

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
 Data File : BG062265.D  
 Acq On : 6 Aug 2024 10:34  
 Operator : MA/JU  
 Sample : P3361-07  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E20N9

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\_G\Methods\SFAM-EPA-BG080524.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG062265.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         | 3.400       | 14            | 19          | 22           | rBV2     | 21222          | 37064         | 2.44%           | 0.217%        |
| 2         | 3.688       | 64            | 68          | 78           | rVB      | 32034          | 50178         | 3.31%           | 0.294%        |
| 3         | 3.840       | 90            | 94          | 101          | rVB5     | 9014           | 18028         | 1.19%           | 0.106%        |
| 4         | 3.946       | 108           | 112         | 120          | rVB2     | 8418           | 13693         | 0.90%           | 0.080%        |
| 5         | 4.169       | 147           | 150         | 155          | rVB2     | 4227           | 6035          | 0.40%           | 0.035%        |
| 6         | 4.534       | 210           | 212         | 217          | rVB3     | 4393           | 4842          | 0.32%           | 0.028%        |
| 7         | 5.080       | 300           | 305         | 310          | rVB      | 9426           | 14478         | 0.95%           | 0.085%        |
| 8         | 6.942       | 617           | 622         | 627          | rBV5     | 2892           | 6371          | 0.42%           | 0.037%        |
| 9         | 7.118       | 644           | 652         | 663          | rBV      | 239514         | 427031        | 28.14%          | 2.503%        |
| 10        | 7.295       | 672           | 682         | 690          | rBV      | 203294         | 335033        | 22.08%          | 1.964%        |
| 11        | 7.494       | 708           | 716         | 723          | rBV      | 238778         | 397294        | 26.18%          | 2.329%        |
| 12        | 7.559       | 723           | 727         | 731          | rVV      | 12204          | 19852         | 1.31%           | 0.116%        |
| 13        | 7.600       | 731           | 734         | 739          | rVB5     | 4712           | 6715          | 0.44%           | 0.039%        |
| 14        | 7.964       | 788           | 796         | 803          | rBV      | 310391         | 519803        | 34.26%          | 3.047%        |
| 15        | 8.023       | 803           | 806         | 813          | rVB3     | 7497           | 11800         | 0.78%           | 0.069%        |
| 16        | 8.193       | 829           | 835         | 841          | rVB5     | 8349           | 12799         | 0.84%           | 0.075%        |
| 17        | 8.657       | 907           | 914         | 923          | rBV      | 163358         | 296758        | 19.56%          | 1.740%        |
| 18        | 8.781       | 928           | 935         | 945          | rVB      | 52745          | 95607         | 6.30%           | 0.560%        |
| 19        | 9.116       | 985           | 992         | 1002         | rBV      | 243453         | 432796        | 28.52%          | 2.537%        |
| 20        | 9.210       | 1002          | 1008        | 1015         | rVV6     | 3830           | 8834          | 0.58%           | 0.052%        |
| 21        | 9.292       | 1018          | 1022        | 1027         | rVB3     | 4960           | 7613          | 0.50%           | 0.045%        |
| 22        | 9.574       | 1062          | 1070        | 1073         | rBV5     | 2485           | 5901          | 0.39%           | 0.035%        |
| 23        | 9.674       | 1082          | 1087        | 1093         | rVB6     | 3941           | 6572          | 0.43%           | 0.039%        |
| 24        | 9.832       | 1107          | 1114        | 1123         | rBV      | 163152         | 284593        | 18.76%          | 1.668%        |
| 25        | 9.967       | 1130          | 1137        | 1143         | rBV2     | 10073          | 21841         | 1.44%           | 0.128%        |
| 26        | 10.061      | 1146          | 1153        | 1160         | rVB4     | 7856           | 14912         | 0.98%           | 0.087%        |
| 27        | 10.191      | 1167          | 1175        | 1180         | rVB4     | 7702           | 13572         | 0.89%           | 0.080%        |
| 28        | 10.373      | 1197          | 1206        | 1214         | rBV      | 281749         | 494160        | 32.57%          | 2.897%        |
| 29        | 10.537      | 1229          | 1234        | 1240         | rVB3     | 4567           | 8218          | 0.54%           | 0.048%        |
| 30        | 10.619      | 1240          | 1248        | 1253         | rBV5     | 3587           | 6653          | 0.44%           | 0.039%        |
| 31        | 10.760      | 1263          | 1272        | 1278         | rBV      | 436820         | 794001        | 52.33%          | 4.655%        |
| 32        | 10.802      | 1278          | 1279        | 1284         | rVB3     | 4514           | 5460          | 0.36%           | 0.032%        |
| 33        | 10.884      | 1284          | 1293        | 1301         | rBV      | 199825         | 379812        | 25.03%          | 2.227%        |
| 34        | 11.283      | 1355          | 1361        | 1366         | rBV6     | 7996           | 14056         | 0.93%           | 0.082%        |
| 35        | 11.495      | 1389          | 1397        | 1401         | rBV2     | 33969          | 60432         | 3.98%           | 0.354%        |
| 36        | 11.536      | 1401          | 1404        | 1412         | rVB3     | 9318           | 15912         | 1.05%           | 0.093%        |

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 Sample : P3361-07  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E20N9

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\_G\Methods\SFAM-EPA-BG080524.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 37 | 11.794 | 1444 | 1448 | 1455 | rBV3 | 4883 | 9208  | 0.61% | 0.054% |
| 38 | 12.100 | 1496 | 1500 | 1506 | rVB6 | 4399 | 8133  | 0.54% | 0.048% |
| 39 | 12.188 | 1510 | 1515 | 1521 | rBV2 | 8889 | 14938 | 0.98% | 0.088% |
| 40 | 12.335 | 1534 | 1540 | 1545 | rVB6 | 6398 | 13825 | 0.91% | 0.081% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 41 | 12.411 | 1548 | 1553 | 1559 | rVB3 | 8501 | 14699 | 0.97% | 0.086% |
| 42 | 12.623 | 1586 | 1589 | 1596 | rVB5 | 4733 | 10800 | 0.71% | 0.063% |
| 43 | 12.952 | 1640 | 1645 | 1650 | rBV6 | 7832 | 12595 | 0.83% | 0.074% |
| 44 | 13.040 | 1657 | 1660 | 1664 | rVB5 | 4622 | 5301  | 0.35% | 0.031% |
| 45 | 13.145 | 1673 | 1678 | 1682 | rVB3 | 9769 | 15649 | 1.03% | 0.092% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 13.198 | 1682 | 1687 | 1693 | rBV4 | 9080  | 17066 | 1.12% | 0.100% |
| 47 | 13.380 | 1712 | 1718 | 1721 | rBV5 | 7035  | 12423 | 0.82% | 0.073% |
| 48 | 13.427 | 1721 | 1726 | 1733 | rVB3 | 21722 | 36032 | 2.37% | 0.211% |
| 49 | 13.751 | 1776 | 1781 | 1782 | rBV5 | 6458  | 9482  | 0.62% | 0.056% |
| 50 | 13.827 | 1789 | 1794 | 1795 | rBV5 | 4637  | 6732  | 0.44% | 0.039% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 13.868 | 1798 | 1801 | 1803 | rBV4 | 4161   | 5892   | 0.39%  | 0.035% |
| 52 | 13.909 | 1803 | 1808 | 1812 | rVV5 | 16061  | 27343  | 1.80%  | 0.160% |
| 53 | 13.991 | 1814 | 1822 | 1831 | rVB  | 632954 | 928644 | 61.20% | 5.444% |
| 54 | 14.085 | 1835 | 1838 | 1841 | rVB2 | 16071  | 17886  | 1.18%  | 0.105% |
| 55 | 14.132 | 1841 | 1846 | 1852 | rBV9 | 16152  | 35324  | 2.33%  | 0.207% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 56 | 14.273 | 1860 | 1870 | 1877 | rBV  | 691714 | 1145879 | 75.51% | 6.718% |
| 57 | 14.332 | 1878 | 1880 | 1885 | rVV6 | 6234   | 8855    | 0.58%  | 0.052% |
| 58 | 14.426 | 1892 | 1896 | 1903 | rVB6 | 25015  | 44193   | 2.91%  | 0.259% |
| 59 | 14.497 | 1903 | 1908 | 1913 | rBV2 | 43987  | 66317   | 4.37%  | 0.389% |
| 60 | 14.585 | 1915 | 1923 | 1929 | rBV  | 714973 | 1162905 | 76.64% | 6.818% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 14.643 | 1929 | 1933 | 1937 | rVV  | 23407 | 33311 | 2.20% | 0.195% |
| 62 | 14.755 | 1947 | 1952 | 1955 | rBV2 | 42603 | 68277 | 4.50% | 0.400% |
| 63 | 14.790 | 1955 | 1958 | 1959 | rBV  | 41523 | 42525 | 2.80% | 0.249% |
| 64 | 14.908 | 1974 | 1978 | 1984 | rBV5 | 27155 | 50538 | 3.33% | 0.296% |
| 65 | 14.984 | 1986 | 1991 | 1999 | rVV2 | 38069 | 77341 | 5.10% | 0.453% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 66 | 15.055 | 2001 | 2003 | 2008 | rVV3 | 18202 | 22268 | 1.47% | 0.131% |
| 67 | 15.119 | 2011 | 2014 | 2021 | rVB9 | 15141 | 26426 | 1.74% | 0.155% |
| 68 | 15.254 | 2034 | 2037 | 2042 | rVB3 | 27921 | 34598 | 2.28% | 0.203% |
| 69 | 15.384 | 2054 | 2059 | 2065 | rBV6 | 43199 | 81841 | 5.39% | 0.480% |
| 70 | 15.448 | 2067 | 2070 | 2074 | rBV  | 47036 | 64734 | 4.27% | 0.380% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 71 | 15.572 | 2085 | 2091 | 2097 | rBV  | 933408 | 1430719 | 94.29% | 8.388% |
| 72 | 15.630 | 2097 | 2101 | 2104 | rBV4 | 21873  | 31058   | 2.05%  | 0.182% |
| 73 | 15.671 | 2105 | 2108 | 2114 | rVB6 | 23807  | 41197   | 2.71%  | 0.242% |
| 74 | 15.859 | 2137 | 2140 | 2145 | rVB2 | 35371  | 48910   | 3.22%  | 0.287% |
| 75 | 16.071 | 2173 | 2176 | 2182 | rBV7 | 18482  | 32151   | 2.12%  | 0.188% |

|    |        |      |      |      |     |       |        |       |        |
|----|--------|------|------|------|-----|-------|--------|-------|--------|
| 76 | 16.312 | 2213 | 2217 | 2219 | rBV | 81404 | 109402 | 7.21% | 0.641% |
|----|--------|------|------|------|-----|-------|--------|-------|--------|

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Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20N9

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\_G\Methods\SFAM-EPA-BG080524.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 77 | 16.341 | 2219 | 2222 | 2230 | rVB  | 102517 | 146841  | 9.68%   | 0.861% |
| 78 | 17.158 | 2358 | 2361 | 2372 | rVB  | 187790 | 294299  | 19.39%  | 1.725% |
| 79 | 17.322 | 2384 | 2389 | 2393 | rBV  | 825010 | 1255597 | 82.75%  | 7.361% |
| 80 | 17.363 | 2393 | 2396 | 2400 | rVV  | 429227 | 597886  | 39.40%  | 3.505% |
| 81 | 17.422 | 2401 | 2406 | 2416 | rVB  | 955423 | 1517420 | 100.00% | 8.896% |
| 82 | 18.233 | 2541 | 2544 | 2550 | rVB2 | 268354 | 399050  | 26.30%  | 2.339% |
| 83 | 19.372 | 2735 | 2738 | 2745 | rVB  | 926807 | 1278637 | 84.26%  | 7.496% |
| 84 | 19.707 | 2792 | 2795 | 2798 | rBV  | 737740 | 893709  | 58.90%  | 5.239% |

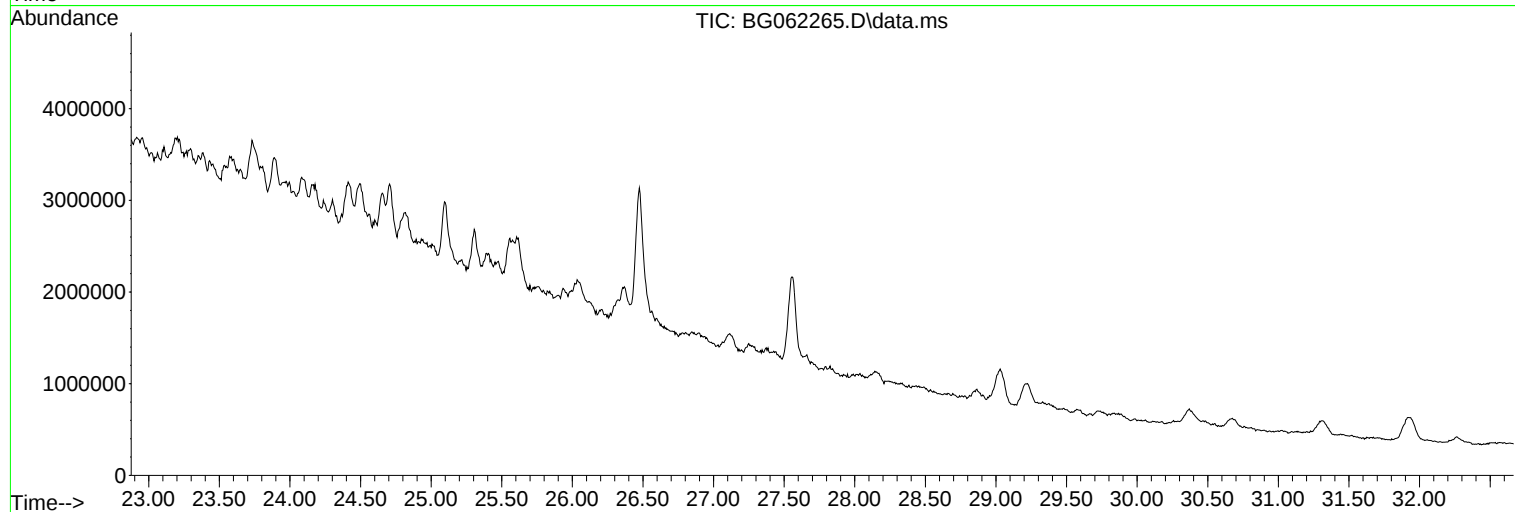
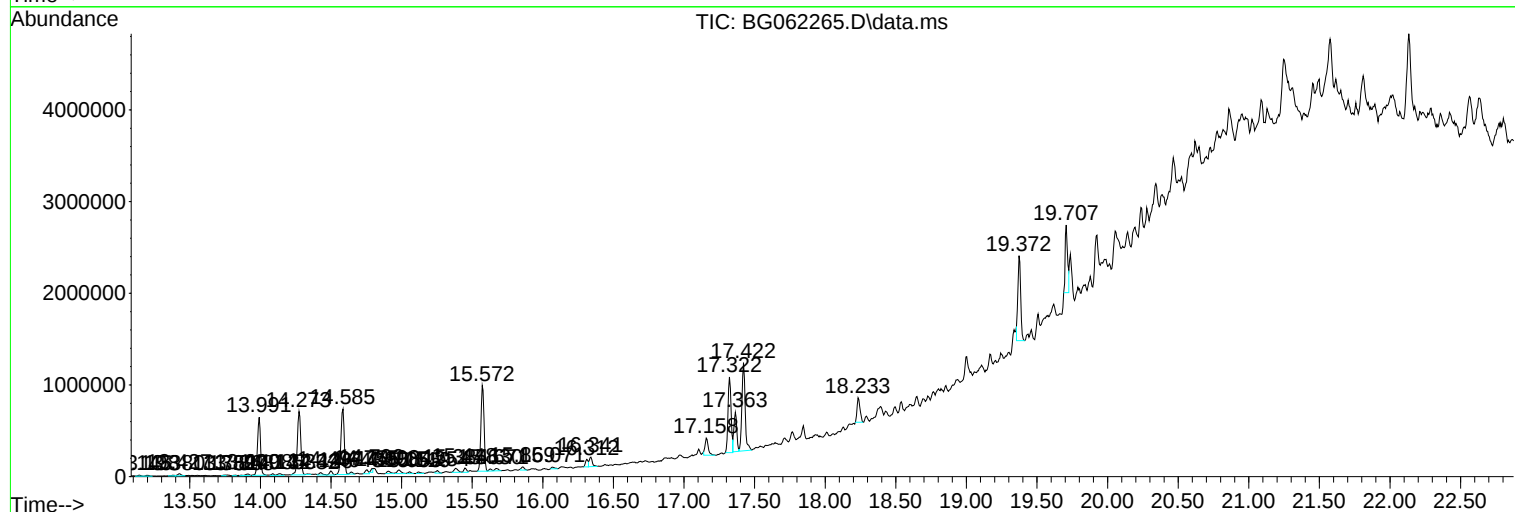
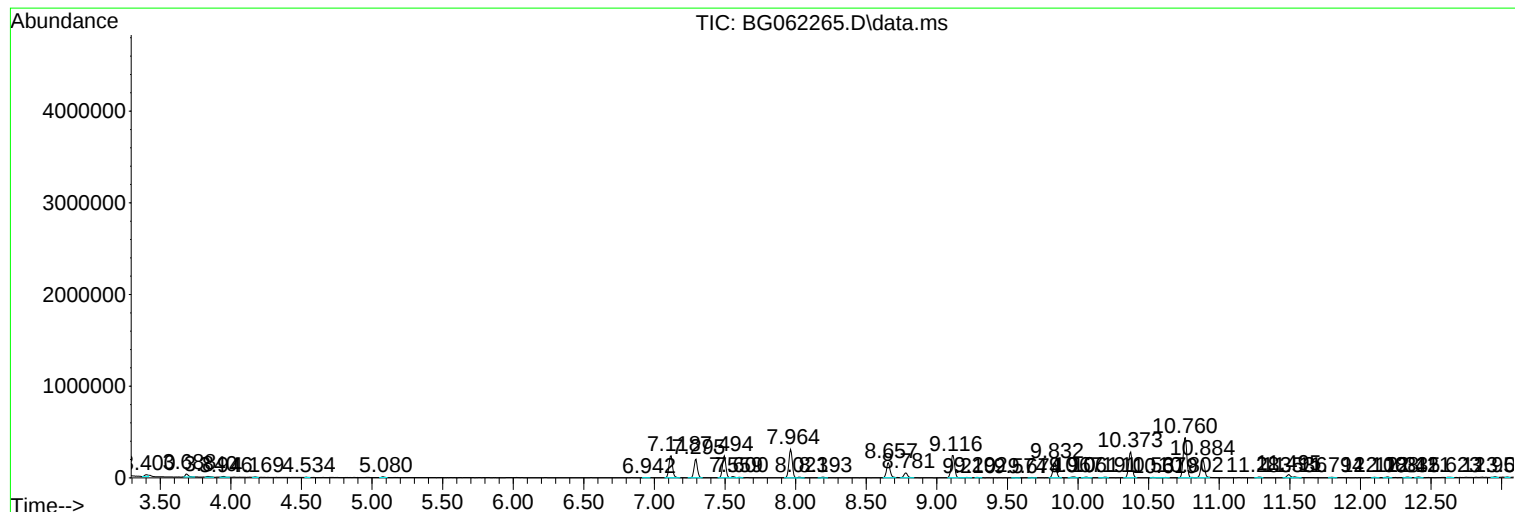
Sum of corrected areas: 17057575

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
Data File : BG062265.D  
Acq On : 6 Aug 2024 10:34  
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Sample : P3361-07  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20N9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
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Sample : P3361-07  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

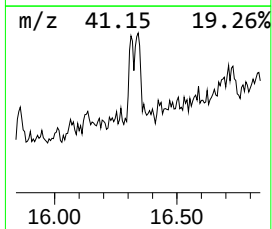
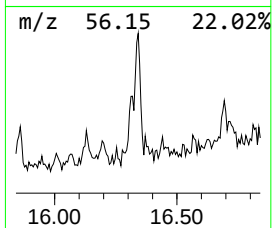
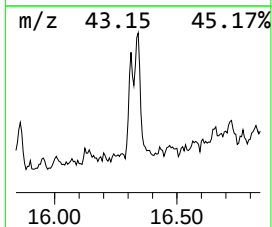
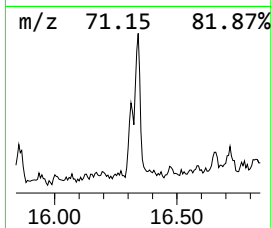
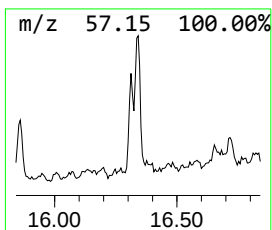
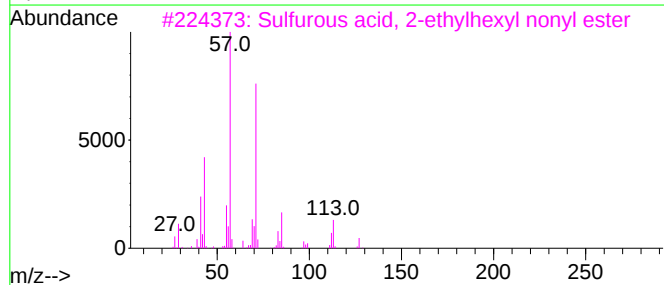
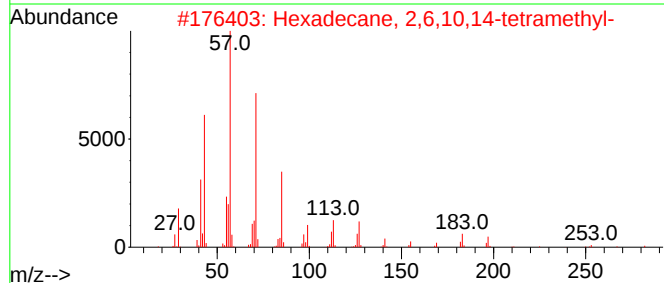
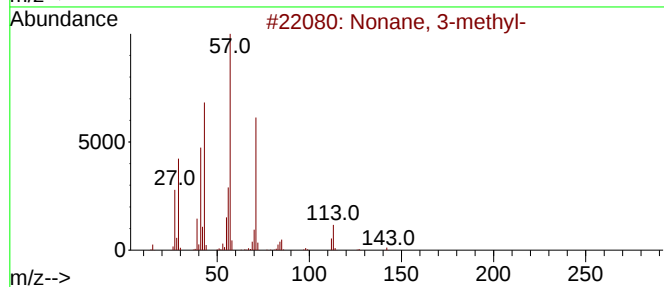
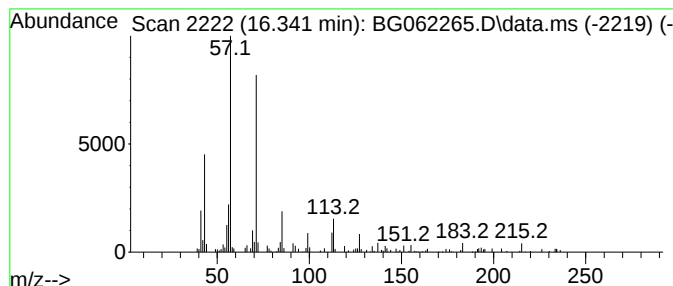
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.341 | 2.34 ng/ul | 146841 | Phenanthrene-d10 | 17.322 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 86   |
| 2    |    |   | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42    | 000638-36-8  | 72   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 72   |
| 4    |    |   | 2,6,10-Trimethyltridecane           | 226 | C16H34    | 003891-99-4  | 72   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl und... | 348 | C19H40O3S | 1000309-19-4 | 72   |



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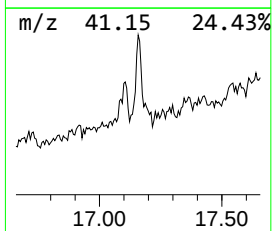
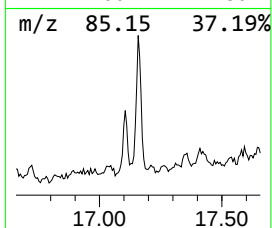
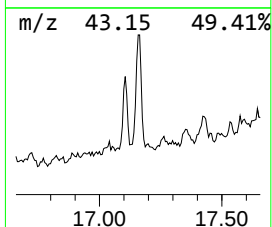
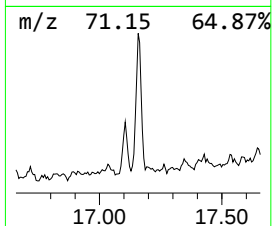
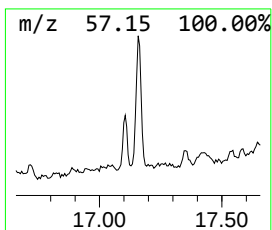
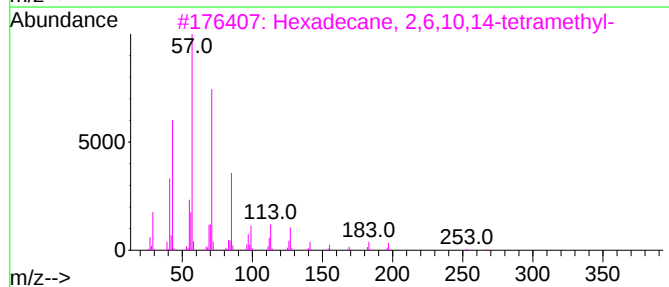
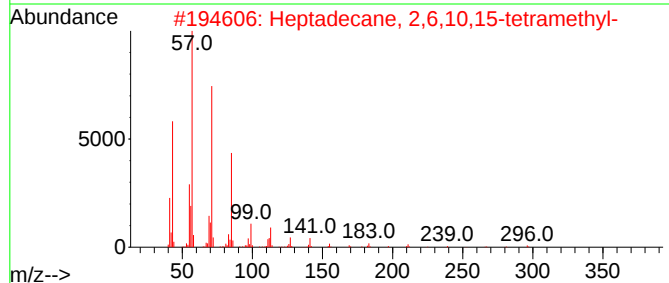
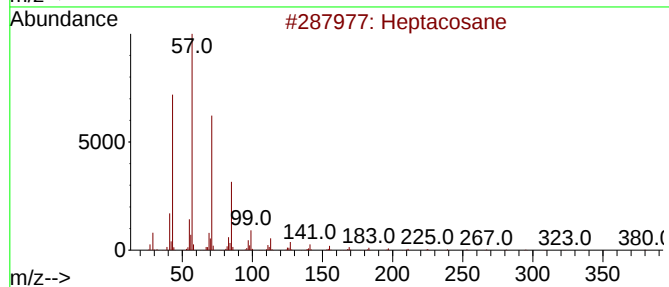
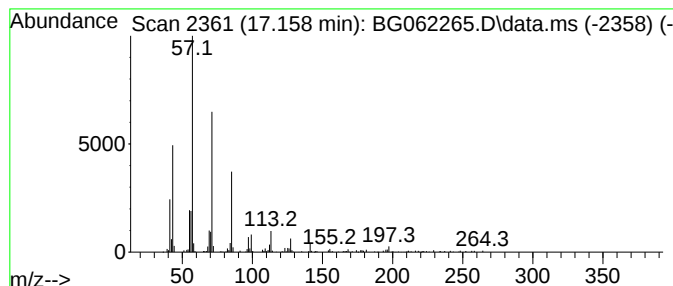
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 17.158    | 4.69 ng/ul                          | 294299 | Phenanthrene-d10 | 17.322      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Heptacosane                         | 380    | C27H56           | 000593-49-7 | 90   |
| 2         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6 | 90   |
| 3         | Hexadecane, 2,6,10,14-tetramethyl-  | 282    | C20H42           | 000638-36-8 | 86   |
| 4         | Tetradecane, 1-iodo-                | 324    | C14H29I          | 019218-94-1 | 80   |
| 5         | Hexadecane                          | 226    | C16H34           | 000544-76-3 | 74   |



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ClientSampleId :  
E20N9

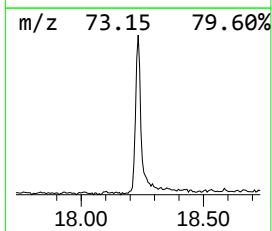
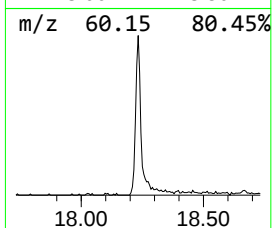
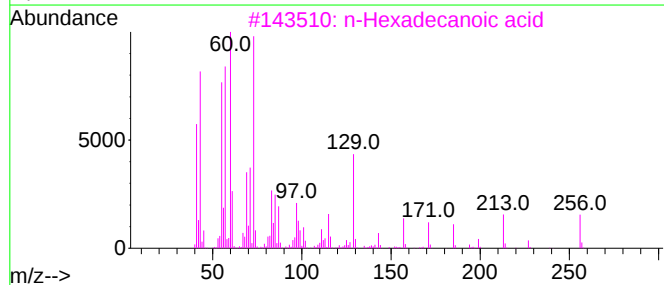
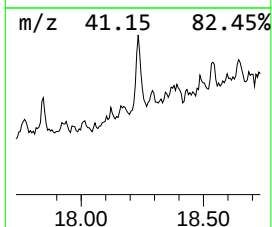
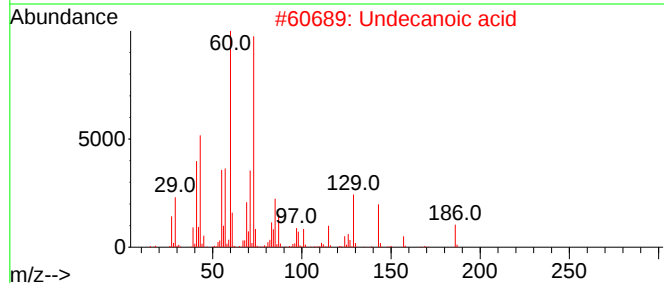
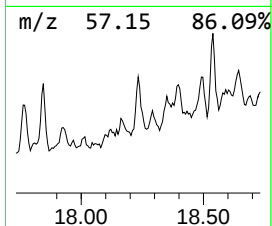
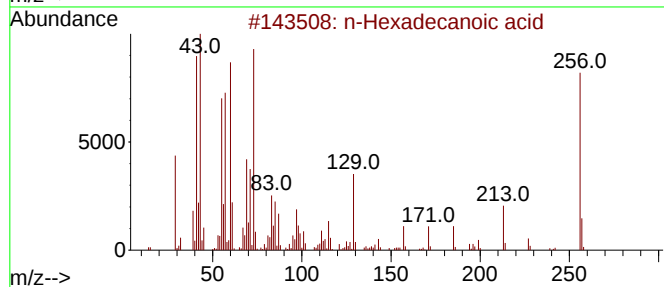
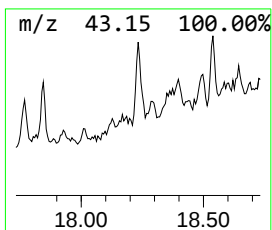
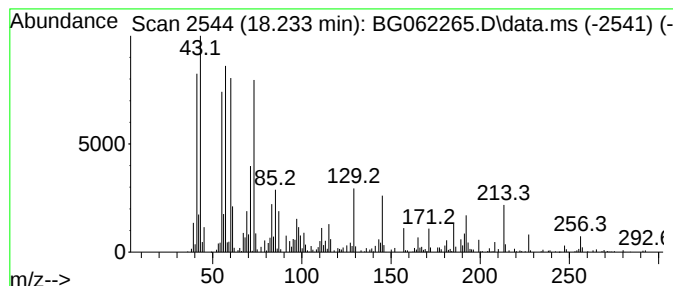
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.233 | 6.36 ng/ul | 399050 | Phenanthrene-d10 | 17.322 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |
| 2    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 76   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 72   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 64   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
Data File : BG062265.D  
Acq On : 6 Aug 2024 10:34  
Operator : MA/JU  
Sample : P3361-07  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20N9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.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: S... | 16.341 | 2.3     | ng/ul | 146841   | 4                     | 17.322 | 1255600 | 20.0 |
| (DEL) Alkane: S... | 17.158 | 4.7     | ng/ul | 294299   | 4                     | 17.322 | 1255600 | 20.0 |
| n-Hexadecanoic ... | 18.233 | 6.4     | ng/ul | 399050   | 4                     | 17.322 | 1255600 | 20.0 |