

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070824\  
 Data File : BP020835.D  
 Acq On : 08 Jul 2024 16:33  
 Operator : MA/JU  
 Sample : P3084-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E1GE3

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : 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-BP062524.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP020835.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         | 3.264       | 43            | 47          | 57           | rVB      | 40734          | 61741         | 0.90%           | 0.104%        |
| 2         | 3.681       | 115           | 118         | 132          | rBV      | 122611         | 199924        | 2.92%           | 0.336%        |
| 3         | 3.987       | 166           | 170         | 174          | rVB      | 13090          | 16393         | 0.24%           | 0.028%        |
| 4         | 4.346       | 226           | 231         | 238          | rVV      | 94299          | 130114        | 1.90%           | 0.219%        |
| 5         | 4.411       | 238           | 242         | 247          | rVB4     | 6881           | 12140         | 0.18%           | 0.020%        |
| 6         | 4.481       | 252           | 254         | 260          | rVB4     | 6576           | 9673          | 0.14%           | 0.016%        |
| 7         | 4.816       | 307           | 311         | 318          | rBV4     | 4195           | 7222          | 0.11%           | 0.012%        |
| 8         | 4.887       | 319           | 323         | 331          | rVB2     | 10023          | 15749         | 0.23%           | 0.026%        |
| 9         | 5.316       | 393           | 396         | 400          | rVB      | 7114           | 10027         | 0.15%           | 0.017%        |
| 10        | 5.611       | 441           | 446         | 452          | rBV2     | 5660           | 10693         | 0.16%           | 0.018%        |
| 11        | 5.816       | 477           | 481         | 493          | rVB9     | 11350          | 25787         | 0.38%           | 0.043%        |
| 12        | 6.705       | 627           | 632         | 638          | rVB8     | 5864           | 9725          | 0.14%           | 0.016%        |
| 13        | 6.781       | 638           | 645         | 650          | rBV2     | 13203          | 27519         | 0.40%           | 0.046%        |
| 14        | 6.846       | 652           | 656         | 660          | rVV5     | 7959           | 13742         | 0.20%           | 0.023%        |
| 15        | 6.916       | 660           | 668         | 679          | rVB      | 280233         | 522690        | 7.62%           | 0.879%        |
| 16        | 7.075       | 688           | 695         | 709          | rVB      | 827233         | 1277280       | 18.63%          | 2.149%        |
| 17        | 7.269       | 721           | 728         | 737          | rBV      | 962794         | 1533046       | 22.36%          | 2.579%        |
| 18        | 7.369       | 743           | 745         | 749          | rVB4     | 6205           | 7144          | 0.10%           | 0.012%        |
| 19        | 7.422       | 750           | 754         | 763          | rVB10    | 6511           | 13259         | 0.19%           | 0.022%        |
| 20        | 7.728       | 798           | 806         | 812          | rBV      | 585554         | 987472        | 14.40%          | 1.661%        |
| 21        | 7.793       | 812           | 817         | 836          | rVB      | 221909         | 505863        | 7.38%           | 0.851%        |
| 22        | 7.975       | 843           | 848         | 855          | rBV      | 4317           | 7011          | 0.10%           | 0.012%        |
| 23        | 8.322       | 902           | 907         | 915          | rBV5     | 15802          | 30843         | 0.45%           | 0.052%        |
| 24        | 8.434       | 919           | 926         | 941          | rBV      | 742595         | 1355446       | 19.77%          | 2.281%        |
| 25        | 8.552       | 941           | 946         | 952          | rVB      | 30941          | 52587         | 0.77%           | 0.088%        |
| 26        | 8.810       | 982           | 990         | 995          | rBV4     | 14888          | 29120         | 0.42%           | 0.049%        |
| 27        | 8.881       | 995           | 1002        | 1011         | rBV      | 975646         | 1648118       | 24.04%          | 2.773%        |
| 28        | 9.034       | 1022          | 1028        | 1034         | rVB7     | 13034          | 26101         | 0.38%           | 0.044%        |
| 29        | 9.593       | 1115          | 1123        | 1135         | rBV      | 826241         | 1468122       | 21.42%          | 2.470%        |
| 30        | 9.981       | 1184          | 1189        | 1193         | rBV7     | 3715           | 7958          | 0.12%           | 0.013%        |
| 31        | 10.128      | 1207          | 1214        | 1229         | rBV      | 1151387        | 2095309       | 30.56%          | 3.526%        |
| 32        | 10.246      | 1229          | 1234        | 1237         | rVV6     | 3186           | 7486          | 0.11%           | 0.013%        |
| 33        | 10.357      | 1250          | 1253        | 1257         | rVB6     | 5199           | 7285          | 0.11%           | 0.012%        |
| 34        | 10.410      | 1257          | 1262        | 1270         | rBV      | 31103          | 52849         | 0.77%           | 0.089%        |
| 35        | 10.499      | 1270          | 1277        | 1283         | rVV      | 855122         | 1422659       | 20.75%          | 2.394%        |
| 36        | 10.546      | 1283          | 1285        | 1294         | rVB4     | 30042          | 51248         | 0.75%           | 0.086%        |

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 Sample : P3084-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E1GE3

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-BP062524.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 10.646 | 1294 | 1302 | 1320 | rBV   | 579348  | 1094905 | 15.97% | 1.842% |
| 38 | 11.046 | 1362 | 1370 | 1375 | rBV10 | 3808    | 8825    | 0.13%  | 0.015% |
| 39 | 11.157 | 1383 | 1389 | 1395 | rBV3  | 6969    | 12760   | 0.19%  | 0.021% |
| 40 | 11.304 | 1409 | 1414 | 1419 | rBV8  | 5690    | 10607   | 0.15%  | 0.018% |
| 41 | 12.098 | 1541 | 1549 | 1555 | rBV   | 20958   | 40078   | 0.58%  | 0.067% |
| 42 | 12.169 | 1555 | 1561 | 1568 | rVB2  | 10288   | 17483   | 0.26%  | 0.029% |
| 43 | 12.387 | 1593 | 1598 | 1605 | rBV4  | 6284    | 14662   | 0.21%  | 0.025% |
| 44 | 12.710 | 1647 | 1653 | 1661 | rBV7  | 10636   | 22186   | 0.32%  | 0.037% |
| 45 | 12.957 | 1687 | 1695 | 1709 | rVB6  | 38470   | 77537   | 1.13%  | 0.130% |
| 46 | 13.210 | 1732 | 1738 | 1741 | rBV   | 13171   | 22762   | 0.33%  | 0.038% |
| 47 | 13.245 | 1741 | 1744 | 1748 | rVV   | 19901   | 30106   | 0.44%  | 0.051% |
| 48 | 13.292 | 1748 | 1752 | 1762 | rVB5  | 15516   | 35085   | 0.51%  | 0.059% |
| 49 | 13.598 | 1798 | 1804 | 1807 | rBV7  | 4518    | 8115    | 0.12%  | 0.014% |
| 50 | 13.763 | 1822 | 1832 | 1848 | rBV   | 2079242 | 3289767 | 47.99% | 5.535% |
| 51 | 14.051 | 1869 | 1881 | 1899 | rBV   | 2535561 | 3762278 | 54.88% | 6.330% |
| 52 | 14.245 | 1907 | 1914 | 1920 | rBV   | 4086    | 11021   | 0.16%  | 0.019% |
| 53 | 14.363 | 1925 | 1934 | 1942 | rVV   | 1316115 | 2040671 | 29.77% | 3.434% |
| 54 | 14.439 | 1942 | 1947 | 1954 | rVB   | 50690   | 74445   | 1.09%  | 0.125% |
| 55 | 14.616 | 1971 | 1977 | 1989 | rBV   | 171042  | 386252  | 5.63%  | 0.650% |
| 56 | 14.698 | 1989 | 1991 | 1995 | rVB5  | 6482    | 8624    | 0.13%  | 0.015% |
| 57 | 14.810 | 2003 | 2010 | 2017 | rVV10 | 16626   | 40842   | 0.60%  | 0.069% |
| 58 | 14.863 | 2017 | 2019 | 2025 | rVB6  | 6251    | 7694    | 0.11%  | 0.013% |
| 59 | 15.051 | 2047 | 2051 | 2057 | rVB   | 29532   | 46420   | 0.68%  | 0.078% |
| 60 | 15.169 | 2067 | 2071 | 2073 | rBV   | 10999   | 14165   | 0.21%  | 0.024% |
| 61 | 15.198 | 2073 | 2076 | 2082 | rVB   | 13752   | 17289   | 0.25%  | 0.029% |
| 62 | 15.381 | 2099 | 2107 | 2120 | rBV   | 3336110 | 4797219 | 69.98% | 8.072% |
| 63 | 15.516 | 2124 | 2130 | 2143 | rVV   | 1073158 | 1685121 | 24.58% | 2.835% |
| 64 | 15.622 | 2143 | 2148 | 2154 | rVB4  | 15278   | 30217   | 0.44%  | 0.051% |
| 65 | 15.757 | 2166 | 2171 | 2178 | rVB   | 27806   | 42821   | 0.62%  | 0.072% |
| 66 | 15.957 | 2203 | 2205 | 2210 | rVB4  | 6435    | 7586    | 0.11%  | 0.013% |
| 67 | 16.763 | 2336 | 2342 | 2348 | rBV3  | 12910   | 20087   | 0.29%  | 0.034% |
| 68 | 16.851 | 2353 | 2357 | 2361 | rBV6  | 6644    | 12081   | 0.18%  | 0.020% |
| 69 | 17.186 | 2407 | 2414 | 2424 | rVV   | 1635031 | 2447729 | 35.71% | 4.118% |
| 70 | 17.286 | 2424 | 2431 | 2443 | rVV2  | 3463475 | 5311352 | 77.48% | 8.937% |
| 71 | 17.480 | 2461 | 2464 | 2470 | rVB2  | 16630   | 25028   | 0.37%  | 0.042% |
| 72 | 17.592 | 2478 | 2483 | 2485 | rBV6  | 4921    | 8427    | 0.12%  | 0.014% |
| 73 | 17.880 | 2525 | 2532 | 2538 | rBV   | 509699  | 697906  | 10.18% | 1.174% |
| 74 | 18.051 | 2557 | 2561 | 2563 | rBV5  | 7602    | 9967    | 0.15%  | 0.017% |
| 75 | 18.110 | 2566 | 2571 | 2581 | rVV2  | 127206  | 227843  | 3.32%  | 0.383% |
| 76 | 18.192 | 2582 | 2585 | 2589 | rVB   | 24132   | 33881   | 0.49%  | 0.057% |

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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1GE3

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-BP062524.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 18.380 | 2612 | 2617 | 2623 | rBV3 | 19058   | 29497   | 0.43%   | 0.050%  |
| 78 | 19.210 | 2754 | 2758 | 2763 | rBV3 | 48404   | 67447   | 0.98%   | 0.113%  |
| 79 | 19.280 | 2767 | 2770 | 2775 | rVB  | 41377   | 56089   | 0.82%   | 0.094%  |
| 80 | 19.451 | 2795 | 2799 | 2804 | rBV2 | 82051   | 131243  | 1.91%   | 0.221%  |
| 81 | 19.663 | 2829 | 2835 | 2844 | rBV  | 4914840 | 6447154 | 94.05%  | 10.848% |
| 82 | 21.627 | 3163 | 3169 | 3181 | rVB2 | 1620218 | 2770364 | 40.41%  | 4.661%  |
| 83 | 24.757 | 3691 | 3701 | 3715 | rVB2 | 2302806 | 6855343 | 100.00% | 11.535% |
| 84 | 24.974 | 3730 | 3738 | 3750 | rVB  | 1125849 | 2964368 | 43.24%  | 4.988%  |

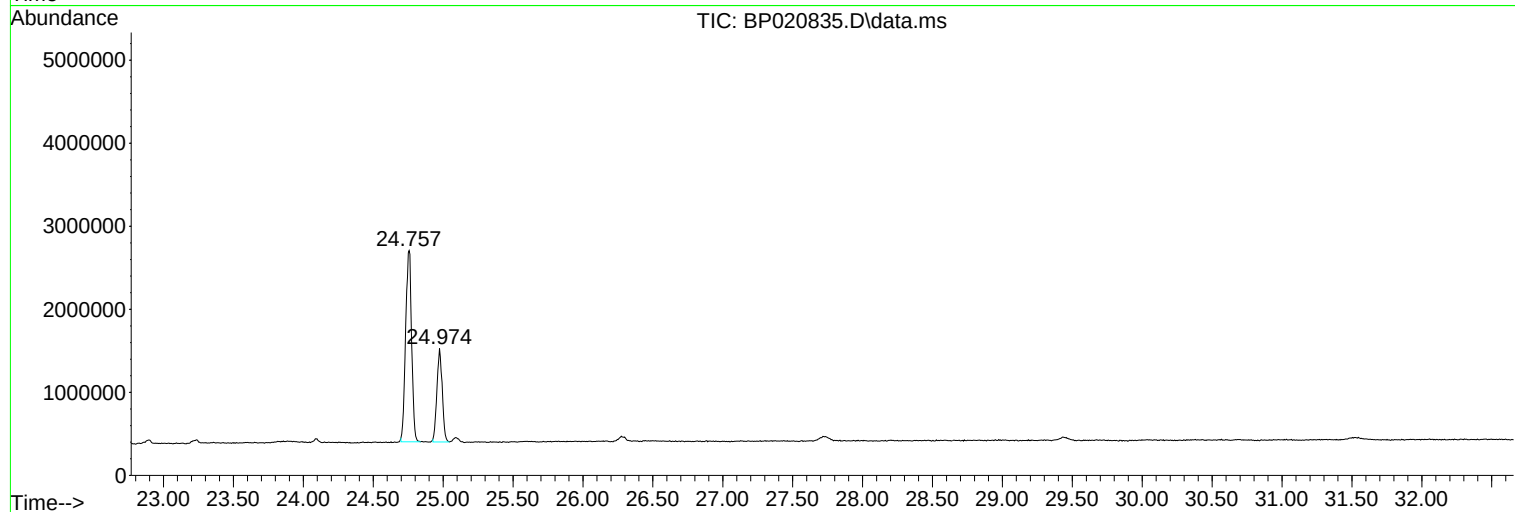
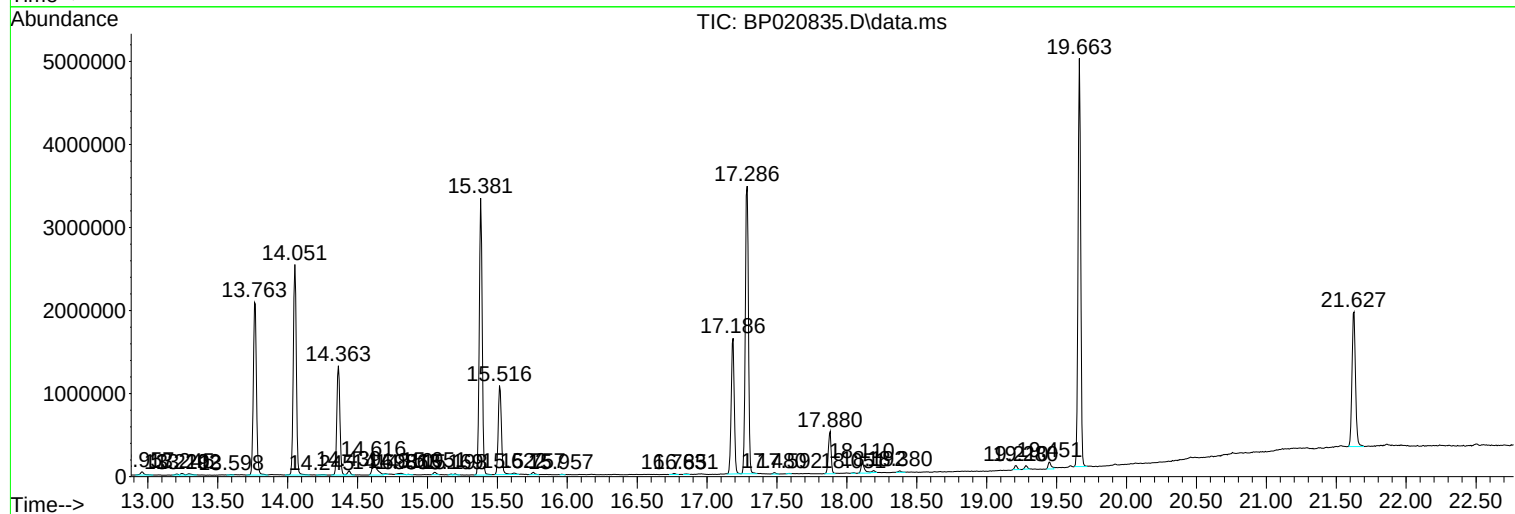
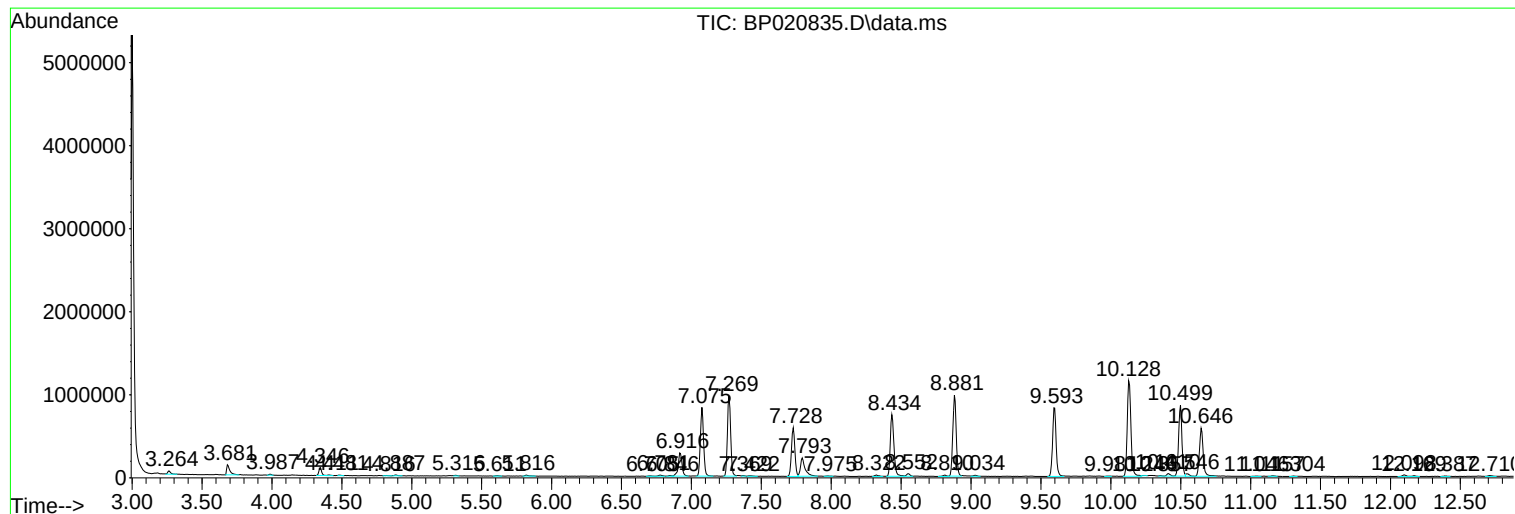
Sum of corrected areas: 59432694

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070824\  
Data File : BP020835.D  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1GE3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070824\  
Data File : BP020835.D  
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Sample : P3084-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1GE3

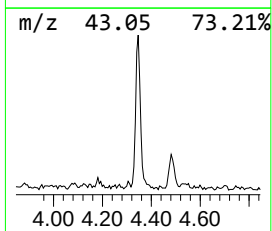
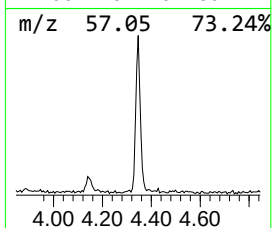
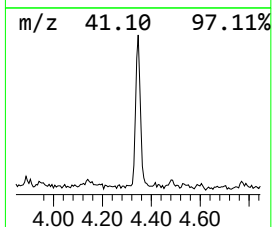
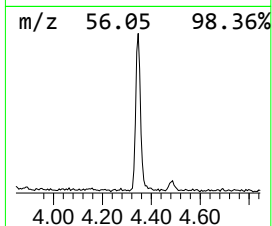
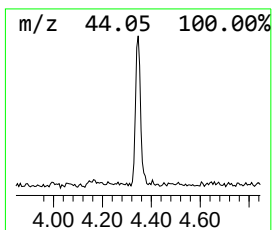
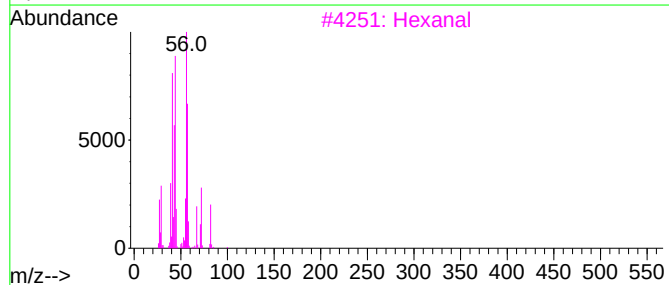
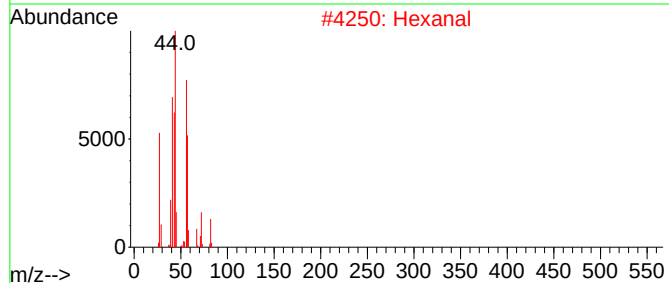
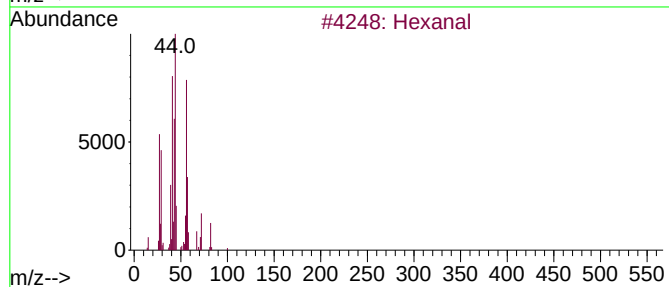
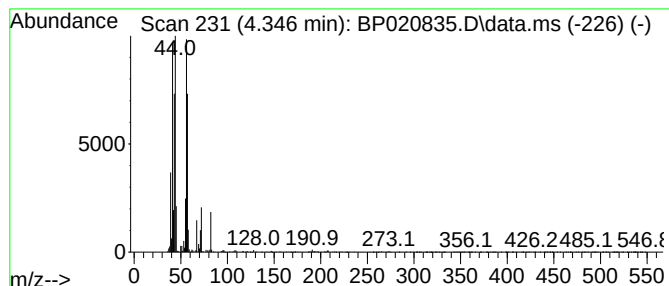
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Hexanal Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.346 | 2.64 ng/ul | 130114 | 1,4-Dichlorobenzene-d4 | 7.728 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 90   |
| 2    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 86   |
| 3    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 83   |
| 4    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 78   |
| 5    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 78   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1GE3

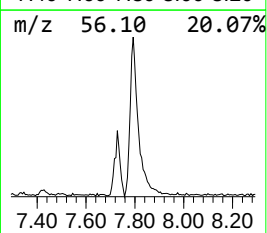
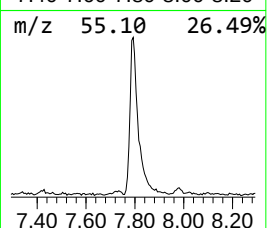
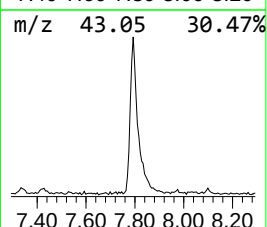
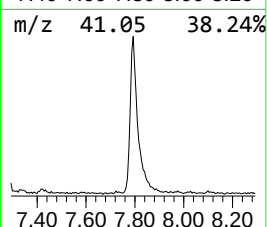
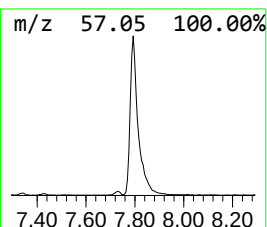
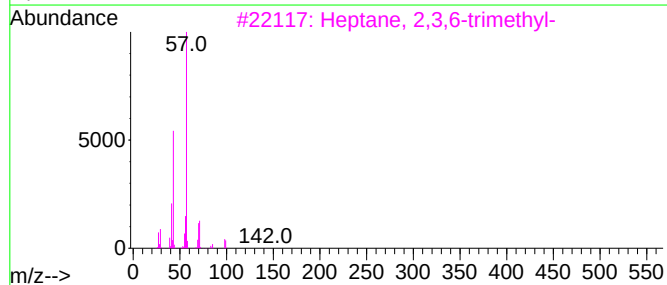
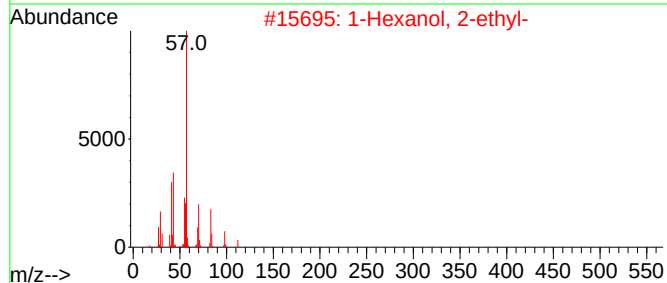
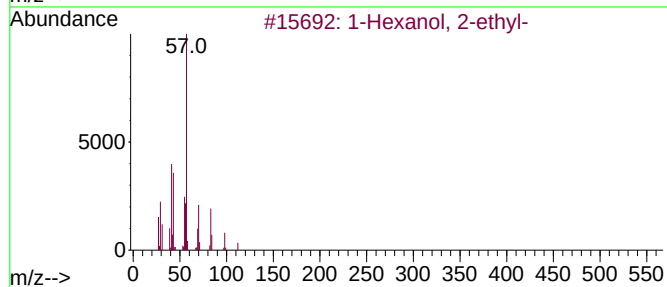
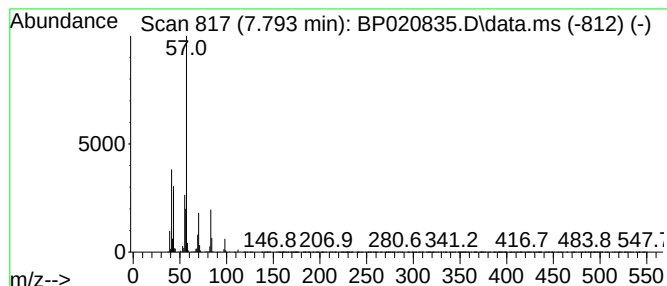
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.793 | 10.25 ng/ul | 505863 | 1,4-Dichlorobenzene-d4 | 7.728 |

| Hit# | of                              | 5 | Tentative ID | MW  | MolForm | CAS#         | Qual |
|------|---------------------------------|---|--------------|-----|---------|--------------|------|
| 1    | 1-Hexanol, 2-ethyl-             |   |              | 130 | C8H18O  | 000104-76-7  | 83   |
| 2    | 1-Hexanol, 2-ethyl-             |   |              | 130 | C8H18O  | 000104-76-7  | 83   |
| 3    | Heptane, 2,3,6-trimethyl-       |   |              | 142 | C10H22  | 004032-93-3  | 53   |
| 4    | 1-Hexanol, 2-ethyl-             |   |              | 130 | C8H18O  | 000104-76-7  | 50   |
| 5    | 2-Ethyl-1-hexanol, methyl ether |   |              | 144 | C9H20O  | 1000365-10-2 | 47   |



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E1GE3

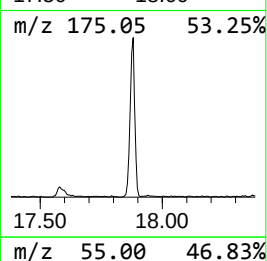
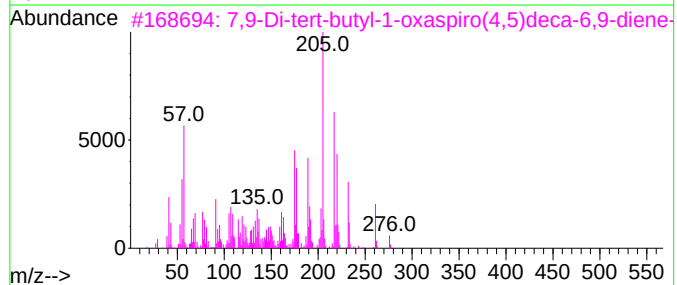
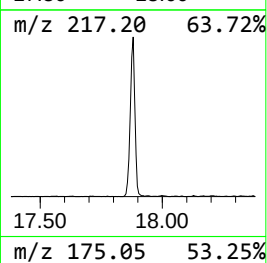
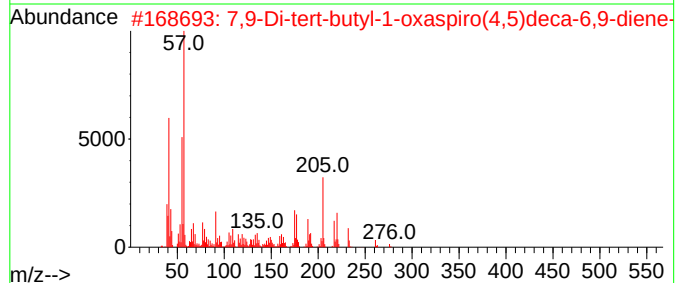
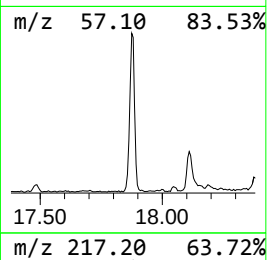
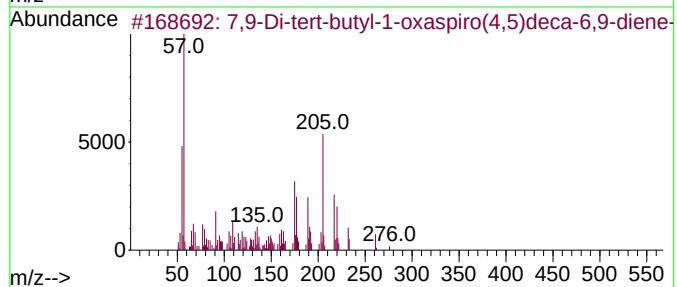
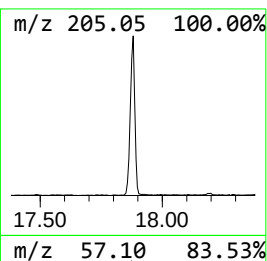
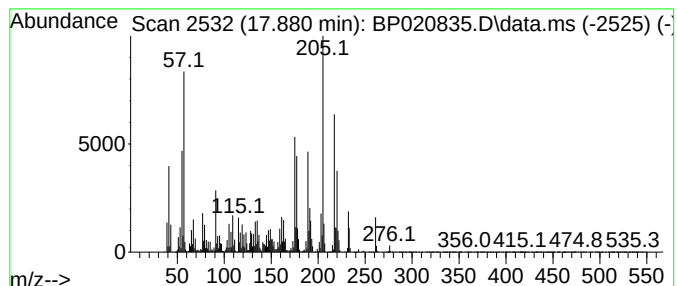
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 17.881    | 5.70 ng/ul                          | 697906 | Phenanthrene-d10 | 17.186      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276    | C17H24O3         | 082304-66-3 | 99   |
| 2         | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276    | C17H24O3         | 082304-66-3 | 97   |
| 3         | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276    | C17H24O3         | 082304-66-3 | 91   |
| 4         | 2,5-di-tert-Butyl-1,4-benzoquinone  | 220    | C14H20O2         | 002460-77-7 | 70   |
| 5         | 1-(3-Amino-4,6-dimethylthieno[2,... | 220    | C11H12N2OS       | 052505-42-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070824\  
Data File : BP020835.D  
Acq On : 08 Jul 2024 16:33  
Operator : MA/JU  
Sample : P3084-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1GE3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.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 |
| Hexanal            | 4.346  | 2.6     | ng/ul | 130114   | 1                     | 7.728  | 987472  | 20.0 |
| 1-Hexanol, 2-et... | 7.793  | 10.3    | ng/ul | 505863   | 1                     | 7.728  | 987472  | 20.0 |
| 7,9-Di-tert-but... | 17.881 | 5.7     | ng/ul | 697906   | 4                     | 17.186 | 2447730 | 20.0 |