

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092622\  
 Data File : BM036771.D  
 Acq On : 27 Sep 2022 07:27  
 Operator : CG/JU  
 Sample : N4689-01 10X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AY5

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\_M\Methods\SFAM-EPA-BM091522.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM036771.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         | 3.110       | 3             | 4           | 30           | rVB      | 9520010        | 10403680      | 100.00%         | 9.532%        |
| 2         | 3.381       | 48            | 50          | 54           | rVB      | 39651          | 45383         | 0.44%           | 0.042%        |
| 3         | 3.422       | 54            | 57          | 68           | rVB      | 77738          | 114486        | 1.10%           | 0.105%        |
| 4         | 3.816       | 122           | 124         | 139          | rBV      | 393474         | 616436        | 5.93%           | 0.565%        |
| 5         | 4.046       | 159           | 163         | 169          | rVB      | 58158          | 86162         | 0.83%           | 0.079%        |
| 6         | 4.140       | 177           | 179         | 184          | rVB      | 34384          | 43285         | 0.42%           | 0.040%        |
| 7         | 4.246       | 193           | 197         | 203          | rBV3     | 17181          | 29700         | 0.29%           | 0.027%        |
| 8         | 4.593       | 254           | 256         | 262          | rVB      | 32713          | 43406         | 0.42%           | 0.040%        |
| 9         | 4.663       | 265           | 268         | 273          | rVB3     | 17861          | 22402         | 0.22%           | 0.021%        |
| 10        | 5.057       | 331           | 335         | 338          | rBV      | 27145          | 37608         | 0.36%           | 0.034%        |
| 11        | 5.087       | 338           | 340         | 348          | rVB2     | 26874          | 39362         | 0.38%           | 0.036%        |
| 12        | 5.645       | 431           | 435         | 440          | rBV      | 37779          | 55138         | 0.53%           | 0.051%        |
| 13        | 5.934       | 478           | 484         | 490          | rBV      | 95296          | 137735        | 1.32%           | 0.126%        |
| 14        | 6.887       | 642           | 646         | 649          | rBV5     | 9177           | 17380         | 0.17%           | 0.016%        |
| 15        | 7.151       | 685           | 691         | 700          | rVB      | 396292         | 628516        | 6.04%           | 0.576%        |
| 16        | 7.328       | 714           | 721         | 730          | rBV      | 1722092        | 2704174       | 25.99%          | 2.478%        |
| 17        | 7.528       | 746           | 755         | 766          | rBV      | 1517730        | 2457077       | 23.62%          | 2.251%        |
| 18        | 7.610       | 766           | 769         | 776          | rVB8     | 15040          | 25845         | 0.25%           | 0.024%        |
| 19        | 7.998       | 827           | 835         | 841          | rBV      | 1575123        | 2504232       | 24.07%          | 2.294%        |
| 20        | 8.063       | 841           | 846         | 855          | rVB      | 108642         | 179875        | 1.73%           | 0.165%        |
| 21        | 8.345       | 887           | 894         | 899          | rVB      | 23606          | 41876         | 0.40%           | 0.038%        |
| 22        | 8.704       | 947           | 955         | 967          | rBV      | 1230650        | 1903118       | 18.29%          | 1.744%        |
| 23        | 8.828       | 970           | 976         | 982          | rVV      | 54101          | 102263        | 0.98%           | 0.094%        |
| 24        | 8.928       | 986           | 993         | 998          | rVB8     | 15715          | 32336         | 0.31%           | 0.030%        |
| 25        | 9.163       | 1018          | 1033        | 1042         | rBV      | 2025533        | 3303268       | 31.75%          | 3.026%        |
| 26        | 9.292       | 1047          | 1055        | 1067         | rVV      | 164175         | 326787        | 3.14%           | 0.299%        |
| 27        | 9.398       | 1067          | 1073        | 1084         | rVB2     | 66166          | 118379        | 1.14%           | 0.108%        |
| 28        | 9.657       | 1114          | 1117        | 1121         | rBV6     | 8639           | 14637         | 0.14%           | 0.013%        |
| 29        | 9.722       | 1125          | 1128        | 1132         | rVB5     | 11380          | 15186         | 0.15%           | 0.014%        |
| 30        | 9.886       | 1147          | 1156        | 1175         | rBV      | 1457622        | 2389363       | 22.97%          | 2.189%        |
| 31        | 10.422      | 1239          | 1247        | 1262         | rBV      | 2182502        | 3625114       | 34.84%          | 3.321%        |
| 32        | 10.727      | 1294          | 1299        | 1304         | rBV4     | 12773          | 21795         | 0.21%           | 0.020%        |
| 33        | 10.804      | 1304          | 1312        | 1321         | rVV      | 2190734        | 3703065       | 35.59%          | 3.393%        |
| 34        | 10.945      | 1327          | 1336        | 1347         | rBV      | 1956373        | 3348521       | 32.19%          | 3.068%        |
| 35        | 11.345      | 1397          | 1404        | 1410         | rBV      | 27122          | 49200         | 0.47%           | 0.045%        |
| 36        | 11.404      | 1410          | 1414        | 1419         | rVV      | 31517          | 52027         | 0.50%           | 0.048%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092622\  
 Data File : BM036771.D  
 Acq On : 27 Sep 2022 07:27  
 Operator : CG/JU  
 Sample : N4689-01 10X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AY5

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\_M\Methods\SFAM-EPA-BM091522.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 11.469 | 1419 | 1425 | 1431 | rVB2  | 13700   | 27819   | 0.27%  | 0.025% |
| 38 | 11.592 | 1440 | 1446 | 1449 | rBV7  | 13436   | 25800   | 0.25%  | 0.024% |
| 39 | 11.651 | 1452 | 1456 | 1464 | rVB4  | 17020   | 33909   | 0.33%  | 0.031% |
| 40 | 12.063 | 1520 | 1526 | 1532 | rVV8  | 6960    | 17521   | 0.17%  | 0.016% |
| 41 | 12.145 | 1536 | 1540 | 1544 | rVV7  | 9533    | 14221   | 0.14%  | 0.013% |
| 42 | 12.192 | 1544 | 1548 | 1555 | rVB4  | 21341   | 40982   | 0.39%  | 0.038% |
| 43 | 12.339 | 1570 | 1573 | 1577 | rBV6  | 5511    | 10527   | 0.10%  | 0.010% |
| 44 | 12.386 | 1577 | 1581 | 1589 | rVB2  | 47528   | 75136   | 0.72%  | 0.069% |
| 45 | 12.474 | 1589 | 1596 | 1602 | rBV   | 28605   | 49354   | 0.47%  | 0.045% |
| 46 | 13.521 | 1768 | 1774 | 1783 | rBV4  | 20218   | 41111   | 0.40%  | 0.038% |
| 47 | 13.598 | 1783 | 1787 | 1792 | rVV6  | 9750    | 17537   | 0.17%  | 0.016% |
| 48 | 14.033 | 1854 | 1861 | 1874 | rBV   | 4206108 | 5870144 | 56.42% | 5.378% |
| 49 | 14.145 | 1877 | 1880 | 1887 | rVB9  | 10069   | 21204   | 0.20%  | 0.019% |
| 50 | 14.315 | 1902 | 1909 | 1927 | rBV   | 4926100 | 7156797 | 68.79% | 6.557% |
| 51 | 14.621 | 1954 | 1961 | 1971 | rBV   | 3435963 | 4837153 | 46.49% | 4.432% |
| 52 | 14.810 | 1987 | 1993 | 2003 | rBV2  | 219142  | 429824  | 4.13%  | 0.394% |
| 53 | 15.027 | 2025 | 2030 | 2034 | rVB8  | 11177   | 16395   | 0.16%  | 0.015% |
| 54 | 15.392 | 2086 | 2092 | 2096 | rBV2  | 17742   | 34118   | 0.33%  | 0.031% |
| 55 | 15.439 | 2096 | 2100 | 2107 | rVB2  | 20082   | 30727   | 0.30%  | 0.028% |
| 56 | 15.609 | 2122 | 2129 | 2142 | rBV   | 6798277 | 9166672 | 88.11% | 8.398% |
| 57 | 15.721 | 2142 | 2148 | 2163 | rVV   | 1333322 | 1823017 | 17.52% | 1.670% |
| 58 | 15.851 | 2165 | 2170 | 2176 | rVB2  | 52655   | 89570   | 0.86%  | 0.082% |
| 59 | 15.968 | 2187 | 2190 | 2195 | rBV4  | 12445   | 16572   | 0.16%  | 0.015% |
| 60 | 16.168 | 2220 | 2224 | 2231 | rVB10 | 8128    | 15621   | 0.15%  | 0.014% |
| 61 | 16.392 | 2256 | 2262 | 2267 | rBV4  | 16173   | 29482   | 0.28%  | 0.027% |
| 62 | 16.662 | 2304 | 2308 | 2311 | rBV5  | 8729    | 13383   | 0.13%  | 0.012% |
| 63 | 16.833 | 2334 | 2337 | 2344 | rBV5  | 11141   | 20628   | 0.20%  | 0.019% |
| 64 | 17.033 | 2369 | 2371 | 2376 | rVB6  | 9584    | 12192   | 0.12%  | 0.011% |
| 65 | 17.139 | 2387 | 2389 | 2396 | rVV5  | 7424    | 12922   | 0.12%  | 0.012% |
| 66 | 17.356 | 2420 | 2426 | 2436 | rBV   | 3589879 | 5101166 | 49.03% | 4.674% |
| 67 | 17.456 | 2437 | 2443 | 2456 | rVV   | 6600879 | 9422365 | 90.57% | 8.633% |
| 68 | 18.027 | 2535 | 2540 | 2545 | rBV2  | 110767  | 143139  | 1.38%  | 0.131% |
| 69 | 18.250 | 2574 | 2578 | 2586 | rBV9  | 30228   | 53710   | 0.52%  | 0.049% |
| 70 | 18.327 | 2587 | 2591 | 2598 | rVB   | 35967   | 50706   | 0.49%  | 0.046% |
| 71 | 19.309 | 2754 | 2758 | 2762 | rBV3  | 71442   | 91487   | 0.88%  | 0.084% |
| 72 | 19.380 | 2766 | 2770 | 2777 | rVV   | 60312   | 96710   | 0.93%  | 0.089% |
| 73 | 19.745 | 2825 | 2832 | 2842 | rBV   | 7271436 | 9672135 | 92.97% | 8.861% |
| 74 | 20.733 | 2997 | 3000 | 3005 | rBV2  | 123361  | 151040  | 1.45%  | 0.138% |
| 75 | 21.527 | 3130 | 3135 | 3142 | rBV   | 3331389 | 4210329 | 40.47% | 3.857% |
| 76 | 23.803 | 3515 | 3522 | 3538 | rVB   | 3544825 | 7228564 | 69.48% | 6.623% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092622\  
Data File : BM036771.D  
Acq On : 27 Sep 2022 07:27  
Operator : CG/JU  
Sample : N4689-01 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AY5

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\_M\Methods\SFAM-EPA-BM091522.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 77 | 23.956 | 3542 | 3548 | 3561 | rVB2 | 1845044 | 3737762 | 35.93% | 3.424% |
|----|--------|------|------|------|------|---------|---------|--------|--------|

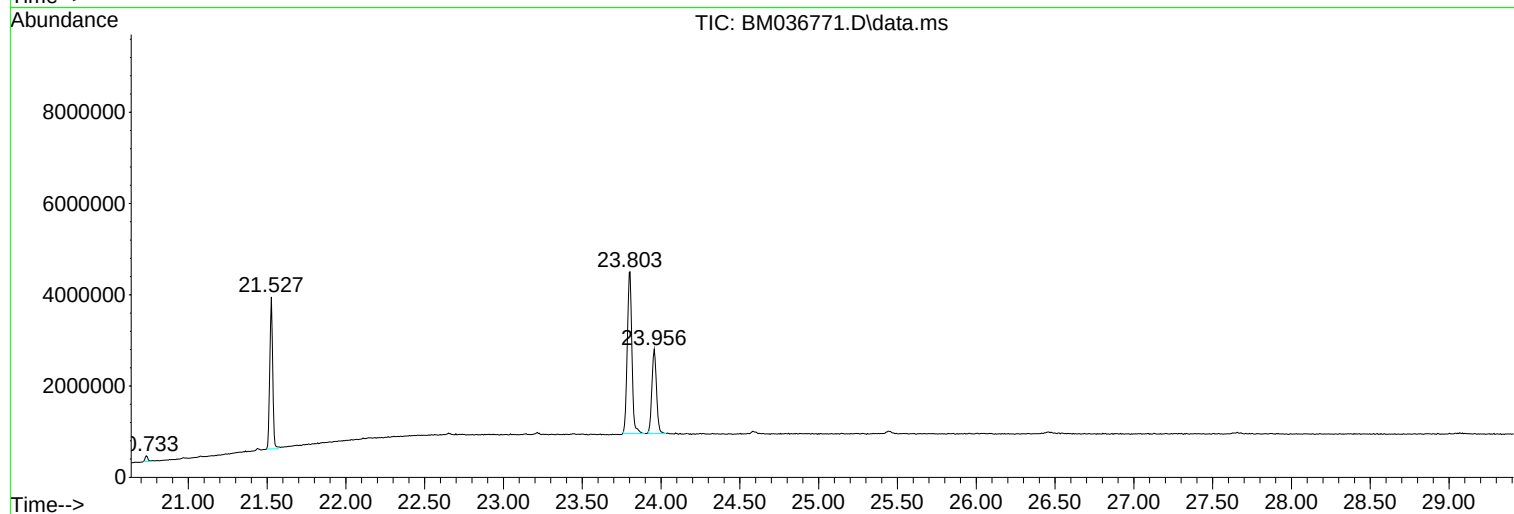
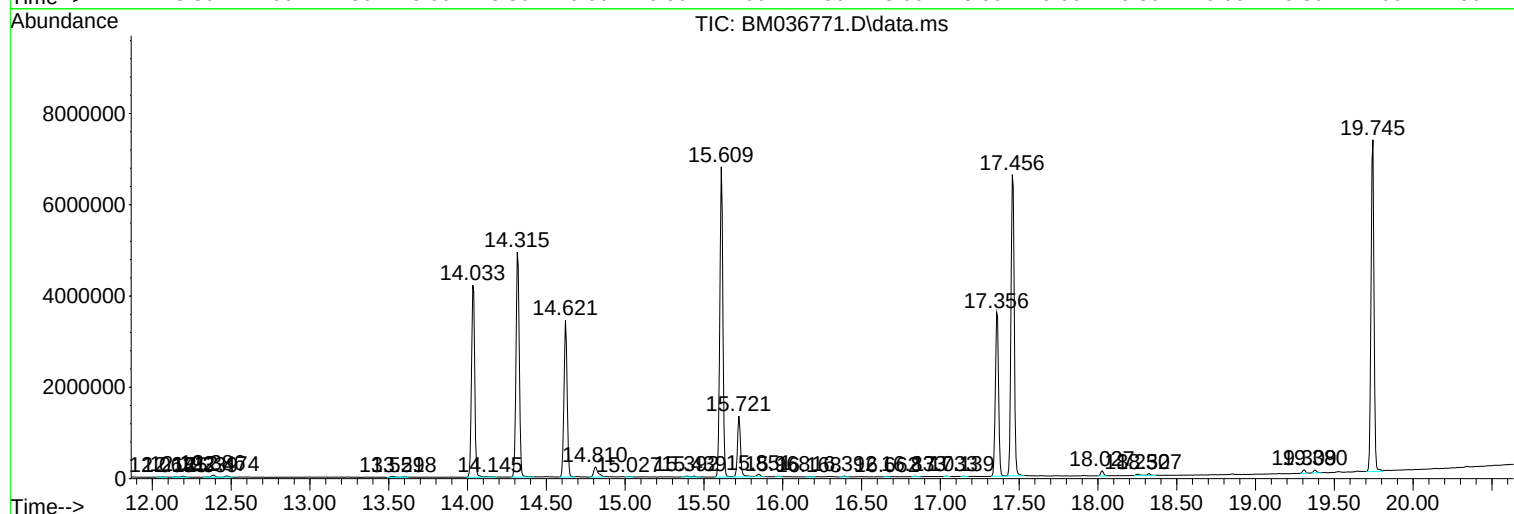
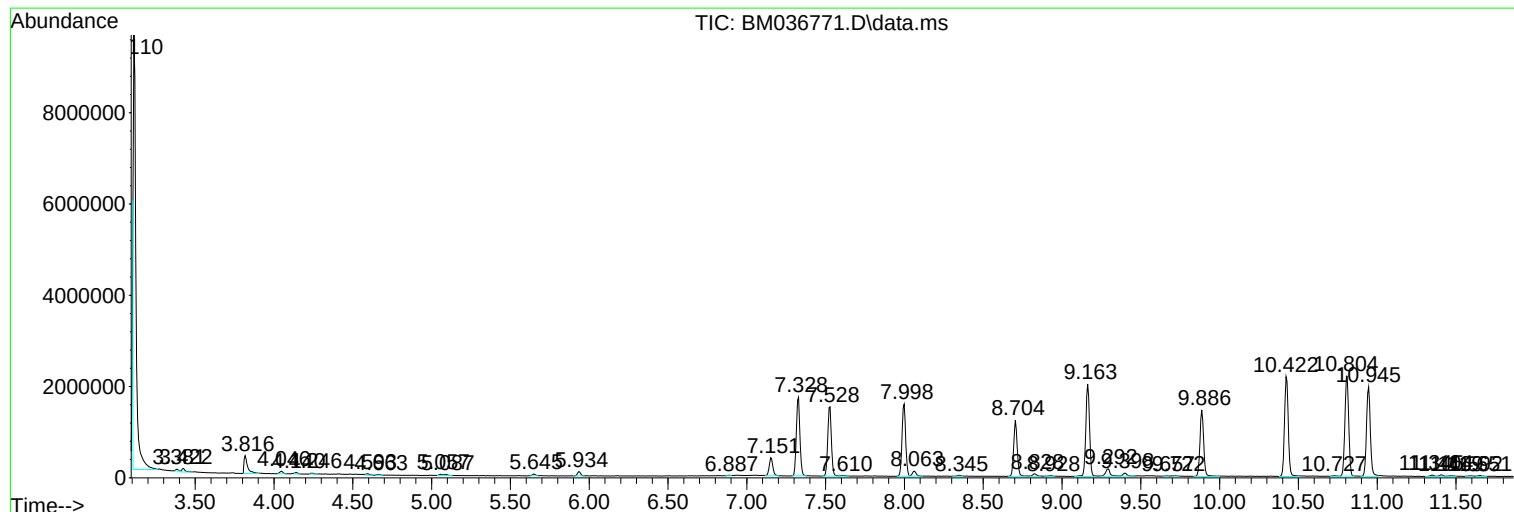
Sum of corrected areas: 109148268

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092622\  
Data File : BM036771.D  
Acq On : 27 Sep 2022 07:27  
Operator : CG/JU  
Sample : N4689-01 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AY5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092622\  
Data File : BM036771.D  
Acq On : 27 Sep 2022 07:27  
Operator : CG/JU  
Sample : N4689-01 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AY5

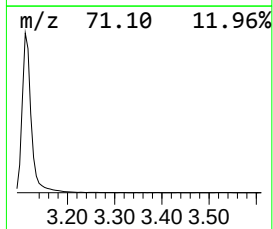
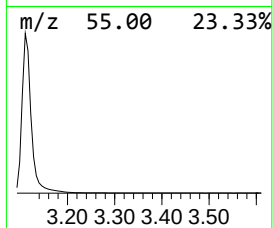
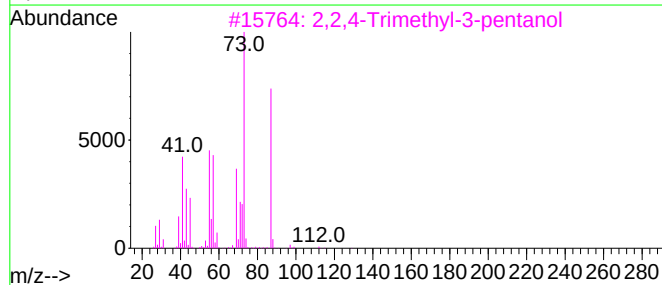
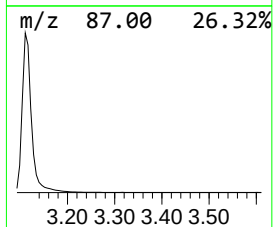
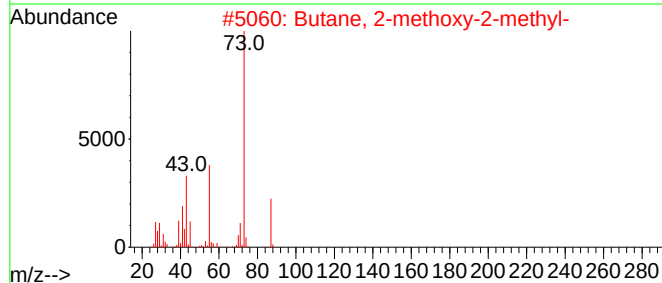
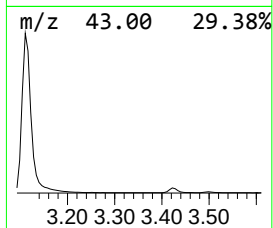
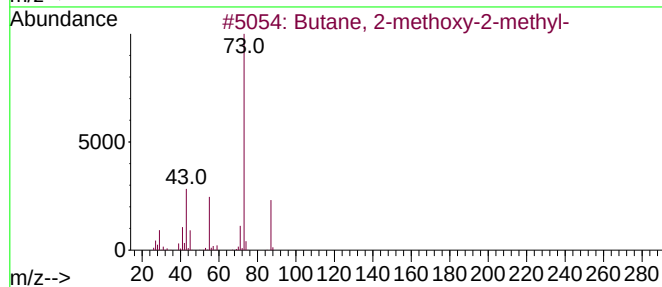
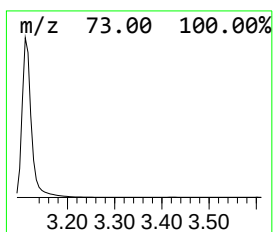
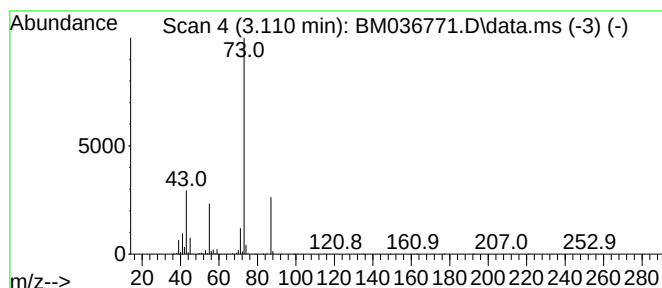
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 3.110 | 83.09 ng/ul | 10403700 | 1,4-Dichlorobenzene-d4 | 7.998 |

| Hit# | of                          | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-----------------------------|-----|--------------|-------------|---------|------|------|
| 1    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 83      |      |      |
| 2    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 78      |      |      |
| 3    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O       | 005162-48-1 | 43      |      |      |
| 4    | Pentane, 3-methoxy-         | 102 | C6H14O       | 036839-67-5 | 23      |      |      |
| 5    | Silane, tetramethyl-        | 88  | C4H12Si      | 000075-76-3 | 9       |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092622\  
Data File : BM036771.D  
Acq On : 27 Sep 2022 07:27  
Operator : CG/JU  
Sample : N4689-01 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AY5

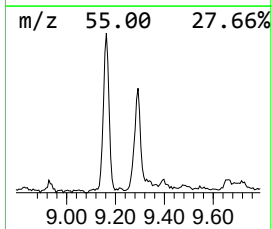
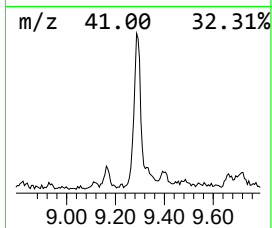
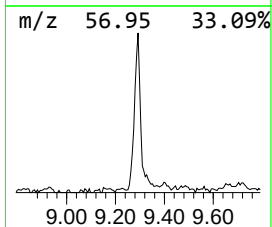
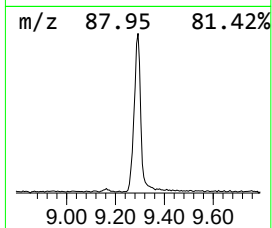
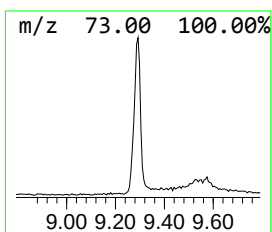
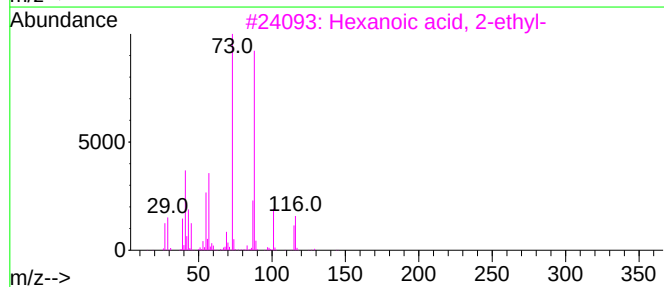
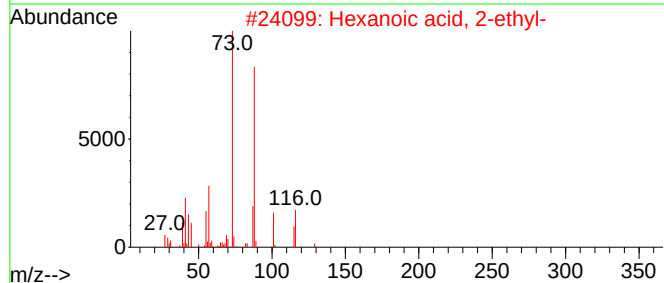
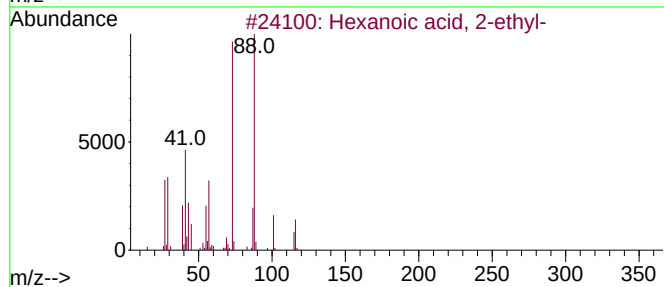
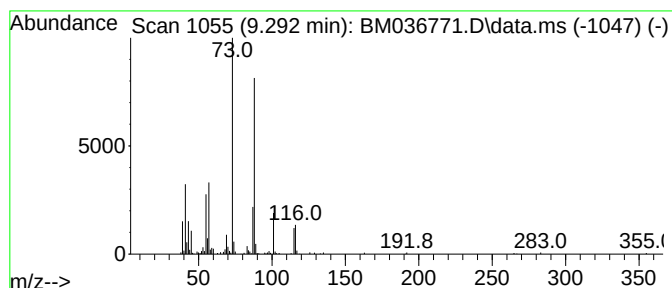
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 9.292 | 2.61 ng/ul | 326787 | 1,4-Dichlorobenzene-d4 | 7.998 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90   |
| 2    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90   |
| 3    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90   |
| 4    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 86   |
| 5    |    |   | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092622\  
Data File : BM036771.D  
Acq On : 27 Sep 2022 07:27  
Operator : CG/JU  
Sample : N4689-01 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AY5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.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... | 3.110 | 83.1    | ng/ul | 10403700 | 1                     | 7.998 | 2504230 | 20.0 |
| Hexanoic acid, ... | 9.292 | 2.6     | ng/ul | 326787   | 1                     | 7.998 | 2504230 | 20.0 |