

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032823\  
 Data File : BN024575.D  
 Acq On : 27 Mar 2023 22:25  
 Operator : CG/JU  
 Sample : 02067-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFZ80

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\_N\Methods\SFAM-EPA-BN030323.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN024575.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.387       | 12            | 17          | 29           | rVB      | 76539          | 141270        | 1.45%           | 0.160%        |
| 2         | 3.840       | 93            | 94          | 107          | rBV      | 32953          | 68488         | 0.70%           | 0.078%        |
| 3         | 4.046       | 124           | 129         | 137          | rVB      | 30679          | 56182         | 0.58%           | 0.064%        |
| 4         | 4.146       | 142           | 146         | 154          | rVB      | 26743          | 42416         | 0.44%           | 0.048%        |
| 5         | 4.252       | 160           | 164         | 168          | rVB4     | 18427          | 27030         | 0.28%           | 0.031%        |
| 6         | 4.528       | 207           | 211         | 218          | rVB6     | 9246           | 19059         | 0.20%           | 0.022%        |
| 7         | 4.587       | 219           | 221         | 228          | rVB7     | 6536           | 11785         | 0.12%           | 0.013%        |
| 8         | 5.081       | 300           | 305         | 312          | rBV      | 29497          | 49173         | 0.51%           | 0.056%        |
| 9         | 6.387       | 521           | 527         | 533          | rBV2     | 19342          | 29477         | 0.30%           | 0.033%        |
| 10        | 6.981       | 625           | 628         | 634          | rBV7     | 6614           | 11680         | 0.12%           | 0.013%        |
| 11        | 7.169       | 653           | 660         | 673          | rVB      | 316950         | 528149        | 5.43%           | 0.598%        |
| 12        | 7.334       | 682           | 688         | 700          | rVB      | 1273162        | 2029080       | 20.85%          | 2.299%        |
| 13        | 7.540       | 716           | 723         | 733          | rBV      | 1201762        | 1892246       | 19.45%          | 2.144%        |
| 14        | 7.622       | 733           | 737         | 746          | rVB6     | 11100          | 17611         | 0.18%           | 0.020%        |
| 15        | 8.010       | 795           | 803         | 810          | rBV      | 1256674        | 2010007       | 20.66%          | 2.278%        |
| 16        | 8.075       | 810           | 814         | 818          | rVB      | 13164          | 19791         | 0.20%           | 0.022%        |
| 17        | 8.722       | 917           | 924         | 933          | rBV      | 919057         | 1478582       | 15.19%          | 1.675%        |
| 18        | 9.181       | 993           | 1002        | 1010         | rBV      | 1585895        | 2528533       | 25.98%          | 2.865%        |
| 19        | 9.281       | 1013          | 1019        | 1024         | rVV5     | 13905          | 26996         | 0.28%           | 0.031%        |
| 20        | 9.334       | 1026          | 1028        | 1033         | rVB6     | 7477           | 12057         | 0.12%           | 0.014%        |
| 21        | 9.587       | 1065          | 1071        | 1077         | rVB      | 33393          | 51407         | 0.53%           | 0.058%        |
| 22        | 9.904       | 1118          | 1125        | 1136         | rBV      | 1197496        | 1948222       | 20.02%          | 2.208%        |
| 23        | 10.446      | 1209          | 1217        | 1228         | rBV      | 1662126        | 2728305       | 28.04%          | 3.091%        |
| 24        | 10.828      | 1271          | 1282        | 1293         | rBV      | 1756929        | 2960879       | 30.43%          | 3.355%        |
| 25        | 10.963      | 1298          | 1305        | 1315         | rVV      | 660623         | 1140700       | 11.72%          | 1.293%        |
| 26        | 11.604      | 1409          | 1414        | 1421         | rBV8     | 12235          | 24759         | 0.25%           | 0.028%        |
| 27        | 12.087      | 1490          | 1496        | 1499         | rVB4     | 5710           | 10484         | 0.11%           | 0.012%        |
| 28        | 12.234      | 1515          | 1521        | 1531         | rVB2     | 22662          | 37200         | 0.38%           | 0.042%        |
| 29        | 12.410      | 1546          | 1551        | 1557         | rVB      | 33169          | 49801         | 0.51%           | 0.056%        |
| 30        | 13.469      | 1726          | 1731        | 1734         | rBV      | 27567          | 47007         | 0.48%           | 0.053%        |
| 31        | 13.540      | 1739          | 1743        | 1749         | rVV3     | 14997          | 23247         | 0.24%           | 0.026%        |
| 32        | 13.628      | 1753          | 1758        | 1761         | rVB5     | 7163           | 11501         | 0.12%           | 0.013%        |
| 33        | 14.057      | 1824          | 1831        | 1846         | rBV      | 3415081        | 4635797       | 47.64%          | 5.253%        |
| 34        | 14.169      | 1846          | 1850        | 1858         | rVB10    | 7783           | 16349         | 0.17%           | 0.019%        |
| 35        | 14.345      | 1873          | 1880        | 1895         | rVV2     | 3650167        | 5347767       | 54.96%          | 6.059%        |
| 36        | 14.534      | 1908          | 1912        | 1917         | rVB4     | 8539           | 13578         | 0.14%           | 0.015%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\_N\Methods\SFAM-EPA-BN030323.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.651 | 1923 | 1932 | 1941 | rBV  | 2740075 | 3870493 | 39.77%  | 4.386%  |
| 38 | 14.734 | 1941 | 1946 | 1953 | rVB  | 8102    | 19258   | 0.20%   | 0.022%  |
| 39 | 14.839 | 1958 | 1964 | 1976 | rBV  | 260560  | 441177  | 4.53%   | 0.500%  |
| 40 | 15.057 | 1995 | 2001 | 2008 | rVB9 | 15387   | 33024   | 0.34%   | 0.037%  |
| 41 | 15.639 | 2092 | 2100 | 2109 | rBV  | 4772511 | 6918204 | 71.09%  | 7.839%  |
| 42 | 15.757 | 2113 | 2120 | 2136 | rVV  | 1723810 | 2380557 | 24.46%  | 2.697%  |
| 43 | 15.881 | 2136 | 2141 | 2147 | rVB3 | 25495   | 42219   | 0.43%   | 0.048%  |
| 44 | 16.004 | 2157 | 2162 | 2168 | rBV  | 132535  | 189168  | 1.94%   | 0.214%  |
| 45 | 16.781 | 2290 | 2294 | 2298 | rBV6 | 10376   | 15684   | 0.16%   | 0.018%  |
| 46 | 17.181 | 2358 | 2362 | 2367 | rVB4 | 10321   | 16675   | 0.17%   | 0.019%  |
| 47 | 17.398 | 2392 | 2399 | 2406 | rBV  | 3270520 | 4605811 | 47.33%  | 5.219%  |
| 48 | 17.498 | 2409 | 2416 | 2434 | rVV  | 5762753 | 8158910 | 83.84%  | 9.245%  |
| 49 | 17.775 | 2459 | 2463 | 2468 | rVB5 | 11389   | 18762   | 0.19%   | 0.021%  |
| 50 | 18.280 | 2544 | 2549 | 2558 | rBV  | 345906  | 488967  | 5.02%   | 0.554%  |
| 51 | 18.710 | 2618 | 2622 | 2625 | rVB6 | 12187   | 15645   | 0.16%   | 0.018%  |
| 52 | 19.351 | 2727 | 2731 | 2737 | rVB2 | 71320   | 95865   | 0.99%   | 0.109%  |
| 53 | 19.422 | 2738 | 2743 | 2748 | rBV  | 78480   | 126813  | 1.30%   | 0.144%  |
| 54 | 19.551 | 2761 | 2765 | 2770 | rBV  | 133225  | 175318  | 1.80%   | 0.199%  |
| 55 | 19.786 | 2799 | 2805 | 2817 | rBV  | 7053638 | 9628078 | 98.94%  | 10.909% |
| 56 | 21.274 | 3054 | 3058 | 3065 | rBV2 | 534546  | 806326  | 8.29%   | 0.914%  |
| 57 | 21.586 | 3106 | 3111 | 3122 | rBV  | 3812222 | 5047067 | 51.86%  | 5.719%  |
| 58 | 23.921 | 3500 | 3508 | 3520 | rBV2 | 4379179 | 9731170 | 100.00% | 11.026% |
| 59 | 24.080 | 3528 | 3535 | 3548 | rVB2 | 2802514 | 5382860 | 55.32%  | 6.099%  |

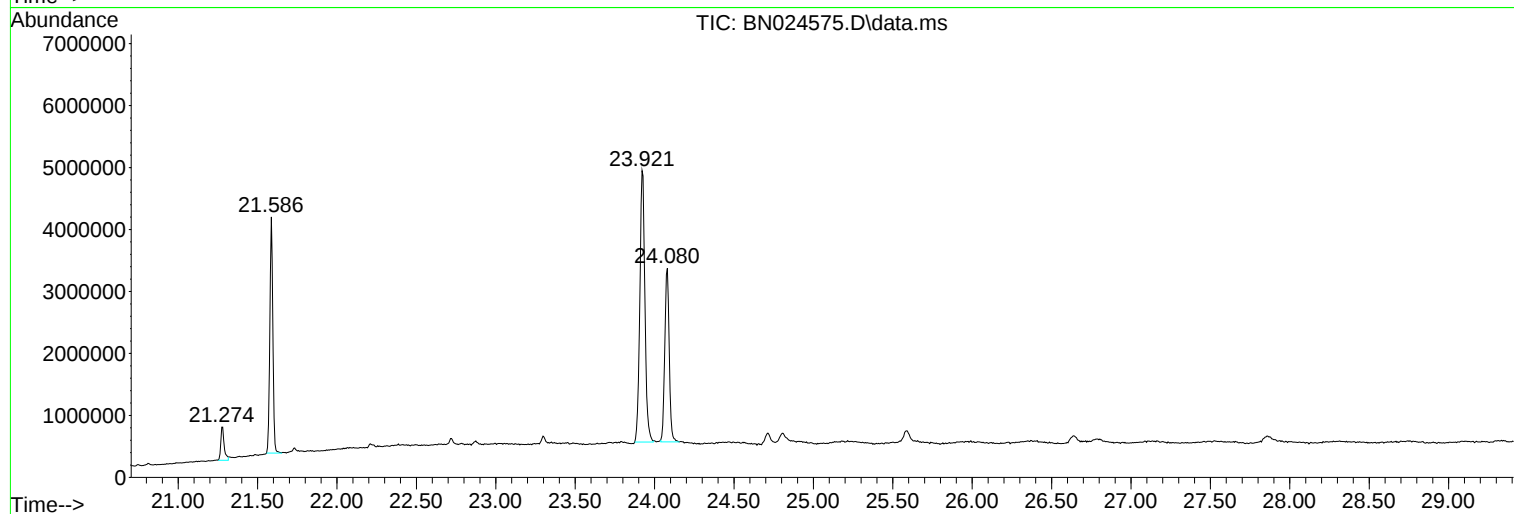
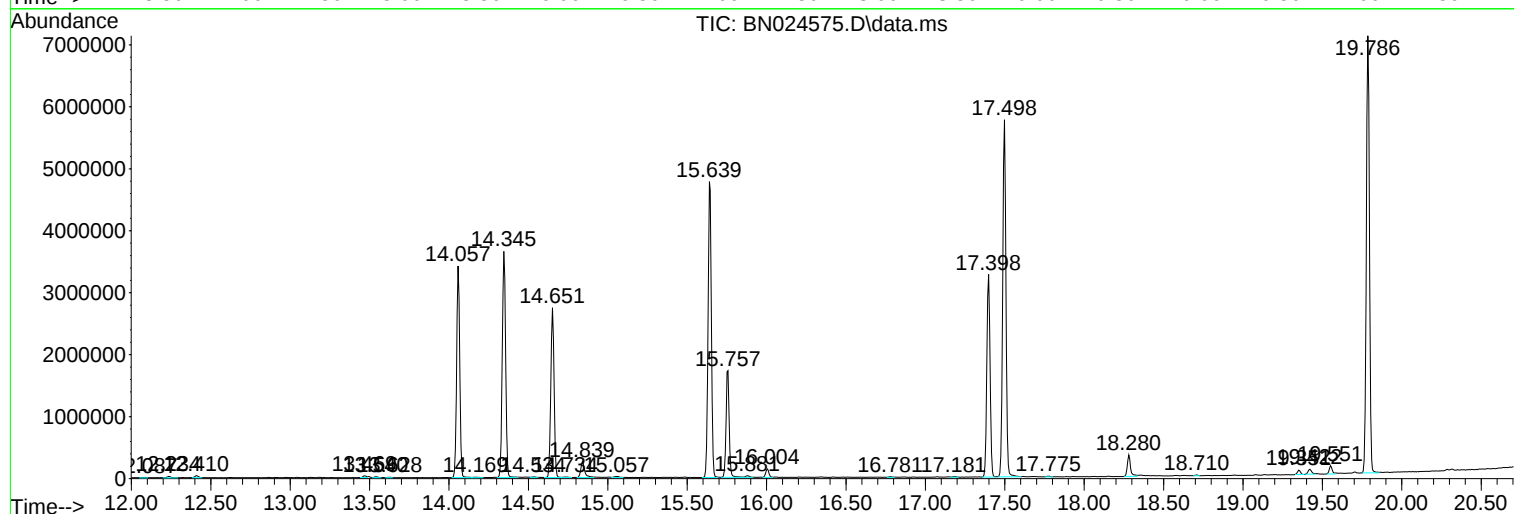
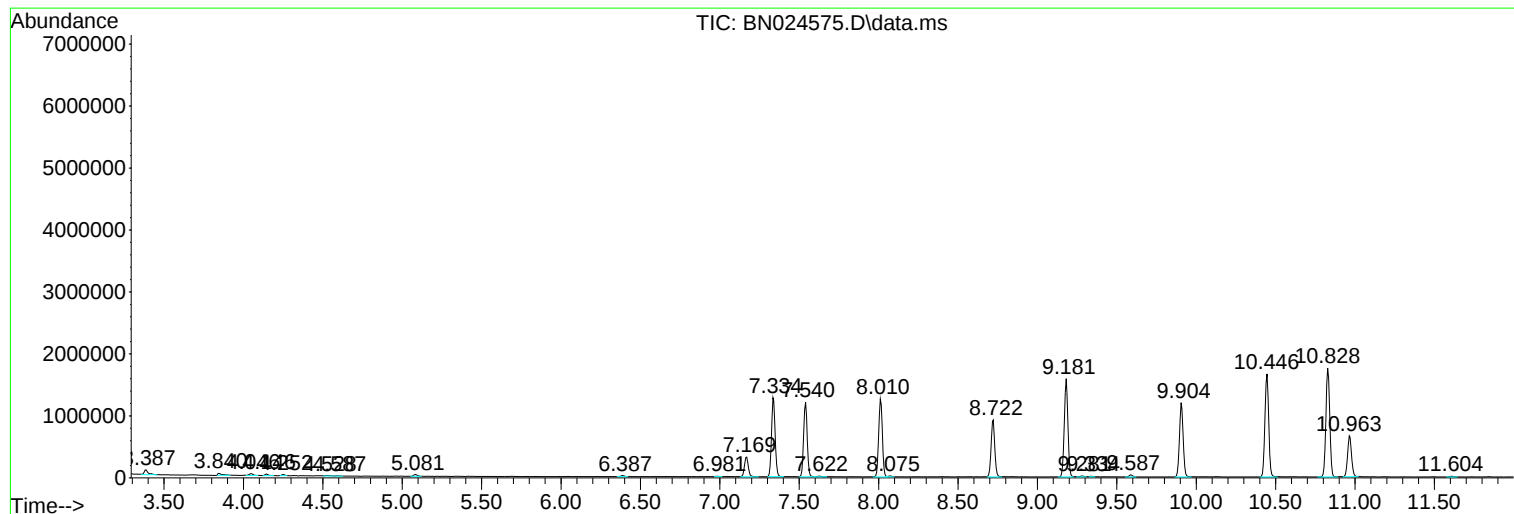
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Sample : 02067-08  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN030323.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
BNA\_N  
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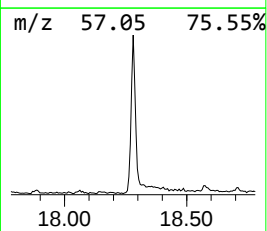
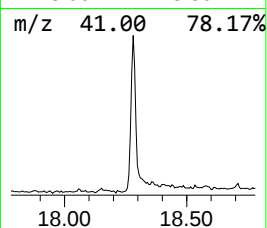
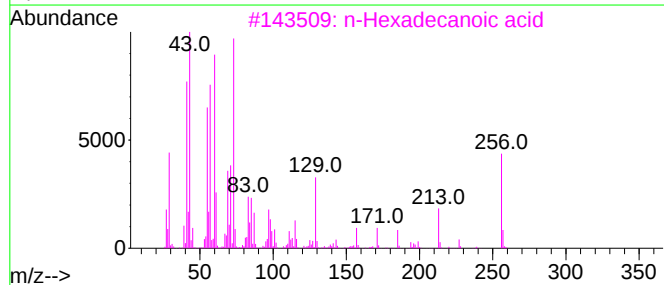
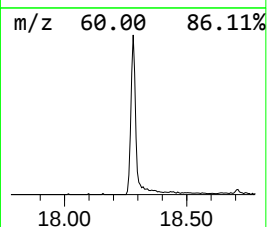
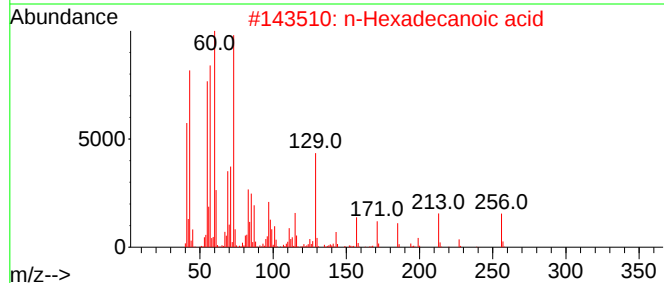
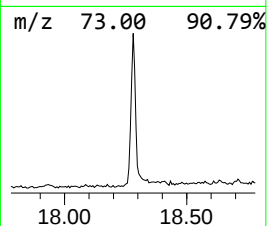
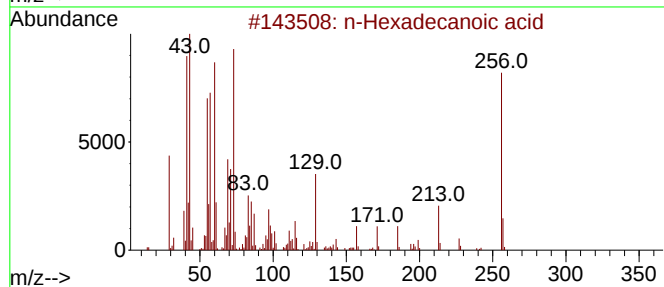
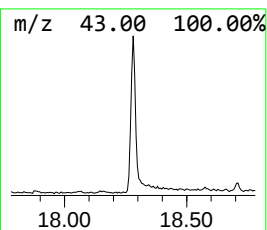
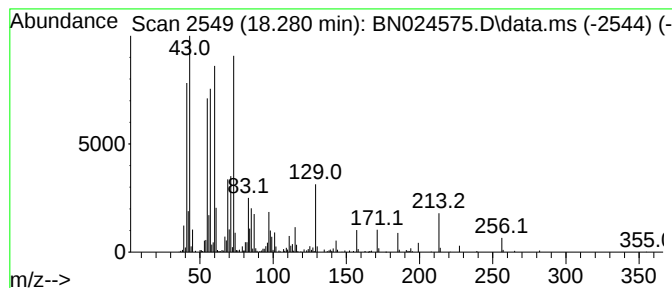
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN030323.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.281 | 2.12 ng/ul | 488967 | Phenanthrene-d10 | 17.398 |

| Hit# | of                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|---------------------|-----|--------------|-------------|---------|------|------|
| 1    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 99      |      |      |
| 2    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 95      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 91      |      |      |
| 4    | Pentadecanoic acid  | 242 | C15H30O2     | 001002-84-2 | 90      |      |      |
| 5    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 90      |      |      |



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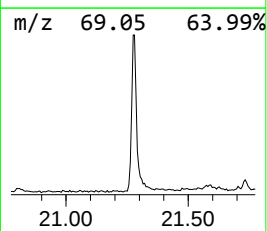
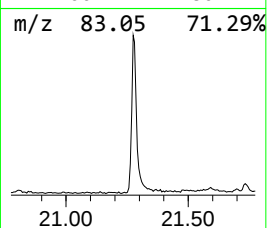
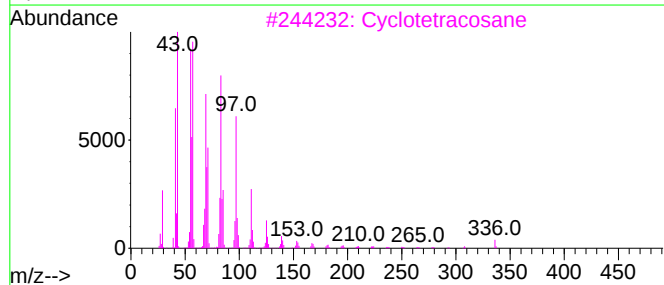
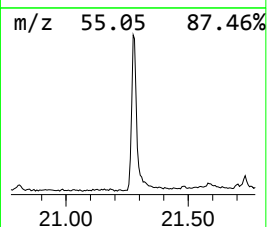
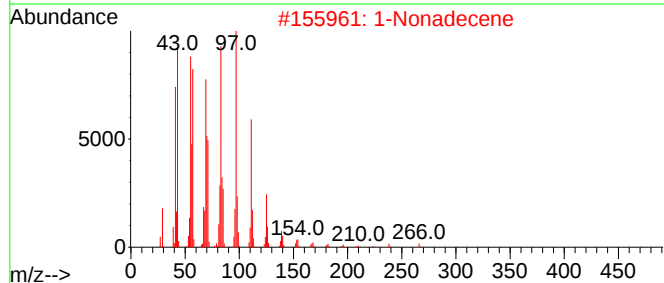
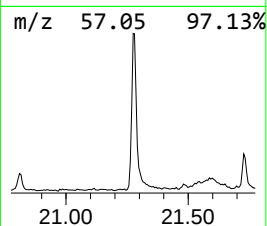
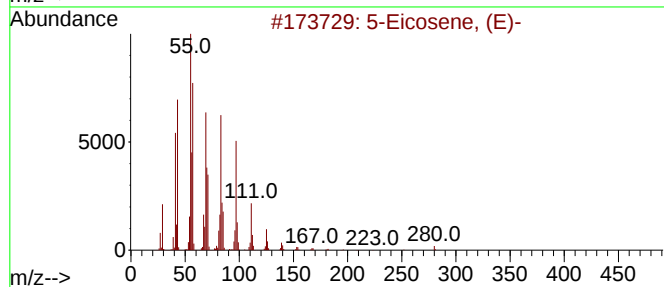
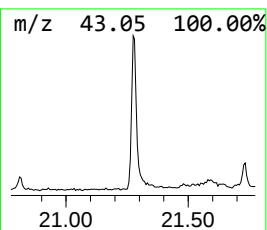
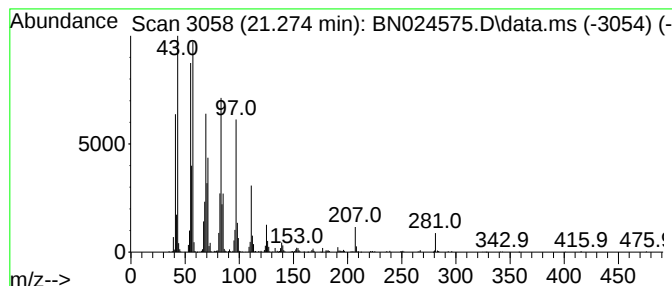
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.274 | 3.20 ng/ul | 806326 | Chrysene-d12     | 21.586 |

| Hit# | of 5                                | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-------------------------------------|--------------|-----|------------|--------------|------|
| 1    | 5-Eicosene, (E)-                    |              | 280 | C20H40     | 074685-30-6  | 98   |
| 2    | 1-Nonadecene                        |              | 266 | C19H38     | 018435-45-5  | 97   |
| 3    | Cyclotetracosane                    |              | 336 | C24H48     | 000297-03-0  | 93   |
| 4    | Pentafluoropropionic acid, penta... |              | 374 | C18H31F5O2 | 959092-08-1  | 93   |
| 5    | Heptadecyl trifluoroacetate         |              | 352 | C19H35F3O2 | 1010351-87-0 | 93   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.281 | 2.1     | ng/u1 | 488967   | 4                     | 17.398 | 4605810 | 20.0 |
| (DEL) Alkane: S... | 21.274 | 3.2     | ng/u1 | 806326   | 5                     | 21.586 | 5047070 | 20.0 |