

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\  
 Data File : BP001978.D  
 Acq On : 01 Mar 2020 02:24  
 Operator : CG/JU  
 Sample : L1732-03  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0EG9

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| 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         | 2.917       | 3             | 5           | 20           | rVB      | 438391         | 617106        | 6.72%           | 0.870%        |
| 2         | 3.164       | 43            | 47          | 57           | rVB      | 58175          | 86526         | 0.94%           | 0.122%        |
| 3         | 3.893       | 167           | 171         | 180          | rVB      | 18529          | 26963         | 0.29%           | 0.038%        |
| 4         | 4.799       | 320           | 325         | 334          | rVB2     | 9791           | 16837         | 0.18%           | 0.024%        |
| 5         | 6.822       | 662           | 669         | 686          | rVB      | 195255         | 342535        | 3.73%           | 0.483%        |
| 6         | 6.981       | 689           | 696         | 708          | rBV      | 840203         | 1293456       | 14.08%          | 1.824%        |
| 7         | 7.175       | 722           | 729         | 744          | rBV      | 883509         | 1424058       | 15.50%          | 2.009%        |
| 8         | 7.640       | 801           | 808         | 818          | rBV      | 872792         | 1391861       | 15.15%          | 1.963%        |
| 9         | 7.722       | 818           | 822         | 828          | rVB2     | 10026          | 16535         | 0.18%           | 0.023%        |
| 10        | 7.993       | 861           | 868         | 876          | rVB6     | 5362           | 10749         | 0.12%           | 0.015%        |
| 11        | 8.346       | 918           | 928         | 946          | rBV      | 649802         | 1028140       | 11.19%          | 1.450%        |
| 12        | 8.781       | 995           | 1002        | 1015         | rBV      | 965956         | 1555564       | 16.93%          | 2.194%        |
| 13        | 9.275       | 1080          | 1086        | 1095         | rVB      | 35998          | 59505         | 0.65%           | 0.084%        |
| 14        | 9.504       | 1116          | 1125        | 1140         | rBV      | 740117         | 1253902       | 13.65%          | 1.769%        |
| 15        | 10.040      | 1208          | 1216        | 1239         | rBV      | 1198501        | 2090251       | 22.75%          | 2.948%        |
| 16        | 10.410      | 1271          | 1279        | 1292         | rBV      | 1160481        | 1960602       | 21.34%          | 2.765%        |
| 17        | 10.551      | 1297          | 1303        | 1318         | rVV2     | 40350          | 91199         | 0.99%           | 0.129%        |
| 18        | 11.763      | 1502          | 1509        | 1515         | rVB2     | 20653          | 33540         | 0.37%           | 0.047%        |
| 19        | 12.016      | 1546          | 1552        | 1560         | rBV2     | 18962          | 39058         | 0.43%           | 0.055%        |
| 20        | 12.845      | 1688          | 1693        | 1700         | rBV7     | 7071           | 12441         | 0.14%           | 0.018%        |
| 21        | 13.128      | 1737          | 1741        | 1749         | rVB6     | 6944           | 12421         | 0.14%           | 0.018%        |
| 22        | 13.692      | 1826          | 1837        | 1842         | rBV      | 2617312        | 3649060       | 39.71%          | 5.147%        |
| 23        | 13.740      | 1842          | 1845        | 1860         | rVB      | 161476         | 238988        | 2.60%           | 0.337%        |
| 24        | 13.963      | 1876          | 1883        | 1901         | rBV      | 2932418        | 4357774       | 47.43%          | 6.147%        |
| 25        | 14.275      | 1929          | 1936        | 1945         | rBV2     | 1846019        | 2727142       | 29.68%          | 3.847%        |
| 26        | 14.481      | 1965          | 1971        | 1988         | rBV2     | 97542          | 229587        | 2.50%           | 0.324%        |
| 27        | 15.034      | 2060          | 2065        | 2072         | rBV3     | 5850           | 11910         | 0.13%           | 0.017%        |
| 28        | 15.275      | 2098          | 2106        | 2114         | rBV      | 4142826        | 5816071       | 63.30%          | 8.203%        |
| 29        | 15.392      | 2120          | 2126        | 2142         | rBV      | 942729         | 1329546       | 14.47%          | 1.875%        |
| 30        | 15.516      | 2142          | 2147        | 2153         | rVB      | 43831          | 71845         | 0.78%           | 0.101%        |
| 31        | 15.875      | 2205          | 2208        | 2215         | rVB9     | 6216           | 9400          | 0.10%           | 0.013%        |
| 32        | 16.063      | 2236          | 2240        | 2245         | rVB3     | 17546          | 24114         | 0.26%           | 0.034%        |
| 33        | 16.710      | 2346          | 2350        | 2355         | rVB5     | 8498           | 12894         | 0.14%           | 0.018%        |
| 34        | 16.816      | 2363          | 2368        | 2371         | rBV2     | 11706          | 17961         | 0.20%           | 0.025%        |

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 Max Peaks: 100  
 Peak Location: TOP

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 17.028 | 2397 | 2404 | 2414 | rBV  | 2394319 | 3249770 | 35.37%  | 4.584%  |
| 36 | 17.128 | 2414 | 2421 | 2437 | rVV2 | 4920526 | 6982995 | 76.00%  | 9.849%  |
| 37 | 17.233 | 2437 | 2439 | 2450 | rVB2 | 5591    | 13190   | 0.14%   | 0.019%  |
| 38 | 17.951 | 2557 | 2561 | 2569 | rBV2 | 54788   | 97020   | 1.06%   | 0.137%  |
| 39 | 19.016 | 2738 | 2742 | 2747 | rBV  | 50415   | 75333   | 0.82%   | 0.106%  |
| 40 | 19.192 | 2769 | 2772 | 2780 | rBV6 | 15801   | 30655   | 0.33%   | 0.043%  |
| 41 | 19.263 | 2780 | 2784 | 2789 | rVB  | 52481   | 69910   | 0.76%   | 0.099%  |
| 42 | 19.375 | 2796 | 2803 | 2814 | rBV  | 6386240 | 8495726 | 92.46%  | 11.983% |
| 43 | 20.863 | 3052 | 3056 | 3062 | rBV2 | 179687  | 286754  | 3.12%   | 0.404%  |
| 44 | 20.916 | 3062 | 3065 | 3073 | rVB3 | 40600   | 74740   | 0.81%   | 0.105%  |
| 45 | 21.122 | 3094 | 3100 | 3110 | rBV  | 3090906 | 3849776 | 41.90%  | 5.430%  |
| 46 | 21.239 | 3117 | 3120 | 3126 | rBV2 | 35679   | 58010   | 0.63%   | 0.082%  |
| 47 | 21.298 | 3127 | 3130 | 3136 | rVV  | 87615   | 96144   | 1.05%   | 0.136%  |
| 48 | 21.727 | 3200 | 3203 | 3209 | rBV  | 144319  | 181846  | 1.98%   | 0.256%  |
| 49 | 22.192 | 3278 | 3282 | 3288 | rVB  | 220159  | 274291  | 2.99%   | 0.387%  |
| 50 | 22.698 | 3364 | 3368 | 3375 | rVB  | 281095  | 389402  | 4.24%   | 0.549%  |
| 51 | 23.192 | 3444 | 3452 | 3460 | rBV  | 5035698 | 9188210 | 100.00% | 12.960% |
| 52 | 23.268 | 3460 | 3465 | 3469 | rVV  | 316305  | 564154  | 6.14%   | 0.796%  |
| 53 | 23.327 | 3469 | 3475 | 3492 | rVB  | 2253240 | 4158748 | 45.26%  | 5.866%  |
| 54 | 23.915 | 3569 | 3575 | 3583 | rBV  | 266041  | 511111  | 5.56%   | 0.721%  |
| 55 | 24.662 | 3697 | 3702 | 3713 | rVB  | 178670  | 390579  | 4.25%   | 0.551%  |

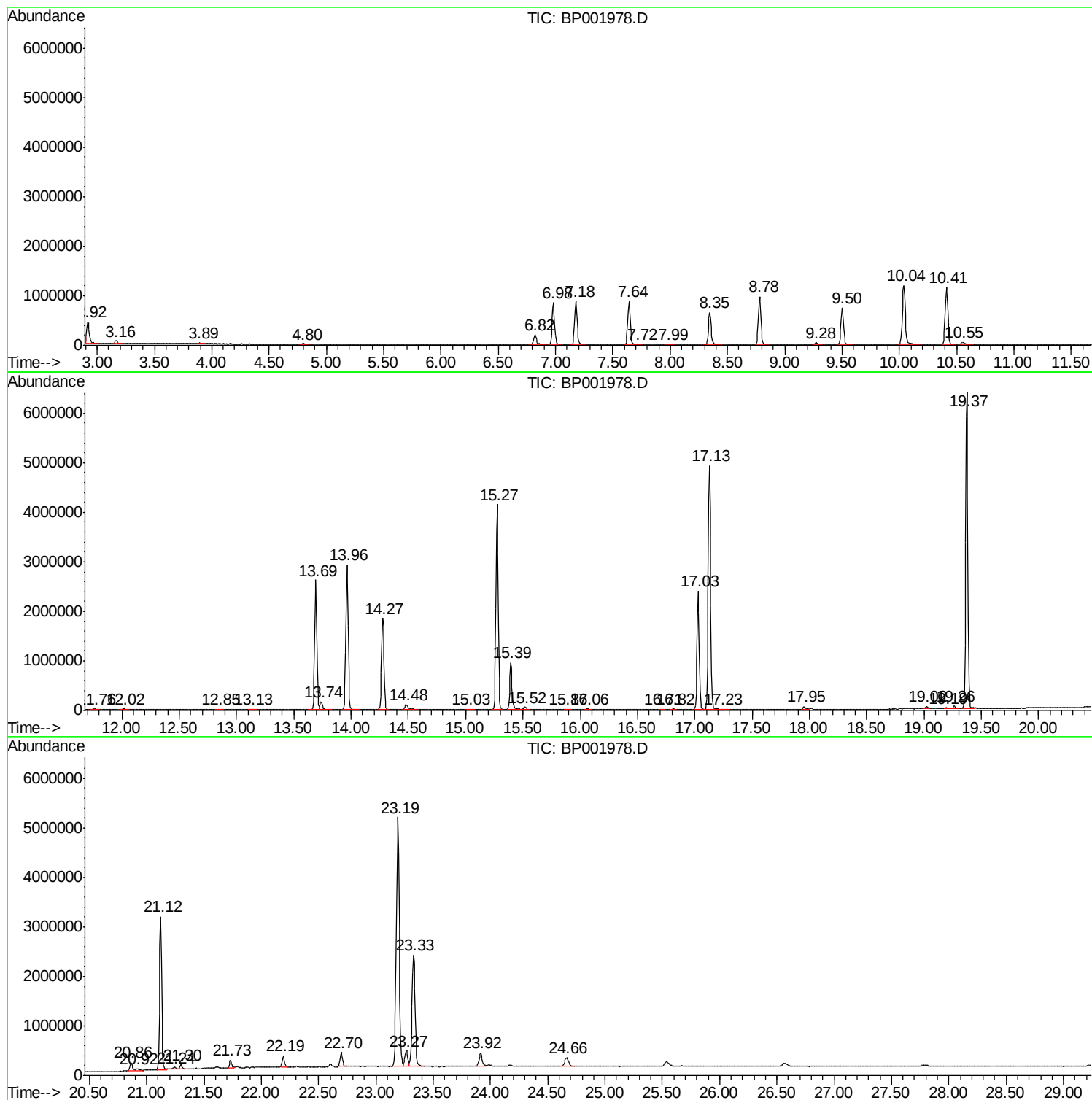
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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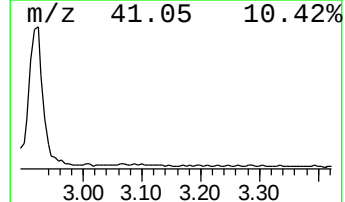
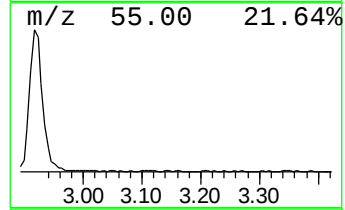
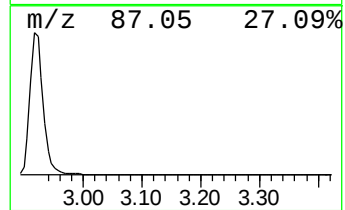
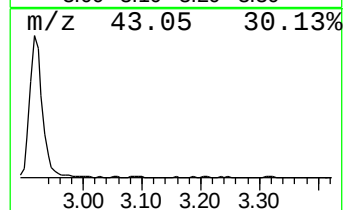
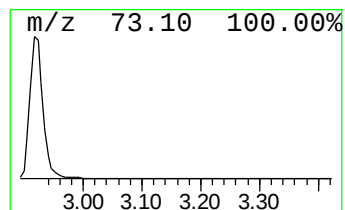
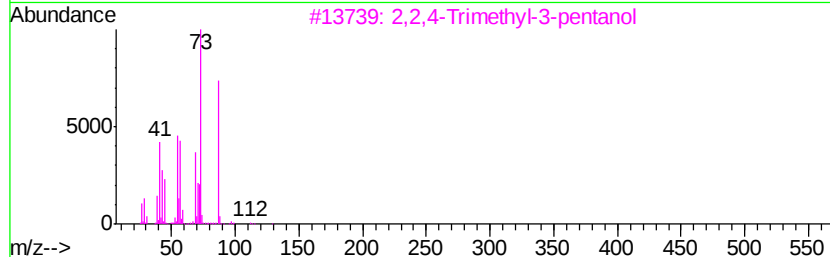
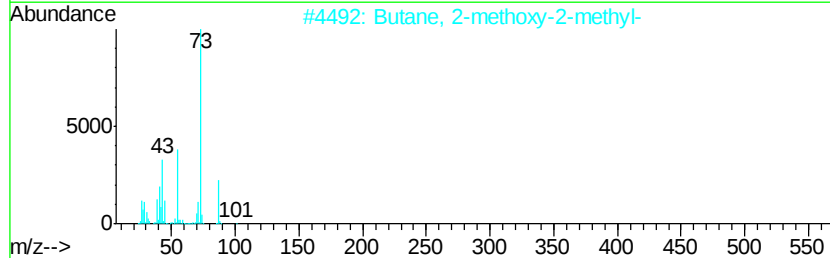
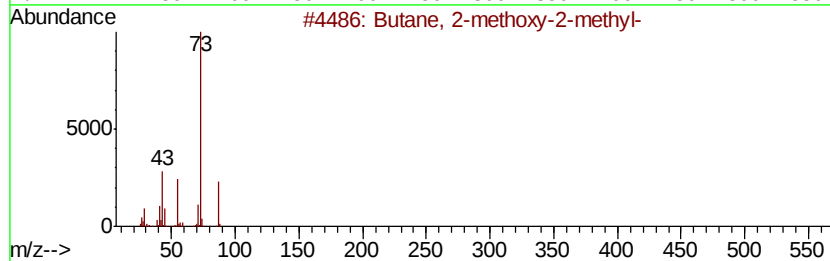
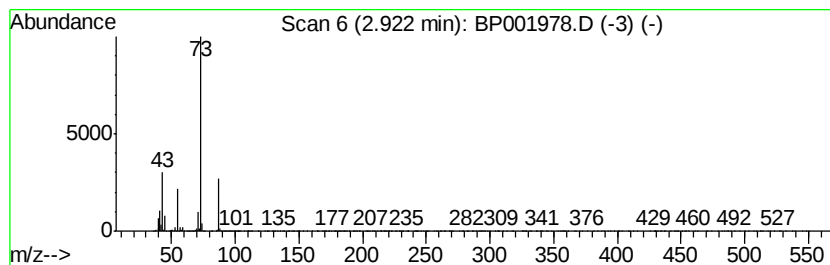
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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. |
|------|------------|--------|------------------------|------|
| 2.92 | 8.87 ng/ul | 617106 | 1,4-Dichlorobenzene-d4 | 7.64 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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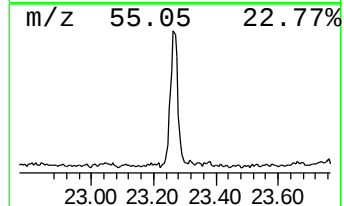
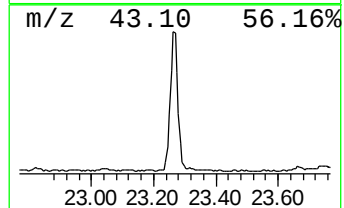
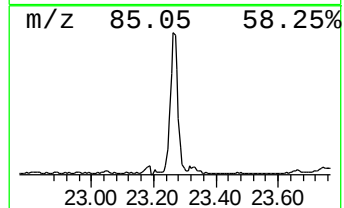
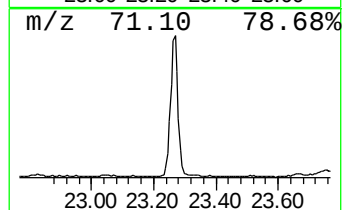
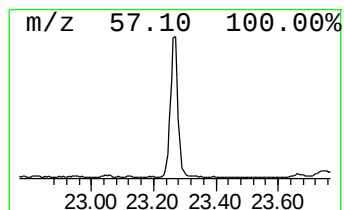
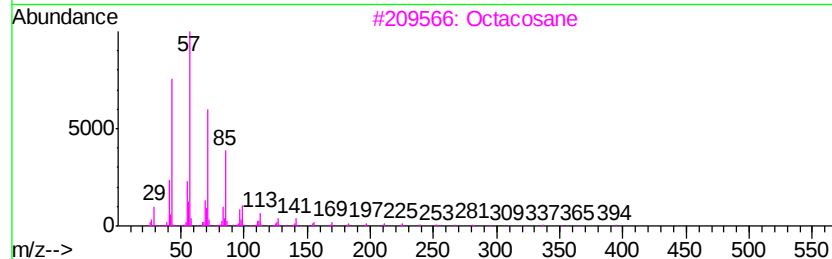
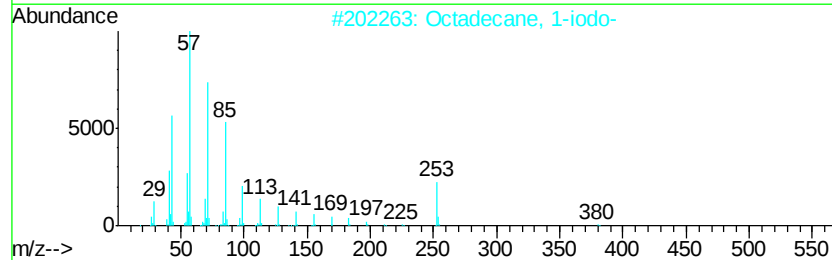
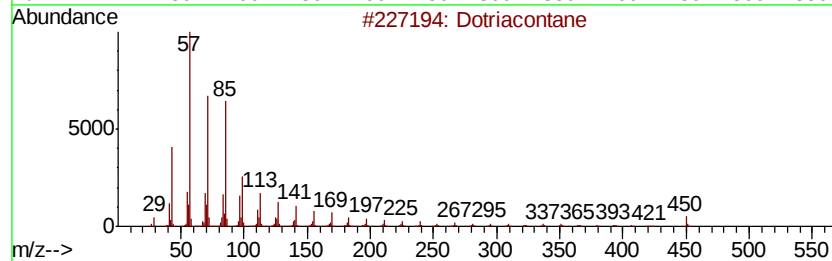
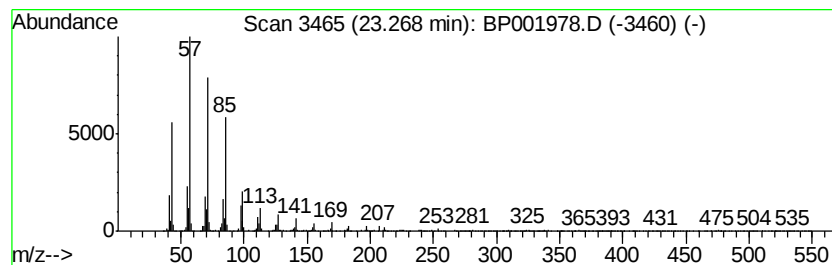
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.27 | 2.71 ng/ul | 564154 | Perylene-d12     | 23.33 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Dotriacontane       | 451 | C32H66  | 000544-85-4 | 96   |
| 2    |    | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 93   |
| 3    |    | Octacosane          | 394 | C28H58  | 000630-02-4 | 91   |
| 4    |    | Heneicosane         | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    | Heneicosane         | 296 | C21H44  | 000629-94-7 | 91   |



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Quant Title : SVOA CALIBRATION

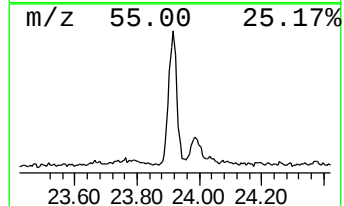
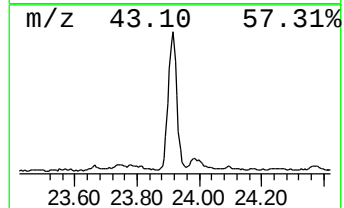
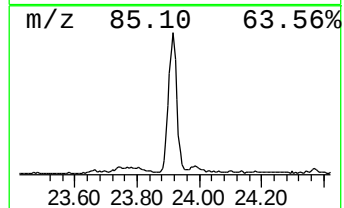
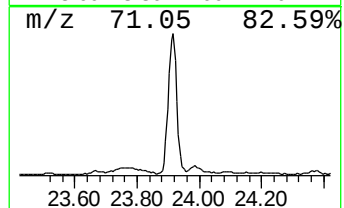
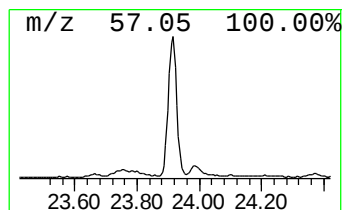
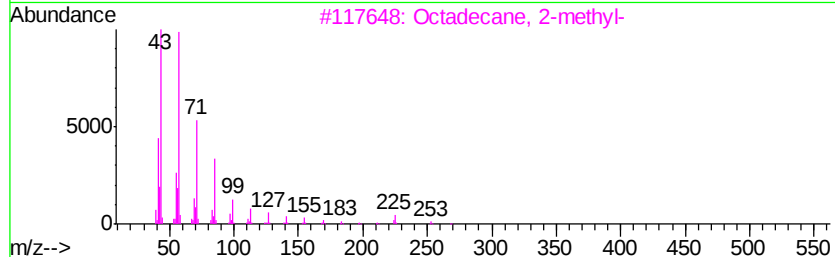
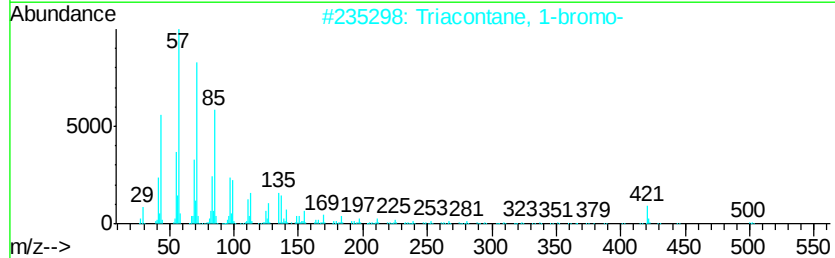
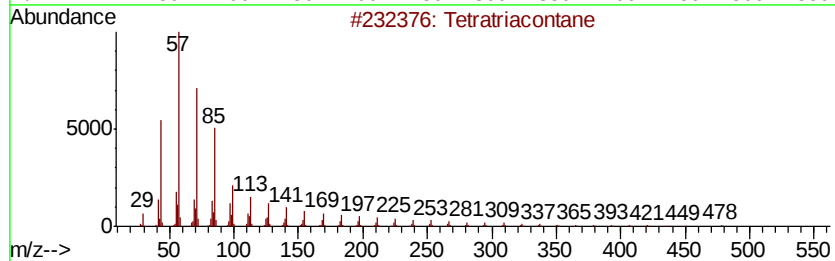
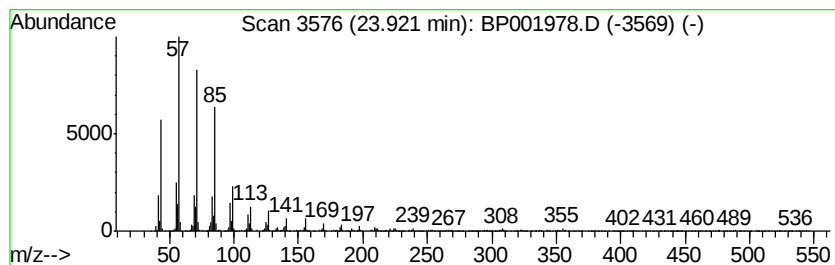
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.92 | 2.46 ng/ul | 511111 | Perylene-d12     | 23.33 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Tetratriacontane      | 479 | C34H70   | 014167-59-0 | 94   |
| 2    |    | Triacontane, 1-bromo- | 500 | C30H61Br | 004209-22-7 | 93   |
| 3    |    | Octadecane, 2-methyl- | 268 | C19H40   | 001560-88-9 | 91   |
| 4    |    | Triacontane           | 422 | C30H62   | 000638-68-6 | 91   |
| 5    |    | Heneicosane           | 296 | C21H44   | 000629-94-7 | 91   |



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 2.92  | 8.9     | ng/ul | 617106   | 1                     | 7.64  | 1391860 | 20.0 |
| (DEL) Alkane: Str... | 23.27 | 2.7     | ng/ul | 564154   | 6                     | 23.33 | 4158750 | 20.0 |
| (DEL) Alkane: Str... | 23.92 | 2.5     | ng/ul | 511111   | 6                     | 23.33 | 4158750 | 20.0 |