

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110821\  
 Data File : BG050941.D  
 Acq On : 10 Nov 2021 13:31  
 Operator : CG/JU  
 Sample : M4532-01DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GB858DL

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\_G\Methods\SFAM-EPA-BG110321.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG050941.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         | 3.625       | 19            | 23          | 33           | rVB      | 34679          | 54422         | 8.81%           | 1.105%        |
| 2         | 4.042       | 90            | 94          | 95           | rBV3     | 2859           | 3321          | 0.54%           | 0.067%        |
| 3         | 4.894       | 235           | 239         | 240          | rVB3     | 1232           | 1267          | 0.21%           | 0.026%        |
| 4         | 5.717       | 377           | 379         | 382          | rVB2     | 990            | 805           | 0.13%           | 0.016%        |
| 5         | 5.887       | 404           | 408         | 411          | rVB4     | 1484           | 1897          | 0.31%           | 0.039%        |
| 6         | 5.976       | 420           | 423         | 425          | rBV3     | 992            | 1142          | 0.18%           | 0.023%        |
| 7         | 6.064       | 436           | 438         | 442          | rBV4     | 808            | 791           | 0.13%           | 0.016%        |
| 8         | 6.498       | 511           | 512         | 517          | rVB2     | 888            | 784           | 0.13%           | 0.016%        |
| 9         | 6.692       | 543           | 545         | 549          | rBV4     | 586            | 882           | 0.14%           | 0.018%        |
| 10        | 7.051       | 602           | 606         | 609          | rBV4     | 783            | 1238          | 0.20%           | 0.025%        |
| 11        | 7.115       | 615           | 617         | 621          | rVB2     | 612            | 781           | 0.13%           | 0.016%        |
| 12        | 7.374       | 656           | 661         | 666          | rBV2     | 9060           | 16400         | 2.66%           | 0.333%        |
| 13        | 7.544       | 684           | 690         | 700          | rVB      | 32248          | 58434         | 9.46%           | 1.187%        |
| 14        | 7.756       | 720           | 726         | 733          | rVB      | 31532          | 56038         | 9.07%           | 1.138%        |
| 15        | 8.132       | 788           | 790         | 792          | rVB2     | 1194           | 915           | 0.15%           | 0.019%        |
| 16        | 8.149       | 792           | 793         | 795          | rBV2     | 1173           | 1172          | 0.19%           | 0.024%        |
| 17        | 8.232       | 800           | 807         | 815          | rVV      | 121749         | 219400        | 35.52%          | 4.456%        |
| 18        | 8.320       | 819           | 822         | 823          | rBV2     | 1182           | 1044          | 0.17%           | 0.021%        |
| 19        | 8.931       | 920           | 926         | 934          | rBV3     | 23668          | 43704         | 7.08%           | 0.888%        |
| 20        | 9.401       | 1000          | 1006        | 1016         | rBV      | 39375          | 72353         | 11.71%          | 1.469%        |
| 21        | 9.659       | 1046          | 1050        | 1056         | rVB2     | 2165           | 3600          | 0.58%           | 0.073%        |
| 22        | 9.994       | 1104          | 1107        | 1111         | rVB4     | 839            | 865           | 0.14%           | 0.018%        |
| 23        | 10.129      | 1124          | 1130        | 1140         | rVB3     | 28828          | 53341         | 8.64%           | 1.083%        |
| 24        | 10.270      | 1152          | 1154        | 1159         | rBV3     | 576            | 825           | 0.13%           | 0.017%        |
| 25        | 10.676      | 1217          | 1223        | 1232         | rBV2     | 33932          | 67257         | 10.89%          | 1.366%        |
| 26        | 11.052      | 1280          | 1287        | 1295         | rBV      | 170275         | 319650        | 51.75%          | 6.492%        |
| 27        | 11.193      | 1304          | 1311        | 1321         | rBV2     | 26624          | 52105         | 8.44%           | 1.058%        |
| 28        | 12.691      | 1563          | 1566        | 1570         | rBV2     | 628            | 772           | 0.12%           | 0.016%        |
| 29        | 12.967      | 1610          | 1613        | 1617         | rBV2     | 593            | 828           | 0.13%           | 0.017%        |
| 30        | 14.125      | 1808          | 1810        | 1815         | rBV3     | 634            | 1022          | 0.17%           | 0.021%        |
| 31        | 14.248      | 1823          | 1831        | 1839         | rBV      | 97243          | 153356        | 24.83%          | 3.114%        |
| 32        | 14.548      | 1876          | 1882        | 1889         | rBV      | 109545         | 171609        | 27.78%          | 3.485%        |
| 33        | 14.853      | 1927          | 1934        | 1942         | rBV      | 290845         | 454272        | 73.55%          | 9.226%        |
| 34        | 15.065      | 1968          | 1970        | 1973         | rBV3     | 1906           | 2769          | 0.45%           | 0.056%        |
| 35        | 15.147      | 1981          | 1984        | 1987         | rBV3     | 1401           | 1709          | 0.28%           | 0.035%        |
| 36        | 15.306      | 2008          | 2011        | 2015         | rBV3     | 523            | 814           | 0.13%           | 0.017%        |

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Integrator: RTE

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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\_G\Methods\SFAM-EPA-BG110321.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 15.459 | 2034 | 2037 | 2040 | rBV3 | 882    | 863    | 0.14%   | 0.018%  |
| 38 | 15.617 | 2061 | 2064 | 2068 | rVB3 | 1709   | 1907   | 0.31%   | 0.039%  |
| 39 | 15.770 | 2088 | 2090 | 2094 | rVB3 | 678    | 941    | 0.15%   | 0.019%  |
| 40 | 15.840 | 2094 | 2102 | 2110 | rBV  | 144821 | 227276 | 36.80%  | 4.616%  |
| 41 | 15.958 | 2117 | 2122 | 2130 | rBV2 | 23481  | 38540  | 6.24%   | 0.783%  |
| 42 | 16.381 | 2188 | 2194 | 2196 | rVB4 | 790    | 1454   | 0.24%   | 0.030%  |
| 43 | 16.504 | 2212 | 2215 | 2219 | rVB4 | 726    | 748    | 0.12%   | 0.015%  |
| 44 | 16.545 | 2219 | 2222 | 2226 | rBV4 | 700    | 827    | 0.13%   | 0.017%  |
| 45 | 16.775 | 2258 | 2261 | 2265 | rBV4 | 612    | 858    | 0.14%   | 0.017%  |
| 46 | 17.016 | 2298 | 2302 | 2308 | rVB5 | 485    | 922    | 0.15%   | 0.019%  |
| 47 | 17.386 | 2360 | 2365 | 2368 | rVB4 | 903    | 1553   | 0.25%   | 0.032%  |
| 48 | 17.597 | 2394 | 2401 | 2411 | rBV  | 371360 | 554099 | 89.71%  | 11.253% |
| 49 | 17.697 | 2411 | 2418 | 2428 | rVV  | 180915 | 278552 | 45.10%  | 5.657%  |
| 50 | 18.479 | 2549 | 2551 | 2554 | rBV  | 963    | 992    | 0.16%   | 0.020%  |
| 51 | 18.531 | 2556 | 2560 | 2562 | rBV  | 960    | 961    | 0.16%   | 0.020%  |
| 52 | 19.401 | 2704 | 2708 | 2714 | rVB4 | 780    | 1734   | 0.28%   | 0.035%  |
| 53 | 19.466 | 2718 | 2719 | 2723 | rBV3 | 667    | 866    | 0.14%   | 0.018%  |
| 54 | 19.536 | 2729 | 2731 | 2734 | rBV2 | 1932   | 2006   | 0.32%   | 0.041%  |
| 55 | 19.607 | 2739 | 2743 | 2748 | rBV5 | 2213   | 4174   | 0.68%   | 0.085%  |
| 56 | 19.824 | 2779 | 2780 | 2782 | rVB  | 1200   | 837    | 0.14%   | 0.017%  |
| 57 | 19.859 | 2782 | 2786 | 2787 | rBV3 | 1484   | 1862   | 0.30%   | 0.038%  |
| 58 | 19.971 | 2799 | 2805 | 2814 | rVB  | 215910 | 317841 | 51.46%  | 6.455%  |
| 59 | 20.353 | 2869 | 2870 | 2873 | rBV2 | 1112   | 994    | 0.16%   | 0.020%  |
| 60 | 21.487 | 3061 | 3063 | 3067 | rBV4 | 3324   | 3362   | 0.54%   | 0.068%  |
| 61 | 21.892 | 3125 | 3132 | 3143 | rVB  | 328112 | 551845 | 89.35%  | 11.207% |
| 62 | 22.045 | 3156 | 3158 | 3159 | rBV2 | 3484   | 2333   | 0.38%   | 0.047%  |
| 63 | 22.239 | 3189 | 3191 | 3193 | rBV3 | 2344   | 1156   | 0.19%   | 0.023%  |
| 64 | 22.679 | 3264 | 3266 | 3267 | rBV2 | 3928   | 2711   | 0.44%   | 0.055%  |
| 65 | 23.414 | 3389 | 3391 | 3397 | rVB5 | 11649  | 18804  | 3.04%   | 0.382%  |
| 66 | 24.260 | 3530 | 3535 | 3542 | rVB3 | 18083  | 37966  | 6.15%   | 0.771%  |
| 67 | 25.053 | 3660 | 3670 | 3681 | rBV  | 92148  | 266713 | 43.18%  | 5.417%  |
| 68 | 25.288 | 3699 | 3710 | 3725 | rVB3 | 191152 | 617639 | 100.00% | 12.543% |
| 69 | 26.463 | 3902 | 3910 | 3922 | rVB3 | 27543  | 85133  | 13.78%  | 1.729%  |
| 70 | 27.897 | 4148 | 4154 | 4165 | rVB5 | 21714  | 71969  | 11.65%  | 1.462%  |
| 71 | 32.251 | 4893 | 4895 | 4898 | rBV4 | 2300   | 1959   | 0.32%   | 0.040%  |

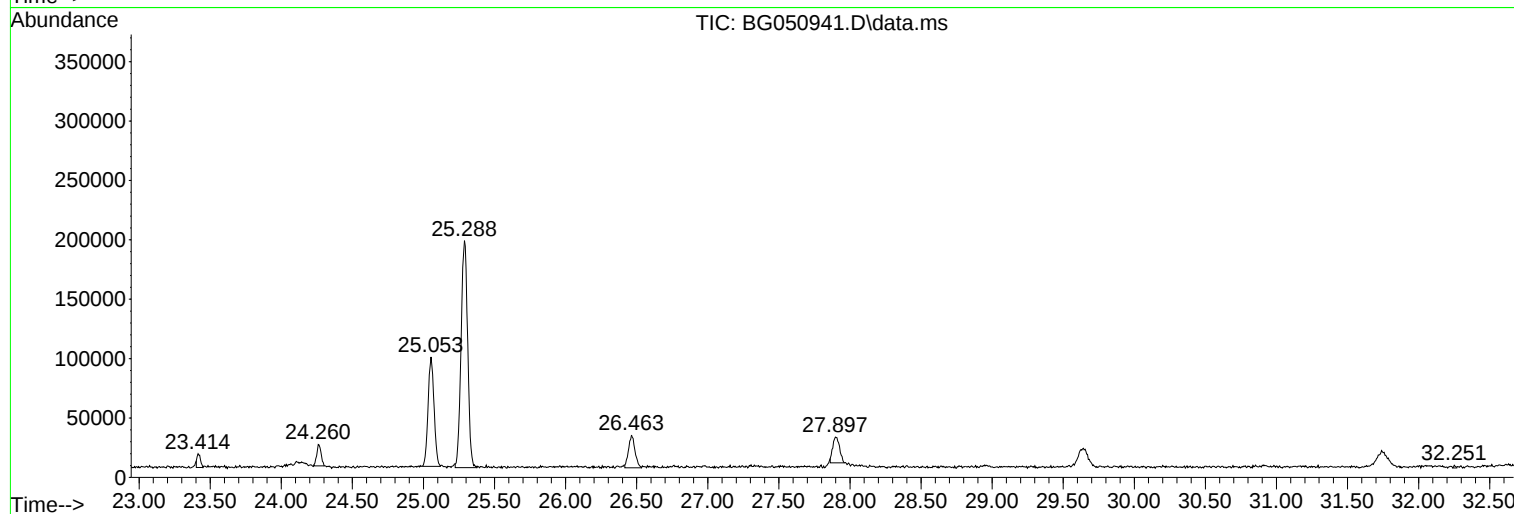
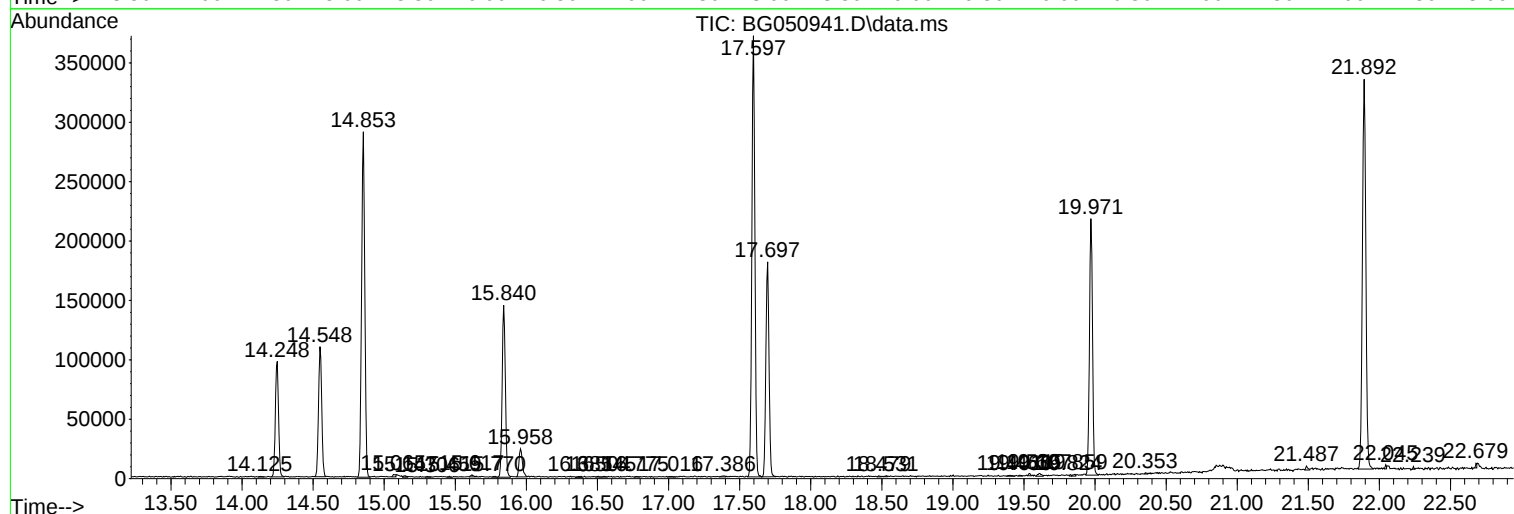
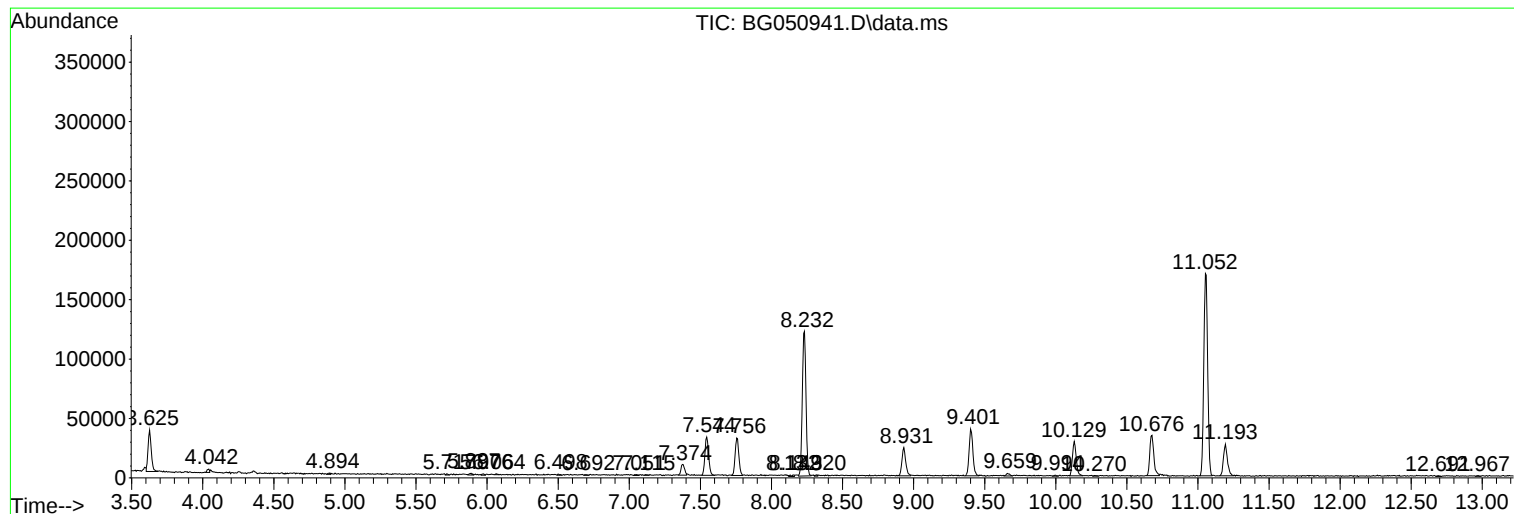
Sum of corrected areas: 4923981

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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
GB858DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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



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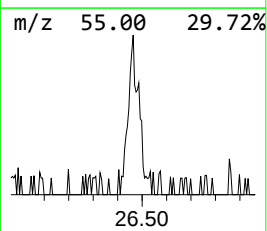
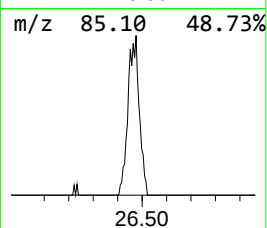
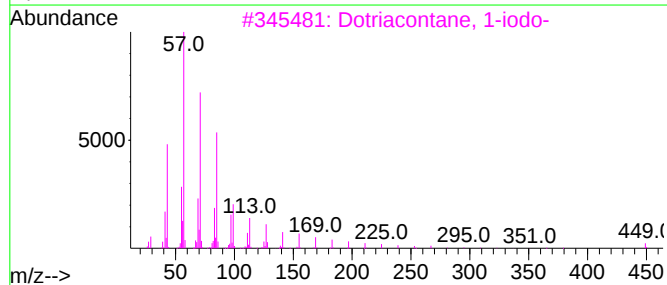
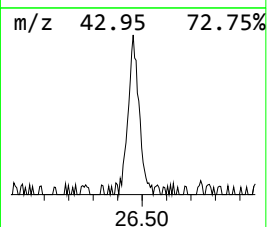
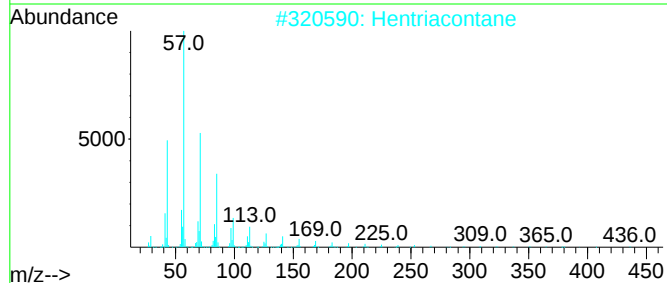
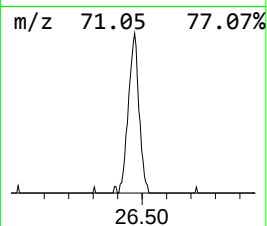
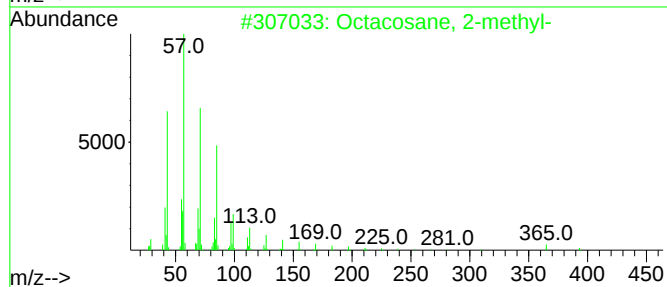
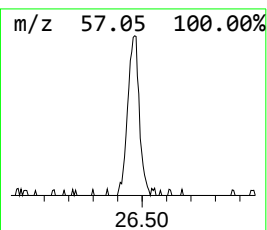
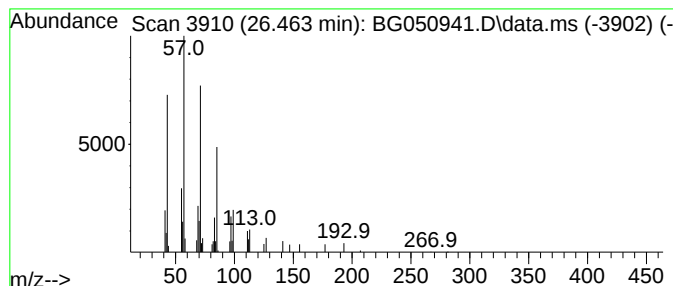
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 26.463 | 2.76 ng/ul | 85133 | Perylene-d12     | 25.288 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------|-----|---------|--------------|------|
| 1    |      | Octacosane, 2-methyl-  | 408 | C29H60  | 001560-98-1  | 91   |
| 2    |      | Hentriacontane         | 437 | C31H64  | 000630-04-6  | 90   |
| 3    |      | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 90   |
| 4    |      | Tetratetracontane      | 619 | C44H90  | 007098-22-8  | 87   |
| 5    |      | Hexacosane             | 366 | C26H54  | 000630-01-3  | 87   |



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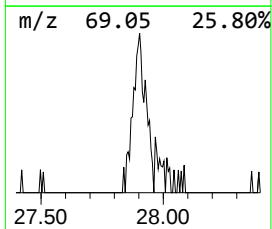
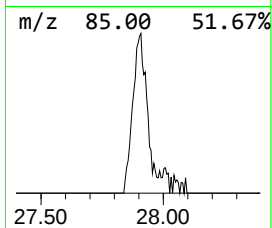
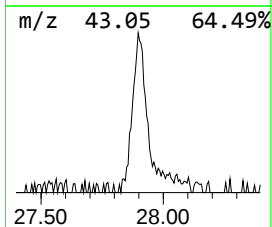
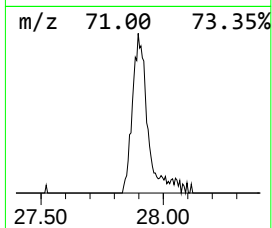
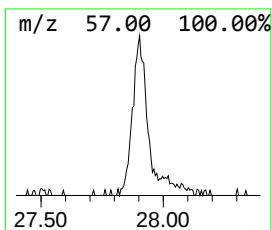
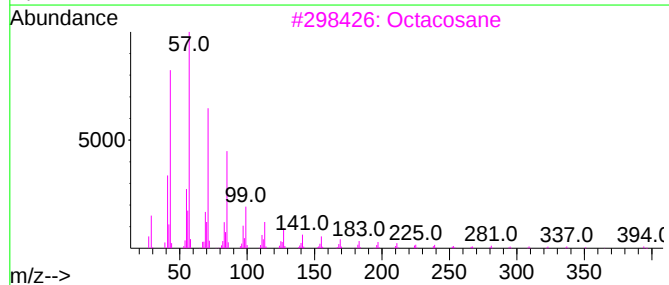
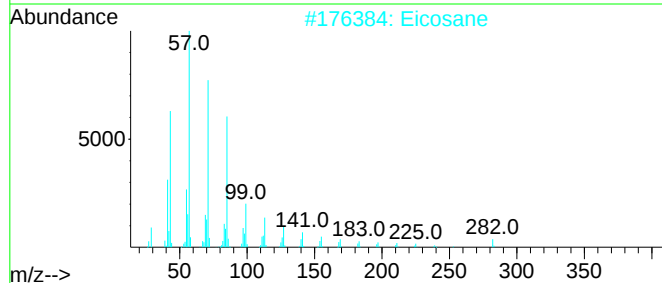
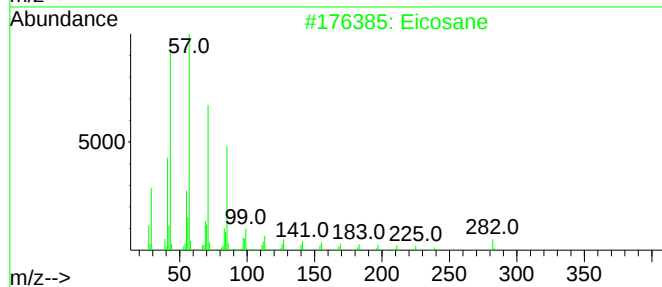
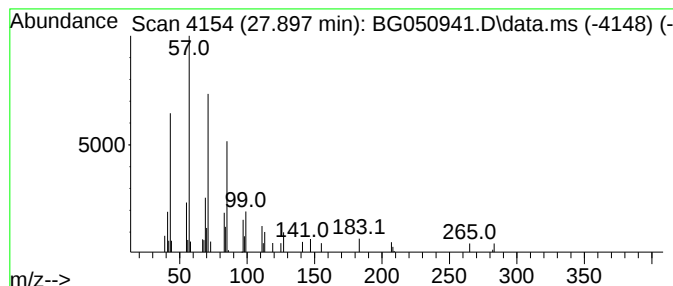
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 27.897 | 2.33 ng/ul | 71969 | Perylene-d12     | 25.288 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm | CAS#         | Qual |
|------|------|----------------------------|-----|---------|--------------|------|
| 1    |      | Eicosane                   | 282 | C20H42  | 000112-95-8  | 91   |
| 2    |      | Eicosane                   | 282 | C20H42  | 000112-95-8  | 90   |
| 3    |      | Octacosane                 | 394 | C28H58  | 000630-02-4  | 90   |
| 4    |      | Heneicosane                | 296 | C21H44  | 000629-94-7  | 90   |
| 5    |      | Isopropyl tetradecyl ether | 256 | C17H36O | 1000406-34-0 | 90   |



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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... | 26.463 | 2.8     | ng/u1 | 85133    | 6                     | 25.288 | 617639 | 20.0 |
| (DEL) Alkane: S... | 27.897 | 2.3     | ng/u1 | 71969    | 6                     | 25.288 | 617639 | 20.0 |