

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011724\  
 Data File : BM043864.D  
 Acq On : 17 Jan 2024 13:23  
 Operator : MA/JU  
 Sample : P1130-16  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B00

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\_M\Methods\SFAM-EPA-BM010924.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM043864.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         | 3.352       | 24            | 28          | 37           | rBV      | 46297          | 69790         | 0.58%           | 0.074%        |
| 2         | 3.787       | 98            | 102         | 121          | rBV      | 233319         | 509056        | 4.25%           | 0.537%        |
| 3         | 4.093       | 151           | 154         | 160          | rVB      | 18290          | 25906         | 0.22%           | 0.027%        |
| 4         | 6.951       | 636           | 640         | 647          | rBV6     | 9784           | 21682         | 0.18%           | 0.023%        |
| 5         | 7.116       | 660           | 668         | 680          | rBV      | 205514         | 396990        | 3.32%           | 0.419%        |
| 6         | 7.281       | 689           | 696         | 710          | rBV      | 1221542        | 2007240       | 16.78%          | 2.117%        |
| 7         | 7.469       | 721           | 728         | 738          | rBV      | 1038082        | 1750315       | 14.63%          | 1.846%        |
| 8         | 7.940       | 801           | 808         | 816          | rBV      | 878704         | 1457805       | 12.18%          | 1.538%        |
| 9         | 8.204       | 849           | 853         | 862          | rVB7     | 9609           | 17292         | 0.14%           | 0.018%        |
| 10        | 8.663       | 924           | 931         | 943          | rBV      | 719119         | 1234038       | 10.31%          | 1.302%        |
| 11        | 8.787       | 947           | 952         | 958          | rVB      | 29249          | 52799         | 0.44%           | 0.056%        |
| 12        | 9.122       | 1001          | 1009        | 1020         | rBV      | 1495013        | 2575447       | 21.53%          | 2.717%        |
| 13        | 9.228       | 1022          | 1027        | 1033         | rVV3     | 16599          | 30847         | 0.26%           | 0.033%        |
| 14        | 9.839       | 1122          | 1131        | 1143         | rBV      | 1187690        | 2011638       | 16.81%          | 2.122%        |
| 15        | 10.381      | 1214          | 1223        | 1244         | rBV      | 1458485        | 2794284       | 23.36%          | 2.947%        |
| 16        | 10.751      | 1276          | 1286        | 1295         | rBV      | 1319686        | 2226449       | 18.61%          | 2.348%        |
| 17        | 10.904      | 1304          | 1312        | 1336         | rBV      | 1425053        | 2892089       | 24.17%          | 3.051%        |
| 18        | 11.316      | 1374          | 1382        | 1388         | rBV4     | 11290          | 23962         | 0.20%           | 0.025%        |
| 19        | 11.375      | 1388          | 1392        | 1401         | rVB2     | 13175          | 26361         | 0.22%           | 0.028%        |
| 20        | 11.569      | 1420          | 1425        | 1431         | rBV9     | 10313          | 21555         | 0.18%           | 0.023%        |
| 21        | 11.775      | 1456          | 1460        | 1465         | rVB5     | 8877           | 15001         | 0.13%           | 0.016%        |
| 22        | 12.351      | 1553          | 1558        | 1567         | rVB      | 26881          | 50505         | 0.42%           | 0.053%        |
| 23        | 12.492      | 1576          | 1582        | 1587         | rBV7     | 11107          | 18377         | 0.15%           | 0.019%        |
| 24        | 12.857      | 1636          | 1644        | 1648         | rBV9     | 8404           | 16801         | 0.14%           | 0.018%        |
| 25        | 13.039      | 1668          | 1675        | 1687         | rBV2     | 55299          | 136486        | 1.14%           | 0.144%        |
| 26        | 13.486      | 1745          | 1751        | 1757         | rVB2     | 25169          | 44590         | 0.37%           | 0.047%        |
| 27        | 13.598      | 1766          | 1770        | 1775         | rVB3     | 12133          | 21549         | 0.18%           | 0.023%        |
| 28        | 14.010      | 1829          | 1840        | 1854         | rBV      | 3553580        | 4995580       | 41.75%          | 5.269%        |
| 29        | 14.280      | 1879          | 1886        | 1899         | rBV      | 4234244        | 6196941       | 51.80%          | 6.536%        |
| 30        | 14.392      | 1901          | 1905        | 1911         | rVB6     | 9496           | 18216         | 0.15%           | 0.019%        |
| 31        | 14.586      | 1931          | 1938        | 1947         | rBV      | 2186294        | 3179091       | 26.57%          | 3.353%        |
| 32        | 14.833      | 1972          | 1980        | 1997         | rBV2     | 119465         | 342831        | 2.87%           | 0.362%        |
| 33        | 15.004      | 2005          | 2009        | 2012         | rBV4     | 21973          | 31846         | 0.27%           | 0.034%        |
| 34        | 15.345      | 2063          | 2067        | 2070         | rBV3     | 14047          | 17289         | 0.14%           | 0.018%        |
| 35        | 15.416      | 2076          | 2079        | 2085         | rVB3     | 8139           | 13239         | 0.11%           | 0.014%        |
| 36        | 15.580      | 2100          | 2107        | 2122         | rBV      | 5488590        | 7858021       | 65.68%          | 8.289%        |

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 Sample : P1130-16  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B00

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\_M\Methods\SFAM-EPA-BM010924.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 37 | 15.721 | 2124 | 2131 | 2140 | rVV  | 1455881 | 2168226  | 18.12%  | 2.287%  |
| 38 | 15.798 | 2140 | 2144 | 2159 | rVB2 | 101784  | 211955   | 1.77%   | 0.224%  |
| 39 | 16.363 | 2233 | 2240 | 2248 | rVB5 | 19786   | 40444    | 0.34%   | 0.043%  |
| 40 | 16.486 | 2257 | 2261 | 2265 | rVB6 | 7388    | 12839    | 0.11%   | 0.014%  |
| 41 | 16.751 | 2301 | 2306 | 2310 | rBV6 | 10344   | 18233    | 0.15%   | 0.019%  |
| 42 | 16.898 | 2323 | 2331 | 2334 | rBV6 | 10949   | 23009    | 0.19%   | 0.024%  |
| 43 | 17.015 | 2348 | 2351 | 2358 | rVB8 | 10852   | 13890    | 0.12%   | 0.015%  |
| 44 | 17.339 | 2399 | 2406 | 2414 | rBV  | 2809214 | 3844735  | 32.14%  | 4.055%  |
| 45 | 17.439 | 2416 | 2423 | 2437 | rVV  | 6459003 | 9317267  | 77.88%  | 9.828%  |
| 46 | 17.563 | 2440 | 2444 | 2448 | rVB7 | 8272    | 13477    | 0.11%   | 0.014%  |
| 47 | 18.010 | 2515 | 2520 | 2525 | rBV6 | 26020   | 41935    | 0.35%   | 0.044%  |
| 48 | 18.080 | 2527 | 2532 | 2536 | rVB6 | 23603   | 35906    | 0.30%   | 0.038%  |
| 49 | 18.239 | 2554 | 2559 | 2565 | rBV3 | 51654   | 89800    | 0.75%   | 0.095%  |
| 50 | 18.315 | 2569 | 2572 | 2576 | rVB  | 19982   | 26977    | 0.23%   | 0.028%  |
| 51 | 18.662 | 2629 | 2631 | 2635 | rVB4 | 13019   | 14540    | 0.12%   | 0.015%  |
| 52 | 18.857 | 2662 | 2664 | 2670 | rVB5 | 16967   | 19672    | 0.16%   | 0.021%  |
| 53 | 19.298 | 2735 | 2739 | 2747 | rBV2 | 74830   | 118229   | 0.99%   | 0.125%  |
| 54 | 19.368 | 2747 | 2751 | 2755 | rBV2 | 64372   | 95731    | 0.80%   | 0.101%  |
| 55 | 19.515 | 2773 | 2776 | 2782 | rBV6 | 18453   | 33548    | 0.28%   | 0.035%  |
| 56 | 19.662 | 2799 | 2801 | 2805 | rVB4 | 20784   | 21293    | 0.18%   | 0.022%  |
| 57 | 19.733 | 2806 | 2813 | 2826 | rBV  | 8717317 | 11279964 | 94.28%  | 11.898% |
| 58 | 21.527 | 3113 | 3118 | 3130 | rBV  | 3115780 | 4272755  | 35.71%  | 4.507%  |
| 59 | 22.656 | 3307 | 3310 | 3316 | rVB  | 215882  | 293582   | 2.45%   | 0.310%  |
| 60 | 23.221 | 3402 | 3406 | 3412 | rVB  | 316221  | 483968   | 4.05%   | 0.510%  |
| 61 | 23.797 | 3496 | 3504 | 3510 | rBV2 | 6305344 | 11964318 | 100.00% | 12.620% |
| 62 | 23.856 | 3511 | 3514 | 3521 | rVV  | 460353  | 799970   | 6.69%   | 0.844%  |
| 63 | 23.950 | 3523 | 3530 | 3544 | rVB  | 2210238 | 4559332  | 38.11%  | 4.809%  |
| 64 | 24.597 | 3634 | 3640 | 3649 | rVB  | 417789  | 920119   | 7.69%   | 0.971%  |
| 65 | 25.456 | 3781 | 3786 | 3796 | rVB  | 416503  | 968135   | 8.09%   | 1.021%  |

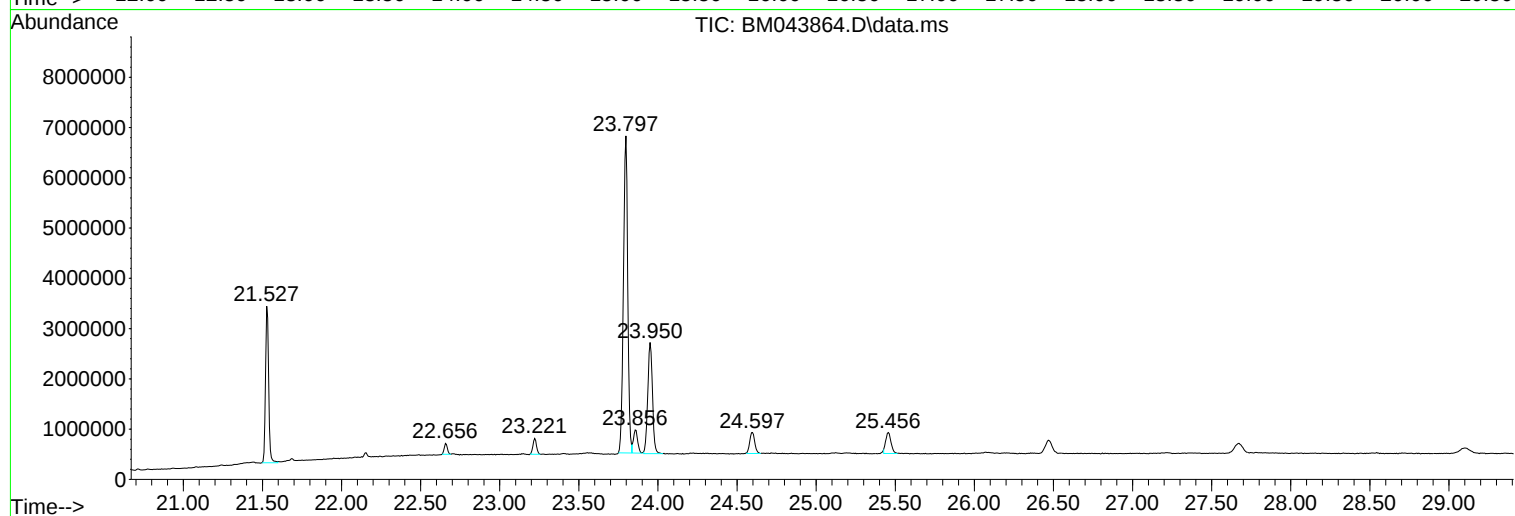
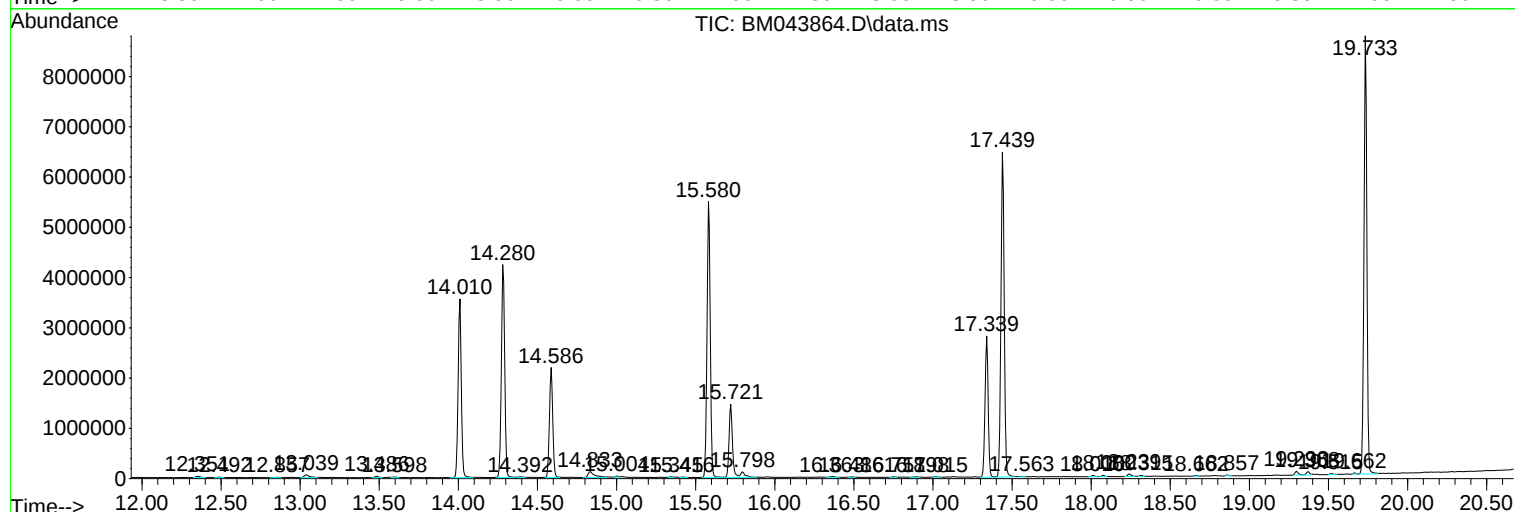
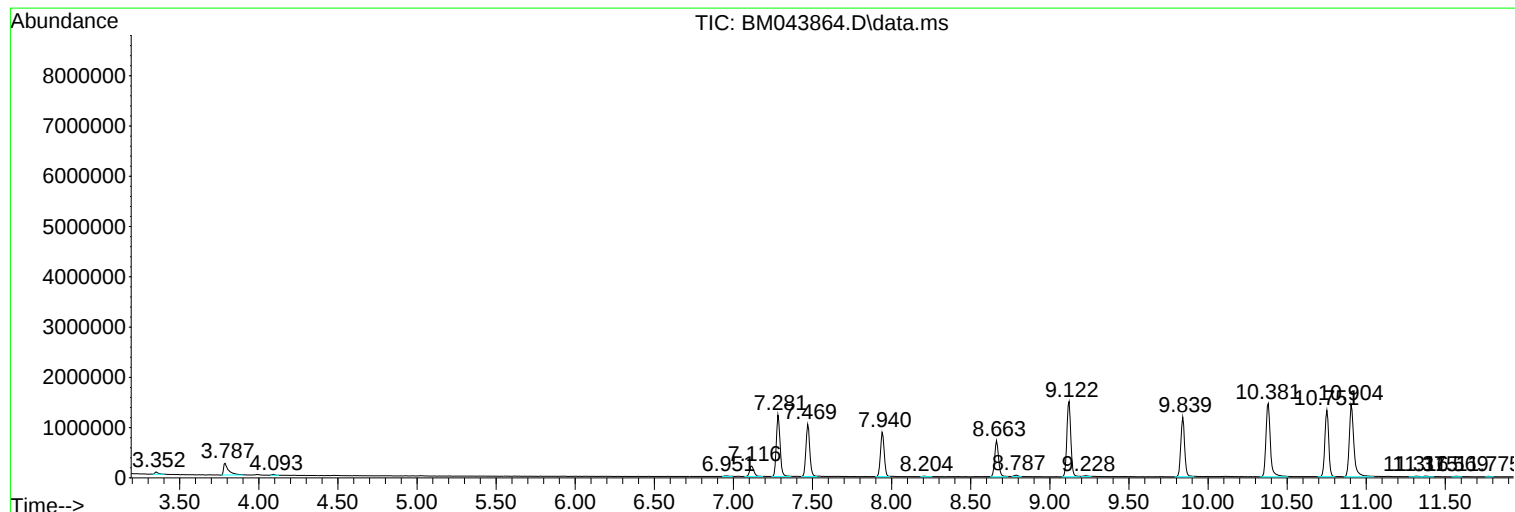
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Sample : P1130-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM010924.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011724\  
Data File : BM043864.D  
Acq On : 17 Jan 2024 13:23  
Operator : MA/JU  
Sample : P1130-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B00

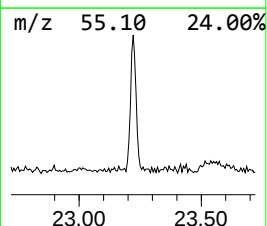
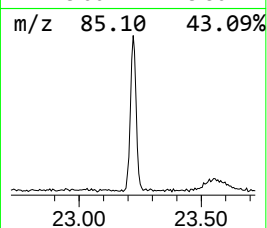
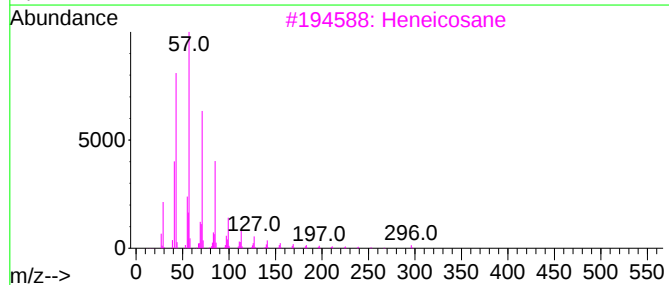
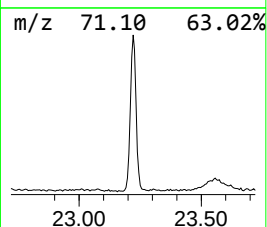
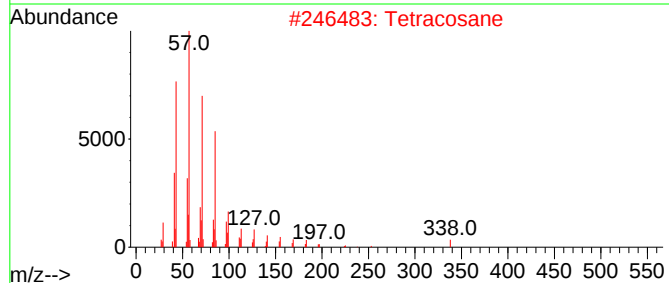
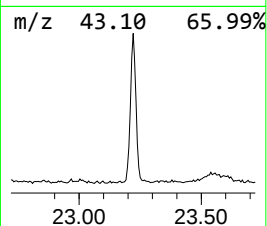
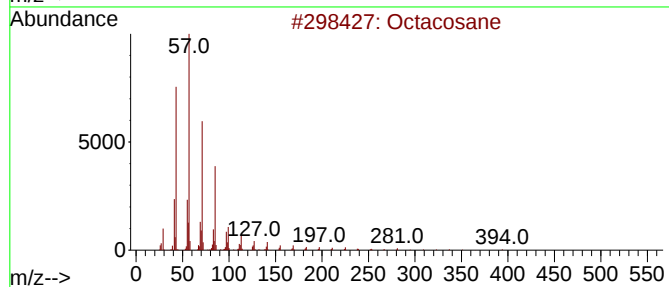
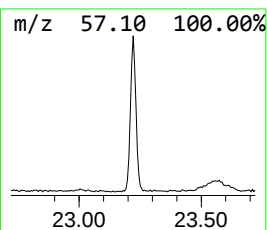
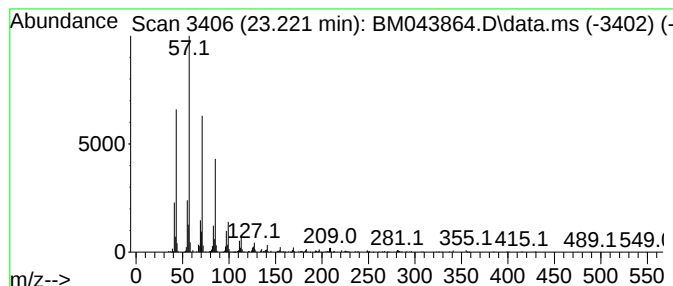
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Quant Title : SVOA CALIBRATION

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

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.221 | 2.12 ng/ul | 483968 | Perylene-d12     | 23.950 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Octacosane   | 394 | C28H58  | 000630-02-4 | 90   |
| 2    |      | Tetracosane  | 338 | C24H50  | 000646-31-1 | 87   |
| 3    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 87   |
| 4    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 87   |
| 5    |      | Heptacosane  | 380 | C27H56  | 000593-49-7 | 87   |



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Sample : P1130-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM010924.MA.M  
Quant Title : SVOA CALIBRATION

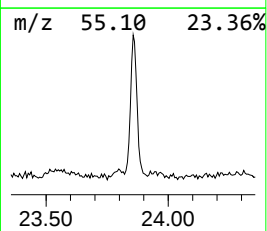
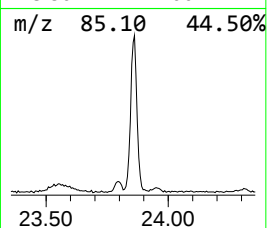
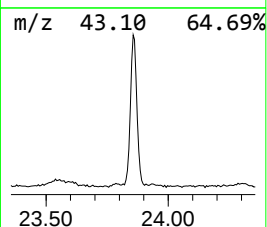
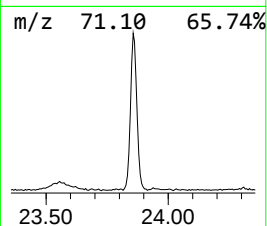
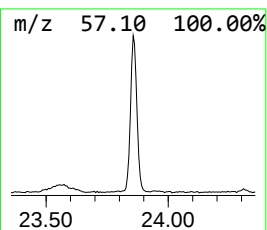
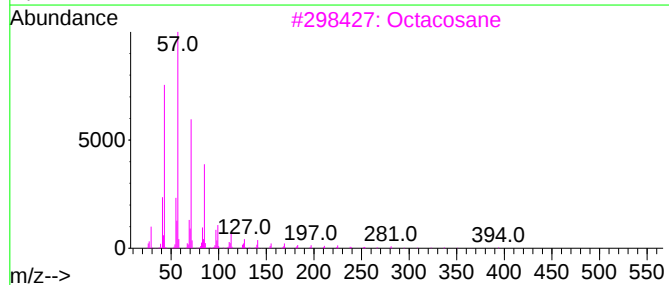
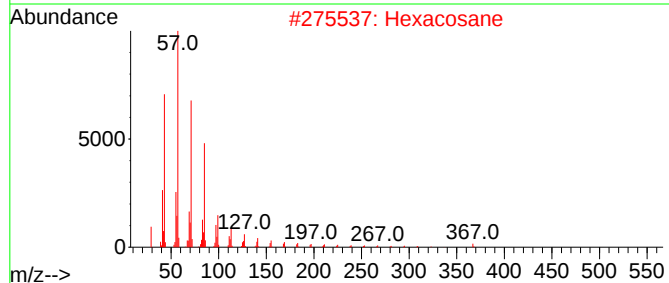
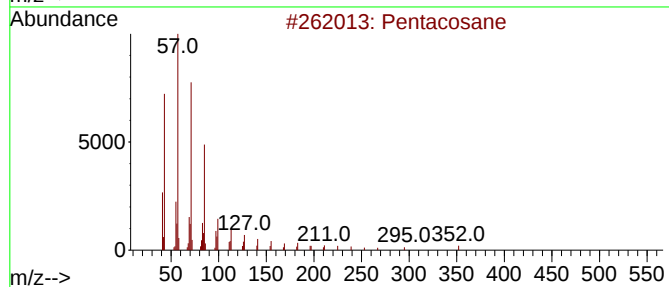
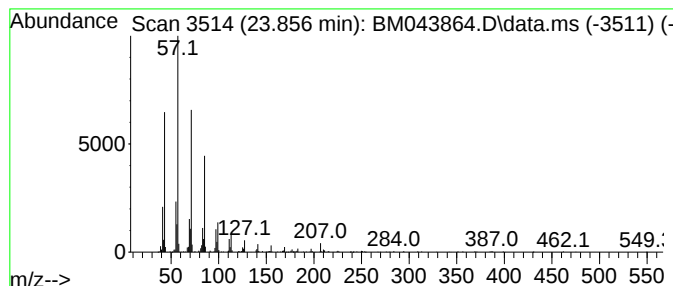
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.856 | 3.51 ng/ul | 799970 | Perylene-d12     | 23.950 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Pentacosane           | 352 | C25H52  | 000629-99-2 | 91   |
| 2    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 90   |
| 3    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 90   |
| 5    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 90   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM010924.MA.M  
Quant Title : SVOA CALIBRATION

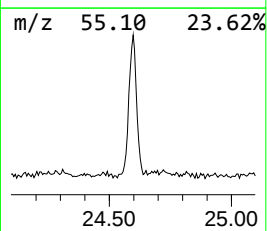
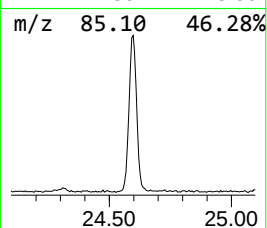
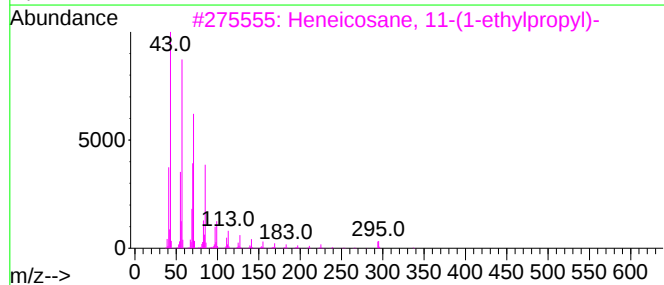
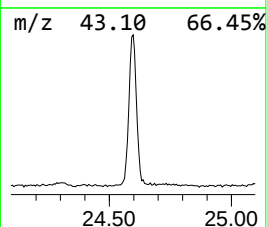
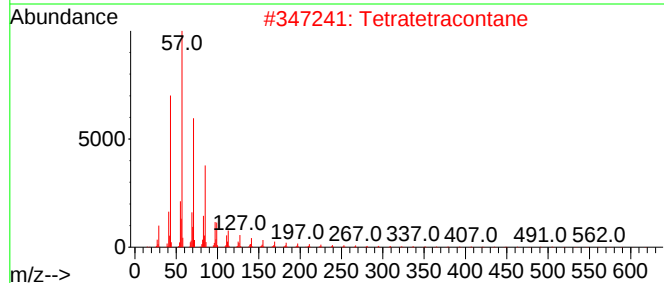
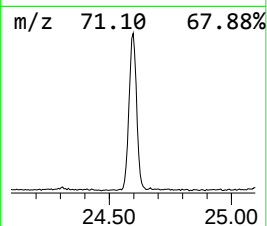
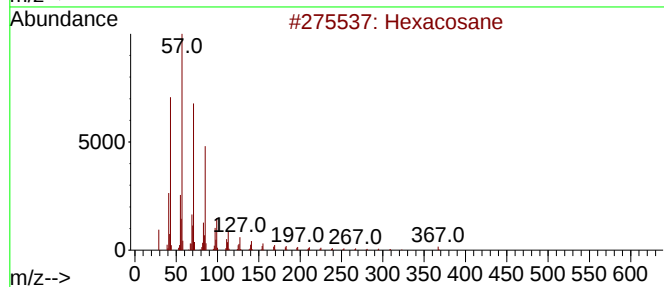
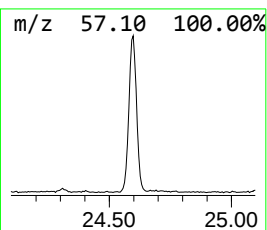
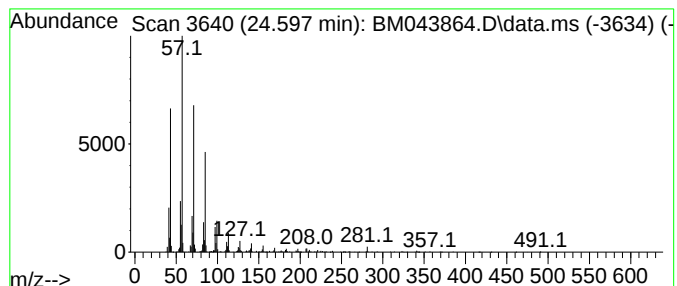
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.597 | 4.04 ng/ul | 920119 | Perylene-d12     | 23.950 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane                       | 366 | C26H54  | 000630-01-3 | 91   |
| 2    |    |   | Tetratetracontane                | 619 | C44H90  | 007098-22-8 | 91   |
| 3    |    |   | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 91   |
| 4    |    |   | Octacosane                       | 394 | C28H58  | 000630-02-4 | 91   |
| 5    |    |   | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 91   |



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Sample : P1130-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

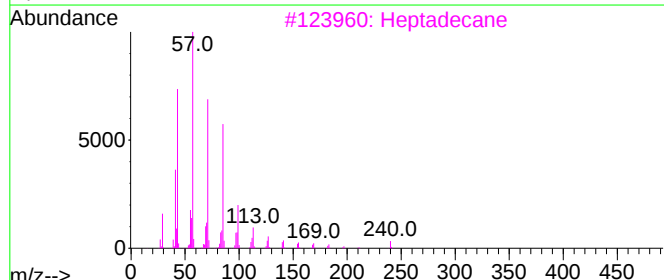
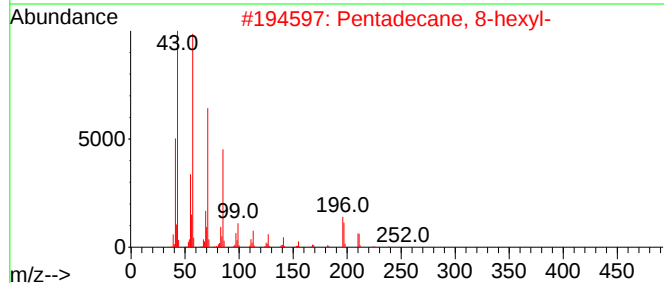
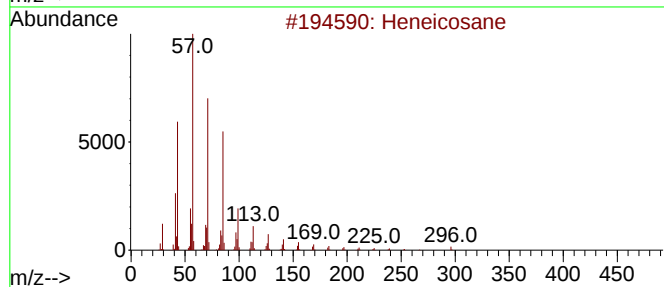
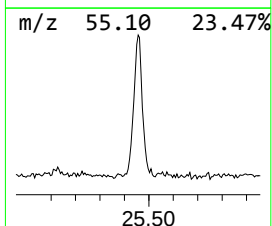
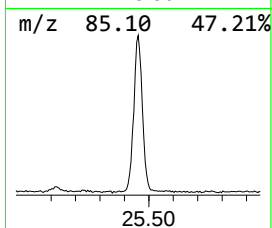
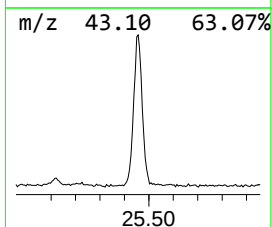
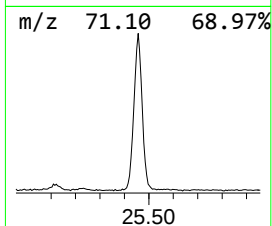
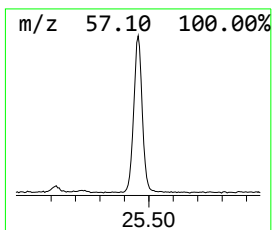
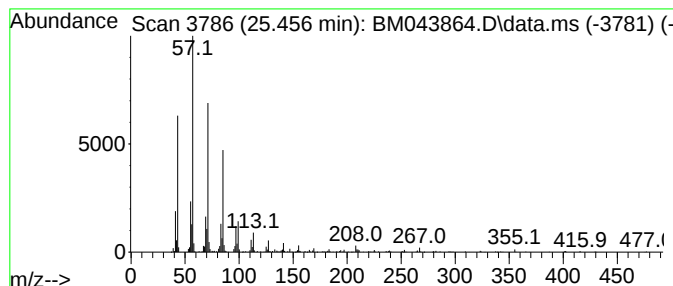
Instrument :  
BNA\_M  
ClientSampleId :  
C0B00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM010924.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc               | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|--------|------------------|---------|-------------|------|
| 25.456    | 4.25 ng/ul            | 968135 | Perylene-d12     |         | 23.950      |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#        | Qual |
| 1         | Heneicosane           |        | 296              | C21H44  | 000629-94-7 | 97   |
| 2         | Pentadecane, 8-hexyl- |        | 296              | C21H44  | 013475-75-7 | 93   |
| 3         | Heptadecane           |        | 240              | C17H36  | 000629-78-7 | 91   |
| 4         | Eicosane              |        | 282              | C20H42  | 000112-95-8 | 90   |
| 5         | Octacosane, 2-methyl- |        | 408              | C29H60  | 001560-98-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011724\  
Data File : BM043864.D  
Acq On : 17 Jan 2024 13:23  
Operator : MA/JU  
Sample : P1130-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM010924.MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |  |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|--|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |  |
| (DEL) Alkane: S... | 23.221 | 2.1     | ng/ul | 483968   | 6                     | 23.950 | 4559330 | 20.0 |  |
| (DEL) Alkane: S... | 23.856 | 3.5     | ng/ul | 799970   | 6                     | 23.950 | 4559330 | 20.0 |  |
| (DEL) Alkane: S... | 24.597 | 4.0     | ng/ul | 920119   | 6                     | 23.950 | 4559330 | 20.0 |  |
| (DEL) Alkane: S... | 25.456 | 4.3     | ng/ul | 968135   | 6                     | 23.950 | 4559330 | 20.0 |  |