

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081623\  
 Data File : BP016623.D  
 Acq On : 17 Aug 2023 03:11  
 Operator : MA/JU  
 Sample : 03967-21  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A48M9

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-BP081423.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016623.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         | 3.393       | 14            | 18          | 23           | rVB      | 25253          | 32553         | 0.57%           | 0.066%        |
| 2         | 3.846       | 92            | 95          | 99           | rBV      | 22596          | 35391         | 0.62%           | 0.072%        |
| 3         | 4.034       | 123           | 127         | 133          | rVB      | 28401          | 41602         | 0.73%           | 0.085%        |
| 4         | 4.152       | 145           | 147         | 152          | rVB3     | 10346          | 11620         | 0.20%           | 0.024%        |
| 5         | 4.546       | 210           | 214         | 215          | rBV4     | 5095           | 8036          | 0.14%           | 0.016%        |
| 6         | 5.093       | 302           | 307         | 312          | rBV      | 24123          | 37484         | 0.66%           | 0.076%        |
| 7         | 5.281       | 337           | 339         | 344          | rVB6     | 4431           | 6266          | 0.11%           | 0.013%        |
| 8         | 5.669       | 401           | 405         | 412          | rVB7     | 11760          | 23220         | 0.41%           | 0.047%        |
| 9         | 6.493       | 541           | 545         | 551          | rVB6     | 8189           | 12809         | 0.23%           | 0.026%        |
| 10        | 6.999       | 627           | 631         | 632          | rBV3     | 8087           | 9677          | 0.17%           | 0.020%        |
| 11        | 7.193       | 657           | 664         | 677          | rBV      | 408718         | 694536        | 12.24%          | 1.416%        |
| 12        | 7.387       | 688           | 697         | 706          | rBV      | 363622         | 580710        | 10.24%          | 1.184%        |
| 13        | 7.569       | 722           | 728         | 736          | rBV      | 402514         | 639098        | 11.27%          | 1.303%        |
| 14        | 7.646       | 737           | 741         | 746          | rVB2     | 14338          | 22936         | 0.40%           | 0.047%        |
| 15        | 8.052       | 803           | 810         | 818          | rBV      | 661495         | 1047865       | 18.47%          | 2.136%        |
| 16        | 8.387       | 863           | 867         | 875          | rVB8     | 4832           | 9871          | 0.17%           | 0.020%        |
| 17        | 8.587       | 899           | 901         | 906          | rVB5     | 3800           | 5674          | 0.10%           | 0.012%        |
| 18        | 8.752       | 920           | 929         | 939          | rBV      | 497274         | 814071        | 14.35%          | 1.660%        |
| 19        | 8.899       | 949           | 954         | 963          | rVB      | 66728          | 117909        | 2.08%           | 0.240%        |
| 20        | 9.246       | 1006          | 1013        | 1026         | rBV      | 408044         | 680287        | 11.99%          | 1.387%        |
| 21        | 9.369       | 1032          | 1034        | 1040         | rVB7     | 6949           | 8573          | 0.15%           | 0.017%        |
| 22        | 9.475       | 1049          | 1052        | 1057         | rBV7     | 4178           | 7185          | 0.13%           | 0.015%        |
| 23        | 9.963       | 1127          | 1135        | 1146         | rBV      | 299211         | 507654        | 8.95%           | 1.035%        |
| 24        | 10.075      | 1150          | 1154        | 1159         | rBV7     | 8565           | 14618         | 0.26%           | 0.030%        |
| 25        | 10.328      | 1194          | 1197        | 1200         | rBV5     | 4118           | 6322          | 0.11%           | 0.013%        |
| 26        | 10.487      | 1217          | 1224        | 1240         | rBV      | 472994         | 834396        | 14.71%          | 1.701%        |
| 27        | 10.710      | 1256          | 1262        | 1267         | rVB10    | 2386           | 5711          | 0.10%           | 0.012%        |
| 28        | 10.881      | 1284          | 1291        | 1305         | rBV      | 999659         | 1698736       | 29.94%          | 3.463%        |
| 29        | 11.040      | 1310          | 1318        | 1332         | rBV      | 429161         | 786276        | 13.86%          | 1.603%        |
| 30        | 11.575      | 1405          | 1409        | 1411         | rBV5     | 3617           | 6020          | 0.11%           | 0.012%        |
| 31        | 11.628      | 1414          | 1418        | 1425         | rVV9     | 5403           | 12538         | 0.22%           | 0.026%        |
| 32        | 11.893      | 1459          | 1463        | 1465         | rBV5     | 5830           | 7507          | 0.13%           | 0.015%        |
| 33        | 12.357      | 1536          | 1542        | 1545         | rBV7     | 7285           | 12547         | 0.22%           | 0.026%        |
| 34        | 12.463      | 1555          | 1560        | 1566         | rBV4     | 11150          | 22232         | 0.39%           | 0.045%        |
| 35        | 13.028      | 1652          | 1656        | 1663         | rVB10    | 5874           | 9260          | 0.16%           | 0.019%        |
| 36        | 13.287      | 1694          | 1700        | 1702         | rBV7     | 5261           | 8317          | 0.15%           | 0.017%        |

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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\_P\Methods\SFAM-EPA-BP081423.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 37 | 13.463 | 1728 | 1730 | 1734 | rBV5  | 5259    | 6438    | 0.11%   | 0.013%  |
| 38 | 13.551 | 1738 | 1745 | 1750 | rBV2  | 27606   | 48246   | 0.85%   | 0.098%  |
| 39 | 13.640 | 1755 | 1760 | 1762 | rBV5  | 5028    | 7422    | 0.13%   | 0.015%  |
| 40 | 13.887 | 1799 | 1802 | 1806 | rBV6  | 4202    | 5728    | 0.10%   | 0.012%  |
| 41 | 14.022 | 1821 | 1825 | 1829 | rBV6  | 5666    | 7225    | 0.13%   | 0.015%  |
| 42 | 14.110 | 1834 | 1840 | 1852 | rBV   | 1084492 | 1513970 | 26.69%  | 3.087%  |
| 43 | 14.404 | 1883 | 1890 | 1902 | rBV   | 1143274 | 1750109 | 30.85%  | 3.568%  |
| 44 | 14.628 | 1924 | 1928 | 1931 | rVB2  | 14068   | 18923   | 0.33%   | 0.039%  |
| 45 | 14.698 | 1934 | 1940 | 1948 | rBV   | 1663181 | 2513756 | 44.31%  | 5.125%  |
| 46 | 14.898 | 1967 | 1974 | 1998 | rBV   | 414725  | 795771  | 14.03%  | 1.622%  |
| 47 | 15.081 | 2002 | 2005 | 2010 | rVV5  | 18979   | 38160   | 0.67%   | 0.078%  |
| 48 | 15.134 | 2010 | 2014 | 2020 | rVB3  | 28856   | 47498   | 0.84%   | 0.097%  |
| 49 | 15.692 | 2100 | 2109 | 2123 | rBV   | 1620758 | 2473388 | 43.60%  | 5.043%  |
| 50 | 15.810 | 2123 | 2129 | 2140 | rVV   | 304474  | 447988  | 7.90%   | 0.913%  |
| 51 | 15.940 | 2147 | 2151 | 2160 | rVB10 | 8604    | 19134   | 0.34%   | 0.039%  |
| 52 | 16.316 | 2211 | 2215 | 2218 | rBV   | 22451   | 25848   | 0.46%   | 0.053%  |
| 53 | 16.422 | 2227 | 2233 | 2240 | rBV   | 137291  | 188973  | 3.33%   | 0.385%  |
| 54 | 17.469 | 2405 | 2411 | 2416 | rBV   | 2581240 | 3594244 | 63.36%  | 7.328%  |
| 55 | 17.510 | 2416 | 2418 | 2422 | rVV   | 46911   | 55794   | 0.98%   | 0.114%  |
| 56 | 17.569 | 2422 | 2428 | 2438 | rVV   | 2055241 | 2931353 | 51.67%  | 5.977%  |
| 57 | 17.645 | 2438 | 2441 | 2448 | rVB6  | 37535   | 52285   | 0.92%   | 0.107%  |
| 58 | 18.304 | 2549 | 2553 | 2562 | rBV   | 312960  | 540113  | 9.52%   | 1.101%  |
| 59 | 19.469 | 2748 | 2751 | 2757 | rVB   | 100938  | 129282  | 2.28%   | 0.264%  |
| 60 | 19.539 | 2759 | 2763 | 2770 | rBV3  | 152946  | 242156  | 4.27%   | 0.494%  |
| 61 | 19.798 | 2802 | 2807 | 2819 | rBV   | 3235149 | 4178416 | 73.66%  | 8.519%  |
| 62 | 20.263 | 2884 | 2886 | 2891 | rVB   | 99512   | 108993  | 1.92%   | 0.222%  |
| 63 | 20.751 | 2967 | 2969 | 2975 | rVB   | 112382  | 115547  | 2.04%   | 0.236%  |
| 64 | 21.216 | 3044 | 3048 | 3054 | rBV2  | 596733  | 1071009 | 18.88%  | 2.184%  |
| 65 | 21.563 | 3102 | 3107 | 3112 | rBV   | 3855424 | 5038294 | 88.81%  | 10.272% |
| 66 | 22.145 | 3203 | 3206 | 3209 | rBV   | 311730  | 382865  | 6.75%   | 0.781%  |
| 67 | 23.274 | 3394 | 3398 | 3404 | rVB   | 454935  | 724181  | 12.77%  | 1.476%  |
| 68 | 23.974 | 3510 | 3517 | 3534 | rVB2  | 2507241 | 5521893 | 97.34%  | 11.258% |
| 69 | 24.145 | 3540 | 3546 | 3557 | rVB   | 2596908 | 5672877 | 100.00% | 11.566% |

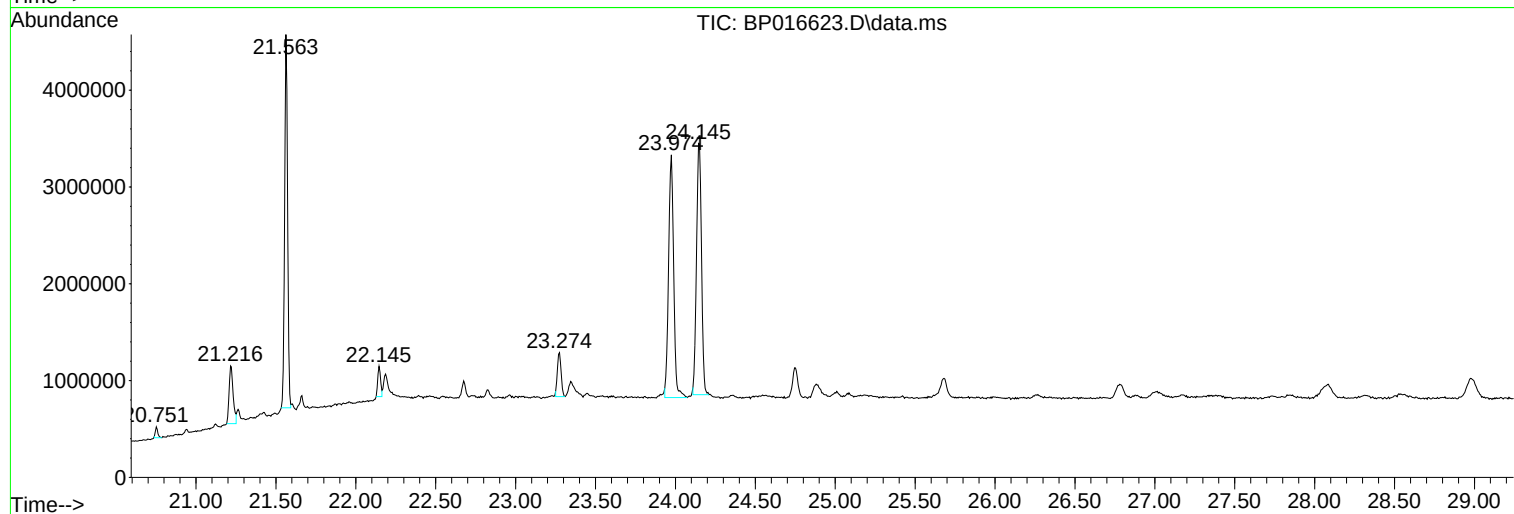
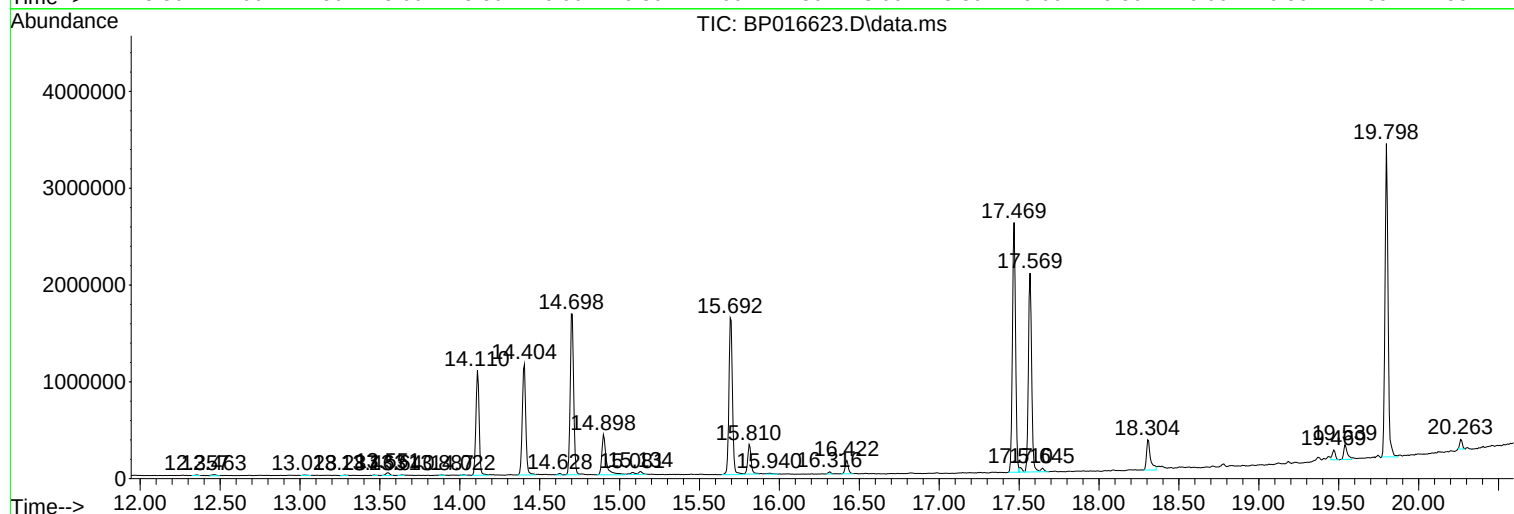
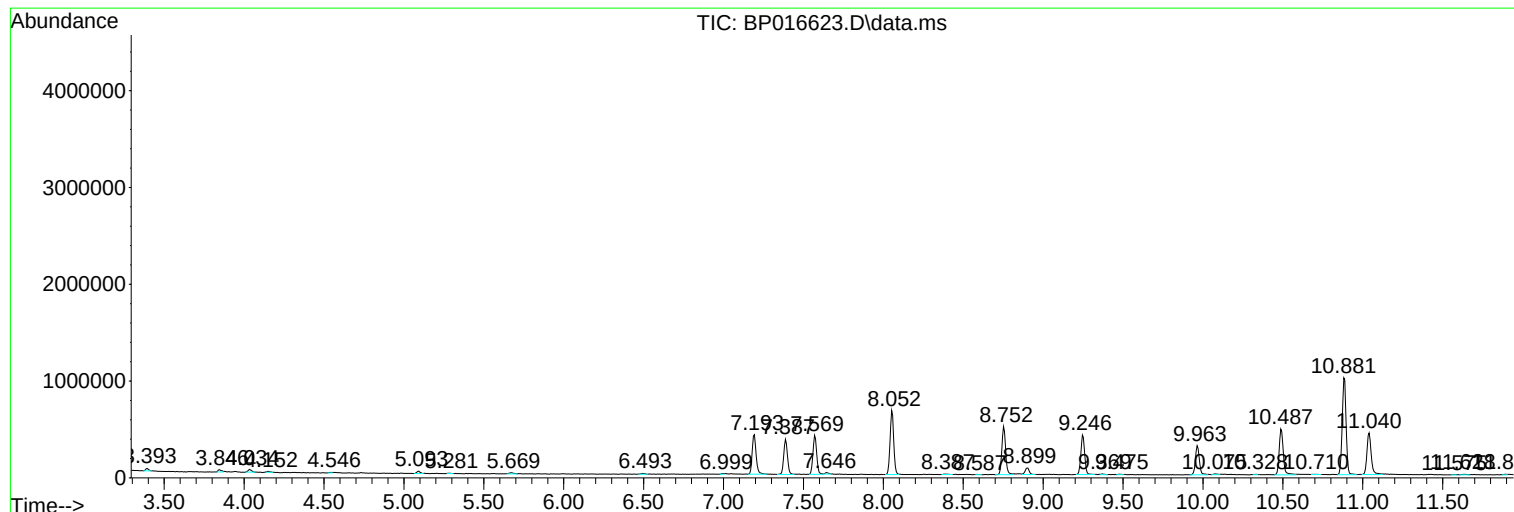
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ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
Quant Title : SVOA CALIBRATION

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



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Sample : 03967-21  
Misc :  
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Instrument :  
BNA\_P  
ClientSampleId :  
A48M9

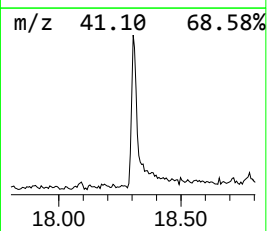
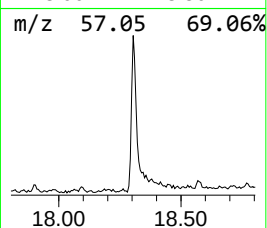
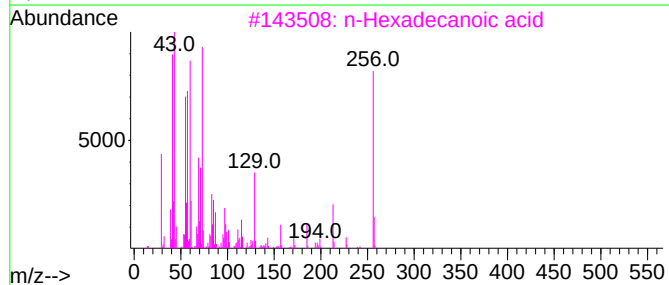
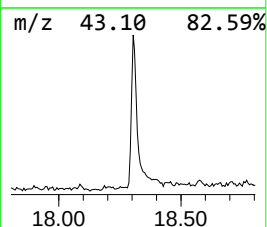
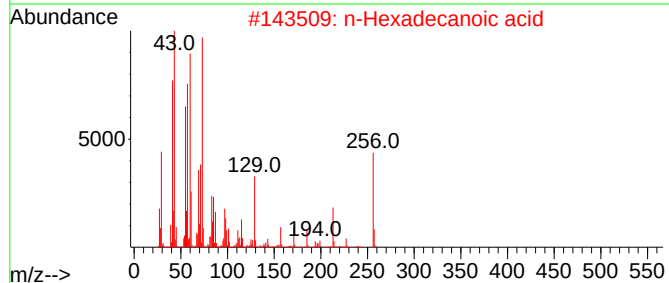
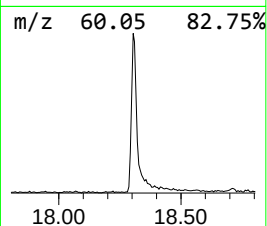
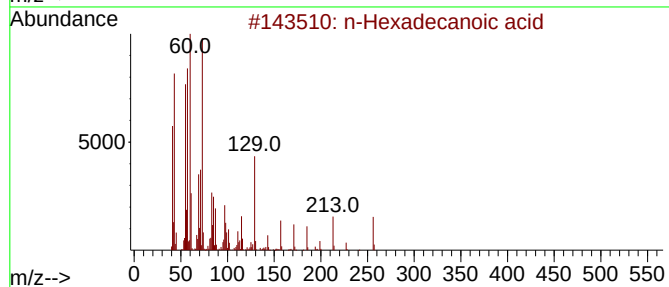
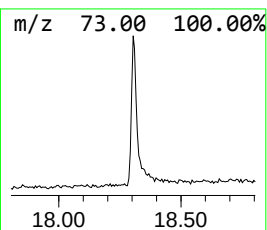
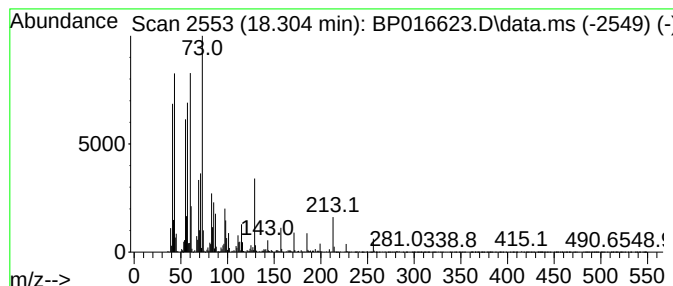
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.304 | 3.01 ng/ul | 540113 | Phenanthrene-d10 | 17.469 |

| 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 | 99      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 5    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 91      |      |      |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
Quant Title : SVOA CALIBRATION

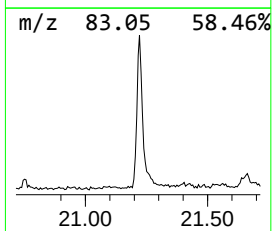
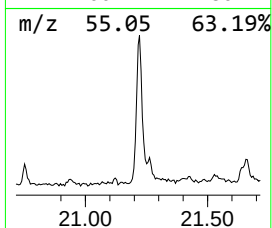
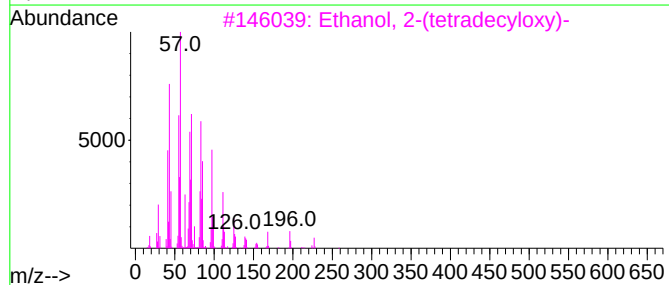
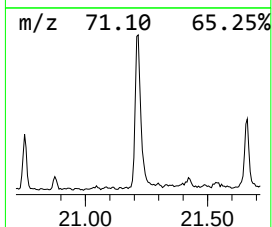
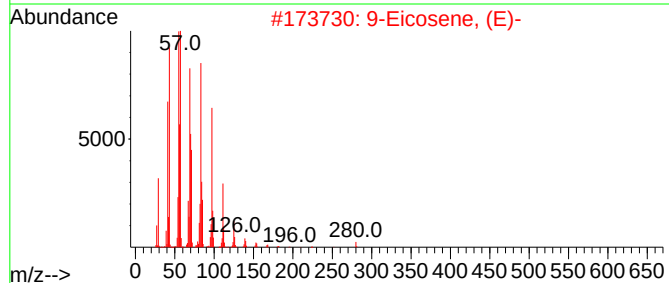
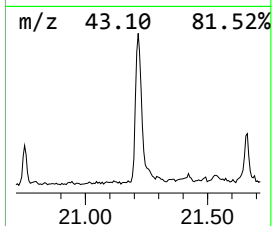
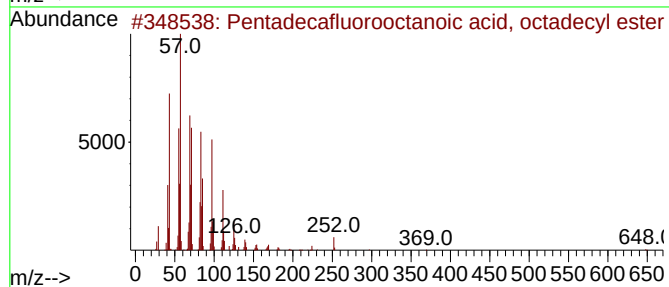
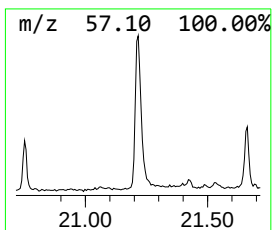
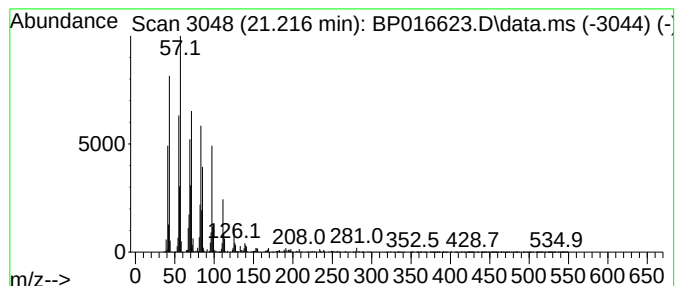
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Pentadecafluorooctanoic aci... Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.216 | 4.25 ng/ul | 1071010 | Chrysene-d12     | 21.563 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93   |
| 2    |    |   | 9-Eicosene, (E)-                    | 280 | C20H40      | 074685-29-3  | 92   |
| 3    |    |   | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1  | 91   |
| 4    |    |   | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4    | 1000309-38-1 | 91   |
| 5    |    |   | 1-Hexadecanesulfonyl chloride       | 324 | C16H33ClO2S | 038775-38-1  | 90   |



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Quant Title : SVOA CALIBRATION

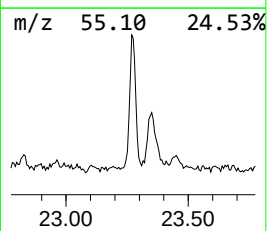
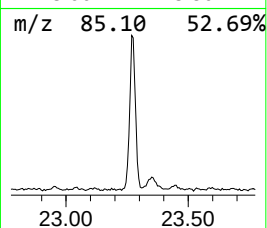
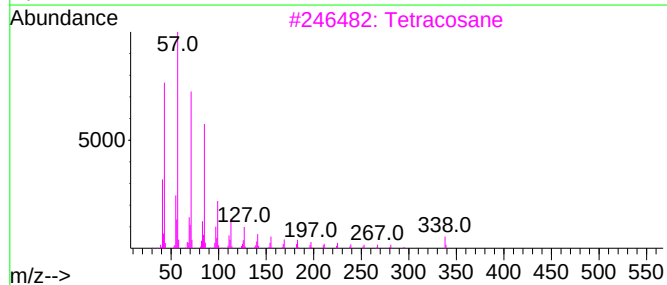
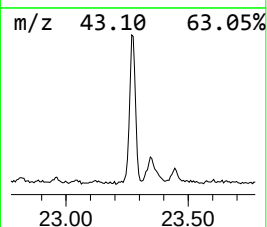
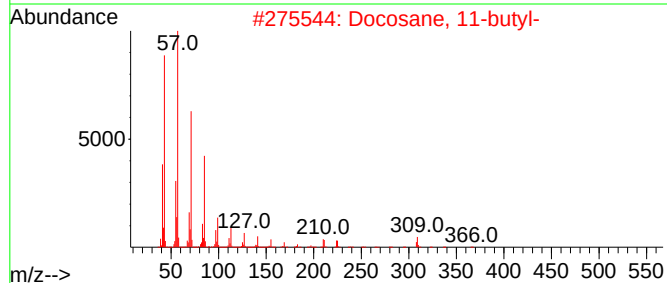
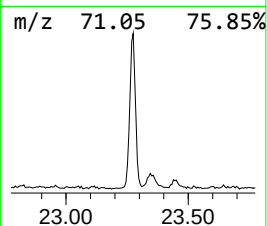
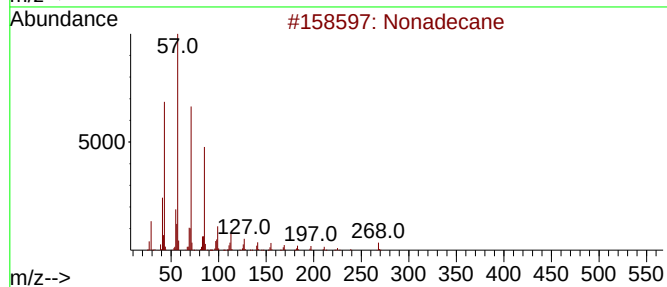
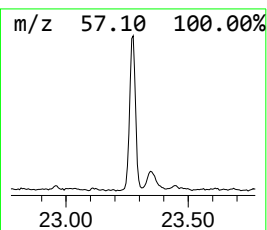
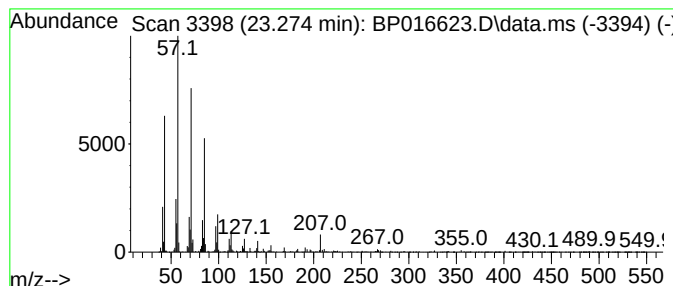
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.274 | 2.55 ng/ul | 724181 | Perylene-d12     | 24.145 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane          | 268 | C19H40  | 000629-92-5 | 93   |
| 2    |    |   | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8 | 93   |
| 3    |    |   | Tetracosane         | 338 | C24H50  | 000646-31-1 | 93   |
| 4    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    |   | Tetracosane         | 338 | C24H50  | 000646-31-1 | 87   |



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Acq On : 17 Aug 2023 03:11  
Operator : MA/JU  
Sample : 03967-21  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A48M9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.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 |
| n-Hexadecanoic ... | 18.304 | 3.0     | ng/ul | 540113   | 4                     | 17.469 | 3594240 | 20.0 |
| Pentadecafluoro... | 21.216 | 4.3     | ng/ul | 1071010  | 5                     | 21.563 | 5038290 | 20.0 |
| (DEL) Alkane: S... | 23.274 | 2.5     | ng/ul | 724181   | 6                     | 24.145 | 5672880 | 20.0 |