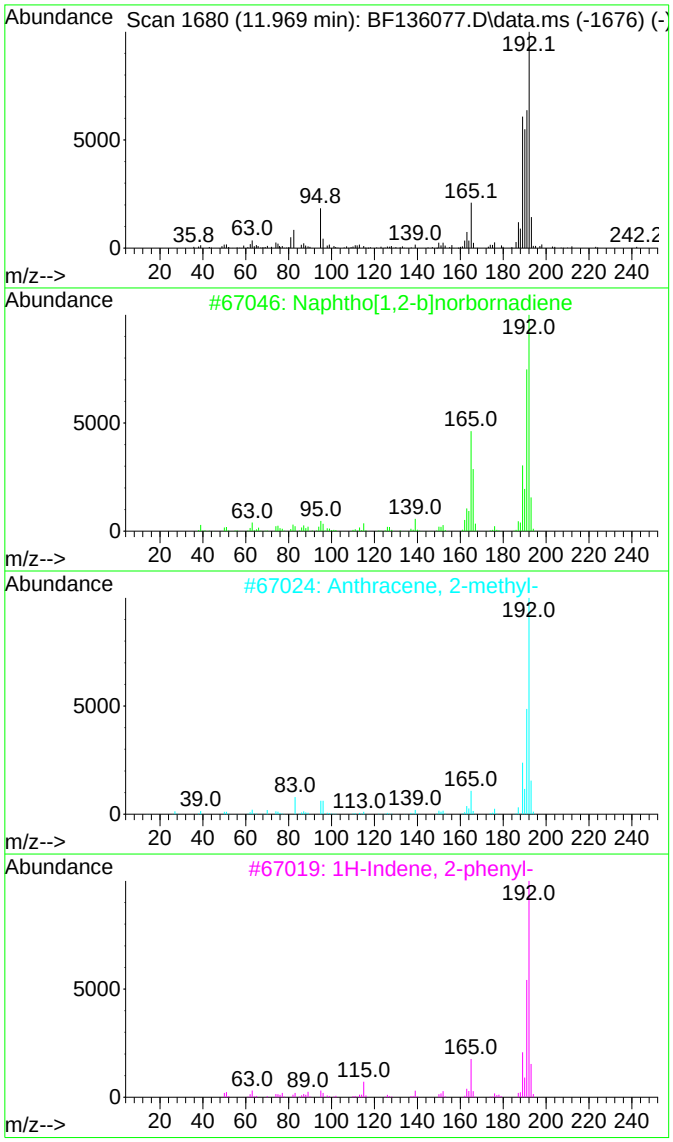
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

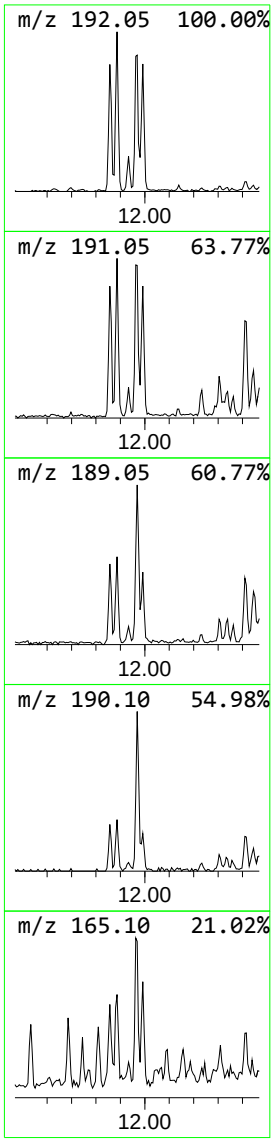
**********

Peak Number 6 Naphtho[1,2-b]norbornadiene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.969 | 2.72 ng | 150970 | Phenanthrene-d10 | 11.351 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[1,2-b]norbornadiene | 192 | C15H12 | 1000210-14-8 | 64 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 60 |
| 3 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 60 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 60 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136077.D
Acq On : 01 Nov 2023 15:27
Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
348

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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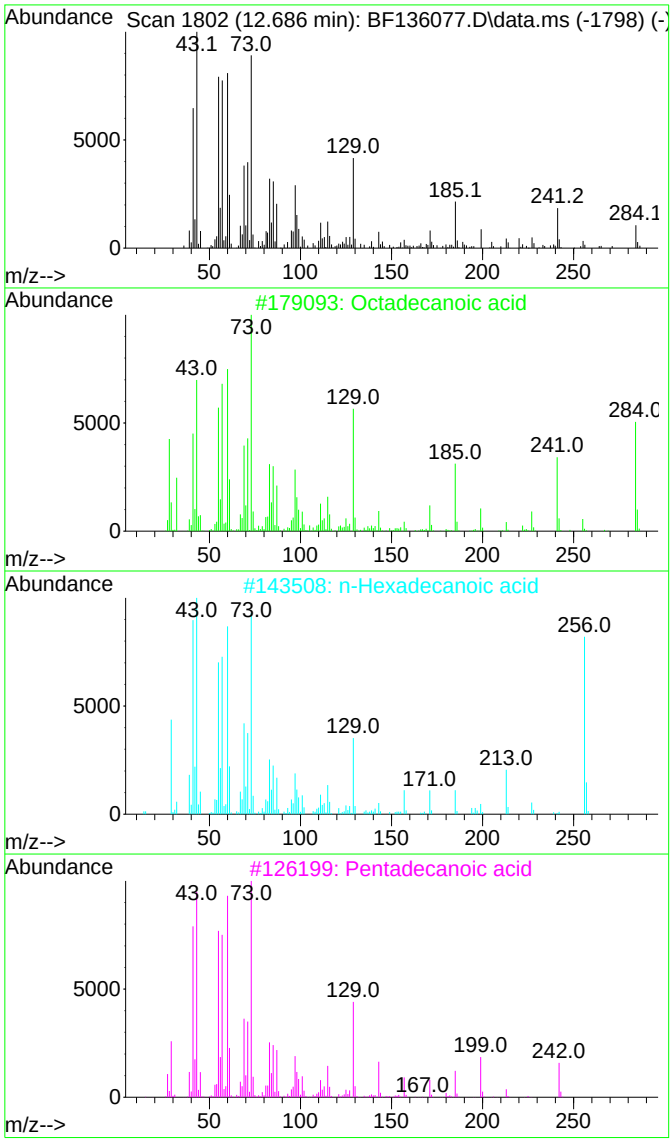
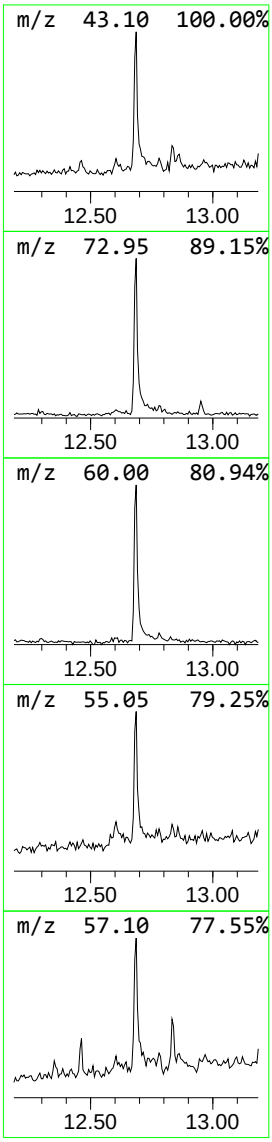
Peak Number 7 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.686 | 3.80 ng | 223554 | Chrysene-d12 | 14.010 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 87 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136077.D
Acq On : 01 Nov 2023 15:27
Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
348

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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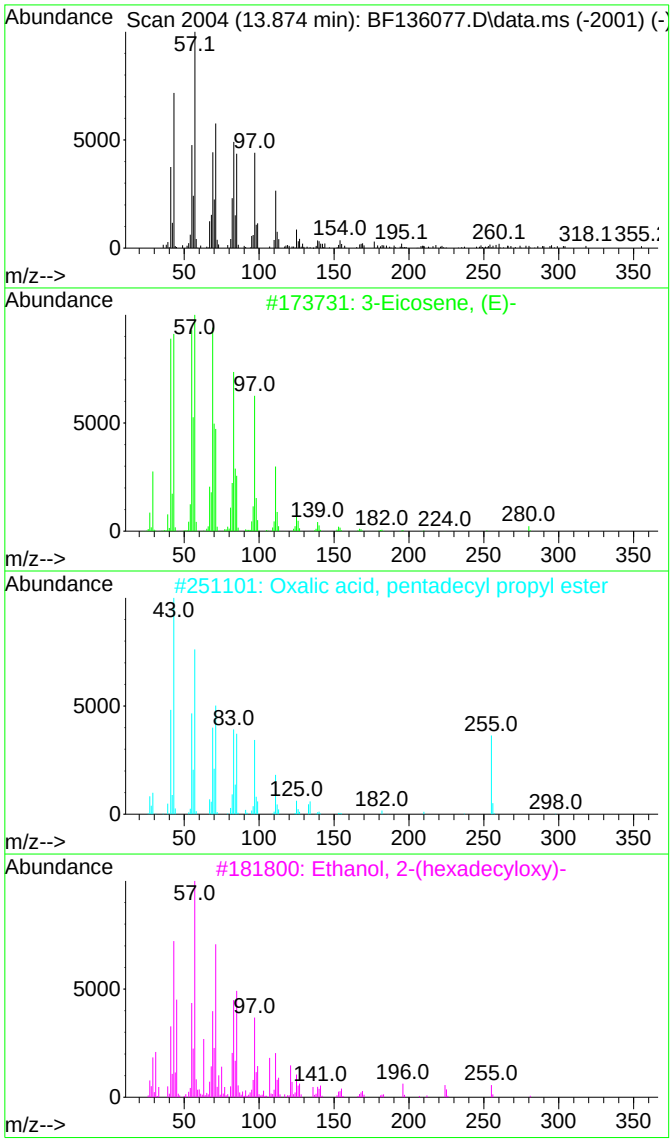
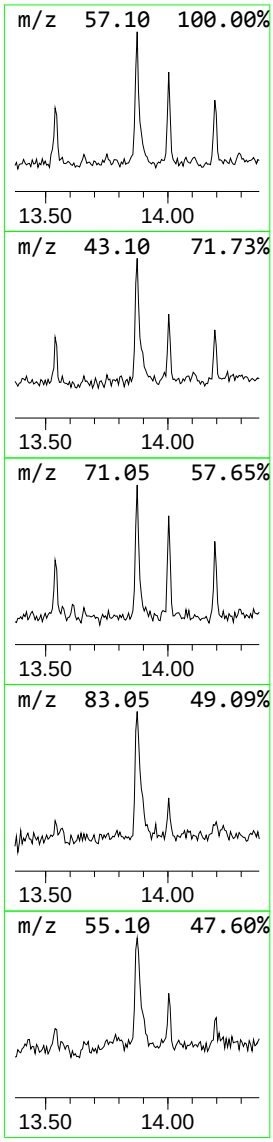
Peak Number 8 3-Eicosene, (E)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 3.19 ng | 187735 | Chrysene-d12 | 14.010 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 92 |
| 2 | Oxalic acid, pentadecyl propyl e... | 342 | C20H38O4 | 1000309-26-8 | 91 |
| 3 | Ethanol, 2-(hexadecyloxy)- | 286 | C18H38O2 | 002136-71-2 | 91 |
| 4 | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 91 |
| 5 | Dotriacontyl heptafluorobutyrate | 662 | C36H65F7O2 | 1000351-84-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136077.D
Acq On : 01 Nov 2023 15:27
Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
348

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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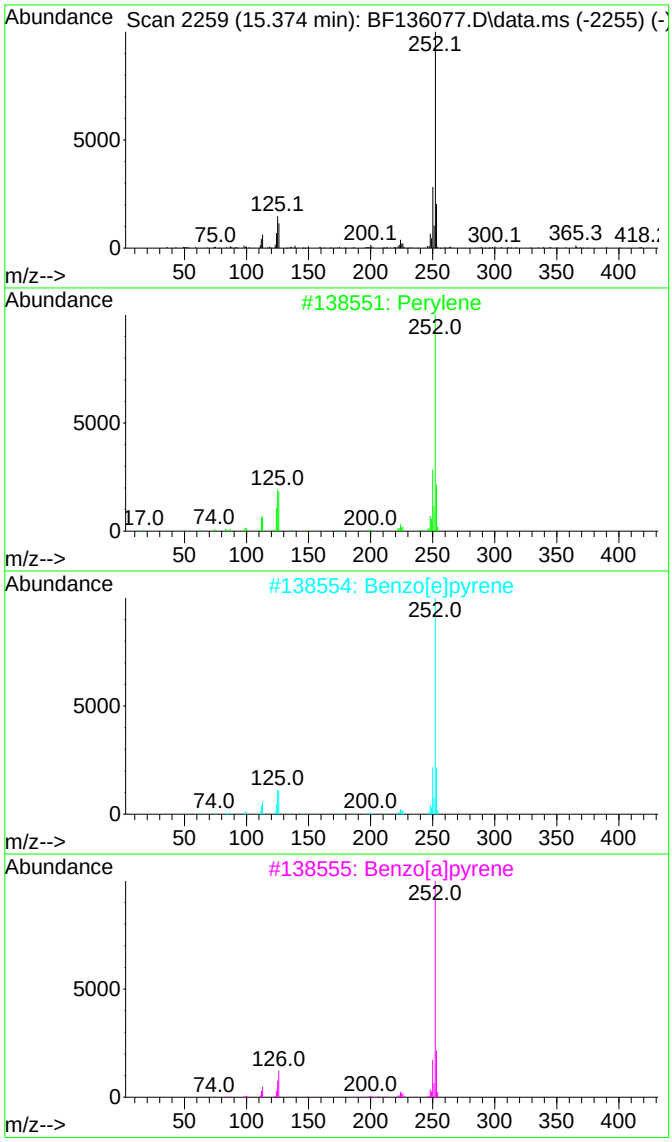
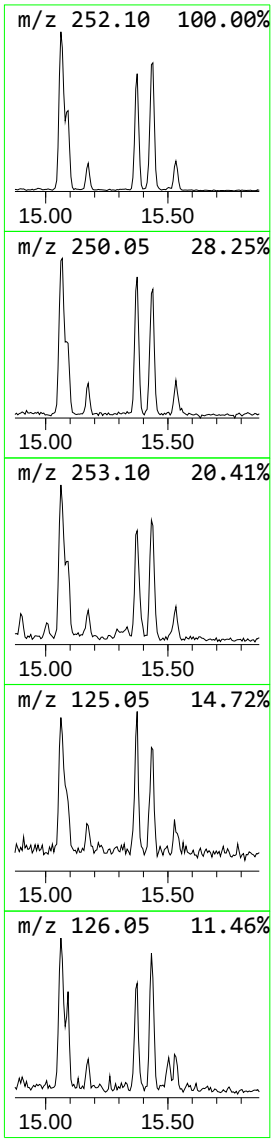
Peak Number 9 Perylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.374 | 3.05 ng | 119550 | Perylene-d12 | 15.504 |

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



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136077.D
Acq On : 01 Nov 2023 15:27
Operator : CG\JU
Sample : 05138-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
348

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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 |
| Butane, 2-metho... | 2.116 | 11.7 | ng | 500396 | 1 | 6.822 | 855325 | 20.0 |
| 2-Pentanone, 4-... | 5.057 | 2.4 | ng | 101557 | 1 | 6.822 | 855325 | 20.0 |
| unknown6.651 | 6.651 | 2.8 | ng | 121392 | 1 | 6.822 | 855325 | 20.0 |
| 1H-Indene-1,2-d... | 9.551 | 2.5 | ng | 149695 | 3 | 9.863 | 1186110 | 20.0 |
| n-Hexadecanoic ... | 11.892 | 9.8 | ng | 543500 | 4 | 11.351 | 1112040 | 20.0 |
| Naphtho[1,2-b]n... | 11.969 | 2.7 | ng | 150970 | 4 | 11.351 | 1112040 | 20.0 |
| Octadecanoic acid | 12.686 | 3.8 | ng | 223554 | 5 | 14.010 | 1176790 | 20.0 |
| 3-Eicosene, (E)- | 13.874 | 3.2 | ng | 187735 | 5 | 14.010 | 1176790 | 20.0 |
| Perylene | 15.374 | 3.0 | ng | 119550 | 6 | 15.504 | 783540 | 20.0 |