

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101821\  
 Data File : BP007488.D  
 Acq On : 19 Oct 2021 11:23  
 Operator : CG/JU  
 Sample : M4196-12  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JDGB1

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\_P\METHODS\SFAM-EPA-BP101421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP007488.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         | 3.123       | 3             | 6           | 28           | rVB      | 6262394        | 8483947       | 100.00%         | 23.304%       |
| 2         | 3.381       | 46            | 50          | 56           | rVB      | 28503          | 38802         | 0.46%           | 0.107%        |
| 3         | 3.811       | 120           | 123         | 132          | rBV      | 26867          | 42619         | 0.50%           | 0.117%        |
| 4         | 4.040       | 157           | 162         | 170          | rVB      | 42806          | 66116         | 0.78%           | 0.182%        |
| 5         | 4.134       | 174           | 178         | 184          | rVB      | 13026          | 17584         | 0.21%           | 0.048%        |
| 6         | 4.228       | 188           | 194         | 199          | rBV5     | 16133          | 26548         | 0.31%           | 0.073%        |
| 7         | 4.499       | 239           | 240         | 246          | rVB6     | 7432           | 10812         | 0.13%           | 0.030%        |
| 8         | 5.052       | 328           | 334         | 340          | rBV      | 22820          | 35496         | 0.42%           | 0.098%        |
| 9         | 6.334       | 547           | 552         | 559          | rVB2     | 16137          | 25594         | 0.30%           | 0.070%        |
| 10        | 7.111       | 676           | 684         | 693          | rBV      | 260427         | 420288        | 4.95%           | 1.154%        |
| 11        | 7.281       | 707           | 713         | 722          | rVB      | 197133         | 311868        | 3.68%           | 0.857%        |
| 12        | 7.487       | 741           | 748         | 758          | rBV      | 237537         | 389289        | 4.59%           | 1.069%        |
| 13        | 7.605       | 763           | 768         | 777          | rVB      | 6168           | 14559         | 0.17%           | 0.040%        |
| 14        | 7.958       | 821           | 828         | 837          | rVB      | 703699         | 1097677       | 12.94%          | 3.015%        |
| 15        | 8.205       | 864           | 870         | 874          | rBV7     | 10626          | 19524         | 0.23%           | 0.054%        |
| 16        | 8.516       | 919           | 923         | 929          | rBV4     | 7180           | 12911         | 0.15%           | 0.035%        |
| 17        | 8.658       | 939           | 947         | 957          | rBV      | 343381         | 554238        | 6.53%           | 1.522%        |
| 18        | 8.781       | 963           | 968         | 973          | rVB2     | 13586          | 22468         | 0.26%           | 0.062%        |
| 19        | 9.110       | 1015          | 1024        | 1032         | rBV      | 239265         | 389578        | 4.59%           | 1.070%        |
| 20        | 9.581       | 1094          | 1104        | 1107         | rBV      | 4170           | 11918         | 0.14%           | 0.033%        |
| 21        | 9.840       | 1139          | 1148        | 1156         | rBV      | 159819         | 276150        | 3.25%           | 0.759%        |
| 22        | 10.375      | 1233          | 1239        | 1251         | rBV      | 320954         | 535789        | 6.32%           | 1.472%        |
| 23        | 10.540      | 1259          | 1267        | 1275         | rBV      | 49186          | 89563         | 1.06%           | 0.246%        |
| 24        | 10.763      | 1297          | 1305        | 1316         | rVB      | 911491         | 1561051       | 18.40%          | 4.288%        |
| 25        | 10.893      | 1319          | 1327        | 1335         | rBV      | 320063         | 570475        | 6.72%           | 1.567%        |
| 26        | 13.210      | 1715          | 1721        | 1726         | rBV10    | 5200           | 8849          | 0.10%           | 0.024%        |
| 27        | 13.998      | 1848          | 1855        | 1870         | rBV      | 631040         | 881410        | 10.39%          | 2.421%        |
| 28        | 14.281      | 1892          | 1903        | 1915         | rBV      | 722039         | 1049714       | 12.37%          | 2.883%        |
| 29        | 14.593      | 1949          | 1956        | 1967         | rVB      | 1409407        | 2163807       | 25.50%          | 5.944%        |
| 30        | 14.769      | 1979          | 1986        | 1998         | rBV      | 212540         | 326694        | 3.85%           | 0.897%        |
| 31        | 15.004      | 2021          | 2026        | 2032         | rVB5     | 18752          | 28502         | 0.34%           | 0.078%        |
| 32        | 15.410      | 2089          | 2095        | 2101         | rBV9     | 5190           | 10756         | 0.13%           | 0.030%        |
| 33        | 15.581      | 2118          | 2124        | 2135         | rVB      | 909465         | 1366247       | 16.10%          | 3.753%        |
| 34        | 15.692      | 2137          | 2143        | 2152         | rBV      | 124132         | 181088        | 2.13%           | 0.497%        |
| 35        | 15.822      | 2159          | 2165        | 2170         | rBV4     | 12184          | 19664         | 0.23%           | 0.054%        |
| 36        | 16.145      | 2216          | 2220        | 2226         | rBV7     | 7165           | 11822         | 0.14%           | 0.032%        |

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 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JDGB1

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\_P\METHODS\SFAM-EPA-BP101421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 16.698 | 2309 | 2314 | 2319 | rBV  | 21198   | 31796   | 0.37%  | 0.087% |
| 38 | 16.951 | 2353 | 2357 | 2362 | rBV  | 22809   | 28273   | 0.33%  | 0.078% |
| 39 | 17.128 | 2379 | 2387 | 2391 | rBV3 | 11023   | 22520   | 0.27%  | 0.062% |
| 40 | 17.345 | 2417 | 2424 | 2433 | rVB  | 1856971 | 2665204 | 31.41% | 7.321% |
| 41 | 17.439 | 2434 | 2440 | 2452 | rVV  | 1000066 | 1487012 | 17.53% | 4.085% |
| 42 | 17.534 | 2452 | 2456 | 2461 | rVV5 | 24563   | 35219   | 0.42%  | 0.097% |
| 43 | 17.592 | 2462 | 2466 | 2471 | rVB3 | 14780   | 19969   | 0.24%  | 0.055% |
| 44 | 18.028 | 2535 | 2540 | 2545 | rVB5 | 19296   | 28166   | 0.33%  | 0.077% |
| 45 | 18.233 | 2571 | 2575 | 2581 | rBV3 | 38965   | 57067   | 0.67%  | 0.157% |
| 46 | 18.304 | 2584 | 2587 | 2592 | rVB2 | 12131   | 16071   | 0.19%  | 0.044% |
| 47 | 18.533 | 2623 | 2626 | 2630 | rBV6 | 5112    | 9210    | 0.11%  | 0.025% |
| 48 | 19.251 | 2745 | 2748 | 2752 | rBV5 | 12148   | 16686   | 0.20%  | 0.046% |
| 49 | 19.328 | 2758 | 2761 | 2763 | rBV3 | 14156   | 16564   | 0.20%  | 0.045% |
| 50 | 19.469 | 2782 | 2785 | 2789 | rBV5 | 23102   | 27782   | 0.33%  | 0.076% |
| 51 | 19.675 | 2814 | 2820 | 2828 | rBV  | 1217803 | 1633219 | 19.25% | 4.486% |
| 52 | 19.816 | 2841 | 2844 | 2848 | rVB2 | 36827   | 38906   | 0.46%  | 0.107% |
| 53 | 20.739 | 2998 | 3001 | 3007 | rBV4 | 36377   | 57338   | 0.68%  | 0.157% |
| 54 | 21.139 | 3065 | 3069 | 3075 | rBV2 | 162154  | 232725  | 2.74%  | 0.639% |
| 55 | 21.427 | 3113 | 3118 | 3126 | rBV  | 2350552 | 3125473 | 36.84% | 8.585% |
| 56 | 21.616 | 3146 | 3150 | 3155 | rVB  | 314025  | 408078  | 4.81%  | 1.121% |
| 57 | 21.669 | 3155 | 3159 | 3164 | rBV  | 394329  | 496968  | 5.86%  | 1.365% |
| 58 | 21.716 | 3164 | 3167 | 3170 | rVV  | 122059  | 157580  | 1.86%  | 0.433% |
| 59 | 21.751 | 3170 | 3173 | 3176 | rVB2 | 124393  | 150767  | 1.78%  | 0.414% |
| 60 | 23.721 | 3502 | 3508 | 3519 | rVB  | 678787  | 1344156 | 15.84% | 3.692% |
| 61 | 23.880 | 3529 | 3535 | 3545 | rVB2 | 1496019 | 3225936 | 38.02% | 8.861% |

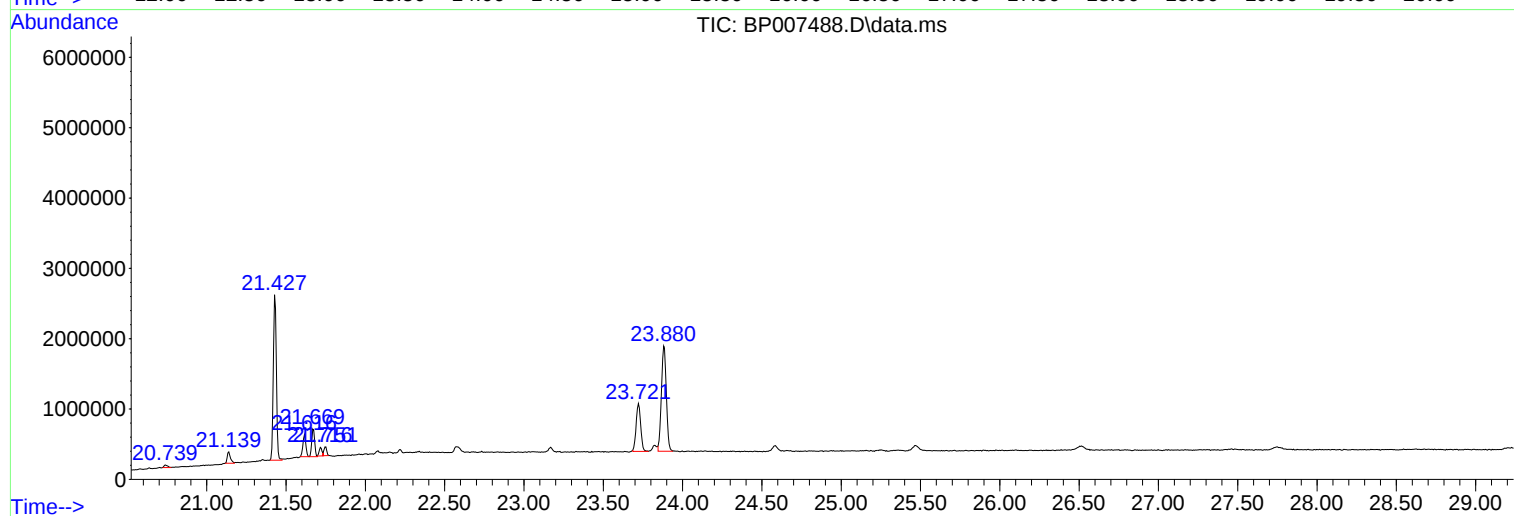
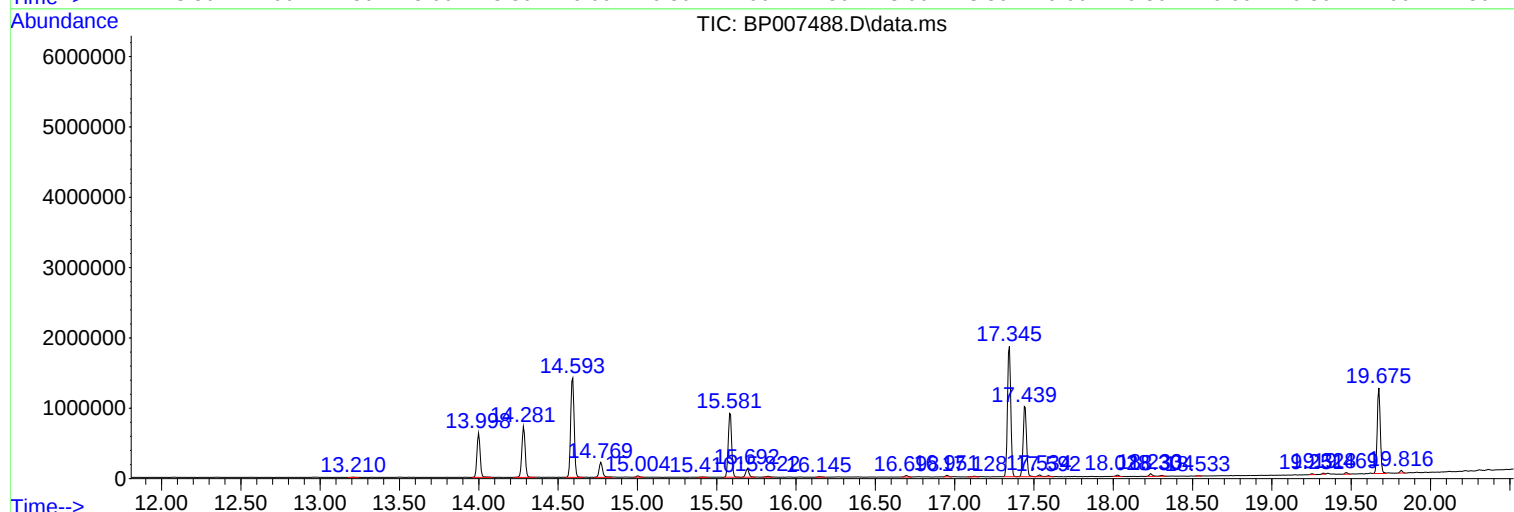
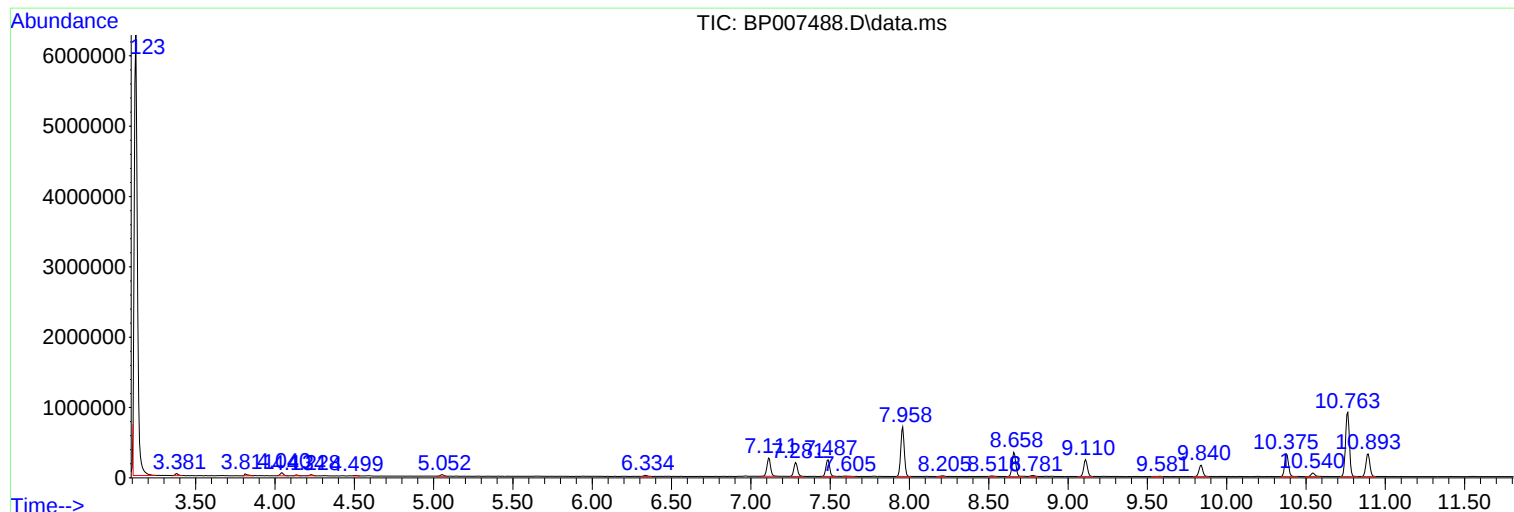
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Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JDGB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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ClientSampleId :  
JDGB1

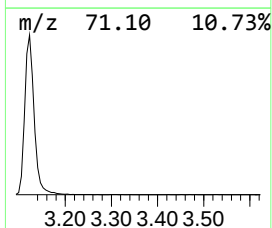
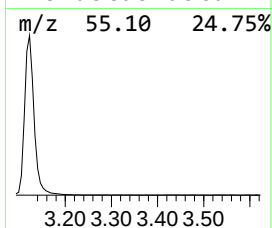
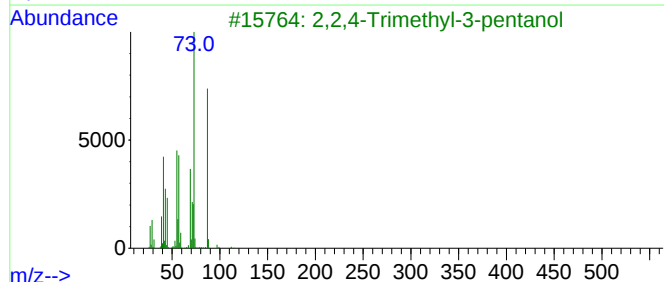
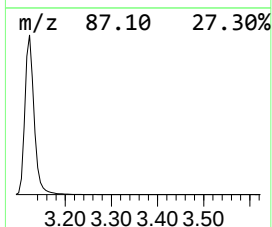
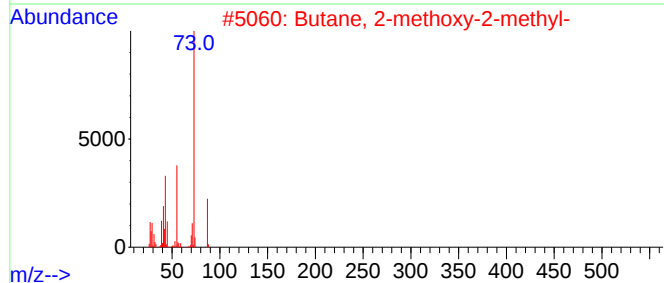
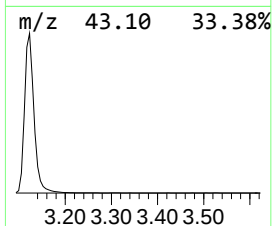
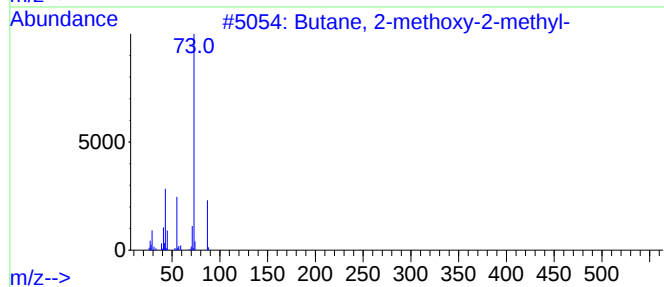
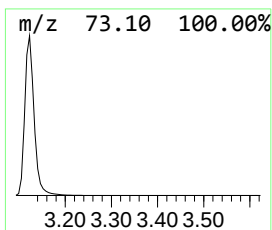
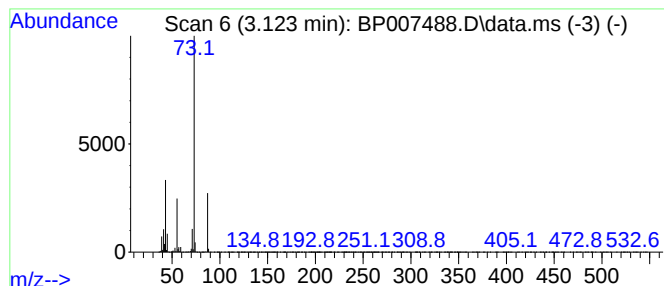
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.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.  |
|-------|--------------|---------|------------------------|-------|
| 3.123 | 154.58 ng/ul | 8483950 | 1,4-Dichlorobenzene-d4 | 7.958 |

| 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 | 39   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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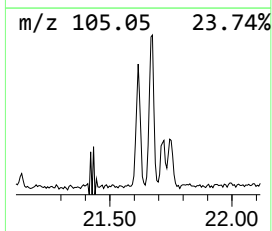
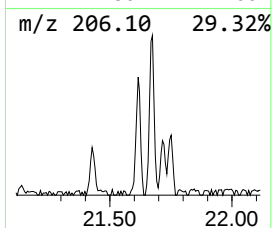
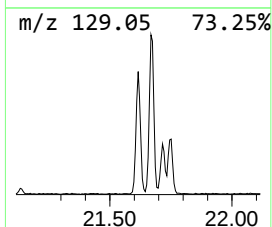
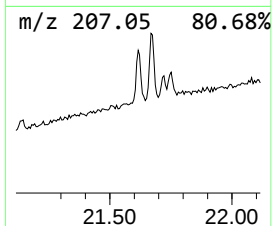
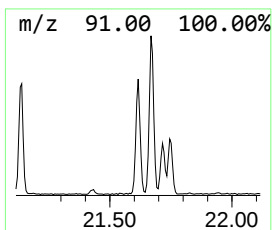
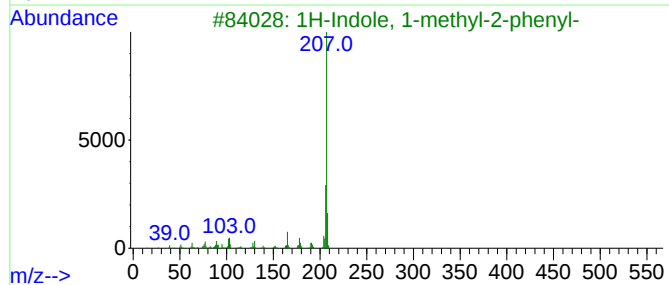
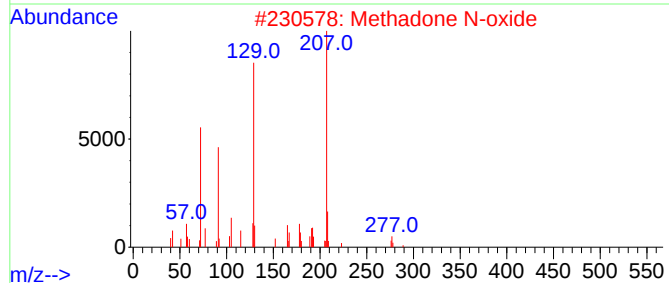
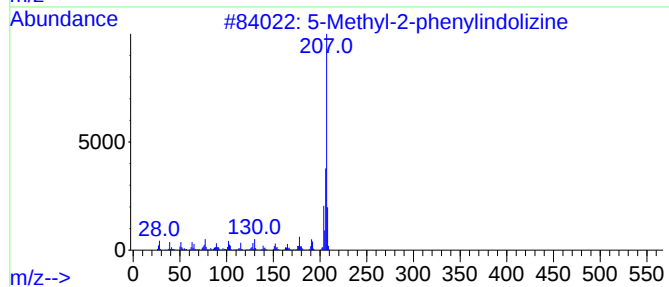
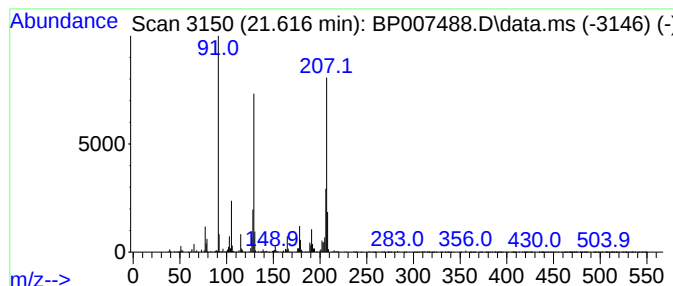
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 5-Methyl-2-phenylindolizine Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.616 | 2.61 ng/ul | 408078 | Chrysene-d12     | 21.427 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 5-Methyl-2-phenylindolizine         | 207 | C15H13N   | 036944-99-7  | 50   |
| 2    |    |   | Methadone N-oxide                   | 325 | C21H27NO2 | 1000120-80-7 | 50   |
| 3    |    |   | 1H-Indole, 1-methyl-2-phenyl-       | 207 | C15H13N   | 003558-24-5  | 46   |
| 4    |    |   | 1H-Indole, 2-methyl-3-phenyl-       | 207 | C15H13N   | 004757-69-1  | 45   |
| 5    |    |   | 1-Propene, 3-(2-cyclopentenyl)-2... | 274 | C21H22    | 1010154-23-3 | 43   |



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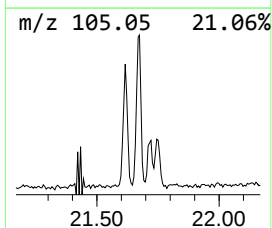
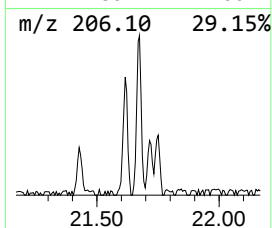
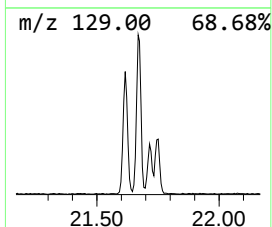
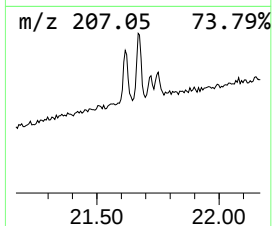
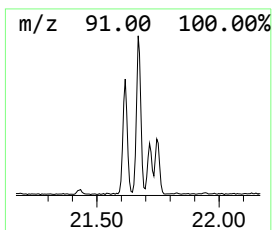
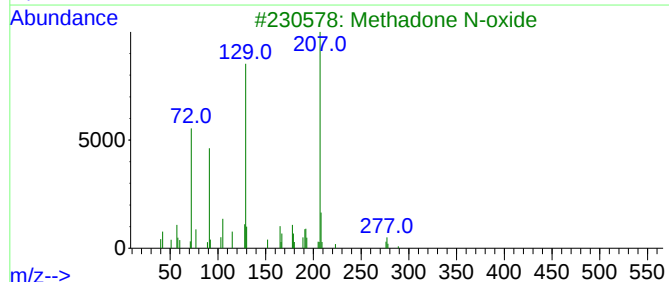
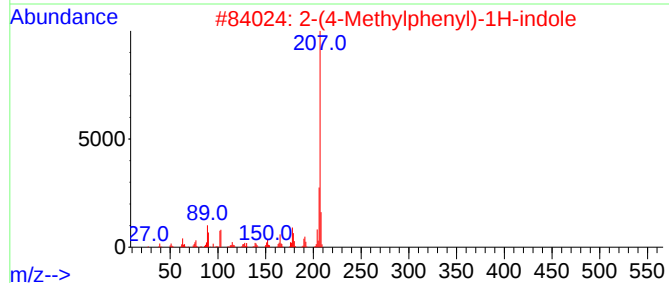
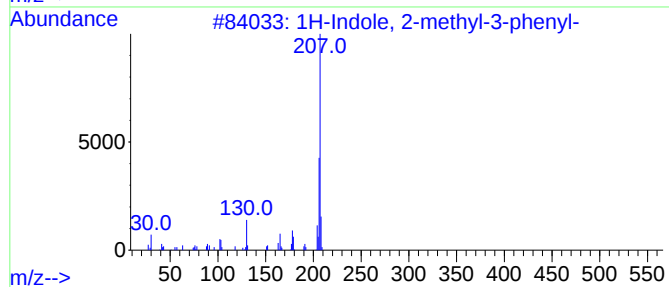
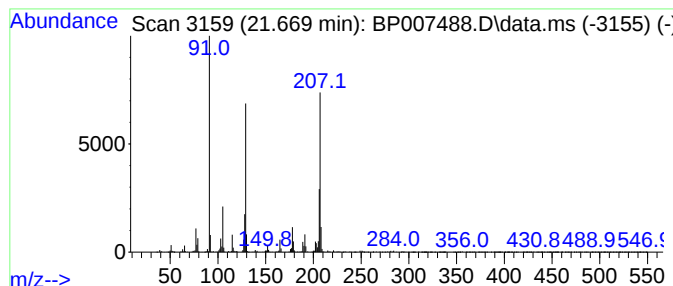
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.669 | 3.18 ng/ul | 496968 | Chrysene-d12     | 21.427 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1H-Indole, 2-methyl-3-phenyl- | 207 | C15H13N   | 004757-69-1  | 55   |
| 2    |    |   | 2-(4-Methylphenyl)-1H-indole  | 207 | C15H13N   | 055577-25-8  | 55   |
| 3    |    |   | Methadone N-oxide             | 325 | C21H27NO2 | 1000120-80-7 | 53   |
| 4    |    |   | 4-Methyl-3-phenyl-1H-indole   | 207 | C15H13N   | 180271-54-9  | 49   |
| 5    |    |   | 1H-Indole, 2-methyl-3-phenyl- | 207 | C15H13N   | 004757-69-1  | 49   |



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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 |
| Butane, 2-metho... | 3.123  | 154.6   | ng/ul | 8483950  | 1                     | 7.958  | 1097680 | 20.0 |
| 5-Methyl-2-phen... | 21.616 | 2.6     | ng/ul | 408078   | 5                     | 21.427 | 3125470 | 20.0 |
| 1H-Indole, 2-me... | 21.669 | 3.2     | ng/ul | 496968   | 5                     | 21.427 | 3125470 | 20.0 |