

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
 Data File : BP018764.D  
 Acq On : 12 Dec 2023 12:55  
 Operator : MA/JU  
 Sample : 05675-14  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0AB7

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\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018764.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         | 3.228       | 19            | 24          | 27           | rBV      | 61290          | 80952         | 1.28%           | 0.165%        |
| 2         | 3.258       | 27            | 29          | 33           | rVV      | 42735          | 50859         | 0.80%           | 0.104%        |
| 3         | 3.293       | 33            | 35          | 40           | rVB      | 23604          | 25967         | 0.41%           | 0.053%        |
| 4         | 3.681       | 97            | 101         | 118          | rBV      | 225830         | 350158        | 5.53%           | 0.714%        |
| 5         | 3.911       | 137           | 140         | 145          | rVB2     | 14255          | 22464         | 0.35%           | 0.046%        |
| 6         | 4.011       | 153           | 157         | 162          | rVB2     | 11104          | 16478         | 0.26%           | 0.034%        |
| 7         | 4.540       | 241           | 247         | 259          | rBV      | 283555         | 402168        | 6.35%           | 0.820%        |
| 8         | 5.852       | 466           | 470         | 475          | rVB7     | 4017           | 6540          | 0.10%           | 0.013%        |
| 9         | 6.840       | 631           | 638         | 644          | rBV      | 25308          | 46063         | 0.73%           | 0.094%        |
| 10        | 7.005       | 661           | 666         | 675          | rVB      | 126652         | 207188        | 3.27%           | 0.422%        |
| 11        | 7.175       | 688           | 695         | 705          | rVB      | 583988         | 871559        | 13.76%          | 1.777%        |
| 12        | 7.369       | 718           | 728         | 736          | rBV      | 557385         | 859521        | 13.57%          | 1.753%        |
| 13        | 7.463       | 740           | 744         | 749          | rVV6     | 9077           | 13261         | 0.21%           | 0.027%        |
| 14        | 7.840       | 800           | 808         | 819          | rVB      | 622589         | 988466        | 15.61%          | 2.016%        |
| 15        | 8.416       | 901           | 906         | 913          | rVB3     | 10115          | 18834         | 0.30%           | 0.038%        |
| 16        | 8.552       | 922           | 929         | 936          | rBV      | 395426         | 631209        | 9.97%           | 1.287%        |
| 17        | 8.999       | 998           | 1005        | 1012         | rVV      | 672192         | 1059183       | 16.73%          | 2.160%        |
| 18        | 9.069       | 1012          | 1017        | 1021         | rVB      | 12813          | 18622         | 0.29%           | 0.038%        |
| 19        | 9.140       | 1021          | 1029        | 1037         | rBV      | 121568         | 223640        | 3.53%           | 0.456%        |
| 20        | 9.716       | 1119          | 1127        | 1136         | rBV      | 503236         | 841617        | 13.29%          | 1.716%        |
| 21        | 9.881       | 1151          | 1155        | 1159         | rBV7     | 4279           | 8389          | 0.13%           | 0.017%        |
| 22        | 9.969       | 1163          | 1170        | 1177         | rBV      | 69071          | 122289        | 1.93%           | 0.249%        |
| 23        | 10.257      | 1210          | 1219        | 1228         | rBV      | 767789         | 1321949       | 20.88%          | 2.696%        |
| 24        | 10.634      | 1274          | 1283        | 1290         | rBV      | 792603         | 1329126       | 20.99%          | 2.710%        |
| 25        | 10.681      | 1290          | 1291        | 1297         | rVB5     | 4818           | 6591          | 0.10%           | 0.013%        |
| 26        | 10.775      | 1298          | 1307        | 1319         | rBV      | 716494         | 1219075       | 19.25%          | 2.486%        |
| 27        | 11.051      | 1346          | 1354        | 1359         | rVB      | 5325           | 11766         | 0.19%           | 0.024%        |
| 28        | 11.098      | 1359          | 1362        | 1370         | rVB8     | 4098           | 7036          | 0.11%           | 0.014%        |
| 29        | 11.198      | 1373          | 1379        | 1384         | rBV8     | 4343           | 10981         | 0.17%           | 0.022%        |
| 30        | 11.428      | 1414          | 1418        | 1423         | rBV6     | 10671          | 19577         | 0.31%           | 0.040%        |
| 31        | 11.475      | 1423          | 1426        | 1432         | rVB8     | 8838           | 14148         | 0.22%           | 0.029%        |
| 32        | 11.545      | 1432          | 1438        | 1443         | rBV8     | 8233           | 21731         | 0.34%           | 0.044%        |
| 33        | 11.828      | 1479          | 1486        | 1493         | rBV9     | 8994           | 17991         | 0.28%           | 0.037%        |
| 34        | 12.057      | 1521          | 1525        | 1532         | rVB      | 45743          | 64954         | 1.03%           | 0.132%        |
| 35        | 12.222      | 1549          | 1553        | 1559         | rVV2     | 15890          | 24534         | 0.39%           | 0.050%        |
| 36        | 12.287      | 1559          | 1564        | 1571         | rVB3     | 7647           | 16733         | 0.26%           | 0.034%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 37 | 12.416 | 1582 | 1586 | 1594 | rBV3 | 5069 | 12557 | 0.20% | 0.026% |
| 38 | 12.510 | 1596 | 1602 | 1604 | rBV7 | 4297 | 6827  | 0.11% | 0.014% |
| 39 | 12.545 | 1604 | 1608 | 1613 | rVB5 | 9232 | 14149 | 0.22% | 0.029% |
| 40 | 12.698 | 1631 | 1634 | 1636 | rVV4 | 6708 | 8009  | 0.13% | 0.016% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 12.740 | 1636 | 1641 | 1647 | rVV9 | 7272  | 16450 | 0.26% | 0.034% |
| 42 | 12.798 | 1649 | 1651 | 1655 | rVV4 | 8217  | 11784 | 0.19% | 0.024% |
| 43 | 12.869 | 1659 | 1663 | 1668 | rVV4 | 10247 | 18134 | 0.29% | 0.037% |
| 44 | 12.957 | 1672 | 1678 | 1681 | rBV3 | 10579 | 15555 | 0.25% | 0.032% |
| 45 | 13.010 | 1684 | 1687 | 1693 | rVB6 | 11942 | 18616 | 0.29% | 0.038% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 46 | 13.298 | 1730 | 1736 | 1744 | rVB  | 87290 | 123093 | 1.94% | 0.251% |
| 47 | 13.375 | 1744 | 1749 | 1754 | rBV6 | 14702 | 32004  | 0.51% | 0.065% |
| 48 | 13.416 | 1754 | 1756 | 1761 | rVV5 | 9266  | 13180  | 0.21% | 0.027% |
| 49 | 13.463 | 1761 | 1764 | 1768 | rVB4 | 8566  | 9485   | 0.15% | 0.019% |
| 50 | 13.634 | 1787 | 1793 | 1794 | rBV5 | 8245  | 12598  | 0.20% | 0.026% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 13.839 | 1822 | 1828 | 1830 | rVV6 | 10843   | 17026   | 0.27%  | 0.035% |
| 52 | 13.887 | 1830 | 1836 | 1842 | rVV  | 1557981 | 2123991 | 33.54% | 4.331% |
| 53 | 13.957 | 1845 | 1848 | 1851 | rVV2 | 19689   | 27077   | 0.43%  | 0.055% |
| 54 | 13.998 | 1851 | 1855 | 1858 | rVB3 | 17492   | 22994   | 0.36%  | 0.047% |
| 55 | 14.069 | 1865 | 1867 | 1872 | rVB3 | 11500   | 15150   | 0.24%  | 0.031% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 14.163 | 1872 | 1883 | 1892 | rBV  | 1691710 | 2481356 | 39.18% | 5.060% |
| 57 | 14.263 | 1895 | 1900 | 1904 | rVV2 | 24673   | 40177   | 0.63%  | 0.082% |
| 58 | 14.369 | 1913 | 1918 | 1923 | rBV  | 143184  | 190649  | 3.01%  | 0.389% |
| 59 | 14.469 | 1927 | 1935 | 1942 | rVV  | 1180060 | 1775016 | 28.03% | 3.619% |
| 60 | 14.675 | 1964 | 1970 | 1979 | rBV  | 101166  | 186056  | 2.94%  | 0.379% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 14.828 | 1990 | 1996 | 2000 | rBV6 | 16444 | 35140 | 0.55% | 0.072% |
| 62 | 14.869 | 2000 | 2003 | 2010 | rVB6 | 19846 | 36335 | 0.57% | 0.074% |
| 63 | 14.928 | 2010 | 2013 | 2017 | rBV5 | 9290  | 12962 | 0.20% | 0.026% |
| 64 | 14.992 | 2020 | 2024 | 2032 | rVB5 | 27617 | 49643 | 0.78% | 0.101% |
| 65 | 15.057 | 2032 | 2035 | 2038 | rBV2 | 12031 | 16273 | 0.26% | 0.033% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 15.192 | 2052 | 2058 | 2059 | rBV4 | 9381    | 16348   | 0.26%  | 0.033% |
| 67 | 15.322 | 2075 | 2080 | 2085 | rVB  | 202373  | 237757  | 3.75%  | 0.485% |
| 68 | 15.416 | 2094 | 2096 | 2097 | rBV2 | 10272   | 8978    | 0.14%  | 0.018% |
| 69 | 15.463 | 2097 | 2104 | 2110 | rVV  | 2243742 | 3232979 | 51.05% | 6.592% |
| 70 | 15.581 | 2118 | 2124 | 2137 | rVB  | 651209  | 953932  | 15.06% | 1.945% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 71 | 15.728 | 2142 | 2149 | 2154 | rVB2 | 57951  | 114492 | 1.81% | 0.233% |
| 72 | 15.881 | 2171 | 2175 | 2180 | rBV3 | 25211  | 41844  | 0.66% | 0.085% |
| 73 | 15.939 | 2182 | 2185 | 2192 | rVB5 | 26752  | 39190  | 0.62% | 0.080% |
| 74 | 16.028 | 2197 | 2200 | 2205 | rBV7 | 11440  | 18696  | 0.30% | 0.038% |
| 75 | 16.186 | 2222 | 2227 | 2235 | rBV  | 244071 | 403682 | 6.37% | 0.823% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 16.528 | 2282 | 2285 | 2288 | rBV3 | 16163 | 22680 | 0.36% | 0.046% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 16.645 | 2303 | 2305 | 2308 | rVB3 | 13299   | 12070   | 0.19%   | 0.025%  |
| 78  | 16.763 | 2323 | 2325 | 2328 | rBV2 | 16647   | 15382   | 0.24%   | 0.031%  |
| 79  | 16.980 | 2358 | 2362 | 2366 | rBV  | 233876  | 277819  | 4.39%   | 0.567%  |
| 80  | 17.033 | 2367 | 2371 | 2381 | rVB2 | 74105   | 139302  | 2.20%   | 0.284%  |
| 81  | 17.216 | 2396 | 2402 | 2408 | rBV  | 1562848 | 2167759 | 34.23%  | 4.420%  |
| 82  | 17.316 | 2412 | 2419 | 2430 | rVB  | 2715517 | 3852388 | 60.84%  | 7.856%  |
| 83  | 17.457 | 2440 | 2443 | 2449 | rVB3 | 19947   | 25046   | 0.40%   | 0.051%  |
| 84  | 17.522 | 2451 | 2454 | 2460 | rVB3 | 24404   | 34073   | 0.54%   | 0.069%  |
| 85  | 17.722 | 2484 | 2488 | 2494 | rBV  | 219991  | 251992  | 3.98%   | 0.514%  |
| 86  | 17.998 | 2531 | 2535 | 2540 | rBV7 | 23397   | 45371   | 0.72%   | 0.093%  |
| 87  | 18.110 | 2549 | 2554 | 2559 | rBV  | 154915  | 216836  | 3.42%   | 0.442%  |
| 88  | 18.398 | 2598 | 2603 | 2606 | rBV  | 180692  | 225656  | 3.56%   | 0.460%  |
| 89  | 18.839 | 2675 | 2678 | 2683 | rBV2 | 22150   | 32686   | 0.52%   | 0.067%  |
| 90  | 19.004 | 2702 | 2706 | 2713 | rBV  | 153801  | 176596  | 2.79%   | 0.360%  |
| 91  | 19.133 | 2724 | 2728 | 2731 | rBV2 | 40704   | 54740   | 0.86%   | 0.112%  |
| 92  | 19.198 | 2735 | 2739 | 2741 | rVV  | 62027   | 78390   | 1.24%   | 0.160%  |
| 93  | 19.227 | 2741 | 2744 | 2752 | rVB  | 76243   | 123819  | 1.96%   | 0.252%  |
| 94  | 19.339 | 2760 | 2763 | 2771 | rBV  | 77499   | 109250  | 1.73%   | 0.223%  |
| 95  | 19.551 | 2794 | 2799 | 2806 | rBV  | 3884549 | 5205721 | 82.21%  | 10.615% |
| 96  | 20.086 | 2886 | 2890 | 2894 | rBV  | 81773   | 92772   | 1.47%   | 0.189%  |
| 97  | 20.569 | 2969 | 2972 | 2976 | rBV2 | 49380   | 57488   | 0.91%   | 0.117%  |
| 98  | 21.304 | 3092 | 3097 | 3107 | rBV  | 2387342 | 2879396 | 45.47%  | 5.871%  |
| 99  | 23.515 | 3466 | 3473 | 3491 | rVB  | 3164161 | 6332460 | 100.00% | 12.913% |
| 100 | 23.668 | 3493 | 3499 | 3510 | rVB  | 1618278 | 3248873 | 51.31%  | 6.625%  |

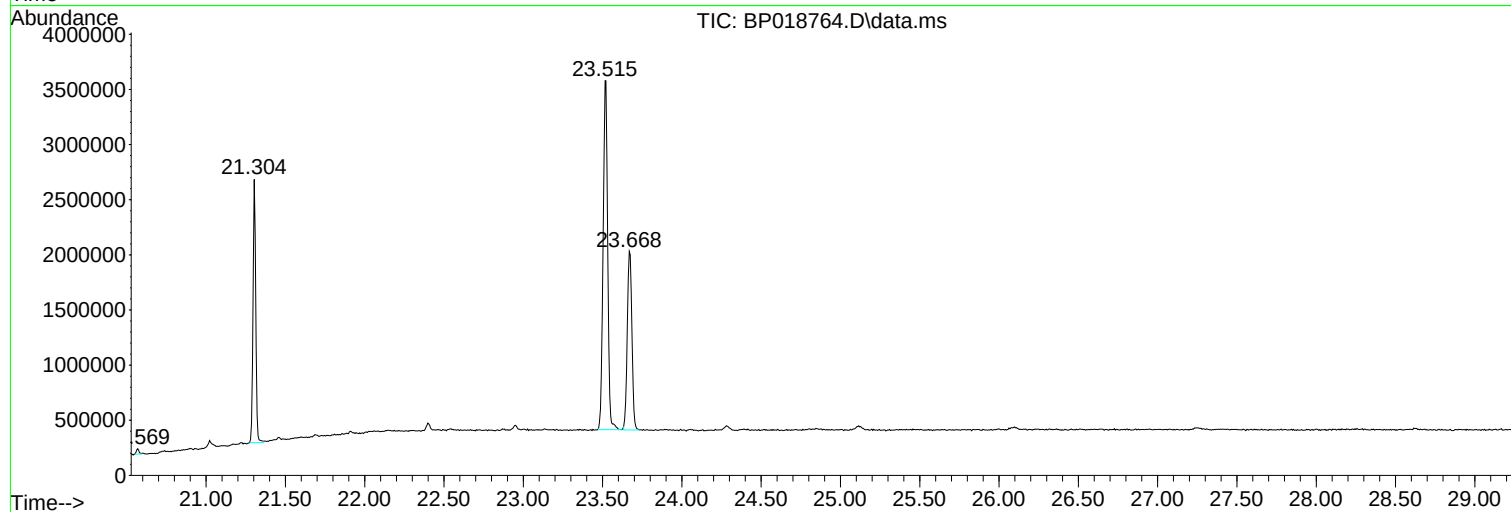
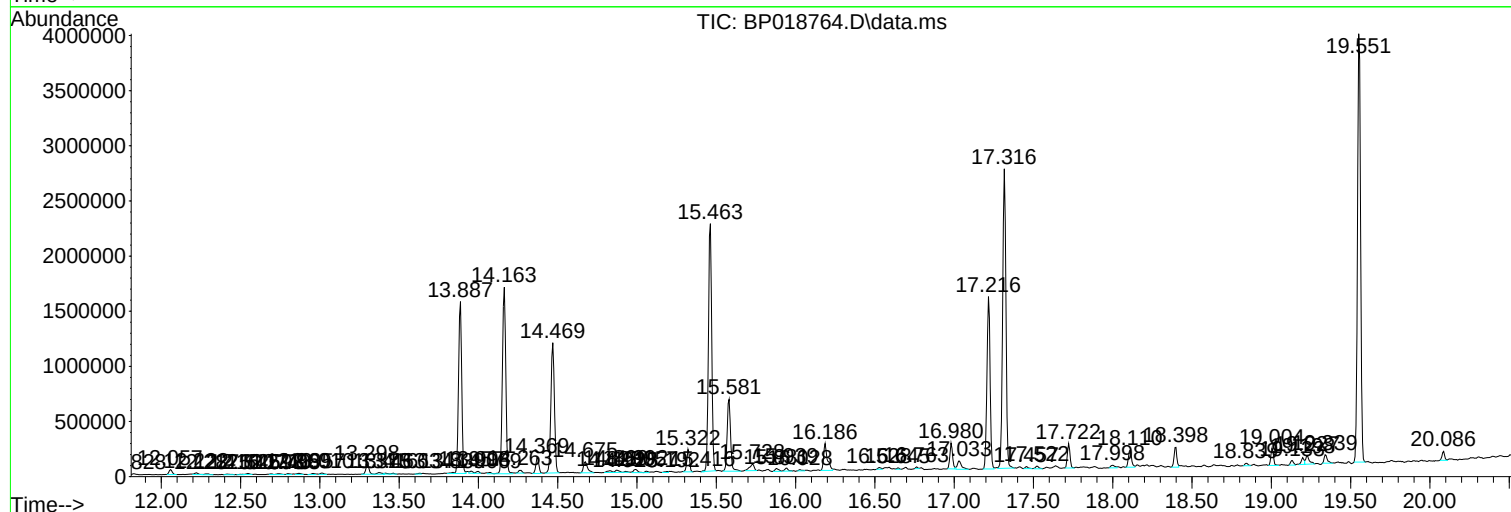
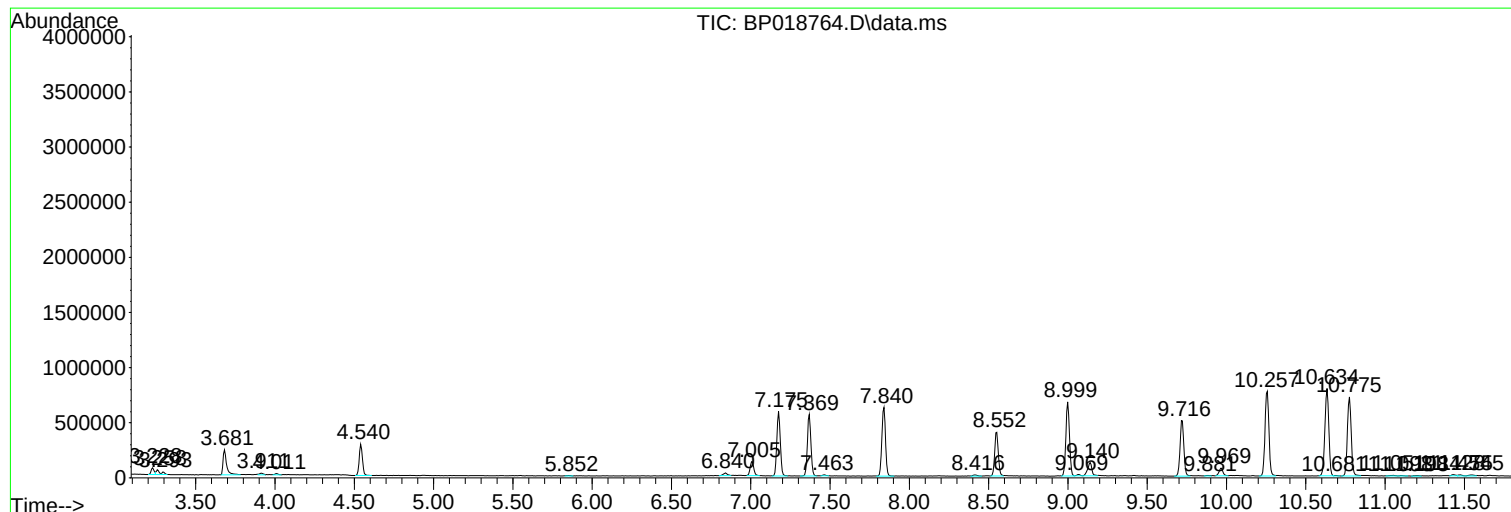
Sum of corrected areas: 49040368

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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



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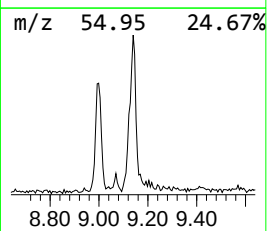
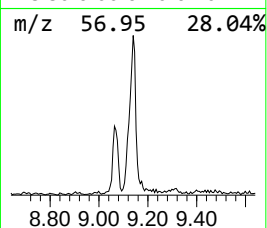
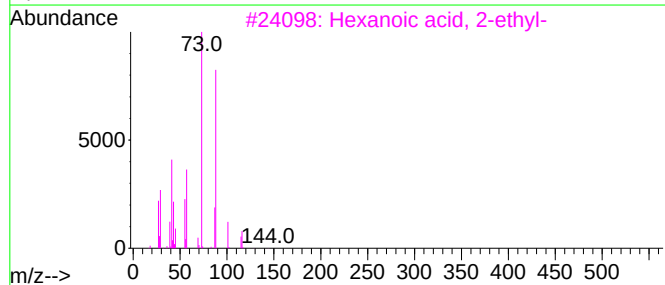
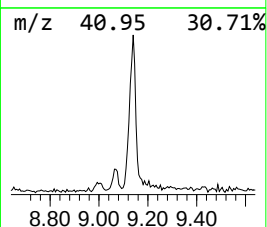
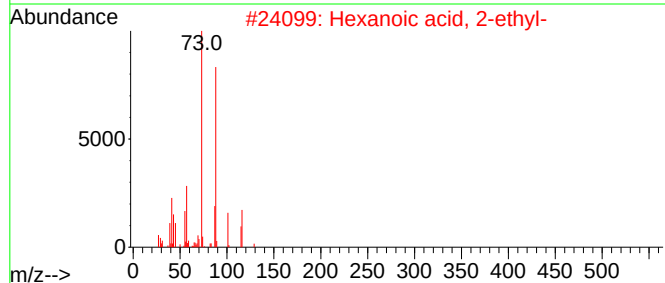
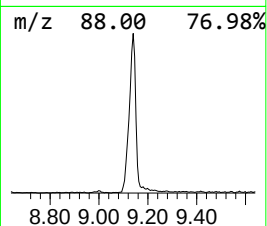
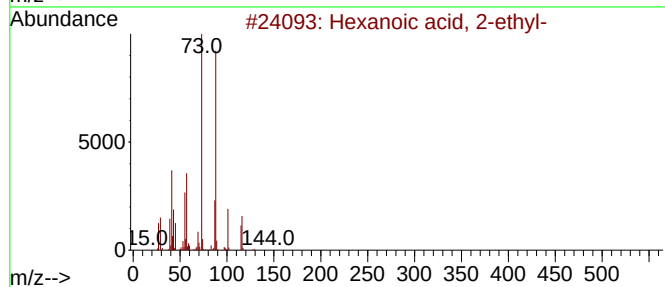
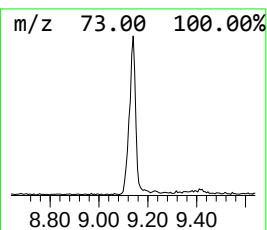
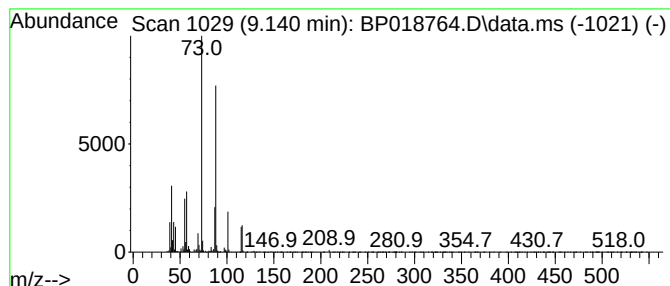
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 9.140 | 4.52 ng/ul | 223640 | 1,4-Dichlorobenzene-d4 | 7.840 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90   |
| 2    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 78   |
| 3    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 78   |
| 4    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 64   |
| 5    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 64   |



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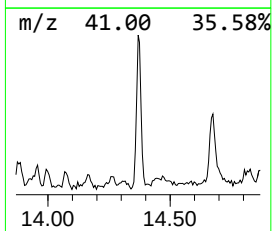
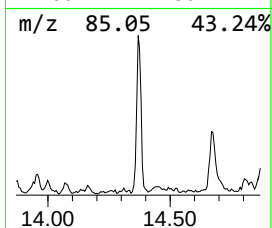
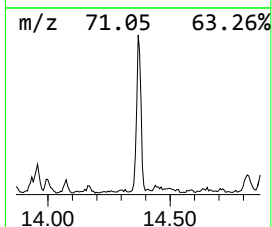
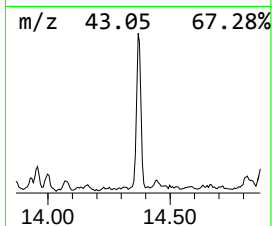
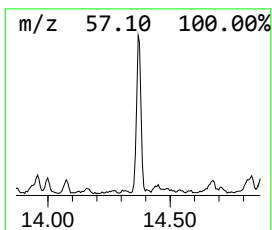
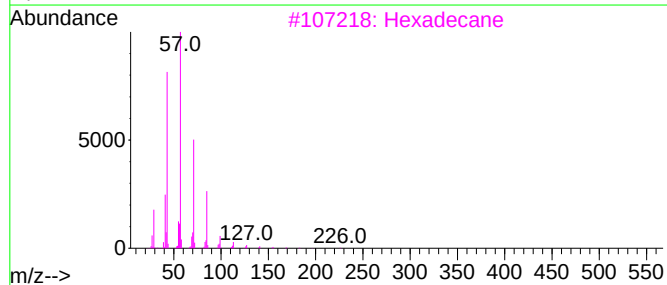
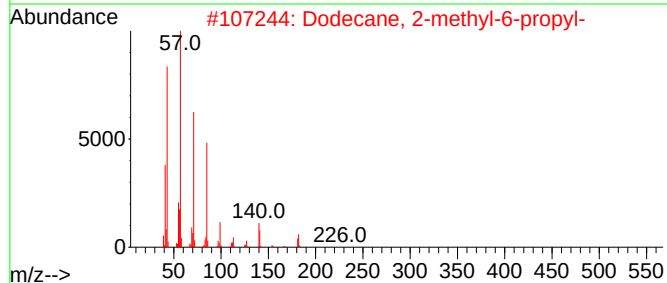
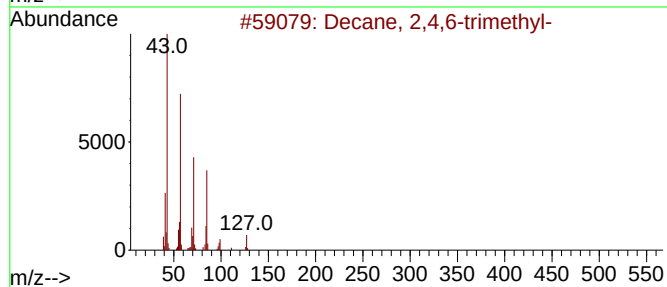
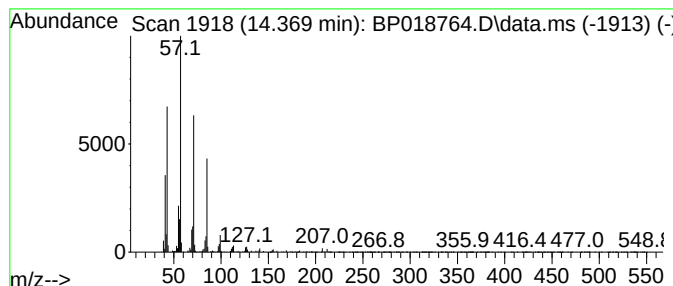
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.369 | 2.15 ng/ul | 190649 | Acenaphthene-d10 | 14.469 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 2,4,6-trimethyl-     | 184 | C13H28  | 062108-27-4 | 90   |
| 2    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 87   |
| 3    |      | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 80   |
| 4    |      | Heptacosane                  | 380 | C27H56  | 000593-49-7 | 80   |
| 5    |      | Dotriacontane                | 451 | C32H66  | 000544-85-4 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
Data File : BP018764.D  
Acq On : 12 Dec 2023 12:55  
Operator : MA/JU  
Sample : 05675-14  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

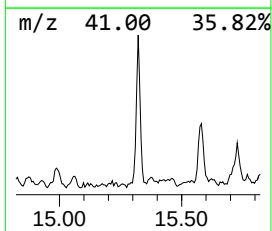
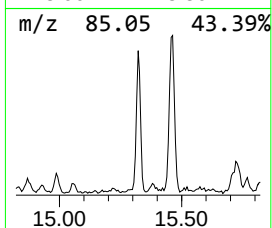
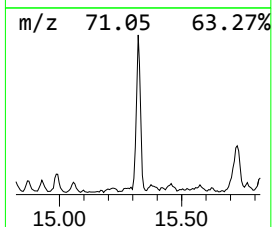
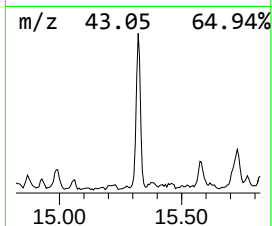
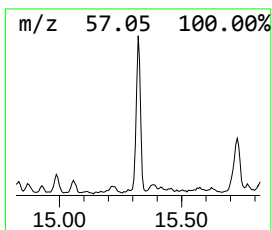
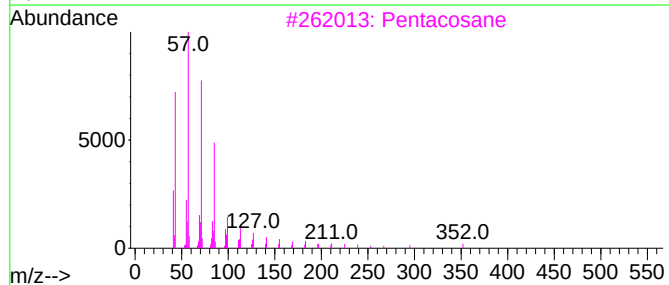
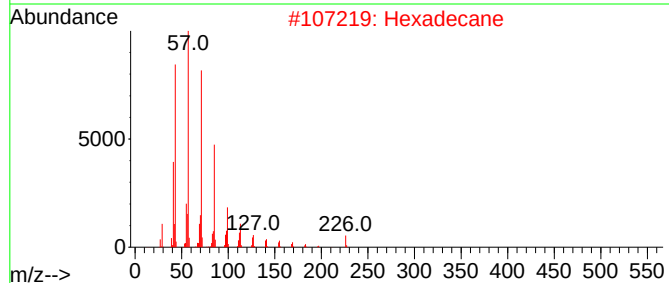
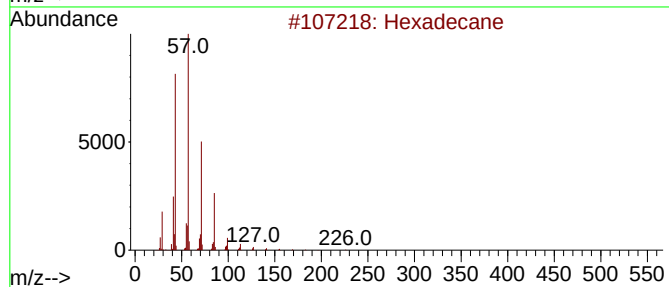
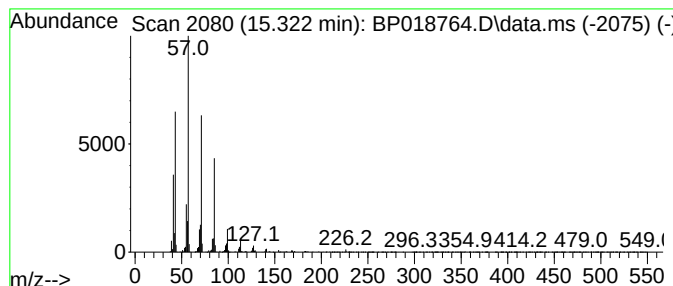
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.      | EstConc              | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|----------------------|--------|------------------|---------|-------------|------|
| 15.322    | 2.68 ng/ul           | 237757 | Acenaphthene-d10 |         | 14.469      |      |
| Hit# of 5 | Tentative ID         |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexadecane           |        | 226              | C16H34  | 000544-76-3 | 97   |
| 2         | Hexadecane           |        | 226              | C16H34  | 000544-76-3 | 93   |
| 3         | Pentacosane          |        | 352              | C25H52  | 000629-99-2 | 90   |
| 4         | Nonadecane           |        | 268              | C19H40  | 000629-92-5 | 90   |
| 5         | Eicosane, 10-methyl- |        | 296              | C21H44  | 054833-23-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
Data File : BP018764.D  
Acq On : 12 Dec 2023 12:55  
Operator : MA/JU  
Sample : 05675-14  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
H0AB7

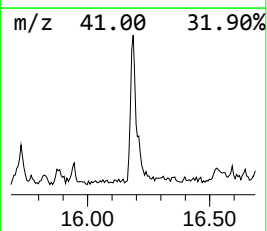
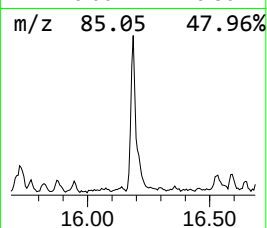
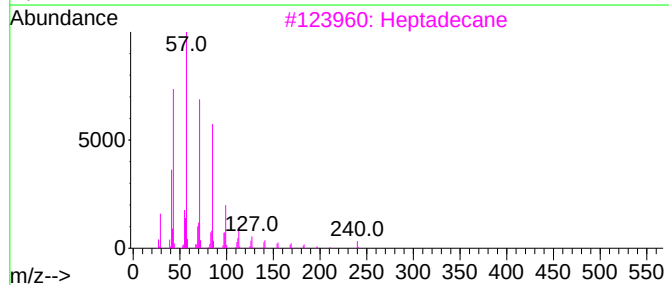
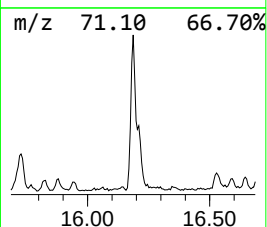
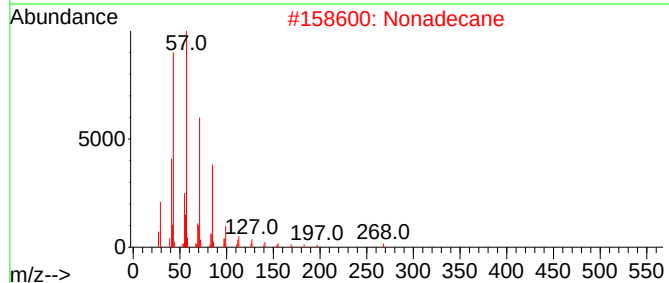
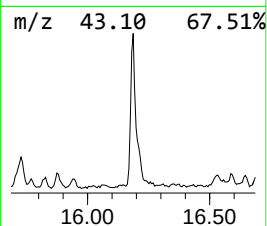
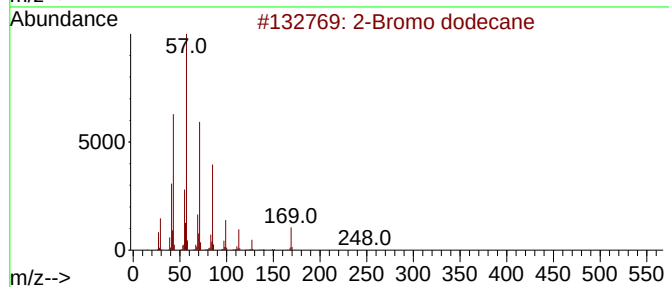
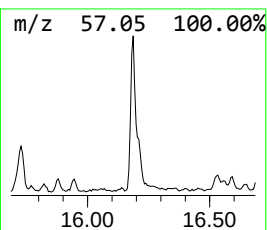
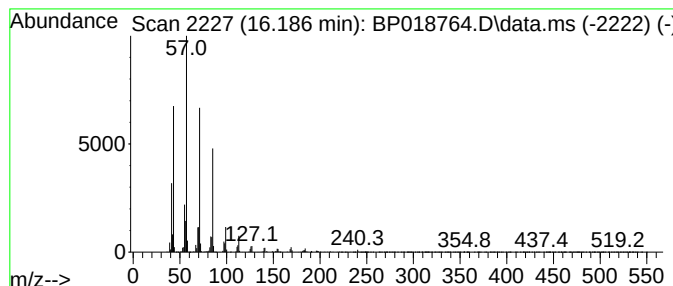
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 2-Bromo dodecane Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.186 | 3.72 ng/ul | 403682 | Phenanthrene-d10 | 17.216 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 90   |
| 2    |    |   | Nonadecane       | 268 | C19H40   | 000629-92-5 | 90   |
| 3    |    |   | Heptadecane      | 240 | C17H36   | 000629-78-7 | 90   |
| 4    |    |   | Heneicosane      | 296 | C21H44   | 000629-94-7 | 90   |
| 5    |    |   | Tetradecane      | 198 | C14H30   | 000629-59-4 | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
Data File : BP018764.D  
Acq On : 12 Dec 2023 12:55  
Operator : MA/JU  
Sample : 05675-14  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

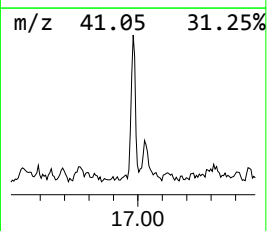
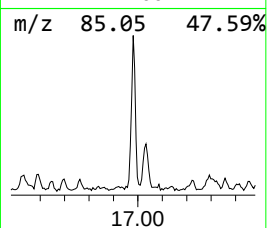
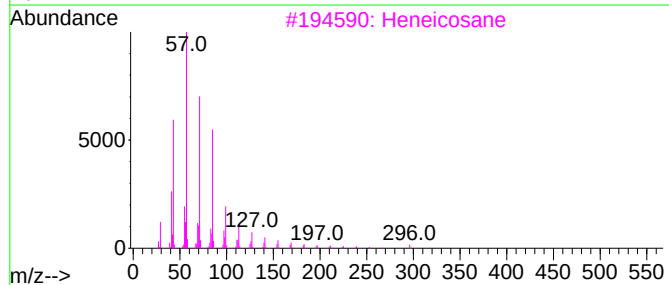
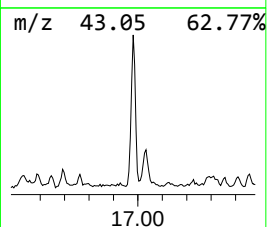
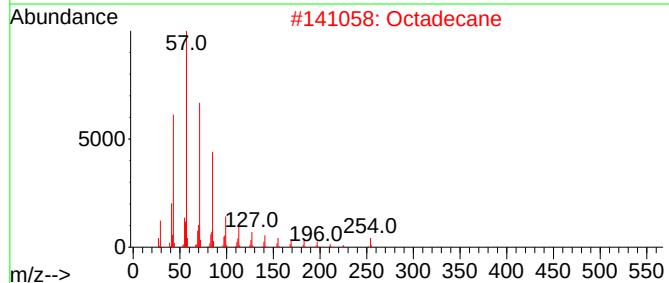
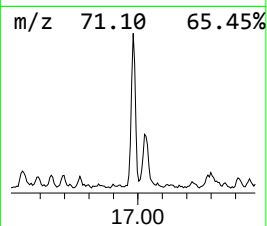
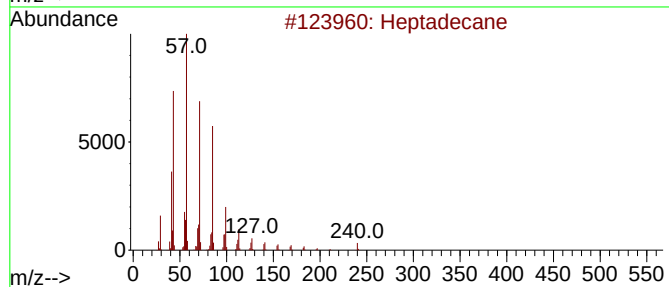
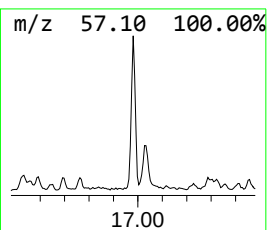
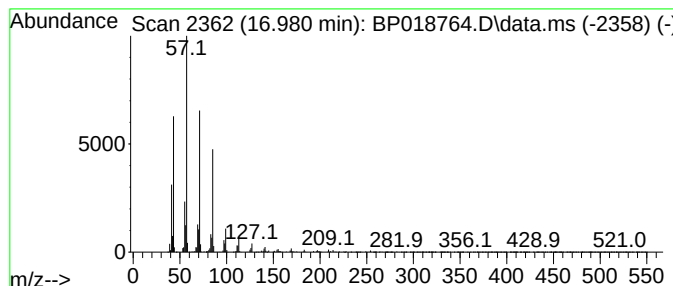
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.980 | 2.56 ng/ul | 277819 | Phenanthrene-d10 | 17.216 |

| Hit# | of 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------|-----|---------|-------------|------|
| 1    |      | Heptadecane        | 240 | C17H36  | 000629-78-7 | 97   |
| 2    |      | Octadecane         | 254 | C18H38  | 000593-45-3 | 94   |
| 3    |      | Heneicosane        | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |      | Nonadecane         | 268 | C19H40  | 000629-92-5 | 90   |
| 5    |      | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
Data File : BP018764.D  
Acq On : 12 Dec 2023 12:55  
Operator : MA/JU  
Sample : 05675-14  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

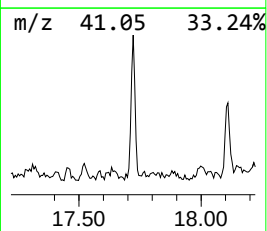
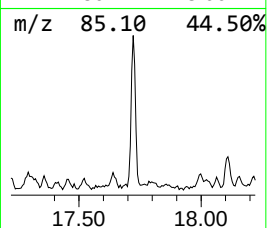
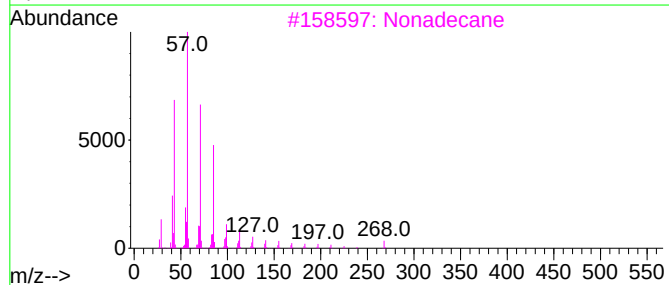
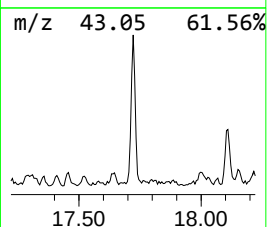
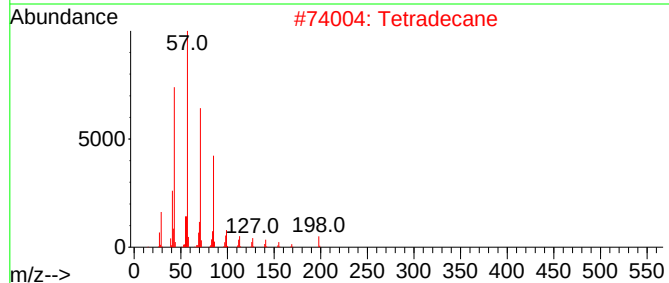
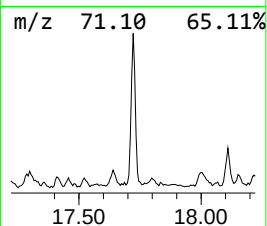
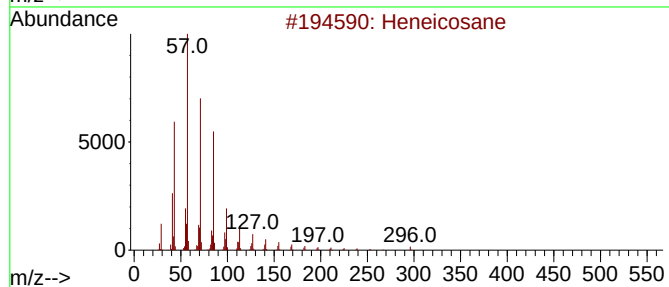
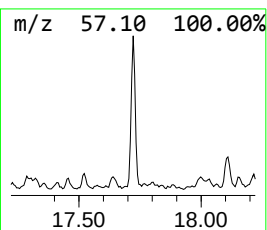
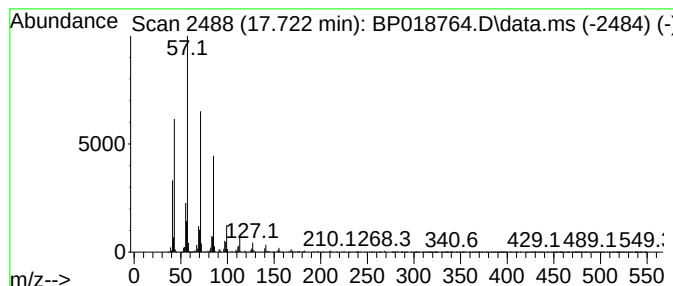
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.722 | 2.32 ng/ul | 251992 | Phenanthrene-d10 | 17.216 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 96   |
| 2    |    |   | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 95   |
| 3    |    |   | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 95   |
| 4    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 93   |
| 5    |    |   | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
Data File : BP018764.D  
Acq On : 12 Dec 2023 12:55  
Operator : MA/JU  
Sample : 05675-14  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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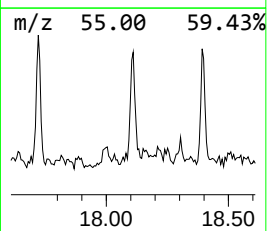
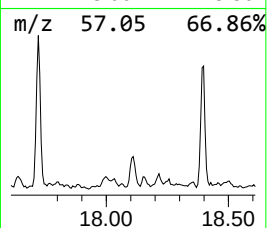
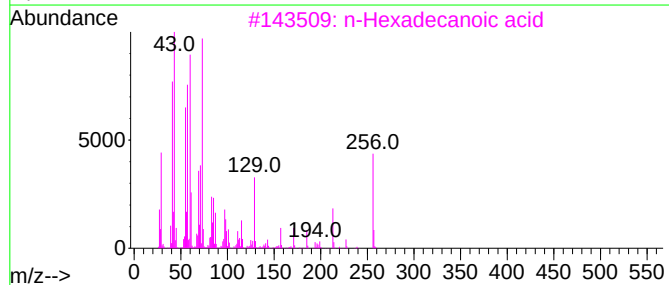
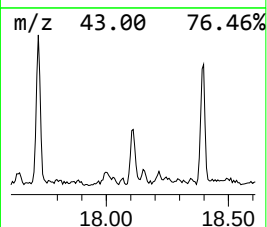
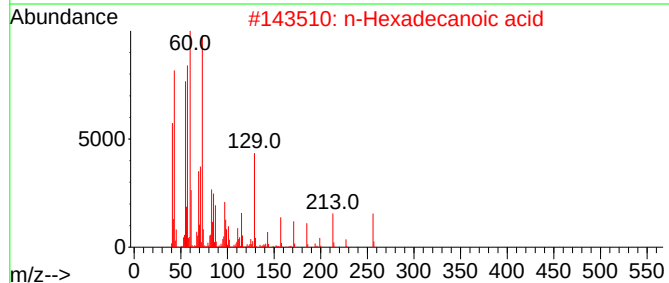
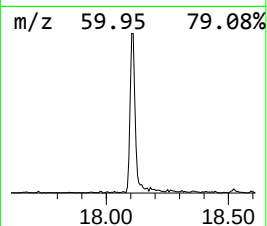
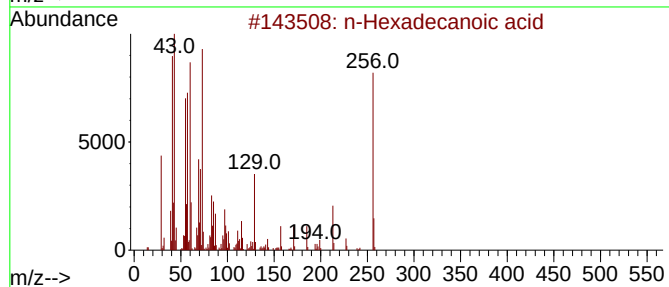
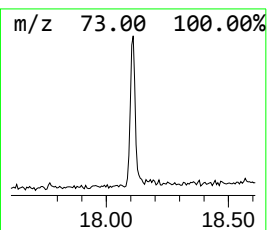
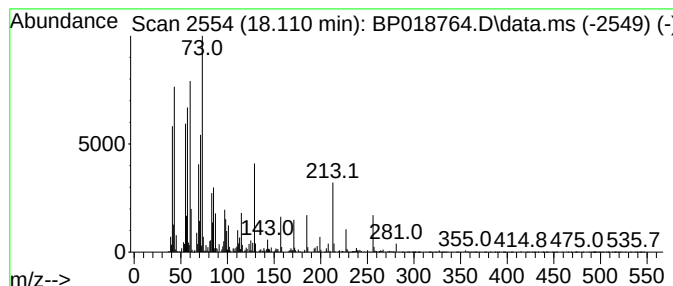
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.110 | 2.00 ng/ul | 216836 | Phenanthrene-d10 | 17.216 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
Data File : BP018764.D  
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Operator : MA/JU  
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Misc :  
ALS Vial : 43 Sample Multiplier: 1

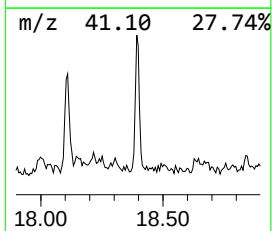
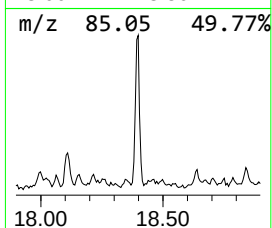
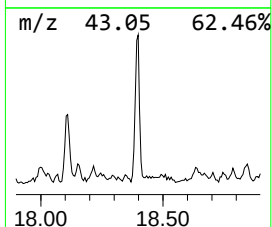
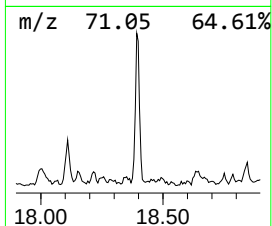
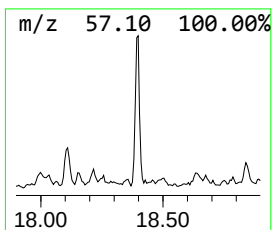
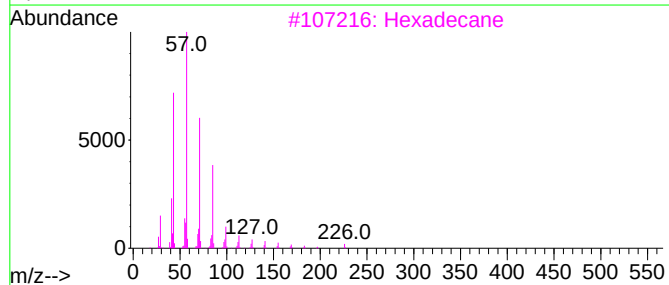
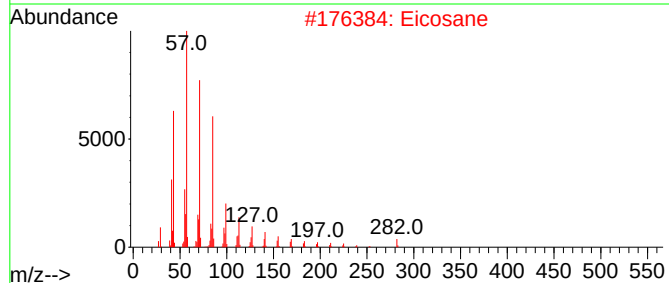
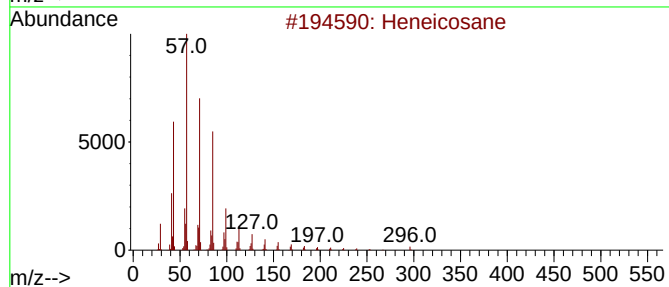
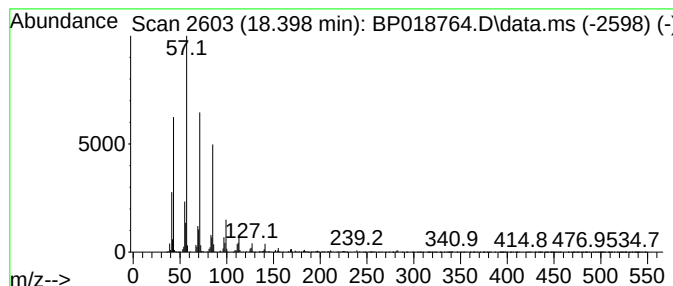
Instrument :  
BNA\_P  
ClientSampleId :  
H0AB7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.      | EstConc      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|--------|------------------|---------|-------------|------|
| 18.398    | 2.08 ng/ul   | 225656 | Phenanthrene-d10 |         | 17.216      |      |
| Hit# of 5 | Tentative ID |        | MW               | MolForm | CAS#        | Qual |
| 1         | Heneicosane  |        | 296              | C21H44  | 000629-94-7 | 96   |
| 2         | Eicosane     |        | 282              | C20H42  | 000112-95-8 | 96   |
| 3         | Hexadecane   |        | 226              | C16H34  | 000544-76-3 | 93   |
| 4         | Nonadecane   |        | 268              | C19H40  | 000629-92-5 | 91   |
| 5         | Heptadecane  |        | 240              | C17H36  | 000629-78-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
Data File : BP018764.D  
Acq On : 12 Dec 2023 12:55  
Operator : MA/JU  
Sample : 05675-14  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
H0AB7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Hexanoic acid, ... | 9.140  | 4.5     | ng/ul | 223640   | 1                     | 7.840  | 988466  | 20.0 |
| (DEL) Alkane: S... | 14.369 | 2.1     | ng/ul | 190649   | 3                     | 14.469 | 1775020 | 20.0 |
| (DEL) Alkane: S... | 15.322 | 2.7     | ng/ul | 237757   | 3                     | 14.469 | 1775020 | 20.0 |
| 2-Bromo dodecane   | 16.186 | 3.7     | ng/ul | 403682   | 4                     | 17.216 | 2167760 | 20.0 |
| (DEL) Alkane: S... | 16.980 | 2.6     | ng/ul | 277819   | 4                     | 17.216 | 2167760 | 20.0 |
| (DEL) Alkane: S... | 17.722 | 2.3     | ng/ul | 251992   | 4                     | 17.216 | 2167760 | 20.0 |
| n-Hexadecanoic ... | 18.110 | 2.0     | ng/ul | 216836   | 4                     | 17.216 | 2167760 | 20.0 |
| (DEL) Alkane: S... | 18.398 | 2.1     | ng/ul | 225656   | 4                     | 17.216 | 2167760 | 20.0 |