

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030124\  
 Data File : BM044495.D  
 Acq On : 02 Mar 2024 06:42  
 Operator : MA/JU  
 Sample : P1496-08  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHA11

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-BM022324.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM044495.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         | 3.234       | 19            | 25          | 32           | rVB      | 496207         | 626460        | 11.49%          | 1.161%        |
| 2         | 3.340       | 38            | 43          | 58           | rVB      | 4546266        | 5452404       | 100.00%         | 10.108%       |
| 3         | 3.651       | 92            | 96          | 102          | rVB      | 79548          | 92603         | 1.70%           | 0.172%        |
| 4         | 4.134       | 175           | 178         | 200          | rBV      | 369196         | 671376        | 12.31%          | 1.245%        |
| 5         | 4.498       | 235           | 240         | 246          | rBV      | 62620          | 81620         | 1.50%           | 0.151%        |
| 6         | 5.581       | 420           | 424         | 428          | rBV6     | 4826           | 6942          | 0.13%           | 0.013%        |
| 7         | 6.028       | 495           | 500         | 512          | rVB      | 20714          | 36355         | 0.67%           | 0.067%        |
| 8         | 6.234       | 533           | 535         | 541          | rVB6     | 4760           | 7320          | 0.13%           | 0.014%        |
| 9         | 6.398       | 555           | 563         | 570          | rBV      | 54549          | 90091         | 1.65%           | 0.167%        |
| 10        | 6.569       | 587           | 592         | 600          | rVB      | 74046          | 121964        | 2.24%           | 0.226%        |
| 11        | 7.775       | 789           | 797         | 805          | rBV      | 314795         | 504460        | 9.25%           | 0.935%        |
| 12        | 7.951       | 821           | 827         | 841          | rBV      | 1076486        | 1692757       | 31.05%          | 3.138%        |
| 13        | 8.134       | 851           | 858         | 866          | rBV      | 1002074        | 1615621       | 29.63%          | 2.995%        |
| 14        | 8.239       | 873           | 876         | 882          | rVB9     | 6835           | 12155         | 0.22%           | 0.023%        |
| 15        | 8.622       | 934           | 941         | 951          | rBV      | 766481         | 1214439       | 22.27%          | 2.251%        |
| 16        | 8.710       | 952           | 956         | 961          | rVB2     | 10890          | 17750         | 0.33%           | 0.033%        |
| 17        | 9.380       | 1062          | 1070        | 1082         | rBV      | 755841         | 1260470       | 23.12%          | 2.337%        |
| 18        | 9.492       | 1086          | 1089        | 1097         | rVB6     | 4850           | 9316          | 0.17%           | 0.017%        |
| 19        | 9.833       | 1140          | 1147        | 1158         | rBV      | 1068111        | 1782598       | 32.69%          | 3.305%        |
| 20        | 9.969       | 1168          | 1170        | 1175         | rVB4     | 7932           | 10171         | 0.19%           | 0.019%        |
| 21        | 10.263      | 1215          | 1220        | 1224         | rVB5     | 6563           | 12540         | 0.23%           | 0.023%        |
| 22        | 10.575      | 1266          | 1273        | 1285         | rBV      | 817082         | 1370255       | 25.13%          | 2.540%        |
| 23        | 11.122      | 1359          | 1366        | 1377         | rBV      | 1065331        | 1887751       | 34.62%          | 3.500%        |
| 24        | 11.504      | 1424          | 1431        | 1440         | rVB      | 927574         | 1592064       | 29.20%          | 2.951%        |
| 25        | 11.580      | 1440          | 1444        | 1449         | rVB8     | 5681           | 9525          | 0.17%           | 0.018%        |
| 26        | 11.663      | 1451          | 1458        | 1475         | rBV      | 1002845        | 1834789       | 33.65%          | 3.401%        |
| 27        | 12.080      | 1524          | 1529        | 1532         | rBV5     | 5848           | 6726          | 0.12%           | 0.012%        |
| 28        | 12.169      | 1543          | 1544        | 1552         | rVB5     | 8265           | 10643         | 0.20%           | 0.020%        |
| 29        | 12.480      | 1594          | 1597        | 1598         | rBV3     | 6421           | 6622          | 0.12%           | 0.012%        |
| 30        | 12.757      | 1638          | 1644        | 1648         | rBV6     | 7385           | 12431         | 0.23%           | 0.023%        |
| 31        | 12.904      | 1664          | 1669        | 1675         | rBV6     | 4481           | 9232          | 0.17%           | 0.017%        |
| 32        | 13.057      | 1687          | 1695        | 1700         | rBV2     | 24305          | 44697         | 0.82%           | 0.083%        |
| 33        | 13.121      | 1700          | 1706        | 1711         | rBV2     | 15884          | 29286         | 0.54%           | 0.054%        |
| 34        | 13.321      | 1736          | 1740        | 1746         | rVB3     | 6067           | 7649          | 0.14%           | 0.014%        |
| 35        | 13.633      | 1790          | 1793        | 1795         | rBV3     | 5539           | 5987          | 0.11%           | 0.011%        |
| 36        | 14.016      | 1854          | 1858        | 1864         | rBV9     | 5533           | 9671          | 0.18%           | 0.018%        |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHA11

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-BM022324.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 14.115 | 1871 | 1875 | 1879 | rVB3  | 11740   | 19178   | 0.35%  | 0.036% |
| 38 | 14.168 | 1879 | 1884 | 1888 | rBV3  | 20537   | 31252   | 0.57%  | 0.058% |
| 39 | 14.668 | 1963 | 1969 | 1981 | rBV   | 1837295 | 2528381 | 46.37% | 4.687% |
| 40 | 14.798 | 1986 | 1991 | 1998 | rVB10 | 6893    | 11692   | 0.21%  | 0.022% |
| 41 | 14.927 | 2006 | 2013 | 2029 | rBV   | 2305701 | 3323582 | 60.96% | 6.161% |
| 42 | 15.227 | 2055 | 2064 | 2072 | rBV   | 1228151 | 1772734 | 32.51% | 3.286% |
| 43 | 15.451 | 2095 | 2102 | 2114 | rBV3  | 52722   | 169389  | 3.11%  | 0.314% |
| 44 | 15.639 | 2130 | 2134 | 2139 | rBV6  | 19678   | 31356   | 0.58%  | 0.058% |
| 45 | 15.680 | 2139 | 2141 | 2146 | rVB6  | 8040    | 12683   | 0.23%  | 0.024% |
| 46 | 15.886 | 2171 | 2176 | 2182 | rBV7  | 9884    | 19818   | 0.36%  | 0.037% |
| 47 | 16.027 | 2194 | 2200 | 2208 | rVB6  | 11311   | 22195   | 0.41%  | 0.041% |
| 48 | 16.204 | 2223 | 2230 | 2242 | rBV   | 2650403 | 3813289 | 69.94% | 7.069% |
| 49 | 16.321 | 2244 | 2250 | 2262 | rVV   | 552531  | 815480  | 14.96% | 1.512% |
| 50 | 16.433 | 2266 | 2269 | 2276 | rVB6  | 11495   | 19878   | 0.36%  | 0.037% |
| 51 | 16.568 | 2289 | 2292 | 2296 | rBV6  | 5685    | 7349    | 0.13%  | 0.014% |
| 52 | 16.756 | 2321 | 2324 | 2330 | rBV7  | 4642    | 8272    | 0.15%  | 0.015% |
| 53 | 16.809 | 2330 | 2333 | 2337 | rVB4  | 4852    | 6944    | 0.13%  | 0.013% |
| 54 | 16.974 | 2358 | 2361 | 2368 | rVB7  | 10440   | 16340   | 0.30%  | 0.030% |
| 55 | 17.445 | 2438 | 2441 | 2447 | rBV2  | 10000   | 15100   | 0.28%  | 0.028% |
| 56 | 17.545 | 2453 | 2458 | 2460 | rVB5  | 6793    | 8128    | 0.15%  | 0.015% |
| 57 | 17.609 | 2466 | 2469 | 2474 | rBV7  | 5897    | 10312   | 0.19%  | 0.019% |
| 58 | 17.939 | 2515 | 2525 | 2534 | rBV   | 1201930 | 1733530 | 31.79% | 3.214% |
| 59 | 18.039 | 2535 | 2542 | 2556 | rVV2  | 2503529 | 3798207 | 69.66% | 7.041% |
| 60 | 18.145 | 2556 | 2560 | 2564 | rVB7  | 10208   | 16156   | 0.30%  | 0.030% |
| 61 | 18.486 | 2615 | 2618 | 2622 | rBV6  | 4251    | 5540    | 0.10%  | 0.010% |
| 62 | 18.603 | 2635 | 2638 | 2642 | rBV3  | 19064   | 24525   | 0.45%  | 0.045% |
| 63 | 18.827 | 2670 | 2676 | 2682 | rBV4  | 24613   | 40109   | 0.74%  | 0.074% |
| 64 | 19.109 | 2721 | 2724 | 2728 | rBV6  | 4533    | 6701    | 0.12%  | 0.012% |
| 65 | 19.386 | 2769 | 2771 | 2778 | rVB7  | 8811    | 12948   | 0.24%  | 0.024% |
| 66 | 19.656 | 2815 | 2817 | 2820 | rBV4  | 5229    | 5643    | 0.10%  | 0.010% |
| 67 | 19.839 | 2844 | 2848 | 2853 | rBV2  | 32409   | 42411   | 0.78%  | 0.079% |
| 68 | 19.909 | 2855 | 2860 | 2864 | rBV   | 27492   | 38027   | 0.70%  | 0.070% |
| 69 | 20.062 | 2882 | 2886 | 2891 | rBV7  | 12702   | 19471   | 0.36%  | 0.036% |
| 70 | 20.209 | 2908 | 2911 | 2913 | rBV3  | 16703   | 18662   | 0.34%  | 0.035% |
| 71 | 20.262 | 2914 | 2920 | 2928 | rVV   | 3153937 | 4145578 | 76.03% | 7.685% |
| 72 | 22.044 | 3218 | 3223 | 3233 | rBV2  | 1265975 | 1812706 | 33.25% | 3.361% |
| 73 | 24.650 | 3657 | 3666 | 3686 | rBV2  | 2242522 | 5119582 | 93.90% | 9.491% |
| 74 | 24.838 | 3690 | 3698 | 3716 | rVB   | 902452  | 2281233 | 41.84% | 4.229% |

Sum of corrected areas: 53941121

**Instrument :**

BNA\_M

**ClientSampleId :**

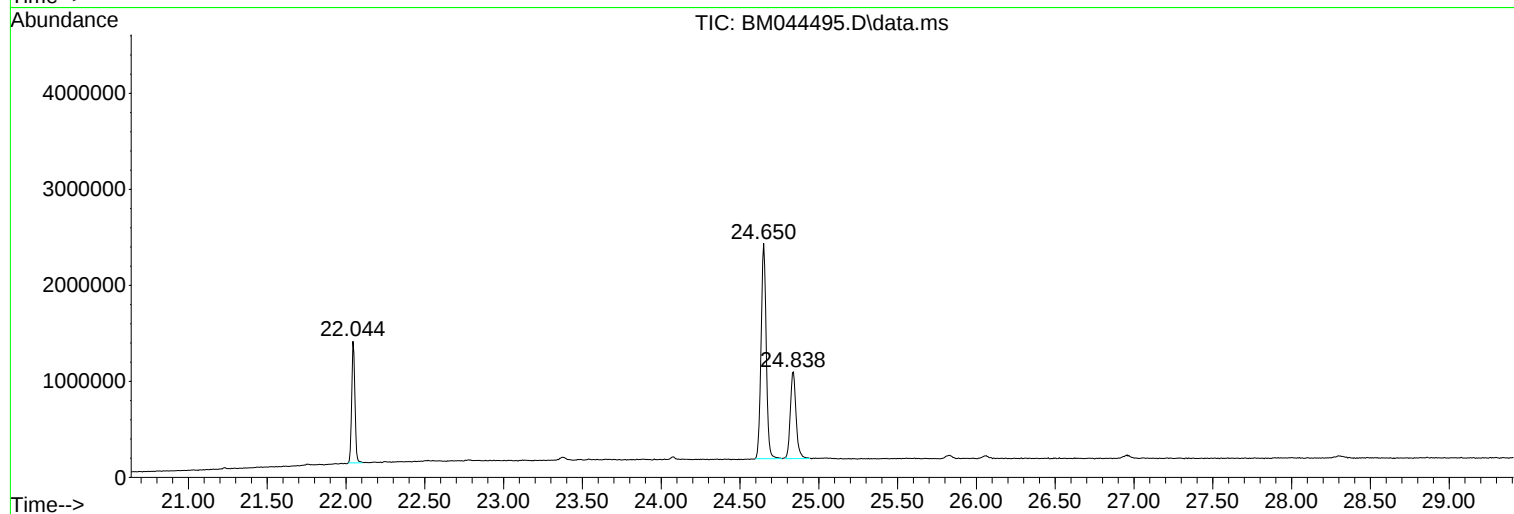
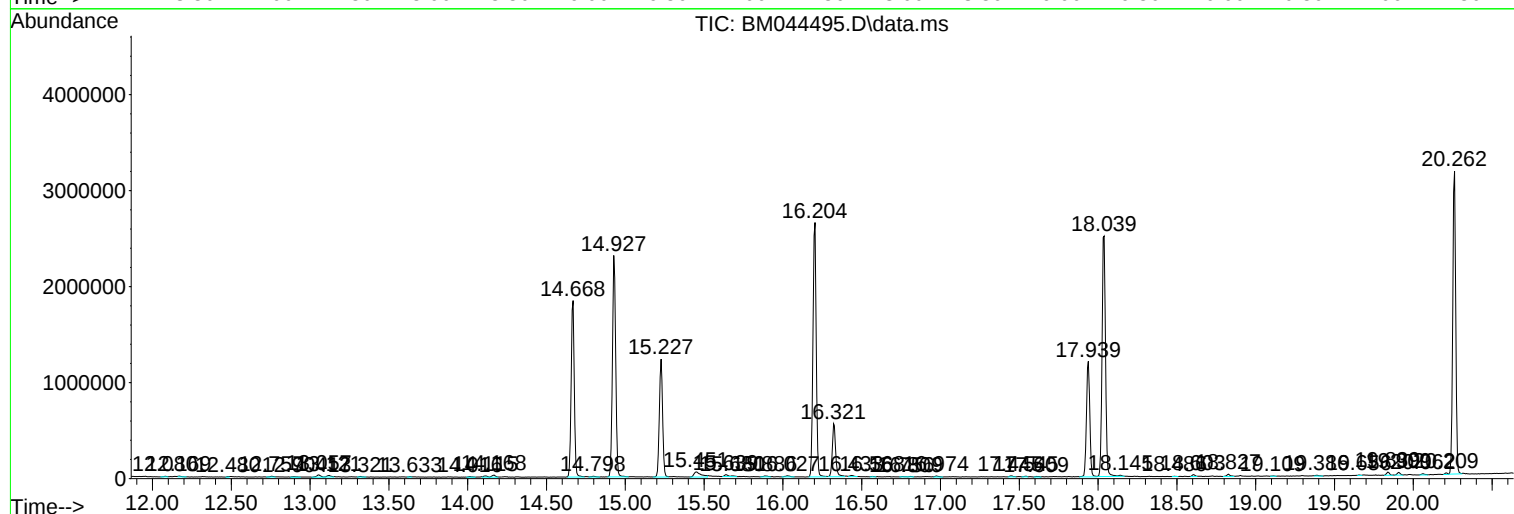
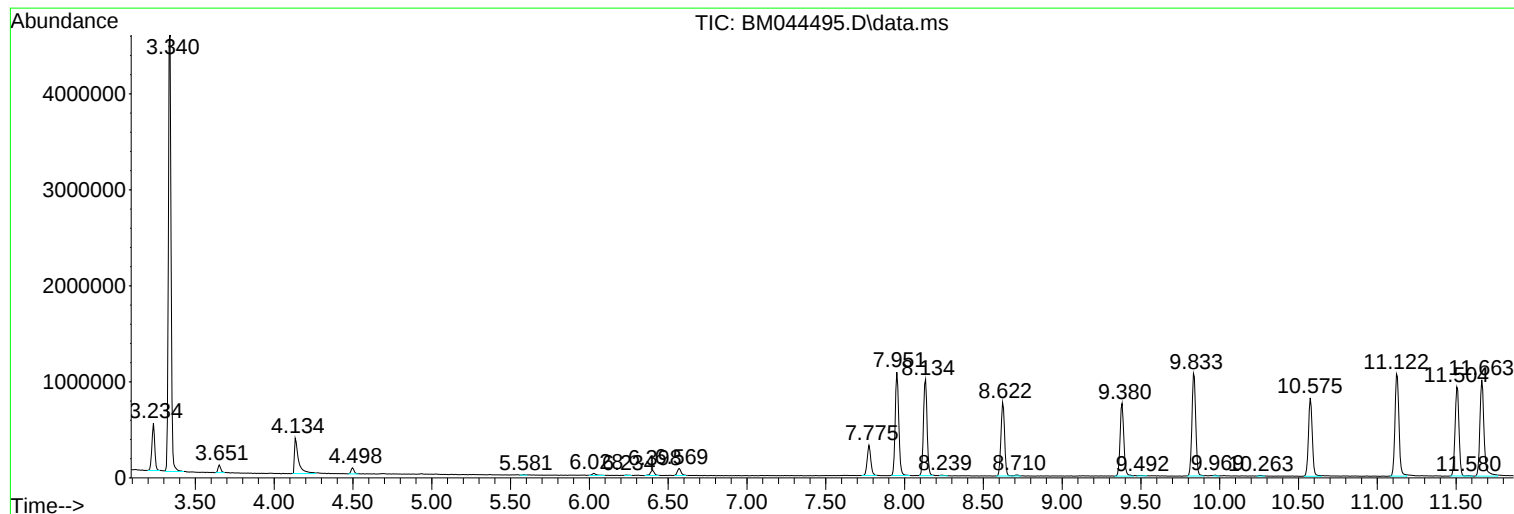
BHA11

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030124\  
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Operator : MA/JU  
Sample : P1496-08  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHA11

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022324.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030124\  
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Instrument :  
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ClientSampleId :  
BHA11

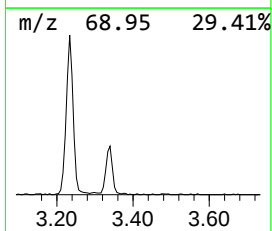
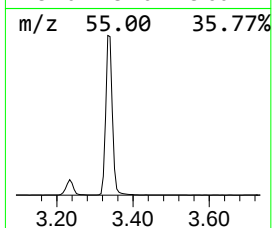
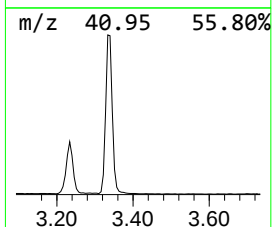
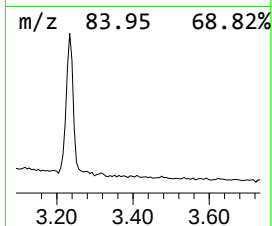
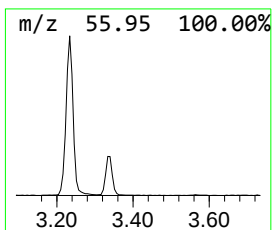
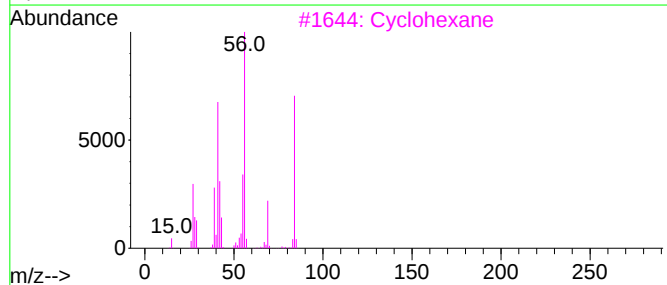
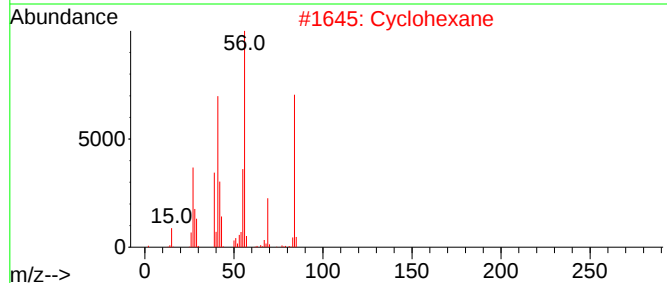
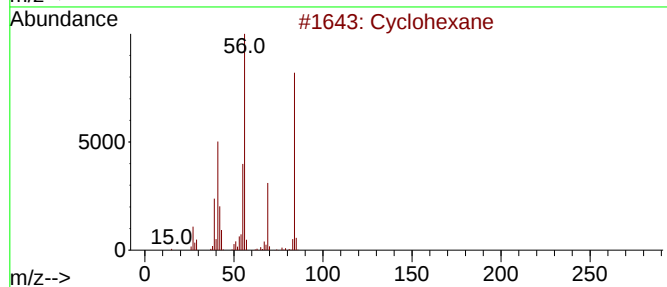
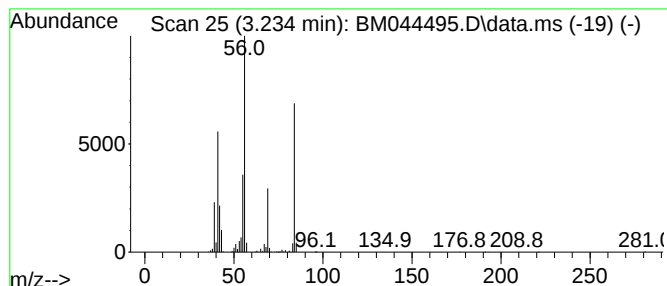
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022324.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Cyclic3.234 Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.234 | 10.32 ng/ul | 626460 | 1,4-Dichlorobenzene-d4 | 8.622 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 95   |
| 2    |    |   | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 91   |
| 3    |    |   | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 91   |
| 4    |    |   | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 90   |
| 5    |    |   | Cyclopentane, methyl- | 84 | C6H12   | 000096-37-7 | 83   |



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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHA11

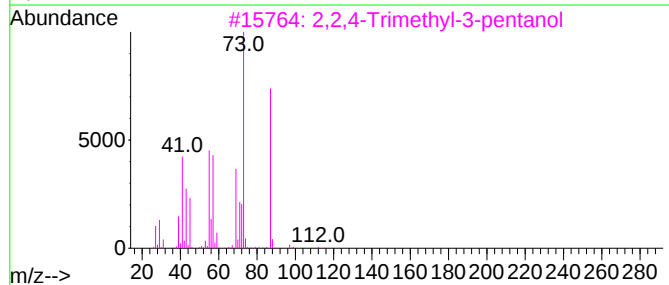
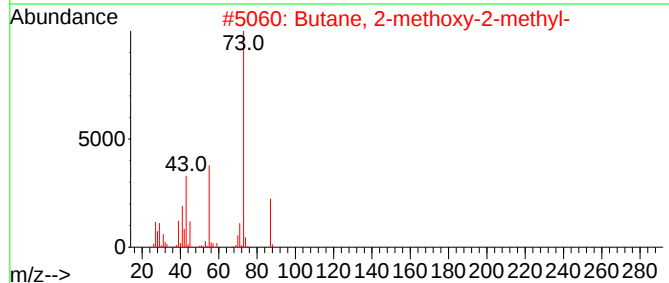
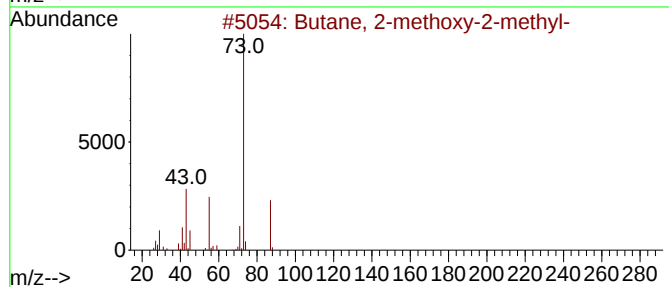
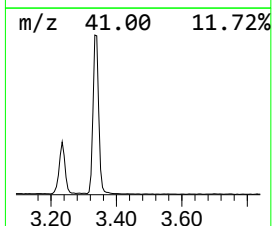
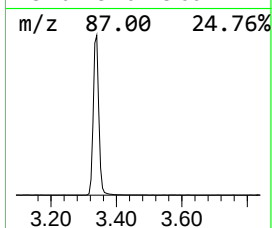
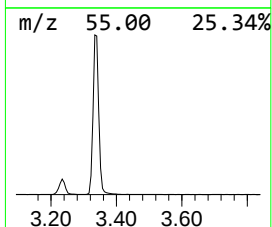
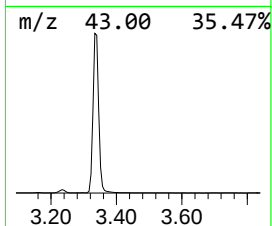
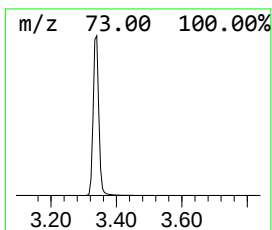
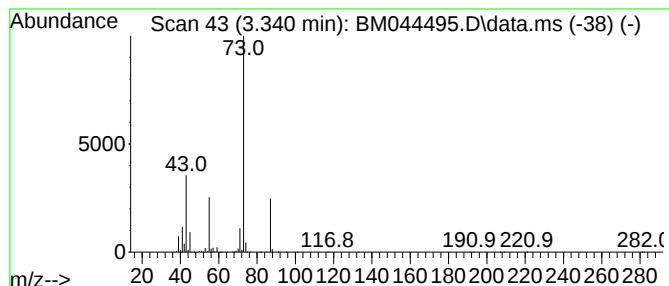
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022324.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.340 | 89.79 ng/ul | 5452400 | 1,4-Dichlorobenzene-d4 | 8.622 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 74   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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BHA11

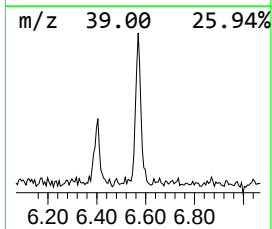
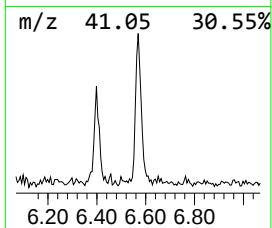
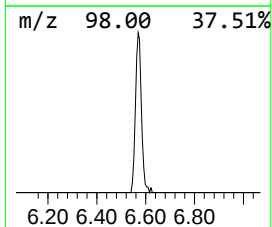
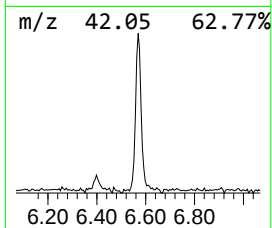
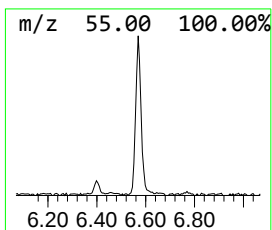
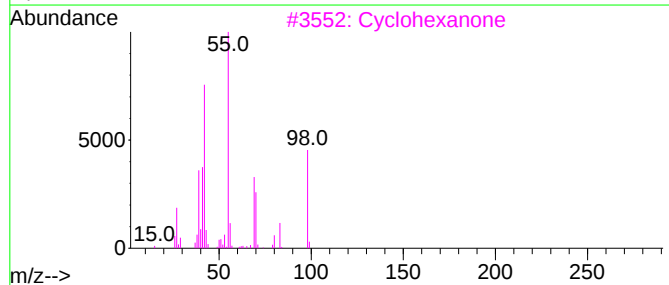
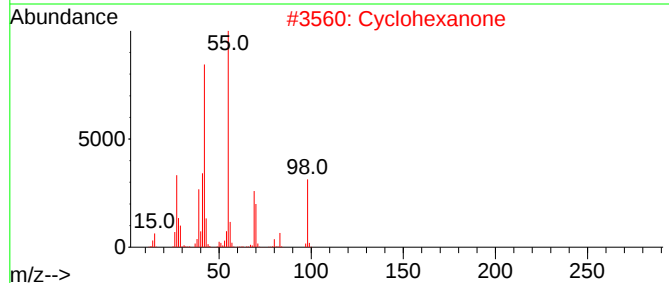
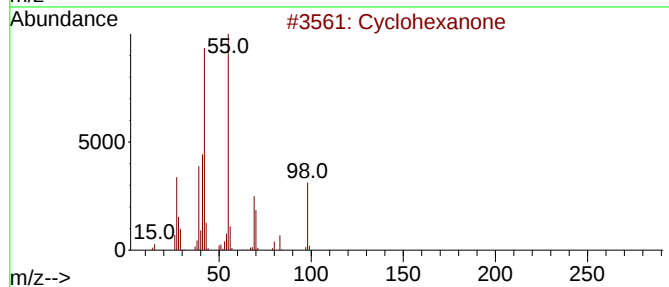
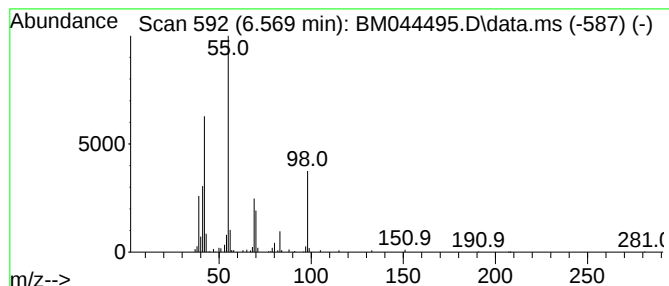
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022324.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Cyclohexanone Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.569 | 2.01 ng/ul | 121964 | 1,4-Dichlorobenzene-d4 | 8.622 |

| Hit# | of | 5 | Tentative ID  | MW | MolForm | CAS#        | Qual |
|------|----|---|---------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexanone | 98 | C6H10O  | 000108-94-1 | 91   |
| 2    |    |   | Cyclohexanone | 98 | C6H10O  | 000108-94-1 | 91   |
| 3    |    |   | Cyclohexanone | 98 | C6H10O  | 000108-94-1 | 90   |
| 4    |    |   | Cyclohexanone | 98 | C6H10O  | 000108-94-1 | 87   |
| 5    |    |   | Cyclohexanone | 98 | C6H10O  | 000108-94-1 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030124\  
Data File : BM044495.D  
Acq On : 02 Mar 2024 06:42  
Operator : MA/JU  
Sample : P1496-08  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHA11

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022324.MA.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 |
| (DEL) Alkane: C... | 3.234 | 10.3    | ng/u1 | 626460   | 1                     | 8.622 | 1214440 | 20.0 |
| Butane, 2-metho... | 3.340 | 89.8    | ng/u1 | 5452400  | 1                     | 8.622 | 1214440 | 20.0 |
| Cyclohexanone      | 6.569 | 2.0     | ng/u1 | 121964   | 1                     | 8.622 | 1214440 | 20.0 |