

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041822\  
 Data File : BP009935.D  
 Acq On : 19 Apr 2022 02:14  
 Operator : CG/JU  
 Sample : N2421-18  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0J80

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-BP040722.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP009935.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         | 3.116       | 3             | 5           | 21           | rVB      | 321866         | 454186        | 9.41%           | 1.064%        |
| 2         | 3.381       | 47            | 50          | 57           | rVB      | 20182          | 28967         | 0.60%           | 0.068%        |
| 3         | 3.799       | 118           | 121         | 137          | rBV      | 112018         | 204216        | 4.23%           | 0.479%        |
| 4         | 4.134       | 173           | 178         | 183          | rVB3     | 7706           | 13057         | 0.27%           | 0.031%        |
| 5         | 5.063       | 331           | 336         | 339          | rBV4     | 4392           | 7409          | 0.15%           | 0.017%        |
| 6         | 5.263       | 368           | 370         | 376          | rVB7     | 3768           | 5512          | 0.11%           | 0.013%        |
| 7         | 7.104       | 675           | 683         | 693          | rVB      | 136576         | 227243        | 4.71%           | 0.533%        |
| 8         | 7.275       | 705           | 712         | 722          | rBV      | 449561         | 722152        | 14.96%          | 1.692%        |
| 9         | 7.351       | 722           | 725         | 733          | rVB2     | 7550           | 12561         | 0.26%           | 0.029%        |
| 10        | 7.481       | 740           | 747         | 757          | rBV      | 450288         | 720075        | 14.92%          | 1.687%        |
| 11        | 7.581       | 761           | 764         | 768          | rVB6     | 3010           | 4898          | 0.10%           | 0.011%        |
| 12        | 7.951       | 816           | 827         | 835          | rBV      | 477295         | 770591        | 15.97%          | 1.806%        |
| 13        | 8.022       | 835           | 839         | 846          | rVB      | 9190           | 13455         | 0.28%           | 0.032%        |
| 14        | 8.651       | 939           | 946         | 956          | rBV      | 395263         | 657678        | 13.63%          | 1.541%        |
| 15        | 9.104       | 1016          | 1023        | 1033         | rBV      | 578640         | 1008966       | 20.91%          | 2.364%        |
| 16        | 9.287       | 1049          | 1054        | 1062         | rVB      | 4770           | 9440          | 0.20%           | 0.022%        |
| 17        | 9.563       | 1096          | 1101        | 1106         | rBV2     | 21478          | 33475         | 0.69%           | 0.078%        |
| 18        | 9.834       | 1138          | 1147        | 1161         | rBV      | 454803         | 783228        | 16.23%          | 1.835%        |
| 19        | 10.375      | 1230          | 1239        | 1254         | rBV      | 657420         | 1153510       | 23.90%          | 2.703%        |
| 20        | 10.545      | 1262          | 1268        | 1275         | rBV8     | 7548           | 15606         | 0.32%           | 0.037%        |
| 21        | 10.757      | 1296          | 1304        | 1317         | rVB      | 688101         | 1191598       | 24.69%          | 2.792%        |
| 22        | 10.886      | 1317          | 1326        | 1338         | rBV      | 761151         | 1332432       | 27.61%          | 3.122%        |
| 23        | 12.063      | 1521          | 1526        | 1532         | rVB6     | 4097           | 7853          | 0.16%           | 0.018%        |
| 24        | 12.192      | 1543          | 1548        | 1555         | rVB8     | 5179           | 10913         | 0.23%           | 0.026%        |
| 25        | 12.286      | 1555          | 1564        | 1567         | rBV6     | 5923           | 13273         | 0.28%           | 0.031%        |
| 26        | 12.339      | 1567          | 1573        | 1583         | rVB2     | 15470          | 30018         | 0.62%           | 0.070%        |
| 27        | 13.004      | 1681          | 1686        | 1693         | rVB10    | 3453           | 5494          | 0.11%           | 0.013%        |
| 28        | 13.422      | 1752          | 1757        | 1761         | rBV2     | 19176          | 25832         | 0.54%           | 0.061%        |
| 29        | 13.986      | 1846          | 1853        | 1867         | rBV      | 1567794        | 2232270       | 46.26%          | 5.231%        |
| 30        | 14.275      | 1892          | 1902        | 1913         | rBV      | 1649704        | 2443152       | 50.63%          | 5.725%        |
| 31        | 14.492      | 1934          | 1939        | 1944         | rBV4     | 7995           | 11713         | 0.24%           | 0.027%        |
| 32        | 14.580      | 1947          | 1954        | 1965         | rVV      | 1229206        | 1771140       | 36.70%          | 4.150%        |
| 33        | 14.663      | 1965          | 1968        | 1971         | rVB4     | 3530           | 5043          | 0.10%           | 0.012%        |
| 34        | 14.763      | 1976          | 1985        | 1992         | rBV      | 138404         | 225396        | 4.67%           | 0.528%        |
| 35        | 14.939      | 2009          | 2015        | 2020         | rVB10    | 4154           | 9231          | 0.19%           | 0.022%        |
| 36        | 14.998      | 2020          | 2025        | 2027         | rBV6     | 5565           | 8884          | 0.18%           | 0.021%        |

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 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0J80

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-BP040722.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.216 | 2058 | 2062 | 2067 | rBV8 | 4456    | 8614    | 0.18%   | 0.020%  |
| 38 | 15.386 | 2087 | 2091 | 2097 | rBV6 | 4267    | 7909    | 0.16%   | 0.019%  |
| 39 | 15.439 | 2097 | 2100 | 2104 | rVB6 | 4629    | 5237    | 0.11%   | 0.012%  |
| 40 | 15.574 | 2115 | 2123 | 2134 | rBV  | 2303617 | 3279858 | 67.97%  | 7.686%  |
| 41 | 15.680 | 2135 | 2141 | 2154 | rBV  | 747097  | 1072527 | 22.23%  | 2.513%  |
| 42 | 15.816 | 2159 | 2164 | 2169 | rVB2 | 24255   | 38538   | 0.80%   | 0.090%  |
| 43 | 16.263 | 2236 | 2240 | 2245 | rBV8 | 4923    | 8987    | 0.19%   | 0.021%  |
| 44 | 16.304 | 2245 | 2247 | 2252 | rVV6 | 3936    | 5524    | 0.11%   | 0.013%  |
| 45 | 16.363 | 2252 | 2257 | 2262 | rVB6 | 10196   | 15356   | 0.32%   | 0.036%  |
| 46 | 16.733 | 2317 | 2320 | 2323 | rBV5 | 5328    | 6554    | 0.14%   | 0.015%  |
| 47 | 17.016 | 2364 | 2368 | 2371 | rBV6 | 6028    | 9501    | 0.20%   | 0.022%  |
| 48 | 17.092 | 2377 | 2381 | 2383 | rBV4 | 7260    | 10428   | 0.22%   | 0.024%  |
| 49 | 17.110 | 2383 | 2384 | 2388 | rVV5 | 7519    | 10089   | 0.21%   | 0.024%  |
| 50 | 17.263 | 2405 | 2410 | 2414 | rBV8 | 3612    | 5846    | 0.12%   | 0.014%  |
| 51 | 17.333 | 2416 | 2422 | 2431 | rVV  | 1537477 | 2222996 | 46.07%  | 5.209%  |
| 52 | 17.433 | 2432 | 2439 | 2448 | rVV  | 2764175 | 3939655 | 81.64%  | 9.232%  |
| 53 | 17.521 | 2450 | 2454 | 2462 | rVB  | 10975   | 21057   | 0.44%   | 0.049%  |
| 54 | 18.004 | 2533 | 2536 | 2542 | rVB8 | 7280    | 10204   | 0.21%   | 0.024%  |
| 55 | 18.086 | 2547 | 2550 | 2555 | rBV7 | 5677    | 9762    | 0.20%   | 0.023%  |
| 56 | 18.216 | 2567 | 2572 | 2580 | rBV  | 192844  | 273011  | 5.66%   | 0.640%  |
| 57 | 18.633 | 2640 | 2643 | 2647 | rVB4 | 14827   | 15657   | 0.32%   | 0.037%  |
| 58 | 19.239 | 2742 | 2746 | 2751 | rBV2 | 40897   | 54022   | 1.12%   | 0.127%  |
| 59 | 19.304 | 2753 | 2757 | 2767 | rBV  | 43590   | 81434   | 1.69%   | 0.191%  |
| 60 | 19.445 | 2778 | 2781 | 2788 | rBV5 | 29811   | 41661   | 0.86%   | 0.098%  |
| 61 | 19.663 | 2812 | 2818 | 2828 | rBV  | 3693826 | 4825670 | 100.00% | 11.308% |
| 62 | 20.157 | 2899 | 2902 | 2906 | rBV5 | 24315   | 35326   | 0.73%   | 0.083%  |
| 63 | 21.121 | 3062 | 3066 | 3076 | rBV  | 994207  | 1266149 | 26.24%  | 2.967%  |
| 64 | 21.321 | 3097 | 3100 | 3105 | rBV  | 79728   | 96170   | 1.99%   | 0.225%  |
| 65 | 21.415 | 3111 | 3116 | 3122 | rBV  | 1875242 | 2393229 | 49.59%  | 5.608%  |
| 66 | 23.721 | 3500 | 3508 | 3515 | rBV2 | 2102183 | 4182326 | 86.67%  | 9.801%  |
| 67 | 23.880 | 3528 | 3535 | 3547 | rVB2 | 1062069 | 2213601 | 45.87%  | 5.187%  |
| 68 | 24.633 | 3659 | 3663 | 3677 | rVB4 | 139406  | 335996  | 6.96%   | 0.787%  |

Sum of corrected areas: 42673361



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ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0J80

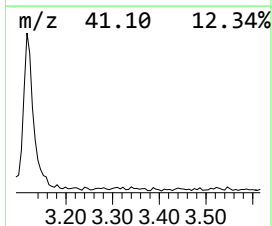
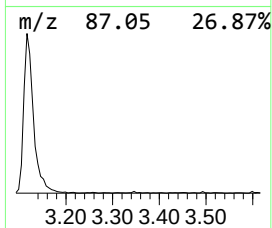
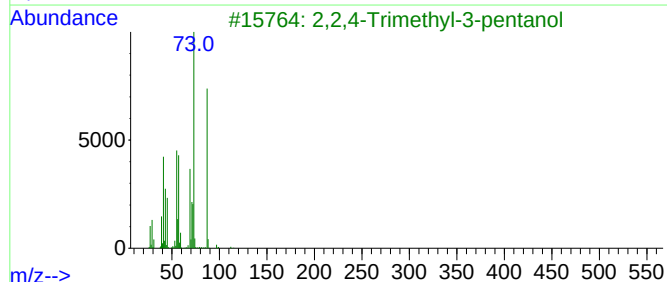
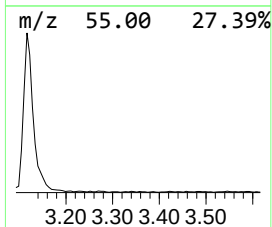
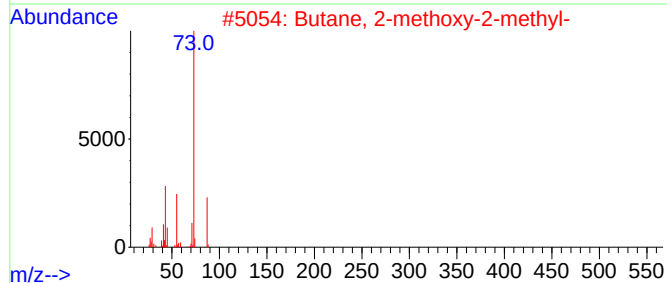
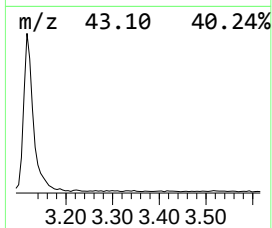
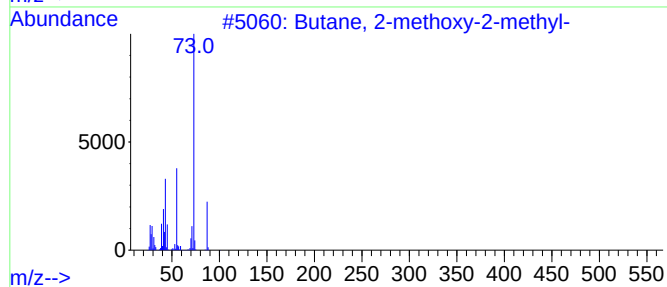
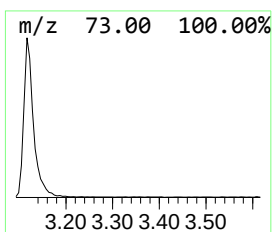
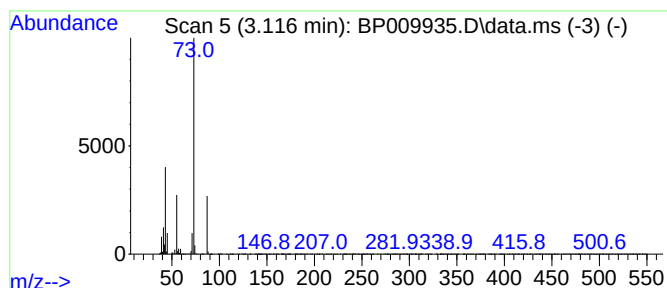
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.116 | 11.79 ng/ul | 454186 | 1,4-Dichlorobenzene-d4 | 7.951 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 28   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0J80

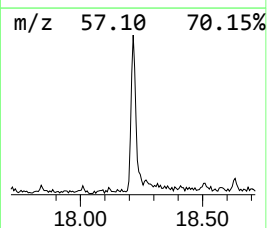
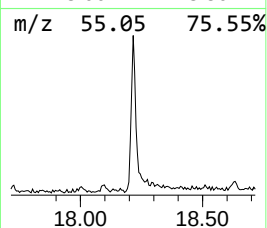
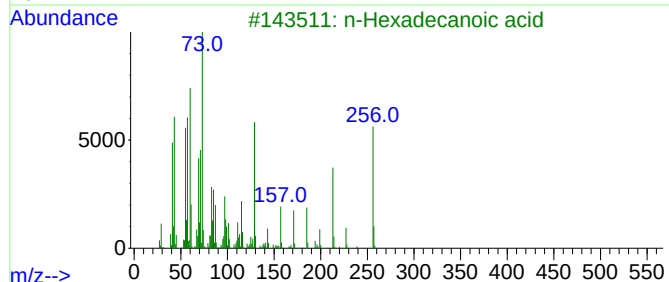
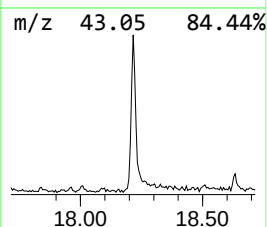
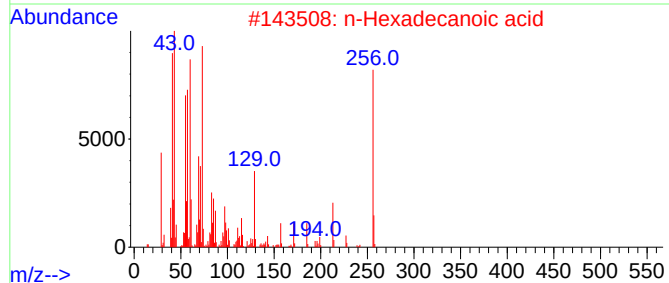
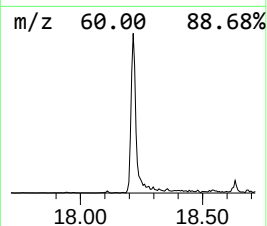
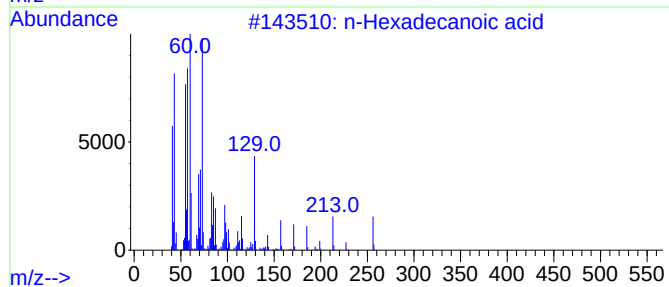
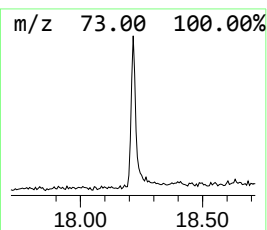
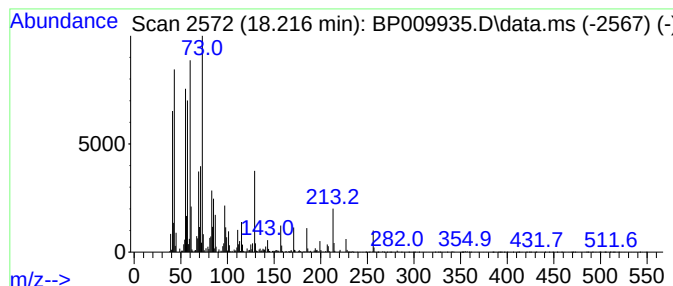
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.215 | 2.46 ng/ul | 273011 | Phenanthrene-d10 | 17.333 |

| 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 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |



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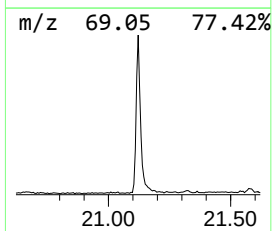
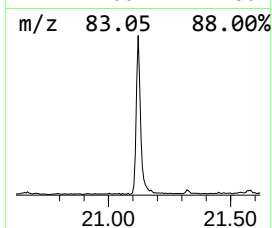
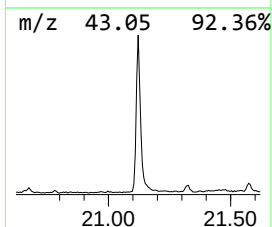
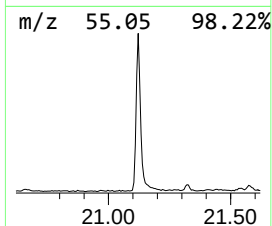
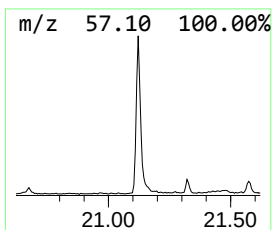
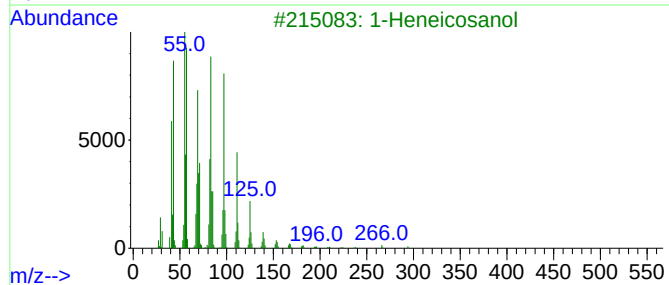
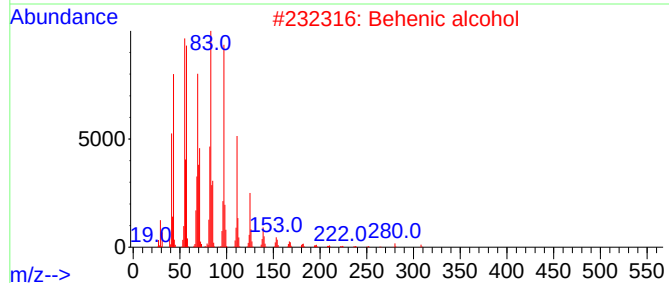
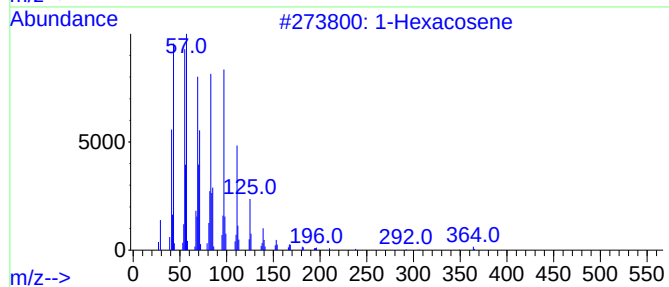
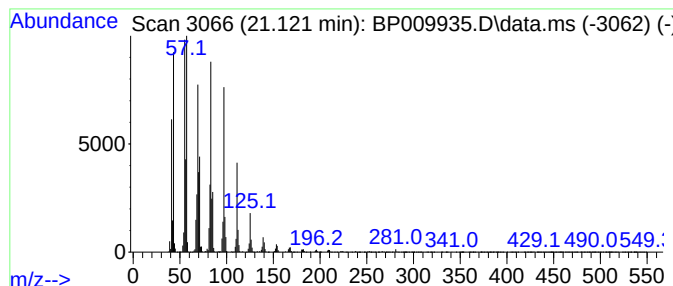
Instrument :  
BNA\_P  
ClientSampleId :  
C0J80

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.      | EstConc                     | Area    | Relative to ISTD |            | R.T.        |      |
|-----------|-----------------------------|---------|------------------|------------|-------------|------|
| 21.121    | 10.58 ng/ul                 | 1266150 | Chrysene-d12     |            | 21.415      |      |
| Hit# of 5 | Tentative ID                |         | MW               | MolForm    | CAS#        | Qual |
| 1         | 1-Hexacosene                |         | 364              | C26H52     | 018835-33-1 | 94   |
| 2         | Behenic alcohol             |         | 326              | C22H46O    | 000661-19-8 | 94   |
| 3         | 1-Heneicosanol              |         | 312              | C21H44O    | 015594-90-8 | 94   |
| 4         | Trifluoroacetoxy hexadecane |         | 338              | C18H33F3O2 | 006222-03-3 | 93   |
| 5         | 1-Tetracosene               |         | 336              | C24H48     | 010192-32-2 | 91   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

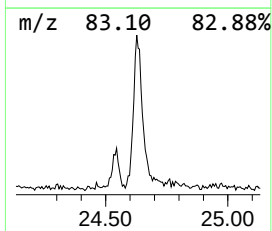
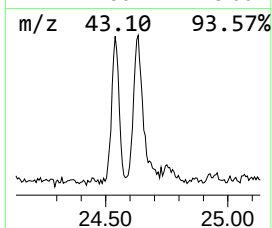
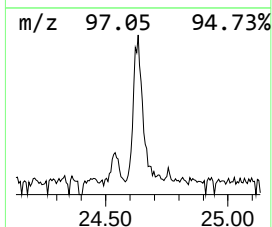
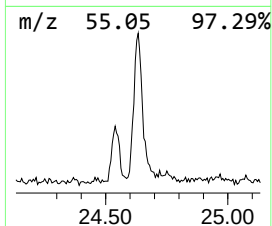
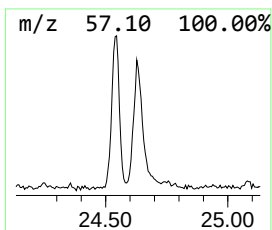
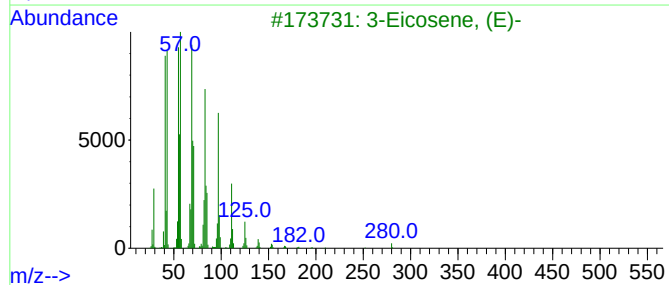
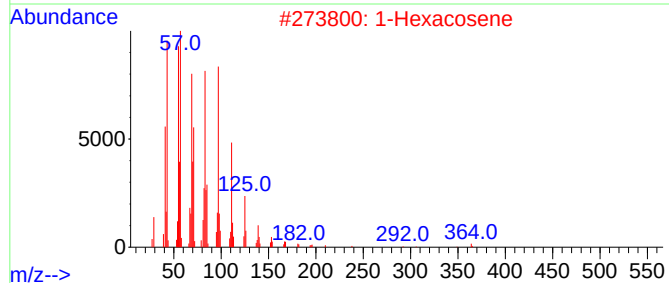
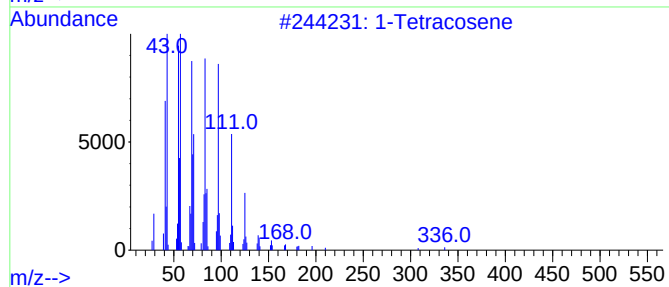
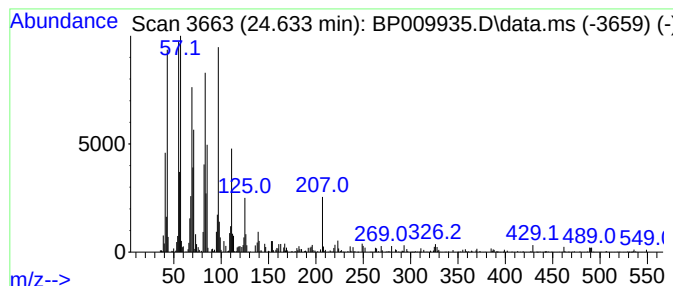
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.633 | 3.04 ng/ul | 335996 | Perylene-d12     | 23.880 |

| Hit# | of               | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Tetracosene    |   |              | 336 | C24H48  | 010192-32-2 | 93   |
| 2    | 1-Hexacosene     |   |              | 364 | C26H52  | 018835-33-1 | 91   |
| 3    | 3-Eicosene, (E)- |   |              | 280 | C20H40  | 074685-33-9 | 90   |
| 4    | Octacosanol      |   |              | 410 | C28H58O | 000557-61-9 | 87   |
| 5    | 1-Hexacosanol    |   |              | 382 | C26H54O | 000506-52-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041822\  
Data File : BP009935.D  
Acq On : 19 Apr 2022 02:14  
Operator : CG/JU  
Sample : N2421-18  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0J80

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.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 |
| Butane, 2-metho... | 3.116  | 11.8    | ng/ul | 454186   | 1                     | 7.951  | 770591  | 20.0 |
| n-Hexadecanoic ... | 18.215 | 2.5     | ng/ul | 273011   | 4                     | 17.333 | 2223000 | 20.0 |
| (DEL) Alkane: S... | 21.121 | 10.6    | ng/ul | 1266150  | 5                     | 21.415 | 2393230 | 20.0 |
| (DEL) Alkane: S... | 24.633 | 3.0     | ng/ul | 335996   | 6                     | 23.880 | 2213600 | 20.0 |