LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

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_G\Methods\8270-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050704.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.800 | 385 | 393 | 410 | rBV | 411541 | 755940 | 53.34% | 5.477% |
| 2 | 7.398 | 656 | 665 | 678 | rBV | 450329 | 835054 | 58.93% | 6.050% |
| 3 | 8.255 | 804 | 811 | 822 | rVB2 | 228250 | 405864 | 28.64% | 2.940% |
| 4 | 9.425 | 1002 | 1010 | 1023 | rVB | 291169 | 553910 | 39.09% | 4.013% |
| 5 | 10.465 | 1182 | 1187 | 1192 | rBV6 | 8028 | 14238 | 1.00% | 0.103% |
| 6 | 10.823 | 1241 | 1248 | 1259 | rBV | 50077 | 100075 | 7.06% | 0.725% |
| 7 | 11.017 | 1276 | 1281 | 1285 | rBV | 23913 | 40629 | 2.87% | 0.294% |
| 8 | 11.082 | 1285 | 1292 | 1298 | rVV | 302277 | 554212 | 39.11% | 4.015% |
| 9 | 11.205 | 1306 | 1313 | 1320 | rVB5 | 10488 | 24185 | 1.71% | 0.175% |
| 10 | 11.757 | 1399 | 1407 | 1412 | rBV10 | 9172 | 21150 | 1.49% | 0.153% |
| 11 | 11.892 | 1423 | 1430 | 1435 | rBV9 | 7279 | 17412 | 1.23% | 0.126% |
| 12 | 12.057 | 1453 | 1458 | 1463 | rVB3 | 12450 | 22872 | 1.61% | 0.166% |
| 13 | 12.251 | 1484 | 1491 | 1497 | rVB5 | 16240 | 30965 | 2.19% | 0.224% |
| 14 | 12.445 | 1518 | 1524 | 1531 | rBV | 49764 | 78406 | 5.53% | 0.568% |
| 15 | 12.721 | 1566 | 1571 | 1577 | rVB | 16484 | 26749 | 1.89% | 0.194% |
| 16 | 12.938 | 1602 | 1608 | 1609 | rBV | 17999 | 29193 | 2.06% | 0.211% |
| 17 | 13.244 | 1658 | 1660 | 1668 | rVB7 | 10908 | 20097 | 1.42% | 0.146% |
| 18 | 13.385 | 1679 | 1684 | 1689 | rBV5 | 17499 | 29315 | 2.07% | 0.212% |
| 19 | 13.496 | 1696 | 1703 | 1713 | rVB | 659606 | 1046333 | 73.84% | 7.580% |
| 20 | 13.673 | 1724 | 1733 | 1738 | rBV | 71191 | 119314 | 8.42% | 0.864% |
| 21 | 13.814 | 1753 | 1757 | 1762 | rVB5 | 12532 | 20216 | 1.43% | 0.146% |
| 22 | 14.049 | 1787 | 1797 | 1803 | rBV5 | 16766 | 50074 | 3.53% | 0.363% |
| 23 | 14.190 | 1816 | 1821 | 1826 | rVB3 | 26749 | 42839 | 3.02% | 0.310% |
| 24 | 14.243 | 1826 | 1830 | 1834 | rVB5 | 19257 | 29105 | 2.05% | 0.211% |
| 25 | 14.290 | 1834 | 1838 | 1841 | rBV3 | 30364 | 47035 | 3.32% | 0.341% |
| 26 | 14.319 | 1841 | 1843 | 1847 | rVB3 | 27967 | 34540 | 2.44% | 0.250% |
| 27 | 14.372 | 1847 | 1852 | 1856 | rBV3 | 12284 | 22017 | 1.55% | 0.160% |
| 28 | 14.431 | 1858 | 1862 | 1870 | rVB4 | 18379 | 35419 | 2.50% | 0.257% |
| 29 | 14.607 | 1886 | 1892 | 1896 | rBV7 | 17702 | 40758 | 2.88% | 0.295% |
| 30 | 14.695 | 1903 | 1907 | 1910 | rBV5 | 19077 | 26409 | 1.86% | 0.191% |
| 31 | 14.736 | 1910 | 1914 | 1920 | rVB | 71733 | 92559 | 6.53% | 0.671% |
| 32 | 14.871 | 1931 | 1937 | 1945 | rVB | 419067 | 695459 | 49.08% | 5.038% |
| 33 | 14.942 | 1945 | 1949 | 1955 | rBV9 | 13084 | 27128 | 1.91% | 0.197% |
| 34 | 15.077 | 1966 | 1972 | 1976 | rBV8 | 12311 | 26988 | 1.90% | 0.196% |
| 35 | 15.183 | 1984 | 1990 | 1993 | rBV8 | 8872 | 18810 | 1.33% | 0.136% |
| 36 | 15.347 | 2012 | 2018 | 2021 | rBV4 | 19800 | 34776 | 2.45% | 0.252% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

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_G\Methods\8270-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.412 | 2027 | 2029 | 2033 | rVB4 | 11861 | 14261 | 1.01% | 0.103% |
| 38 | 15.482 | 2036 | 2041 | 2045 | rBV6 | 16609 | 36041 | 2.54% | 0.261% |
| 39 | 15.576 | 2054 | 2057 | 2062 | rVB6 | 11327 | 19336 | 1.36% | 0.140% |
| 40 | 15.653 | 2066 | 2070 | 2071 | rVV3 | 18777 | 26085 | 1.84% | 0.189% |
| 41 | 15.682 | 2071 | 2075 | 2080 | rVB | 90686 | 118039 | 8.33% | 0.855% |
| 42 | 15.911 | 2111 | 2114 | 2120 | rVB5 | 11685 | 17358 | 1.22% | 0.126% |
| 43 | 16.082 | 2138 | 2143 | 2148 | rVB2 | 26774 | 45172 | 3.19% | 0.327% |
| 44 | 16.305 | 2177 | 2181 | 2184 | rBV6 | 15008 | 19034 | 1.34% | 0.138% |
| 45 | 16.358 | 2184 | 2190 | 2198 | rBV | 366504 | 612772 | 43.24% | 4.439% |
| 46 | 16.540 | 2217 | 2221 | 2232 | rBV | 87379 | 190684 | 13.46% | 1.381% |
| 47 | 17.051 | 2304 | 2308 | 2314 | rBV8 | 12960 | 24716 | 1.74% | 0.179% |
| 48 | 17.333 | 2352 | 2356 | 2361 | rBV | 81056 | 106459 | 7.51% | 0.771% |
| 49 | 17.386 | 2361 | 2365 | 2370 | rVV2 | 28568 | 43913 | 3.10% | 0.318% |
| 50 | 17.615 | 2398 | 2404 | 2409 | rBV | 440507 | 721596 | 50.92% | 5.228% |
| 51 | 17.662 | 2409 | 2412 | 2417 | rVB | 68152 | 96946 | 6.84% | 0.702% |
| 52 | 18.073 | 2478 | 2482 | 2487 | rBV | 69915 | 91866 | 6.48% | 0.666% |
| 53 | 18.250 | 2507 | 2512 | 2519 | rVB | 520547 | 656993 | 46.36% | 4.760% |
| 54 | 18.761 | 2595 | 2599 | 2602 | rVB | 61054 | 68499 | 4.83% | 0.496% |
| 55 | 19.378 | 2699 | 2704 | 2707 | rBV2 | 874288 | 1204675 | 85.01% | 8.728% |
| 56 | 19.413 | 2707 | 2710 | 2719 | rVB | 1052288 | 1417093 | 100.00% | 10.266% |
| 57 | 19.536 | 2727 | 2731 | 2736 | rBV | 242766 | 305093 | 21.53% | 2.210% |
| 58 | 19.660 | 2747 | 2752 | 2758 | rBV | 100518 | 175407 | 12.38% | 1.271% |
| 59 | 20.018 | 2810 | 2813 | 2818 | rVB | 98766 | 139219 | 9.82% | 1.009% |
| 60 | 20.206 | 2840 | 2845 | 2850 | rVB | 838301 | 1082561 | 76.39% | 7.843% |
| 61 | 21.922 | 3131 | 3137 | 3143 | rBV | 320902 | 599278 | 42.29% | 4.342% |

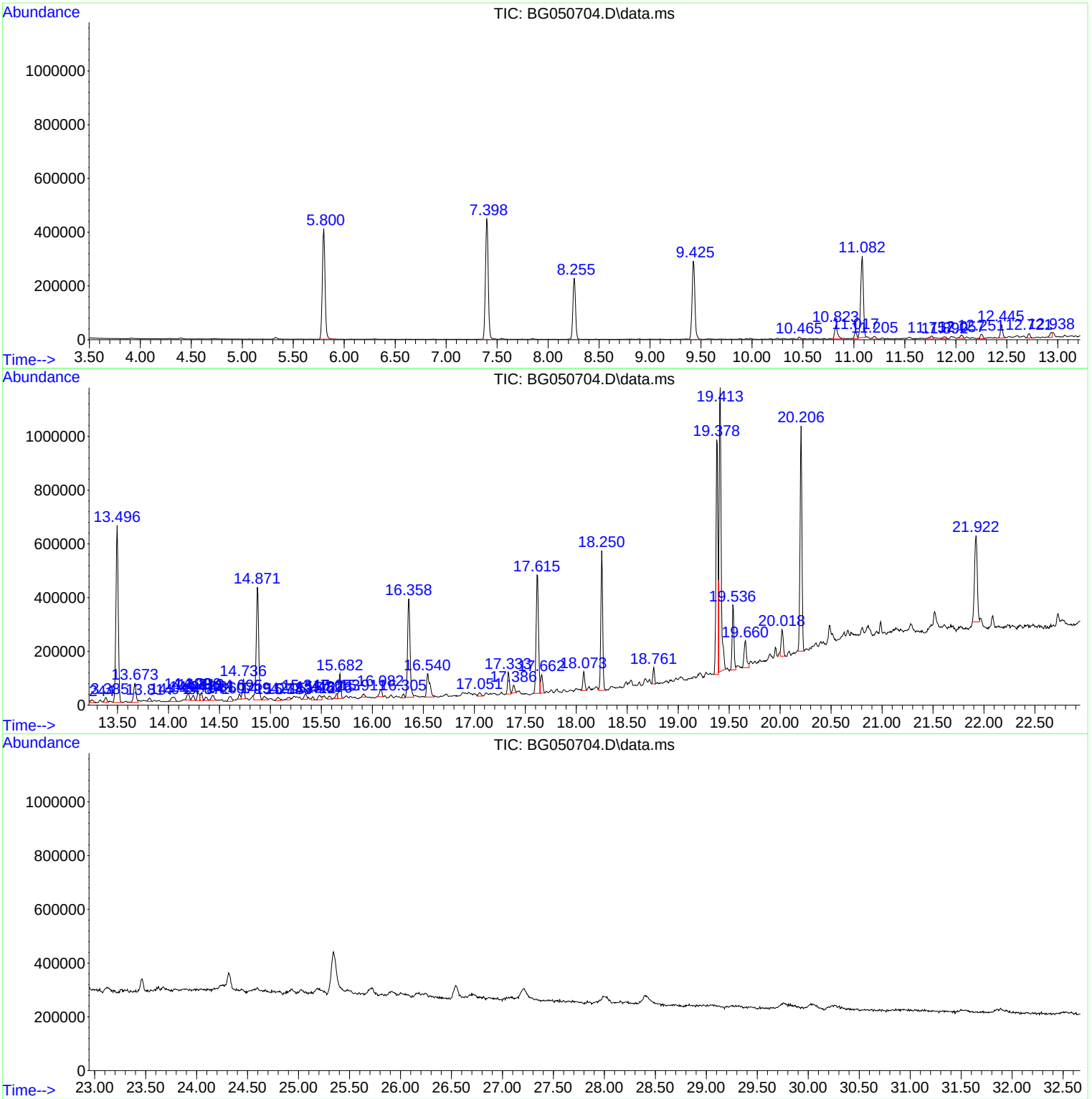
Sum of corrected areas: 13803141

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

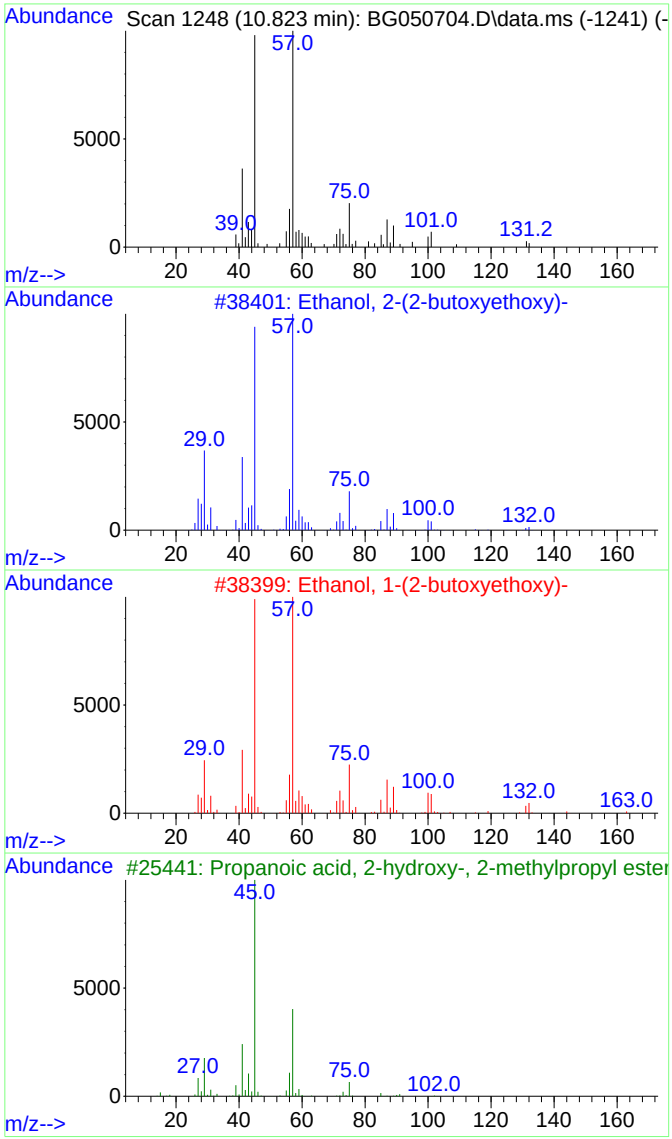
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

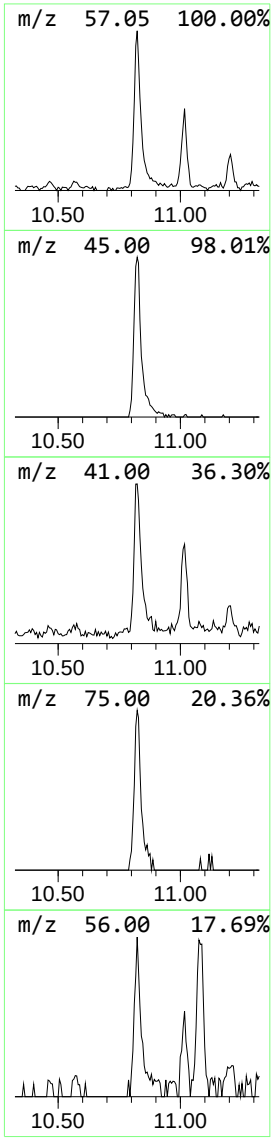
**********

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.823 | 3.61 ng | 100075 | Naphthalene-d8 | 11.082 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 3 | Propanoic acid, 2-hydroxy-, 2-me... | 146 | C7H14O3 | 000585-24-0 | 59 |
| 4 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 50 |
| 5 | Butane, 1-(1-methylpropoxy)- | 130 | C8H18O | 000999-65-5 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

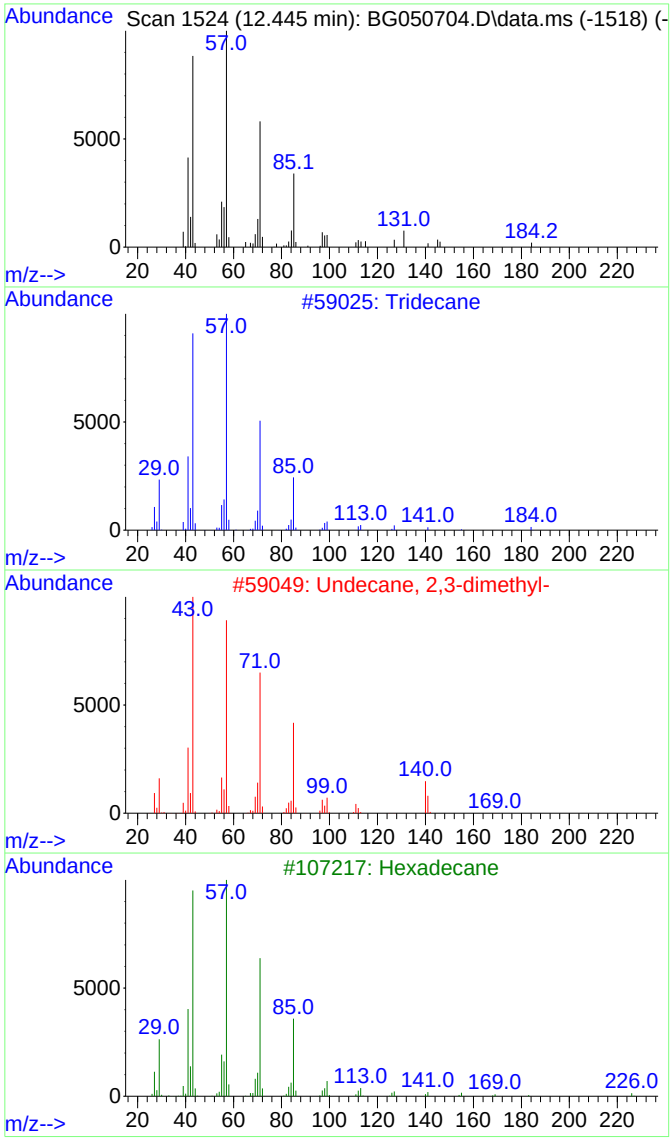
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

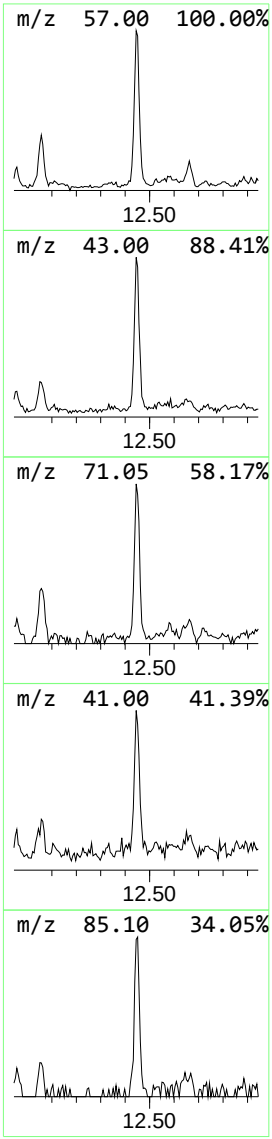
**********

Peak Number 2 Tridecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.445 | 2.83 ng | 78406 | Naphthalene-d8 | 11.082 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 95 |
| 2 | Undecane, 2,3-dimethyl- | 184 | C13H28 | 017312-77-5 | 80 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 4 | Carbonic acid, tetradecyl vinyl ... | 284 | C17H32O3 | 1000382-54-5 | 72 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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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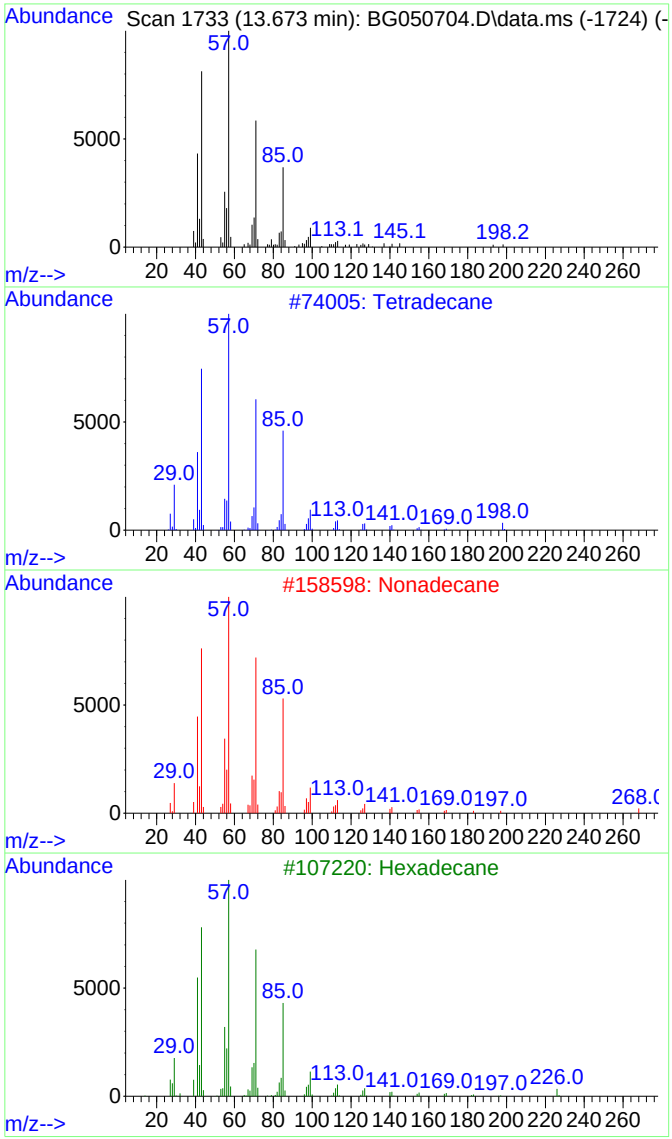
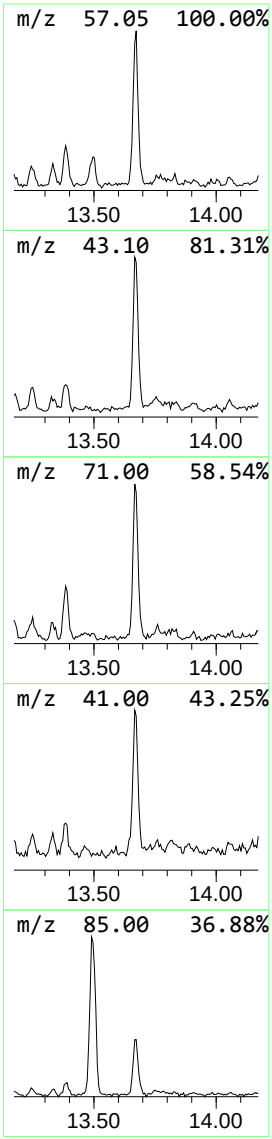
Peak Number 3 Tetradecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.673 | 3.43 ng | 119314 | Acenaphthene-d10 | 14.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 90 |
| 5 | Tridecane, 7-methyl- | 198 | C14H30 | 026730-14-3 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

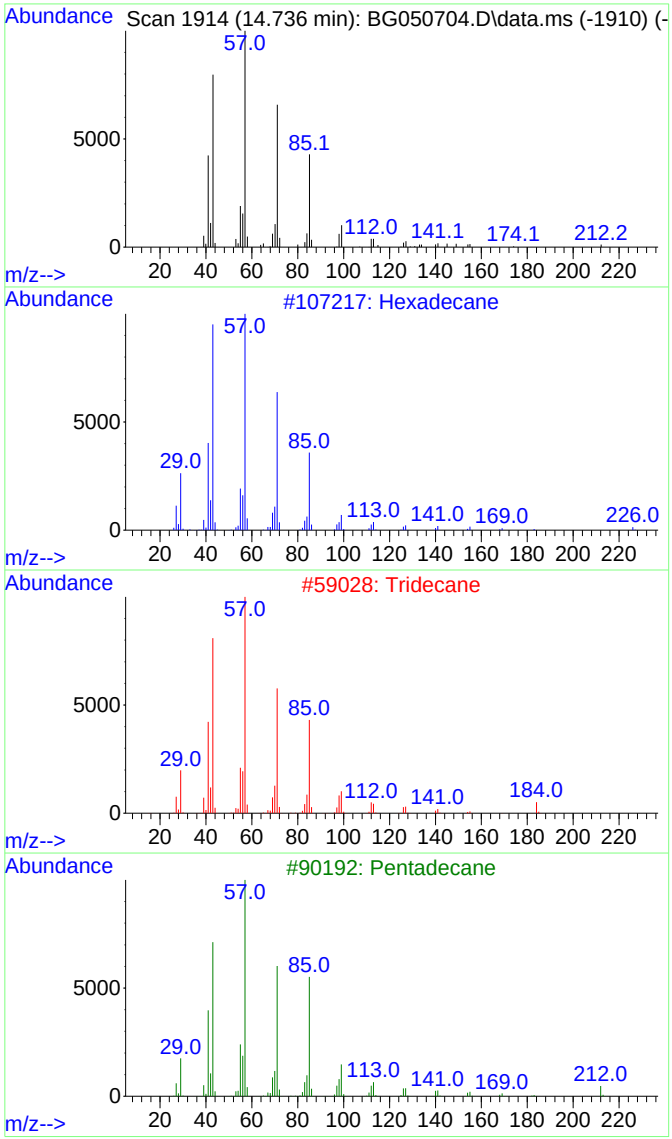
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

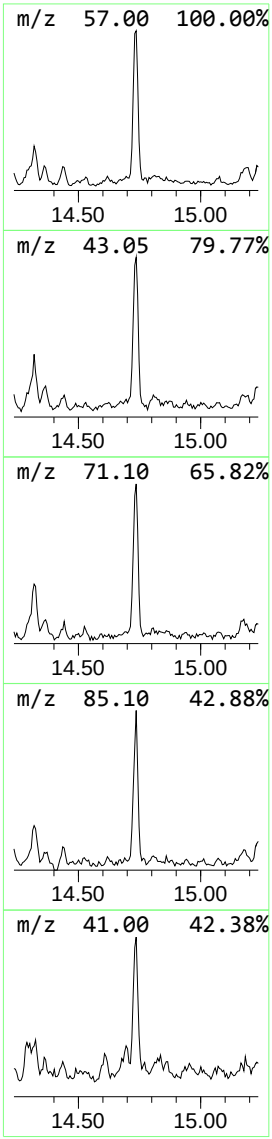
**********

Peak Number 4 Hexadecane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.736 | 2.66 ng | 92559 | Acenaphthene-d10 | 14.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 91 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 5 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

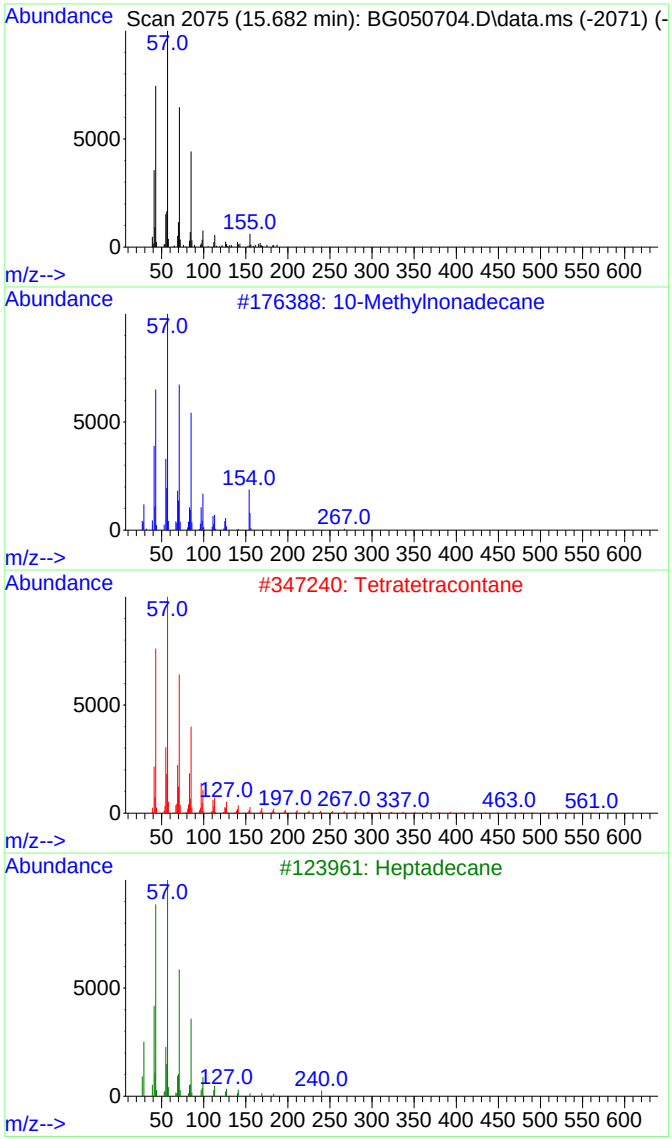
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

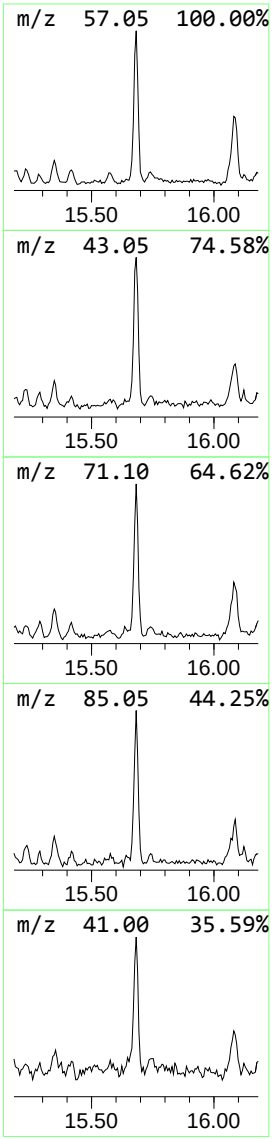
**********

Peak Number 5 10-Methylnonadecane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.682 | 3.39 ng | 118039 | Acenaphthene-d10 | 14.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 90 |
| 2 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 83 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 78 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 5 | Decane, 2,3,8-trimethyl- | 184 | C13H28 | 062238-14-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

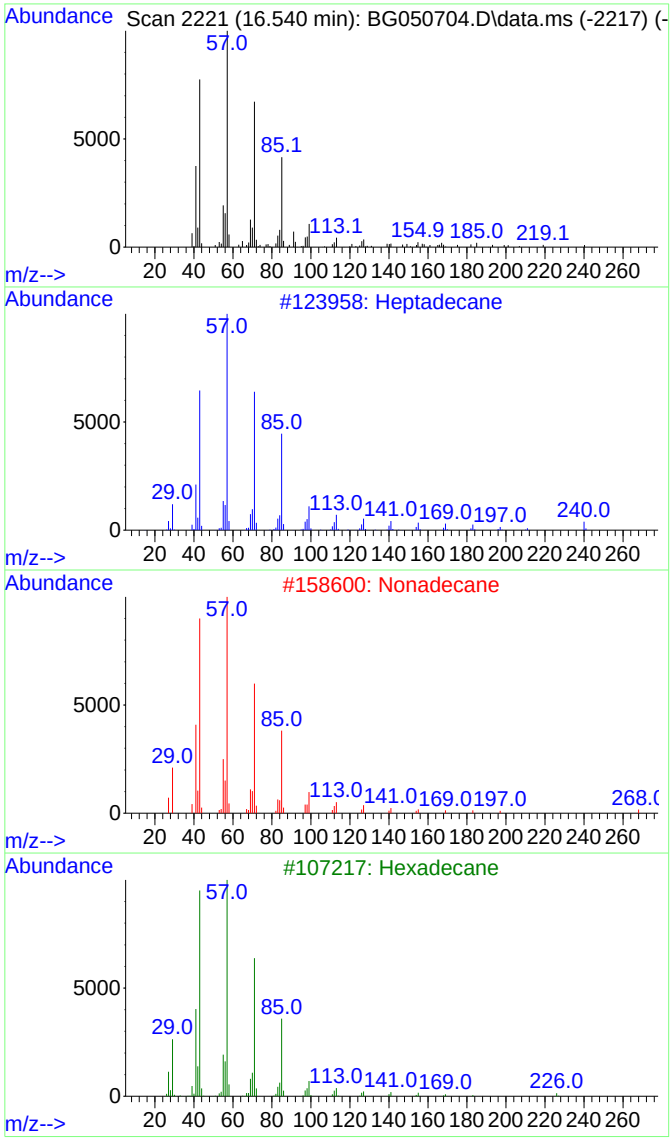
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

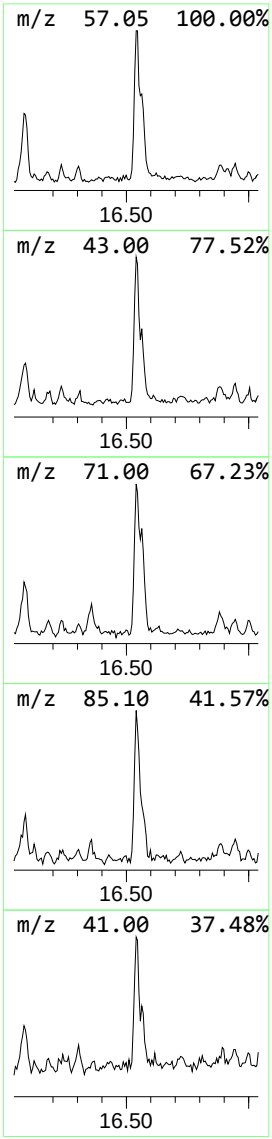
**********

Peak Number 6 Heptadecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.540 | 5.29 ng | 190684 | Phenanthrene-d10 | 17.621 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

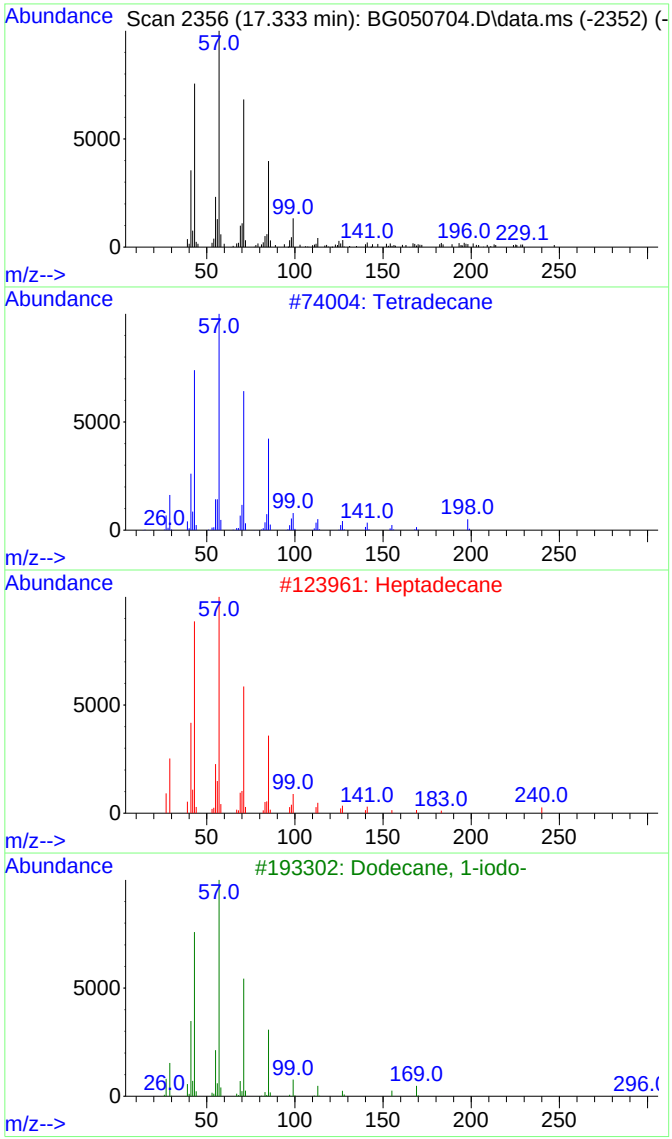
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

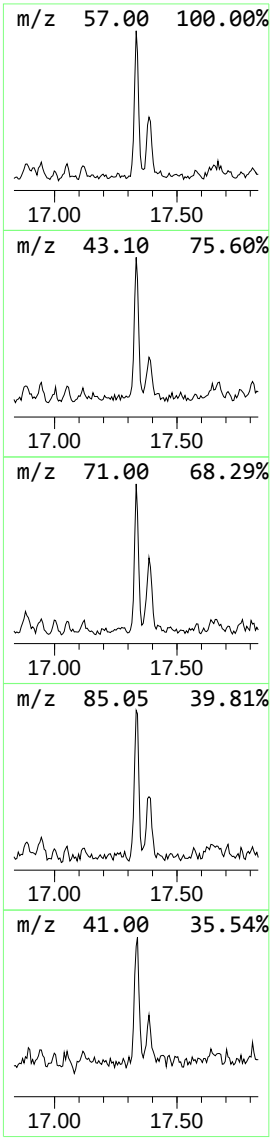
**********

Peak Number 7 Dodecane, 1-iodo- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.333 | 2.95 ng | 106459 | Phenanthrene-d10 | 17.621 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 93 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |
| 3 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 86 |
| 4 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 86 |
| 5 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

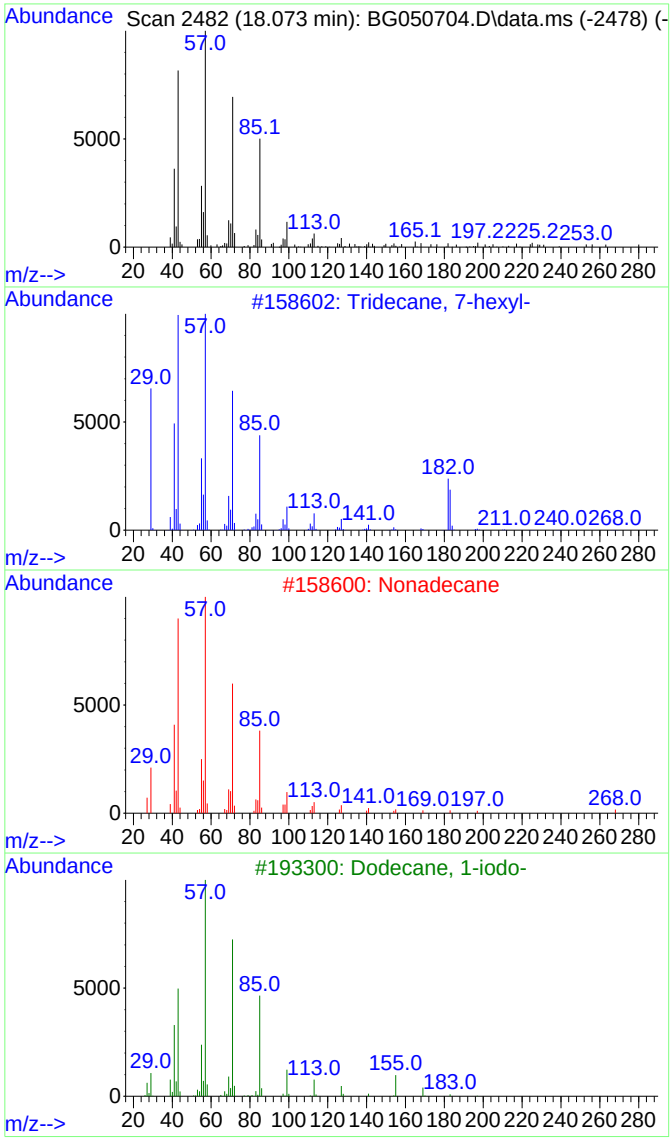
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

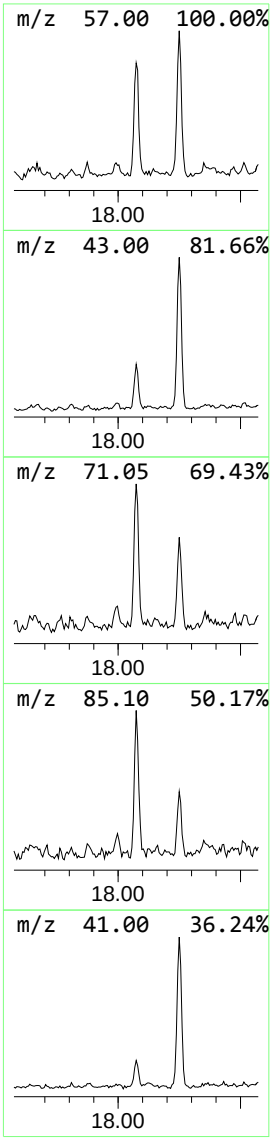
**********

Peak Number 8 Tridecane, 7-hexyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.073 | 2.55 ng | 91866 | Phenanthrene-d10 | 17.621 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 87 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 3 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 86 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 86 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

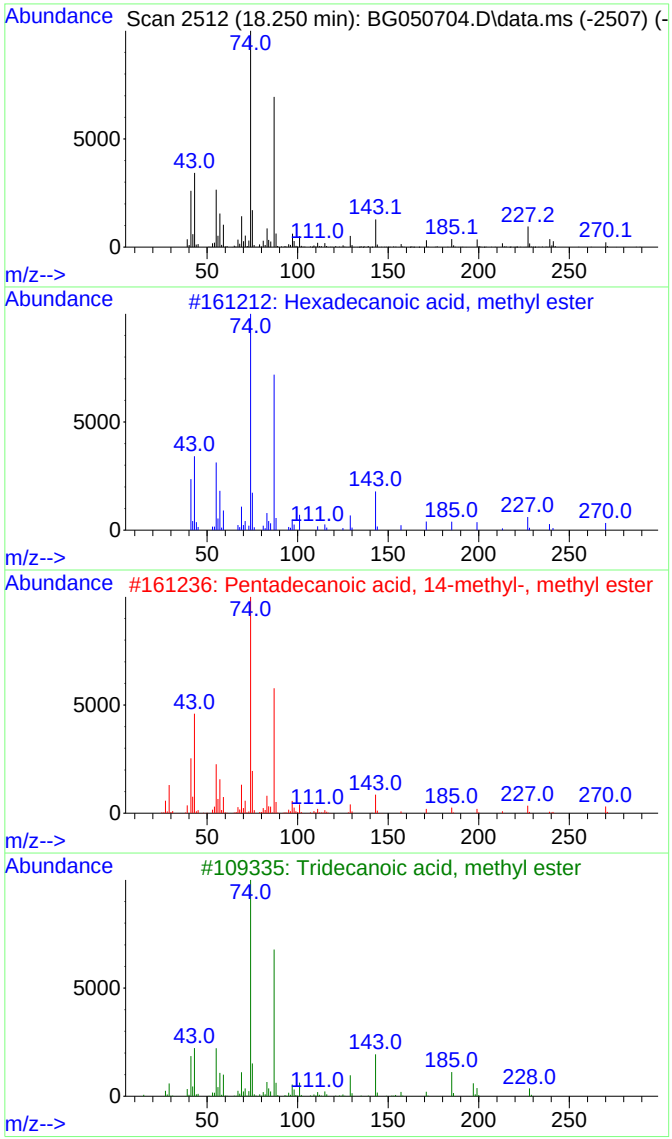
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

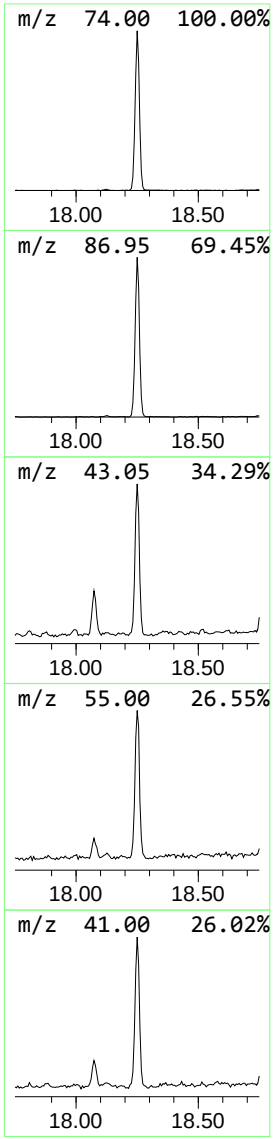
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.250 | 18.21 ng | 656993 | Phenanthrene-d10 | 17.621 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 95 |
| 2 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 94 |
| 3 | Tridecanoic acid, methyl ester | 228 | C14H28O2 | 001731-88-0 | 93 |
| 4 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 86 |
| 5 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

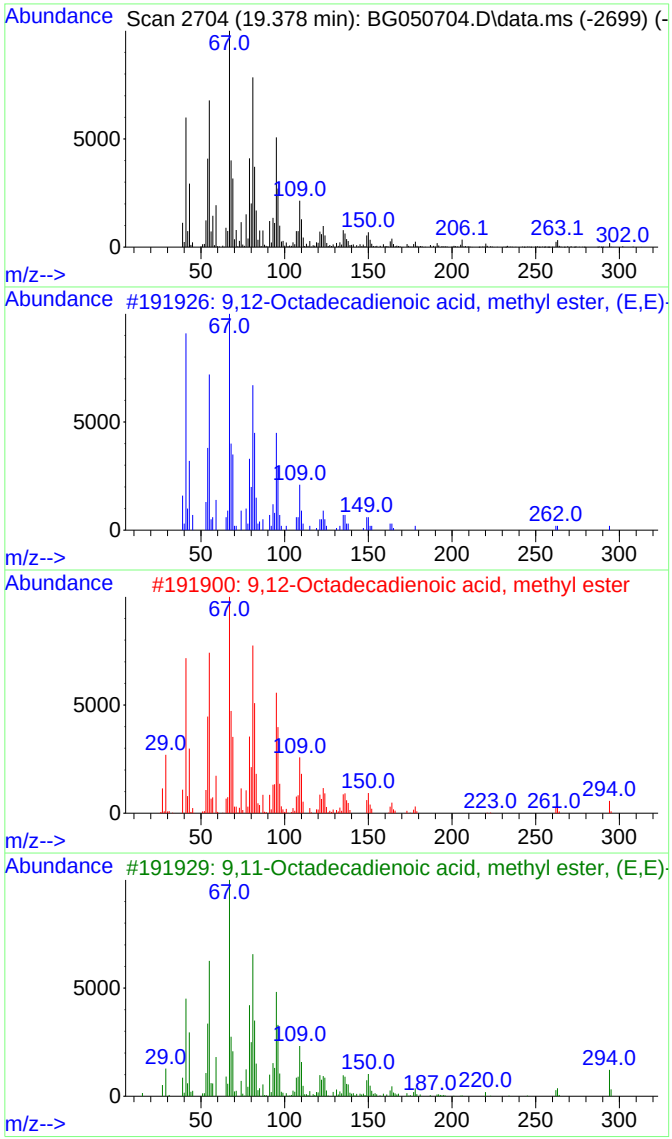
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

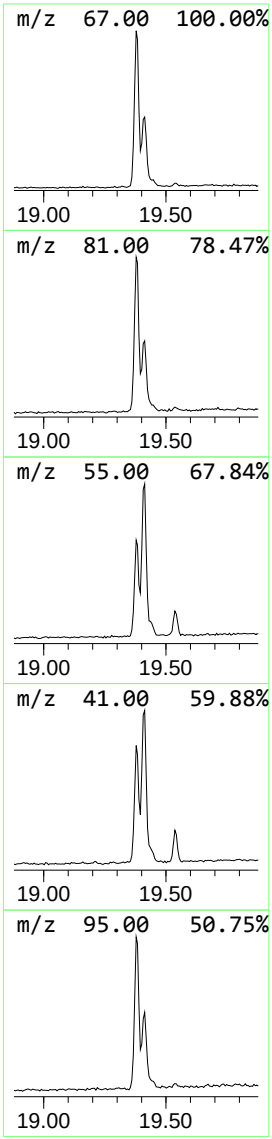
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.378 | 33.39 ng | 1204680 | Phenanthrene-d10 | 17.621 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 99 |
| 2 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 99 |
| 3 | 9,11-Octadecadienoic acid, methy... | 294 | C19H34O2 | 013038-47-6 | 98 |
| 4 | Methyl 10-trans,12-cis-octadecad... | 294 | C19H34O2 | 1000336-44-2 | 96 |
| 5 | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

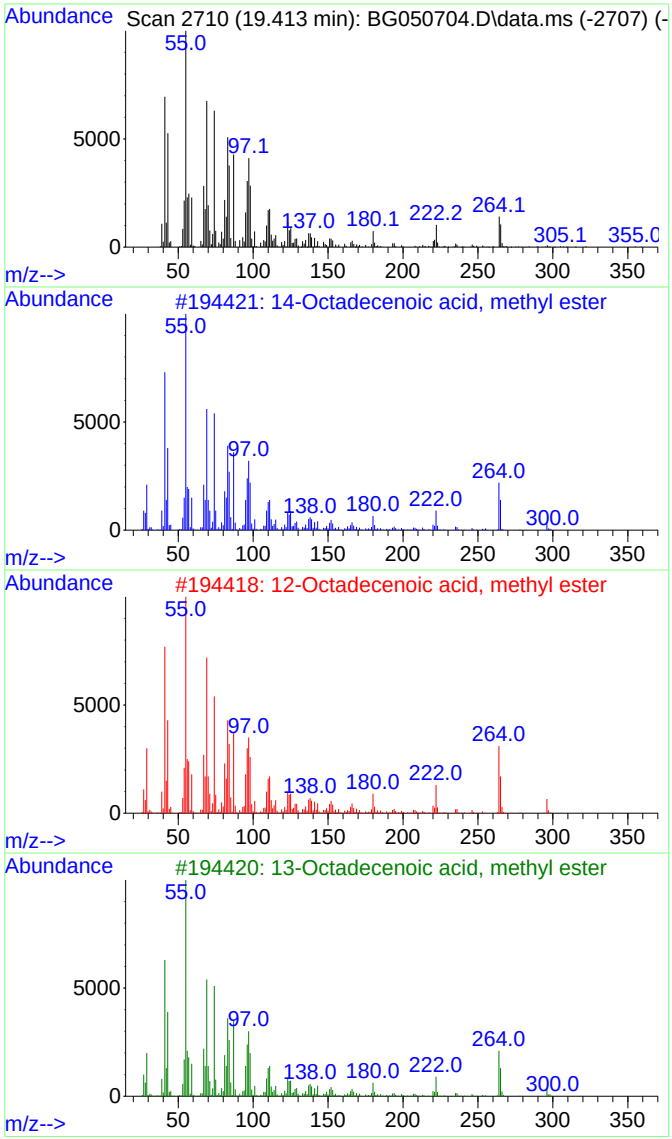
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

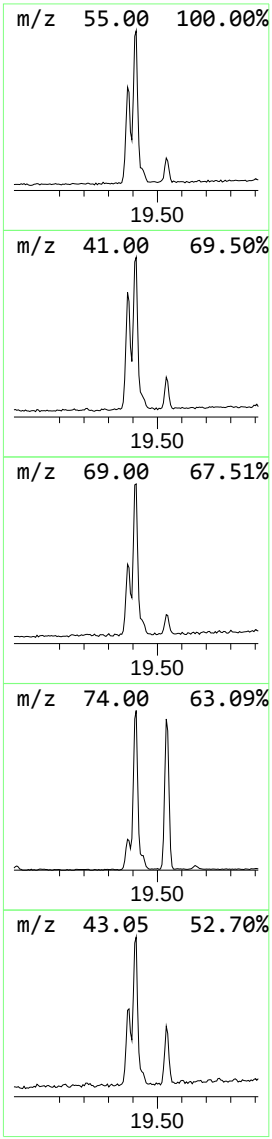
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 14-Octadecenoic acid, methy... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.413 | 39.28 ng | 1417090 | Phenanthrene-d10 | 17.621 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 14-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-48-4 | 99 |
| 2 | 12-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-46-2 | 99 |
| 3 | 13-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-47-3 | 99 |
| 4 | 16-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-49-5 | 98 |
| 5 | 9-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 002462-84-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

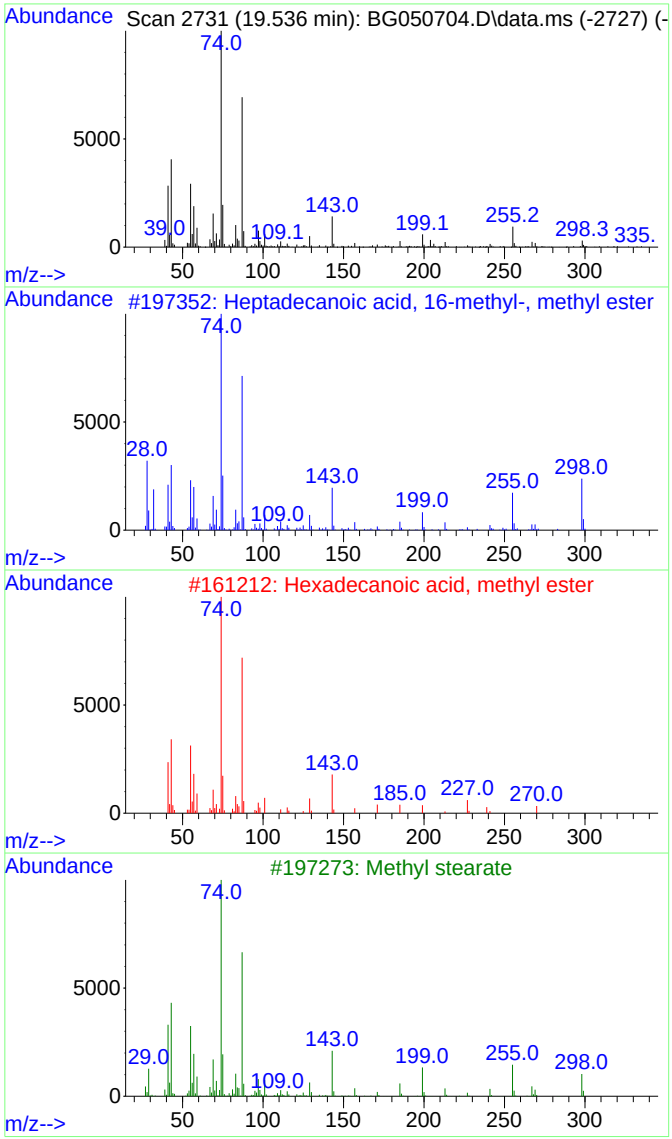
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

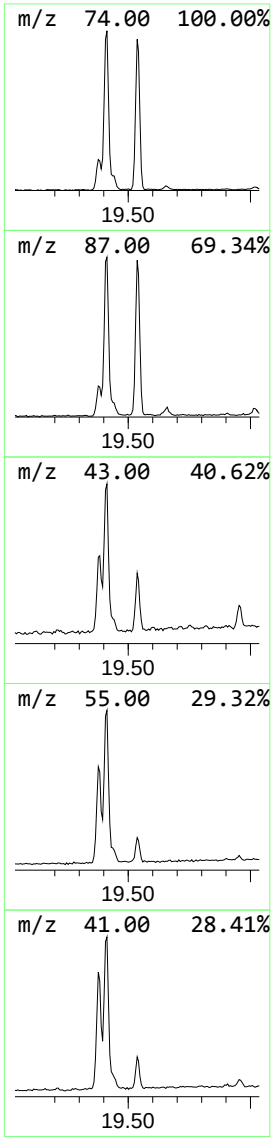
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Heptadecanoic acid, 16-meth... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.536 | 8.46 ng | 305093 | Phenanthrene-d10 | 17.621 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 95 |
| 2 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 94 |
| 3 | Methyl stearate | 298 | C19H38O2 | 000112-61-8 | 93 |
| 4 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 93 |
| 5 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050704.D
Acq On : 23 Oct 2021 1:07
Operator : CG/JU
Sample : M4298-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** NB-08-102021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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 |
| Ethanol, 2-(2-b... | 10.823 | 3.6 | ng | 100075 | 2 | 11.082 | 554212 | 20.0 |
| Tridecane | 12.445 | 2.8 | ng | 78406 | 2 | 11.082 | 554212 | 20.0 |
| Tetradecane | 13.673 | 3.4 | ng | 119314 | 3 | 14.871 | 695459 | 20.0 |
| Hexadecane | 14.736 | 2.7 | ng | 92559 | 3 | 14.871 | 695459 | 20.0 |
| 10-Methylnonade... | 15.682 | 3.4 | ng | 118039 | 3 | 14.871 | 695459 | 20.0 |
| Heptadecane | 16.540 | 5.3 | ng | 190684 | 4 | 17.621 | 721596 | 20.0 |
| Dodecane, 1-iodo- | 17.333 | 3.0 | ng | 106459 | 4 | 17.621 | 721596 | 20.0 |
| Tridecane, 7-he... | 18.073 | 2.5 | ng | 91866 | 4 | 17.621 | 721596 | 20.0 |
| Hexadecanoic ac... | 18.250 | 18.2 | ng | 656993 | 4 | 17.621 | 721596 | 20.0 |
| 9,12-Octadecadi... | 19.378 | 33.4 | ng | 1204680 | 4 | 17.621 | 721596 | 20.0 |
| 14-Octadecenoic... | 19.413 | 39.3 | ng | 1417090 | 4 | 17.621 | 721596 | 20.0 |
| Heptadecanoic a... | 19.536 | 8.5 | ng | 305093 | 4 | 17.621 | 721596 | 20.0 |