

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\  
 Data File : BP001807.D  
 Acq On : 20 Feb 2020 17:52  
 Operator : CG/JU  
 Sample : L1418-14  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C5B14

## 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-BP021820MA.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         | 2.934       | 4             | 8           | 28           | rVB      | 1984253        | 2831355       | 31.79%          | 3.359%        |
| 2         | 3.181       | 47            | 50          | 56           | rVB      | 37953          | 53208         | 0.60%           | 0.063%        |
| 3         | 3.599       | 119           | 121         | 127          | rVB6     | 8954           | 13219         | 0.15%           | 0.016%        |
| 4         | 3.693       | 133           | 137         | 142          | rVB      | 31393          | 42484         | 0.48%           | 0.050%        |
| 5         | 3.822       | 155           | 159         | 167          | rVB      | 16880          | 28433         | 0.32%           | 0.034%        |
| 6         | 3.911       | 170           | 174         | 180          | rVB      | 15197          | 23036         | 0.26%           | 0.027%        |
| 7         | 4.452       | 263           | 266         | 272          | rVB5     | 6920           | 10179         | 0.11%           | 0.012%        |
| 8         | 4.811       | 322           | 327         | 336          | rVB2     | 55277          | 87864         | 0.99%           | 0.104%        |
| 9         | 6.834       | 660           | 671         | 682          | rBV      | 877384         | 1416174       | 15.90%          | 1.680%        |
| 10        | 6.999       | 692           | 699         | 709          | rBV      | 799619         | 1229929       | 13.81%          | 1.459%        |
| 11        | 7.193       | 725           | 732         | 743          | rBV      | 981140         | 1523763       | 17.11%          | 1.808%        |
| 12        | 7.316       | 749           | 753         | 758          | rBV6     | 8056           | 13814         | 0.16%           | 0.016%        |
| 13        | 7.657       | 804           | 811         | 821          | rVV      | 1290427        | 2008806       | 22.55%          | 2.383%        |
| 14        | 8.199       | 898           | 903         | 912          | rVB3     | 6418           | 12769         | 0.14%           | 0.015%        |
| 15        | 8.357       | 921           | 930         | 942          | rBV      | 900484         | 1421510       | 15.96%          | 1.687%        |
| 16        | 8.469       | 943           | 949         | 955          | rVB      | 57064          | 94009         | 1.06%           | 0.112%        |
| 17        | 8.799       | 994           | 1005        | 1019         | rBV      | 883314         | 1424585       | 15.99%          | 1.690%        |
| 18        | 9.293       | 1084          | 1089        | 1096         | rBV      | 37005          | 60400         | 0.68%           | 0.072%        |
| 19        | 9.416       | 1105          | 1110        | 1117         | rBV      | 4434           | 9029          | 0.10%           | 0.011%        |
| 20        | 9.516       | 1120          | 1127        | 1137         | rBV      | 557550         | 914909        | 10.27%          | 1.085%        |
| 21        | 9.704       | 1152          | 1159        | 1164         | rVB      | 13765          | 25219         | 0.28%           | 0.030%        |
| 22        | 9.875       | 1179          | 1188        | 1194         | rBV7     | 12634          | 26384         | 0.30%           | 0.031%        |
| 23        | 10.051      | 1210          | 1218        | 1230         | rBV      | 1133672        | 1890156       | 21.22%          | 2.243%        |
| 24        | 10.140      | 1230          | 1233        | 1241         | rVB9     | 8133           | 15796         | 0.18%           | 0.019%        |
| 25        | 10.428      | 1274          | 1282        | 1298         | rBV      | 1737641        | 2921493       | 32.80%          | 3.466%        |
| 26        | 10.563      | 1298          | 1305        | 1315         | rBV      | 101647         | 193882        | 2.18%           | 0.230%        |
| 27        | 11.140      | 1398          | 1403        | 1409         | rVB2     | 6909           | 10694         | 0.12%           | 0.013%        |
| 28        | 11.222      | 1412          | 1417        | 1426         | rVB6     | 16035          | 31125         | 0.35%           | 0.037%        |
| 29        | 11.469      | 1450          | 1459        | 1460         | rBV7     | 9133           | 21609         | 0.24%           | 0.026%        |
| 30        | 11.534      | 1464          | 1470        | 1476         | rVB      | 36779          | 65961         | 0.74%           | 0.078%        |
| 31        | 11.598      | 1476          | 1481        | 1484         | rBV7     | 8977           | 15165         | 0.17%           | 0.018%        |
| 32        | 11.663      | 1484          | 1492        | 1500         | rVB      | 65494          | 112781        | 1.27%           | 0.134%        |
| 33        | 11.740      | 1500          | 1505        | 1509         | rBV2     | 12416          | 20700         | 0.23%           | 0.025%        |
| 34        | 11.810      | 1511          | 1517        | 1524         | rVB2     | 12341          | 32890         | 0.37%           | 0.039%        |

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Filtering: 5  
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 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-BP021820MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 11.940 | 1533 | 1539 | 1543 | rBV9 | 18068   | 41891   | 0.47%   | 0.050%  |
| 36 | 12.022 | 1548 | 1553 | 1558 | rVB2 | 27111   | 45643   | 0.51%   | 0.054%  |
| 37 | 12.093 | 1562 | 1565 | 1570 | rVB7 | 8809    | 14510   | 0.16%   | 0.017%  |
| 38 | 12.187 | 1570 | 1581 | 1582 | rBV7 | 19840   | 42163   | 0.47%   | 0.050%  |
| 39 | 12.328 | 1601 | 1605 | 1609 | rBV4 | 22576   | 36036   | 0.40%   | 0.043%  |
| 40 | 12.393 | 1609 | 1616 | 1621 | rBV  | 82900   | 151267  | 1.70%   | 0.179%  |
| 41 | 12.475 | 1621 | 1630 | 1633 | rBV3 | 54308   | 120505  | 1.35%   | 0.143%  |
| 42 | 12.545 | 1639 | 1642 | 1647 | rVB3 | 17093   | 24192   | 0.27%   | 0.029%  |
| 43 | 12.698 | 1663 | 1668 | 1672 | rBV5 | 43111   | 103472  | 1.16%   | 0.123%  |
| 44 | 12.745 | 1673 | 1676 | 1679 | rVV3 | 23891   | 39176   | 0.44%   | 0.046%  |
| 45 | 12.851 | 1691 | 1694 | 1700 | rVB3 | 65241   | 113255  | 1.27%   | 0.134%  |
| 46 | 12.969 | 1702 | 1714 | 1717 | rBV3 | 76469   | 262465  | 2.95%   | 0.311%  |
| 47 | 13.057 | 1723 | 1729 | 1730 | rBV3 | 48319   | 87067   | 0.98%   | 0.103%  |
| 48 | 13.151 | 1741 | 1745 | 1747 | rBV4 | 53082   | 83481   | 0.94%   | 0.099%  |
| 49 | 13.204 | 1751 | 1754 | 1756 | rVV2 | 86395   | 111135  | 1.25%   | 0.132%  |
| 50 | 13.240 | 1757 | 1760 | 1770 | rVB5 | 70241   | 176019  | 1.98%   | 0.209%  |
| 51 | 13.704 | 1834 | 1839 | 1844 | rBV  | 1945508 | 2655784 | 29.82%  | 3.151%  |
| 52 | 13.751 | 1844 | 1847 | 1851 | rVB  | 385505  | 495751  | 5.57%   | 0.588%  |
| 53 | 13.981 | 1879 | 1886 | 1895 | rBV  | 2725106 | 4224976 | 47.44%  | 5.013%  |
| 54 | 14.110 | 1904 | 1908 | 1916 | rVB8 | 168891  | 306989  | 3.45%   | 0.364%  |
| 55 | 14.292 | 1932 | 1939 | 1950 | rBV  | 2728910 | 4182313 | 46.96%  | 4.962%  |
| 56 | 14.481 | 1967 | 1971 | 1976 | rBV2 | 355204  | 545893  | 6.13%   | 0.648%  |
| 57 | 14.834 | 2028 | 2031 | 2035 | rBV3 | 122932  | 178181  | 2.00%   | 0.211%  |
| 58 | 14.922 | 2043 | 2046 | 2052 | rVB3 | 240056  | 355269  | 3.99%   | 0.422%  |
| 59 | 15.292 | 2103 | 2109 | 2115 | rBV  | 3140865 | 4732531 | 53.13%  | 5.615%  |
| 60 | 15.404 | 2124 | 2128 | 2131 | rBV2 | 428620  | 650559  | 7.30%   | 0.772%  |
| 61 | 15.439 | 2131 | 2134 | 2138 | rVB  | 310647  | 396897  | 4.46%   | 0.471%  |
| 62 | 16.698 | 2343 | 2348 | 2362 | rBV  | 6198357 | 8906730 | 100.00% | 10.567% |
| 63 | 17.045 | 2402 | 2407 | 2415 | rVB  | 3224571 | 4537214 | 50.94%  | 5.383%  |
| 64 | 17.139 | 2418 | 2423 | 2429 | rBV  | 3461111 | 4823028 | 54.15%  | 5.722%  |
| 65 | 17.969 | 2561 | 2564 | 2569 | rBV2 | 344965  | 461870  | 5.19%   | 0.548%  |
| 66 | 19.386 | 2800 | 2805 | 2811 | rVB  | 4607357 | 5990660 | 67.26%  | 7.107%  |
| 67 | 20.880 | 3056 | 3059 | 3065 | rBV3 | 764870  | 957624  | 10.75%  | 1.136%  |
| 68 | 21.133 | 3098 | 3102 | 3109 | rVB  | 4035566 | 5038682 | 56.57%  | 5.978%  |
| 69 | 23.210 | 3449 | 3455 | 3463 | rVB  | 3411337 | 5999775 | 67.36%  | 7.118%  |
| 70 | 23.351 | 3473 | 3479 | 3491 | rVB  | 3077049 | 6274124 | 70.44%  | 7.444%  |
| 71 | 24.709 | 3704 | 3710 | 3714 | rBV2 | 647312  | 1506478 | 16.91%  | 1.787%  |

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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :  
C5B14

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 24.904 | 3738 | 3743 | 3749 | rBV2 | 508061 | 1009809 | 11.34% | 1.198% |
|----|--------|------|------|------|------|--------|---------|--------|--------|

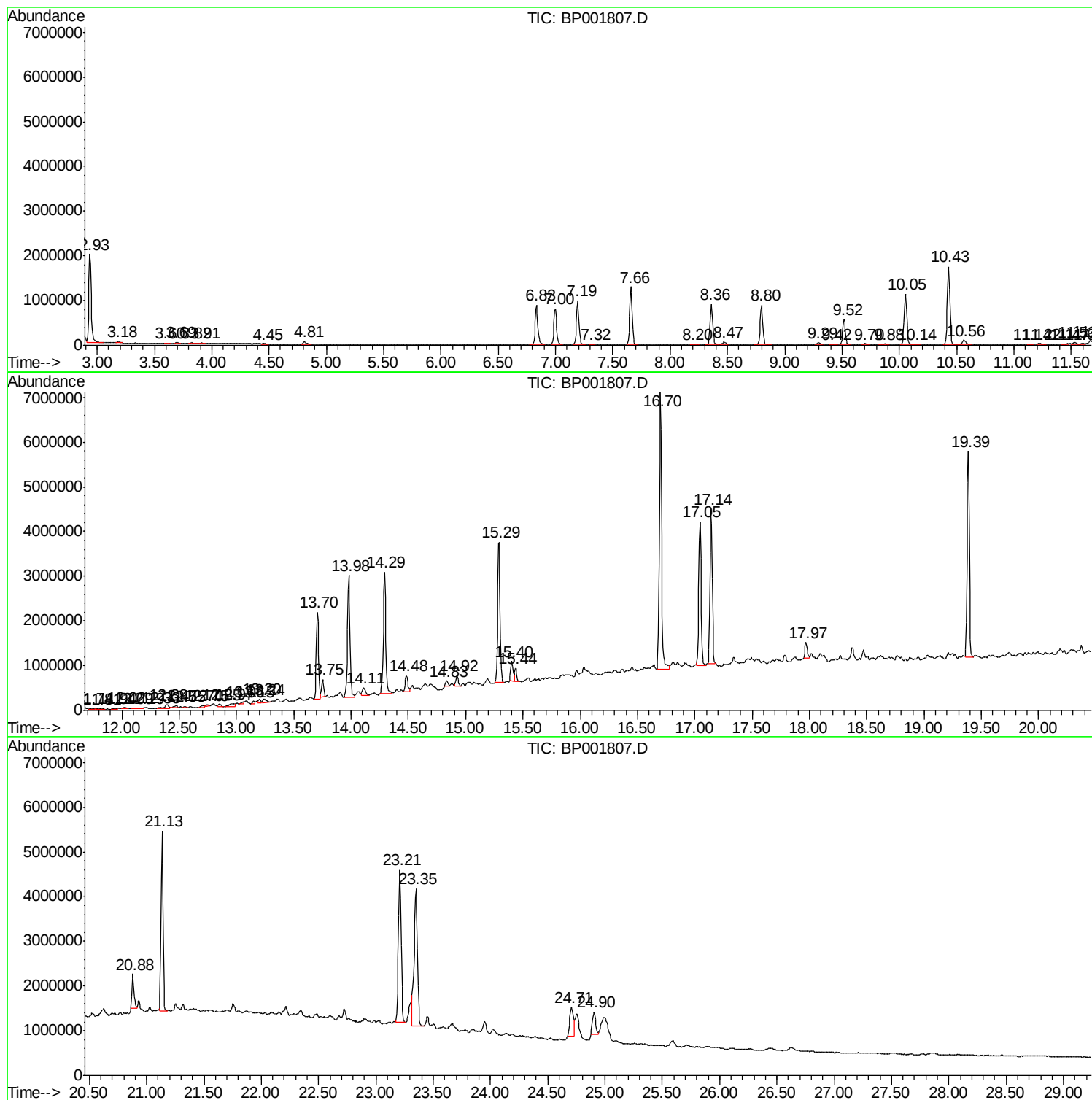
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

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-BP021820MA.M  
Quant Title : SVOA CALIBRATION

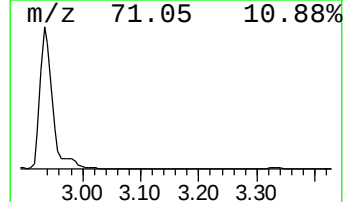
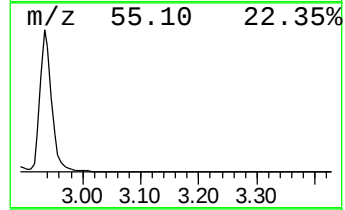
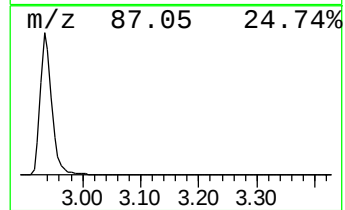
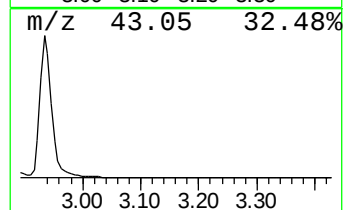
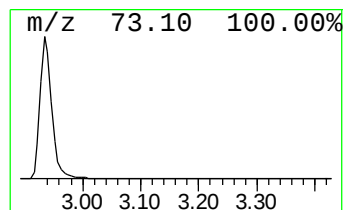
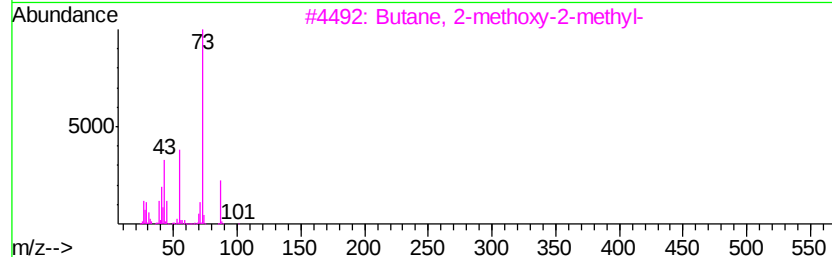
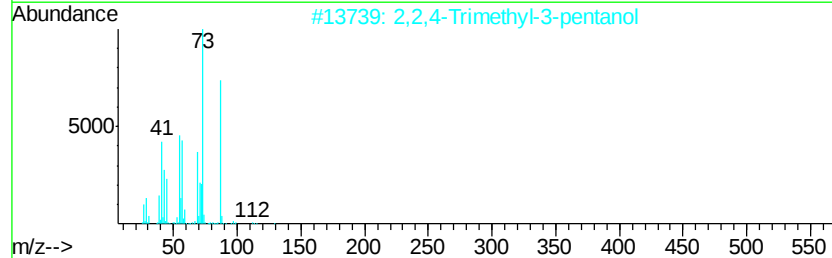
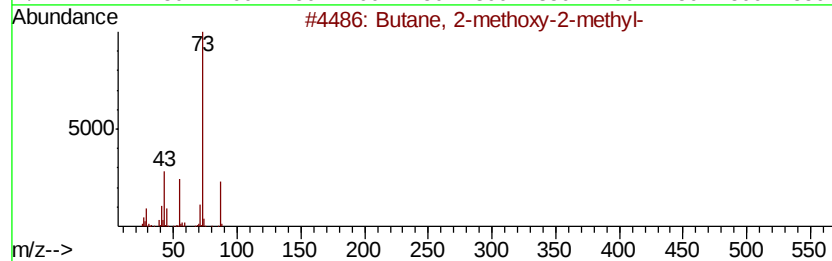
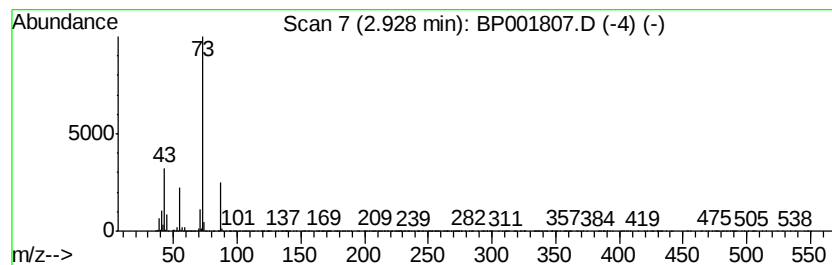
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 2.93 | 28.19 ng/ul | 2831360 | 1,4-Dichlorobenzene-d4 | 7.66 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 38   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

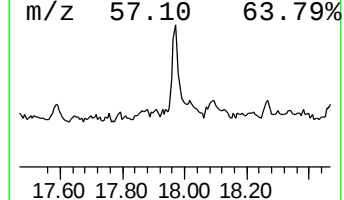
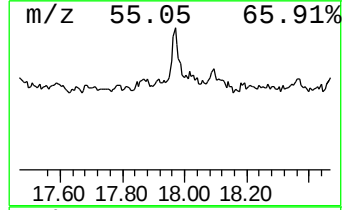
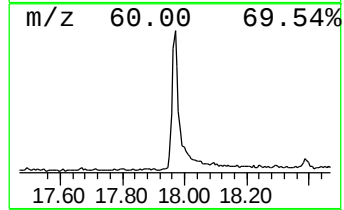
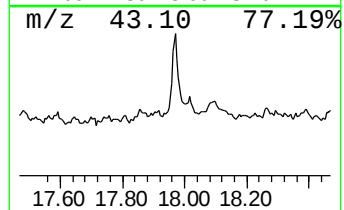
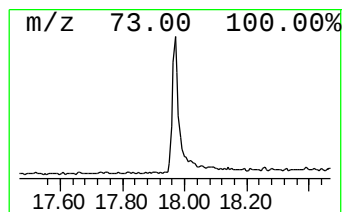
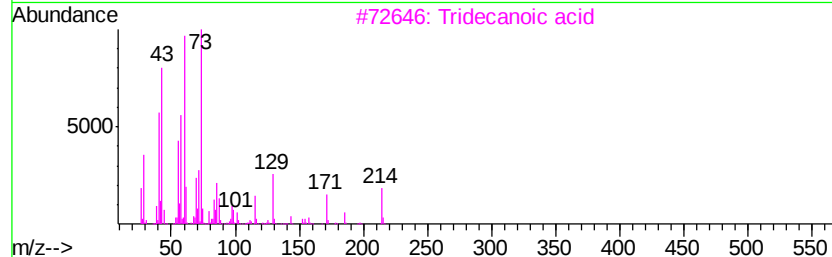
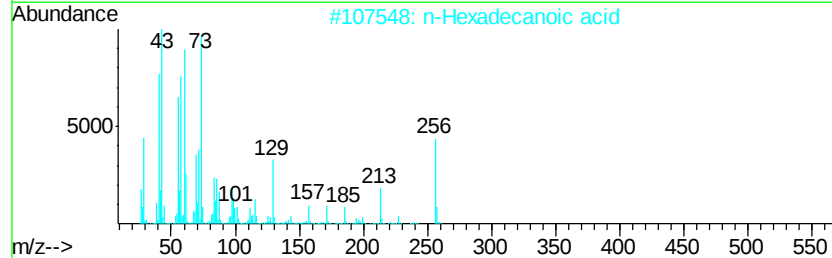
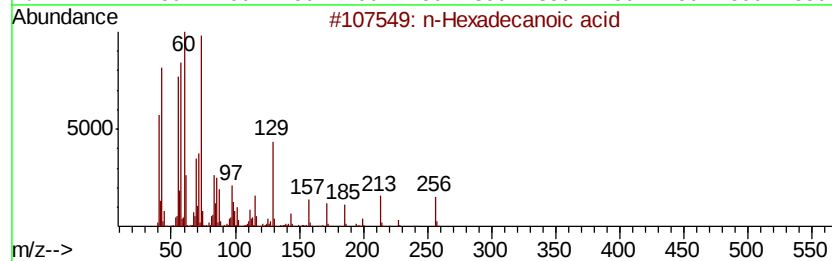
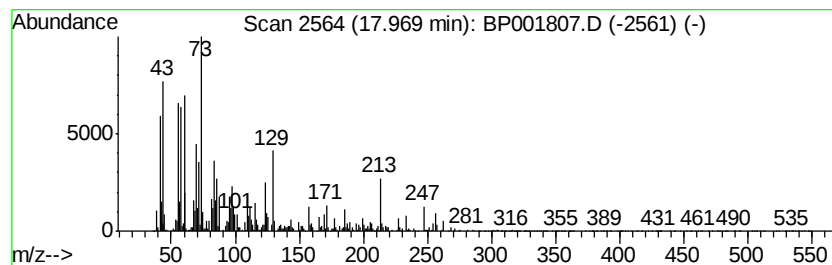
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.97 | 2.04 ng/ul | 461870 | Phenanthrene-d10 | 17.05 |

| Hit# of | 5                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|---------------------|--------------|----------|-------------|------|------|
| 1       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 98   |      |
| 2       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 97   |      |
| 3       | Tridecanoic acid    | 214          | C13H26O2 | 000638-53-9 | 86   |      |
| 4       | Pentadecanoic acid  | 242          | C15H30O2 | 001002-84-2 | 70   |      |
| 5       | Octadecanoic acid   | 284          | C18H36O2 | 000057-11-4 | 68   |      |



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Quant Title : SVOA CALIBRATION

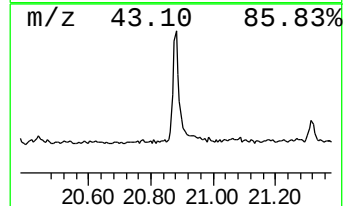
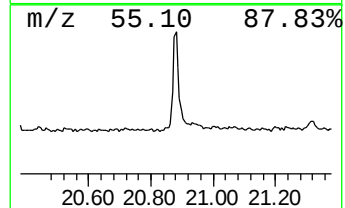
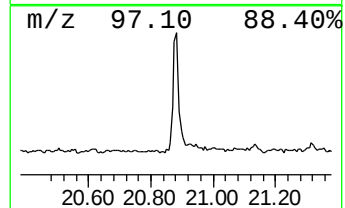
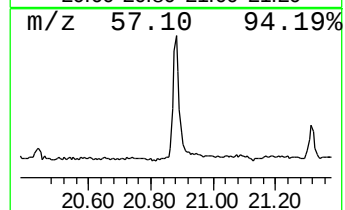
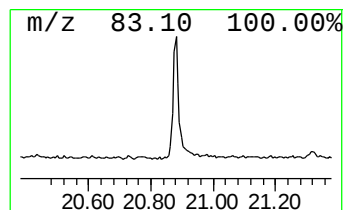
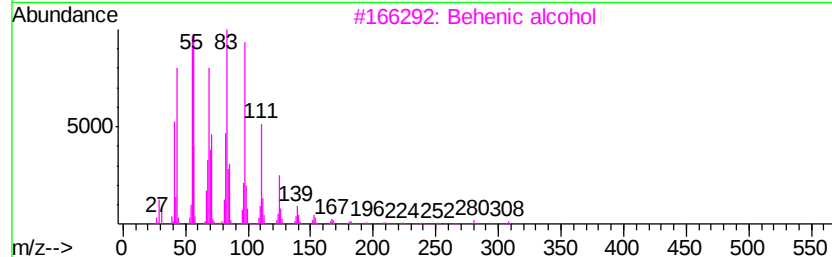
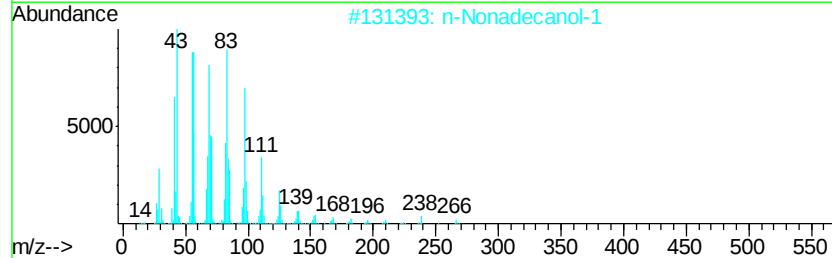
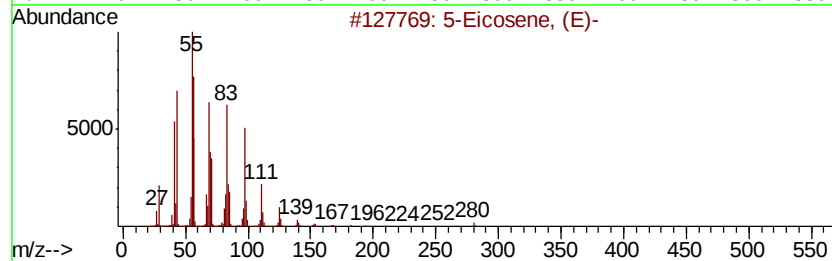
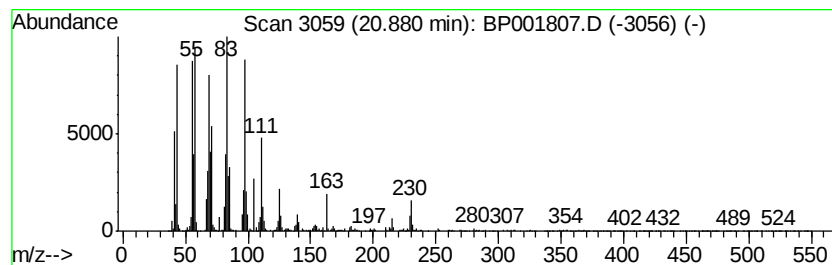
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.88 | 3.80 ng/ul | 957624 | Chrysene-d12     | 21.13 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | 5-Eicosene, (E)-                    | 280 | C20H40      | 074685-30-6  | 99   |
| 2    |    | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8  | 93   |
| 3    |    | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8  | 93   |
| 4    |    | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 93   |
| 5    |    | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4  | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\  
Data File : BP001807.D  
Acq On : 20 Feb 2020 17:52  
Operator : CG/JU  
Sample : L1418-14  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C5B14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

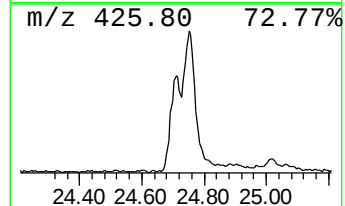
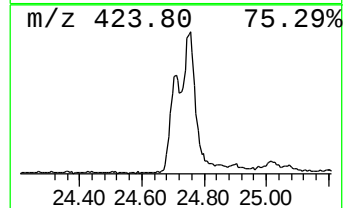
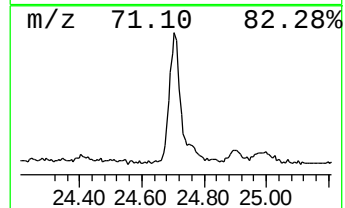
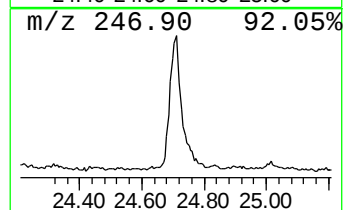
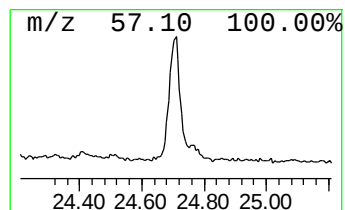
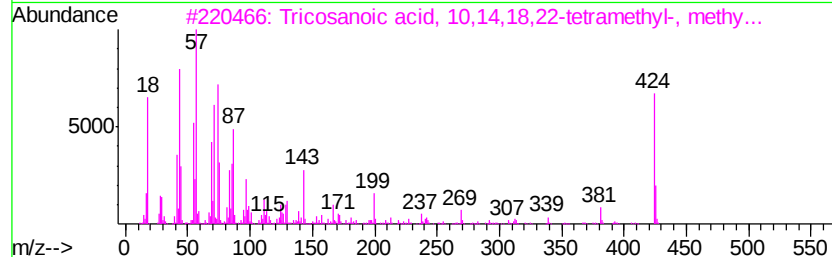
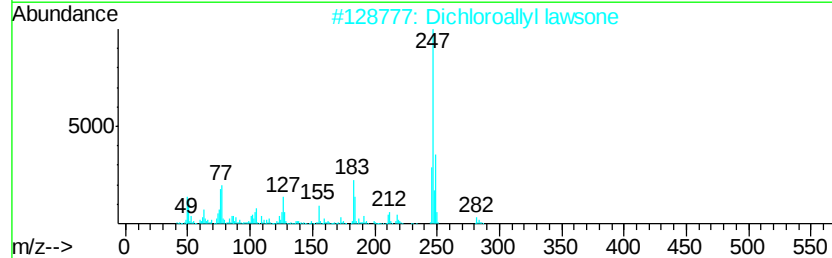
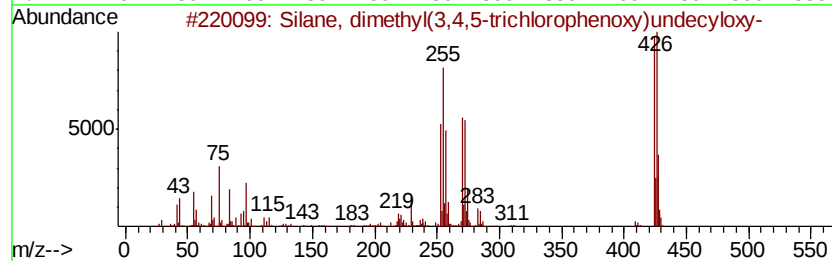
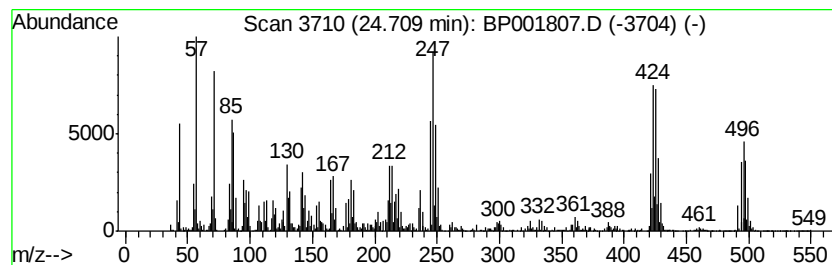
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Silane, dimethyl(3,4,5-tric... Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 24.71 | 4.80 ng/ul | 1506480 | Perylene-d12     | 23.35 |

| Hit# | of | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------------|--------------|------|
| 1    | 5  | Silane, dimethyl(3,4,5-trichloro... | 424 | C19H31Cl3O2Si | 1000347-45-1 | 70   |
| 2    |    | Dichloroallyl lawsone               | 282 | C13H8Cl2O3    | 036417-16-0  | 44   |
| 3    |    | Tricosanoic acid, 10,14,18,22-te... | 424 | C28H56O2      | 055429-72-6  | 25   |
| 4    |    | 5-(Anilinomethylene)-2-thiobarbi... | 247 | C11H9N3O2S    | 069791-23-7  | 15   |
| 5    |    | 2,4-Dichloro-3,5-dimethylphenol,... | 304 | C14H22Cl2O    | 1000373-23-8 | 14   |





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Data File : BP001807.D  
Acq On : 20 Feb 2020 17:52  
Operator : CG/JU  
Sample : L1418-14  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C5B14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
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... | 2.93  | 28.2    | ng/ul | 2831360  | 1                     | 7.66  | 2008810 | 20.0 |
| n-Hexadecanoic acid  | 17.97 | 2.0     | ng/ul | 461870   | 4                     | 17.05 | 4537210 | 20.0 |
| (DEL) Alkane: Str... | 20.88 | 3.8     | ng/ul | 957624   | 5                     | 21.13 | 5038680 | 20.0 |
| Silane, dimethyl(... | 24.71 | 4.8     | ng/ul | 1506480  | 6                     | 23.35 | 6274120 | 20.0 |
| Octachlorodibenzo... | 24.90 | 3.2     | ng/ul | 1009810  | 6                     | 23.35 | 6274120 | 20.0 |