

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051506.D  
 Acq On : 14 Dec 2021 16:39  
 Operator : CG/JU  
 Sample : M4960-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGKR6

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-BG121421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG051506.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         | 3.610       | 16            | 21          | 27           | rBV3     | 7066           | 11592         | 1.13%           | 0.140%        |
| 2         | 3.881       | 63            | 67          | 68           | rBV2     | 1045           | 1579          | 0.15%           | 0.019%        |
| 3         | 4.057       | 94            | 97          | 101          | rBV2     | 8979           | 13522         | 1.31%           | 0.164%        |
| 4         | 4.227       | 124           | 126         | 127          | rBV2     | 2142           | 1532          | 0.15%           | 0.019%        |
| 5         | 4.356       | 146           | 148         | 151          | rBV3     | 1283           | 1411          | 0.14%           | 0.017%        |
| 6         | 4.392       | 151           | 154         | 160          | rVB5     | 3153           | 5692          | 0.55%           | 0.069%        |
| 7         | 4.756       | 212           | 216         | 226          | rVB6     | 3806           | 7786          | 0.76%           | 0.094%        |
| 8         | 4.920       | 241           | 244         | 245          | rBV2     | 1706           | 1424          | 0.14%           | 0.017%        |
| 9         | 4.997       | 255           | 257         | 259          | rBV      | 1305           | 1488          | 0.14%           | 0.018%        |
| 10        | 5.337       | 308           | 315         | 319          | rBV6     | 4026           | 7474          | 0.73%           | 0.091%        |
| 11        | 5.778       | 389           | 390         | 395          | rVB4     | 1891           | 2360          | 0.23%           | 0.029%        |
| 12        | 5.972       | 419           | 423         | 426          | rBV2     | 1303           | 1807          | 0.18%           | 0.022%        |
| 13        | 6.360       | 483           | 489         | 490          | rBV      | 1788           | 2626          | 0.26%           | 0.032%        |
| 14        | 7.076       | 608           | 611         | 613          | rVB      | 1439           | 1572          | 0.15%           | 0.019%        |
| 15        | 7.217       | 631           | 635         | 636          | rBV2     | 1504           | 1859          | 0.18%           | 0.023%        |
| 16        | 7.364       | 654           | 660         | 661          | rBV2     | 1484           | 2076          | 0.20%           | 0.025%        |
| 17        | 7.417       | 663           | 669         | 675          | rBV2     | 35906          | 62678         | 6.09%           | 0.759%        |
| 18        | 7.593       | 693           | 699         | 706          | rBV      | 88710          | 148389        | 14.42%          | 1.798%        |
| 19        | 7.811       | 729           | 736         | 743          | rVB2     | 94344          | 166102        | 16.14%          | 2.012%        |
| 20        | 8.122       | 787           | 789         | 791          | rBV      | 1387           | 1636          | 0.16%           | 0.020%        |
| 21        | 8.292       | 811           | 818         | 824          | rBV2     | 99357          | 176849        | 17.19%          | 2.143%        |
| 22        | 8.345       | 824           | 827         | 834          | rVB2     | 13232          | 19261         | 1.87%           | 0.233%        |
| 23        | 8.521       | 854           | 857         | 859          | rBV2     | 1831           | 2258          | 0.22%           | 0.027%        |
| 24        | 8.886       | 918           | 919         | 924          | rBV3     | 1551           | 1810          | 0.18%           | 0.022%        |
| 25        | 8.980       | 929           | 935         | 942          | rBV      | 86089          | 147470        | 14.33%          | 1.787%        |
| 26        | 9.115       | 954           | 958         | 966          | rVB3     | 5539           | 8861          | 0.86%           | 0.107%        |
| 27        | 9.250       | 978           | 981         | 984          | rBV2     | 1048           | 1660          | 0.16%           | 0.020%        |
| 28        | 9.391       | 998           | 1005        | 1010         | rBV3     | 10275          | 18650         | 1.81%           | 0.226%        |
| 29        | 9.455       | 1010          | 1016        | 1024         | rVB      | 122827         | 210531        | 20.46%          | 2.551%        |
| 30        | 9.661       | 1048          | 1051        | 1055         | rVB2     | 1529           | 2524          | 0.25%           | 0.031%        |
| 31        | 10.190      | 1133          | 1141        | 1152         | rBV      | 93326          | 171240        | 16.64%          | 2.075%        |
| 32        | 10.730      | 1225          | 1233        | 1242         | rBV      | 138152         | 252316        | 24.52%          | 3.057%        |
| 33        | 11.024      | 1281          | 1283        | 1288         | rVB3     | 2826           | 3019          | 0.29%           | 0.037%        |
| 34        | 11.124      | 1293          | 1300        | 1308         | rVV      | 138158         | 252610        | 24.55%          | 3.061%        |
| 35        | 11.177      | 1308          | 1309        | 1313         | rVV2     | 2871           | 2586          | 0.25%           | 0.031%        |
| 36        | 11.247      | 1313          | 1321        | 1330         | rVB      | 101294         | 176409        | 17.15%          | 2.137%        |

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 Sample : M4960-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGKR6

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-BG121421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 11.641 | 1386 | 1388 | 1396 | rVB2 | 1297   | 2314    | 0.22%   | 0.028%  |
| 38 | 11.782 | 1406 | 1412 | 1413 | rBV4 | 1322   | 2102    | 0.20%   | 0.025%  |
| 39 | 11.870 | 1423 | 1427 | 1428 | rBV2 | 1346   | 1427    | 0.14%   | 0.017%  |
| 40 | 12.222 | 1484 | 1487 | 1489 | rBV2 | 1072   | 1447    | 0.14%   | 0.018%  |
| 41 | 12.399 | 1514 | 1517 | 1519 | rVB2 | 1299   | 1513    | 0.15%   | 0.018%  |
| 42 | 12.422 | 1519 | 1521 | 1525 | rBV  | 1463   | 1920    | 0.19%   | 0.023%  |
| 43 | 12.698 | 1562 | 1568 | 1573 | rVB2 | 4152   | 5526    | 0.54%   | 0.067%  |
| 44 | 12.980 | 1614 | 1616 | 1619 | rVB2 | 1740   | 1571    | 0.15%   | 0.019%  |
| 45 | 13.286 | 1667 | 1668 | 1671 | rBV3 | 2165   | 2251    | 0.22%   | 0.027%  |
| 46 | 13.385 | 1681 | 1685 | 1686 | rVB3 | 1645   | 1700    | 0.17%   | 0.021%  |
| 47 | 13.479 | 1698 | 1701 | 1702 | rBV2 | 1577   | 1489    | 0.14%   | 0.018%  |
| 48 | 13.532 | 1705 | 1710 | 1716 | rVB6 | 3654   | 7654    | 0.74%   | 0.093%  |
| 49 | 13.756 | 1743 | 1748 | 1751 | rBV3 | 5955   | 9071    | 0.88%   | 0.110%  |
| 50 | 13.814 | 1753 | 1758 | 1763 | rVB4 | 11251  | 22547   | 2.19%   | 0.273%  |
| 51 | 14.314 | 1836 | 1843 | 1850 | rBV  | 324672 | 458386  | 44.55%  | 5.554%  |
| 52 | 14.443 | 1862 | 1865 | 1868 | rVB2 | 1487   | 1482    | 0.14%   | 0.018%  |
| 53 | 14.549 | 1881 | 1883 | 1885 | rBV2 | 1370   | 1656    | 0.16%   | 0.020%  |
| 54 | 14.619 | 1887 | 1895 | 1901 | rVV  | 321997 | 513912  | 49.95%  | 6.227%  |
| 55 | 14.919 | 1939 | 1946 | 1954 | rVB  | 243373 | 390675  | 37.97%  | 4.733%  |
| 56 | 14.989 | 1954 | 1958 | 1963 | rBV3 | 5056   | 8754    | 0.85%   | 0.106%  |
| 57 | 15.071 | 1966 | 1972 | 1978 | rVB2 | 40663  | 63739   | 6.19%   | 0.772%  |
| 58 | 15.365 | 2020 | 2022 | 2025 | rBV3 | 1204   | 1765    | 0.17%   | 0.021%  |
| 59 | 15.447 | 2033 | 2036 | 2037 | rBV2 | 1456   | 1412    | 0.14%   | 0.017%  |
| 60 | 15.582 | 2056 | 2059 | 2063 | rVB4 | 2857   | 4767    | 0.46%   | 0.058%  |
| 61 | 15.653 | 2068 | 2071 | 2073 | rVB  | 1327   | 1412    | 0.14%   | 0.017%  |
| 62 | 15.700 | 2077 | 2079 | 2080 | rBV  | 1810   | 1641    | 0.16%   | 0.020%  |
| 63 | 15.906 | 2107 | 2114 | 2123 | rBV  | 434460 | 675144  | 65.62%  | 8.180%  |
| 64 | 16.005 | 2125 | 2131 | 2138 | rVV  | 142948 | 208351  | 20.25%  | 2.524%  |
| 65 | 16.264 | 2170 | 2175 | 2179 | rBV3 | 8097   | 14832   | 1.44%   | 0.180%  |
| 66 | 16.581 | 2228 | 2229 | 2230 | rBV  | 3352   | 1471    | 0.14%   | 0.018%  |
| 67 | 16.622 | 2234 | 2236 | 2237 | rBV2 | 1921   | 1635    | 0.16%   | 0.020%  |
| 68 | 16.728 | 2252 | 2254 | 2257 | rBV2 | 1476   | 1826    | 0.18%   | 0.022%  |
| 69 | 17.069 | 2310 | 2312 | 2313 | rBV  | 2829   | 1766    | 0.17%   | 0.021%  |
| 70 | 17.556 | 2393 | 2395 | 2397 | rBV2 | 2196   | 1491    | 0.14%   | 0.018%  |
| 71 | 17.668 | 2408 | 2414 | 2420 | rBV  | 326807 | 512260  | 49.79%  | 6.207%  |
| 72 | 17.768 | 2424 | 2431 | 2437 | rBV  | 549725 | 843927  | 82.02%  | 10.225% |
| 73 | 17.938 | 2455 | 2460 | 2463 | rBV6 | 6566   | 10659   | 1.04%   | 0.129%  |
| 74 | 18.326 | 2521 | 2526 | 2531 | rBV2 | 73169  | 92567   | 9.00%   | 1.122%  |
| 75 | 18.614 | 2572 | 2575 | 2580 | rVB  | 18025  | 20454   | 1.99%   | 0.248%  |
| 76 | 20.041 | 2812 | 2818 | 2824 | rBV  | 697326 | 1028906 | 100.00% | 12.466% |

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Sample : M4960-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKR6

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-BG121421.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 77 | 21.986 | 3144 | 3149 | 3157 | rVB  | 328380 | 574628 | 55.85% | 6.962%  |
| 78 | 25.252 | 3698 | 3705 | 3716 | rVB2 | 307366 | 858852 | 83.47% | 10.406% |

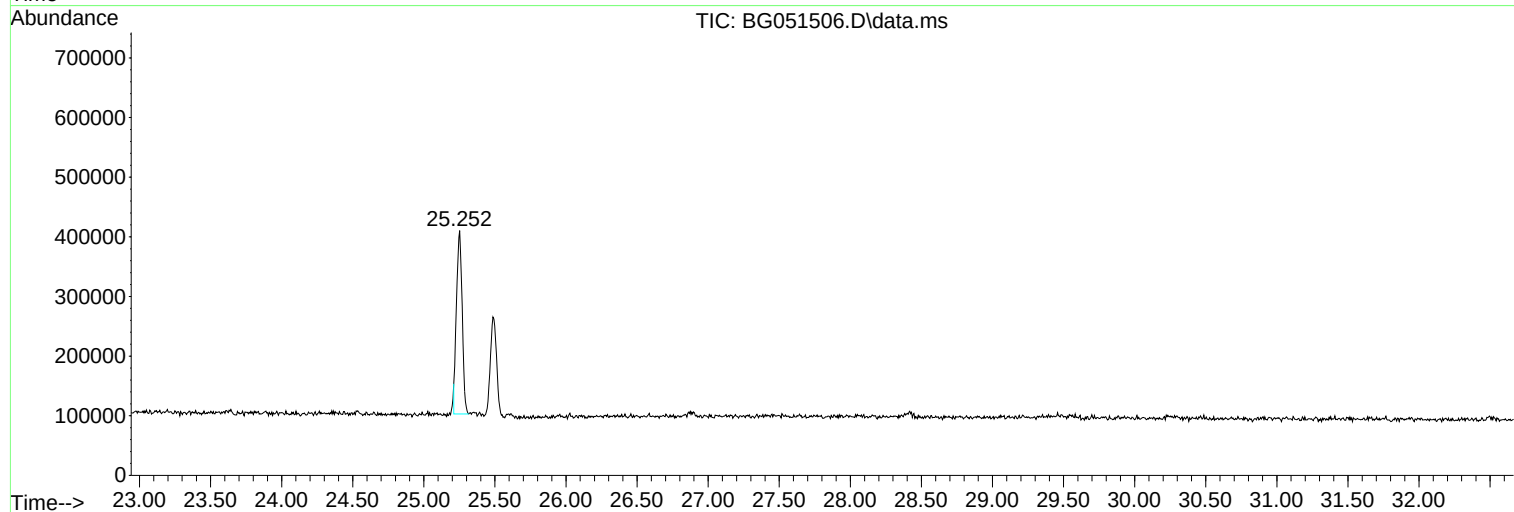
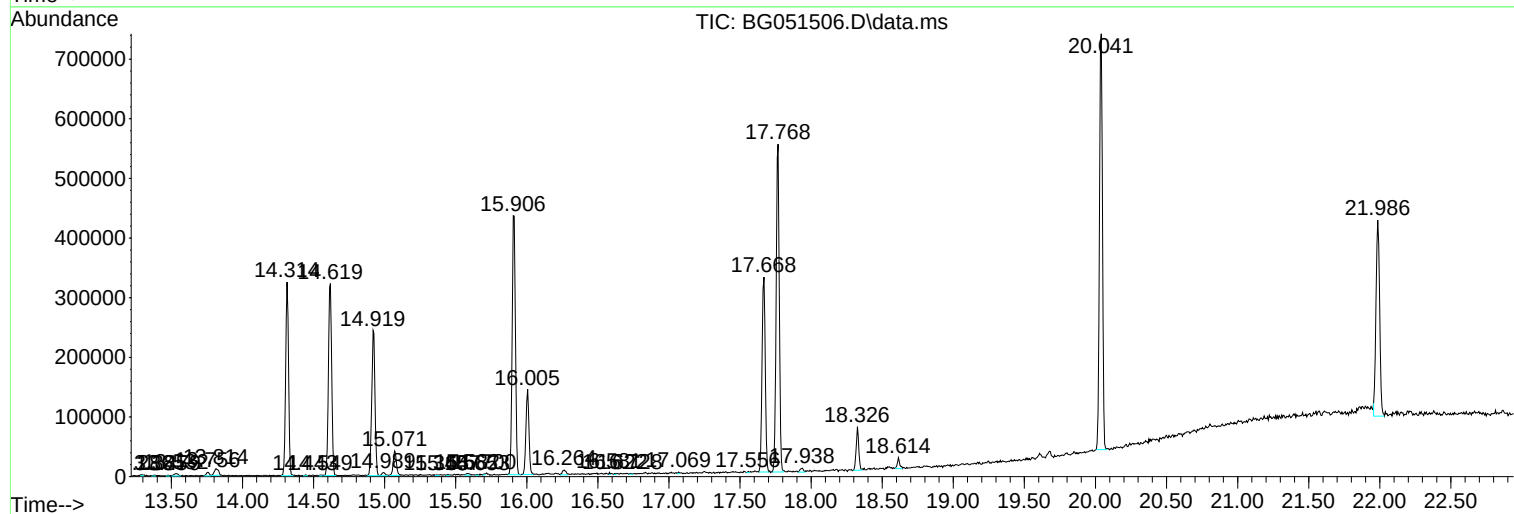
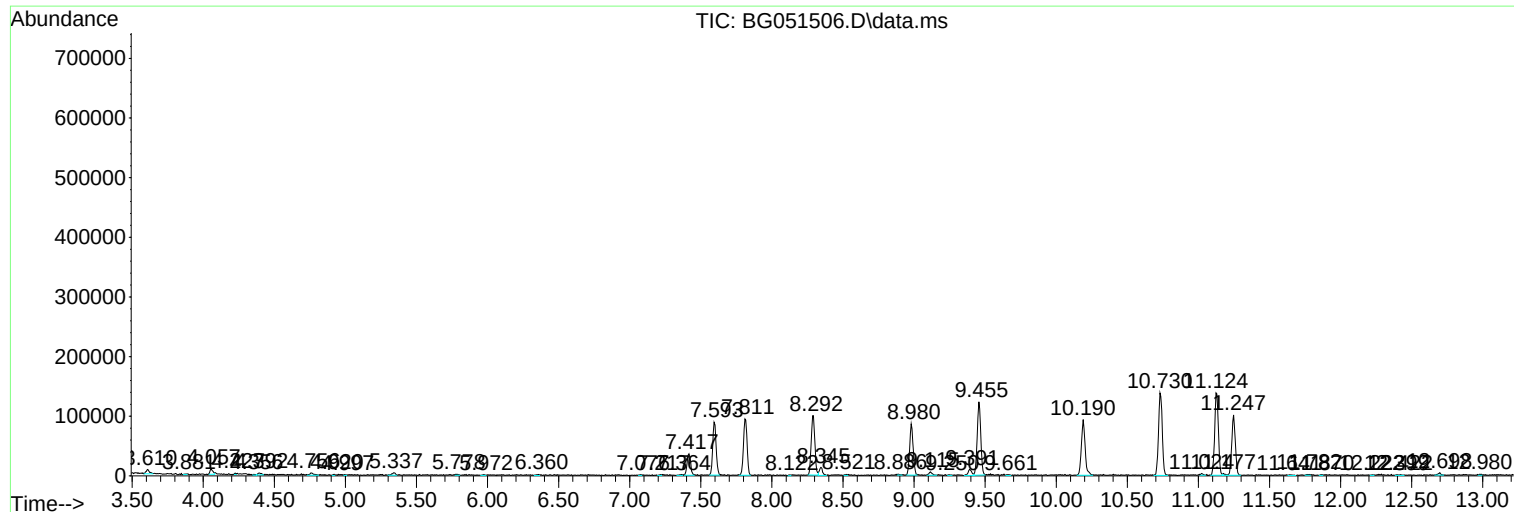
Sum of corrected areas: 8253561

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051506.D  
Acq On : 14 Dec 2021 16:39  
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Instrument :  
BNA\_G  
ClientSampleId :  
BGKR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
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Sample : M4960-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKR6

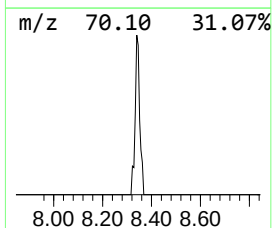
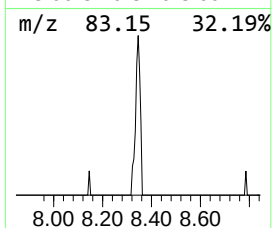
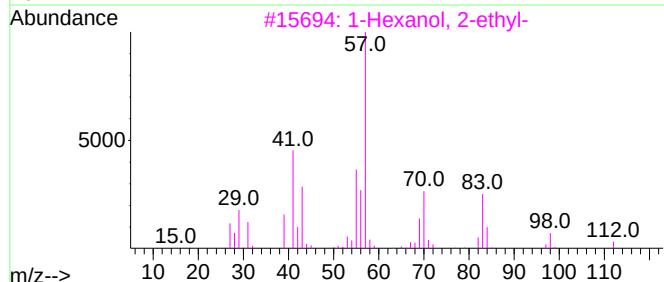
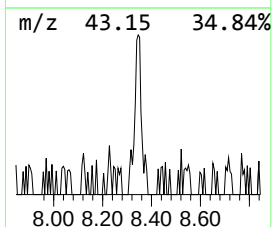
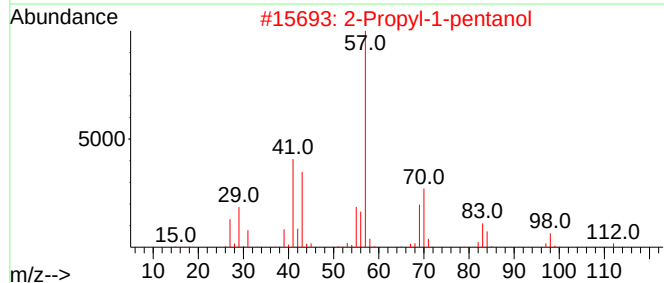
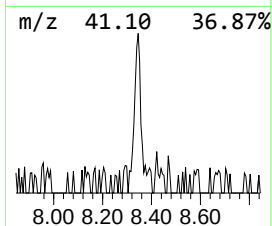
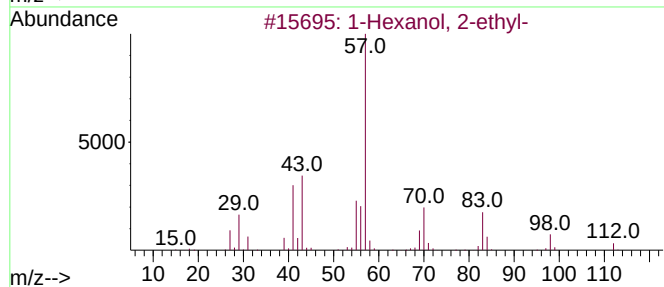
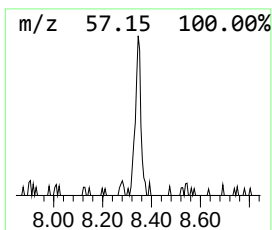
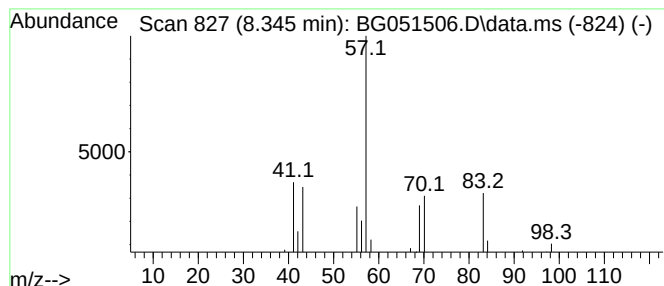
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.345 | 2.18 ng/ul | 19261 | 1,4-Dichlorobenzene-d4 | 8.292 |

| Hit# | of                            | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 64   |
| 2    | 2-Propyl-1-pentanol           |   |              | 130 | C8H18O  | 058175-57-8 | 64   |
| 3    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 64   |
| 4    | 2-Propyl-1-pentanol           |   |              | 130 | C8H18O  | 058175-57-8 | 50   |
| 5    | 1-Pentanol, 2-ethyl-4-methyl- |   |              | 130 | C8H18O  | 000106-67-2 | 45   |



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Instrument :  
BNA\_G  
ClientSampleId :  
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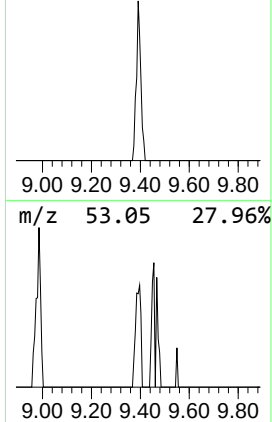
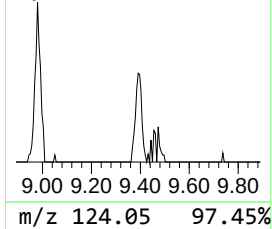
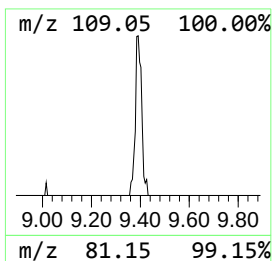
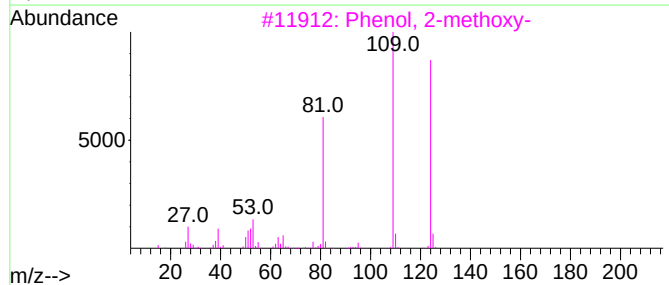
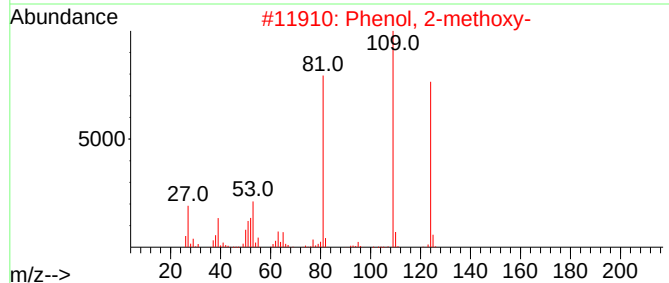
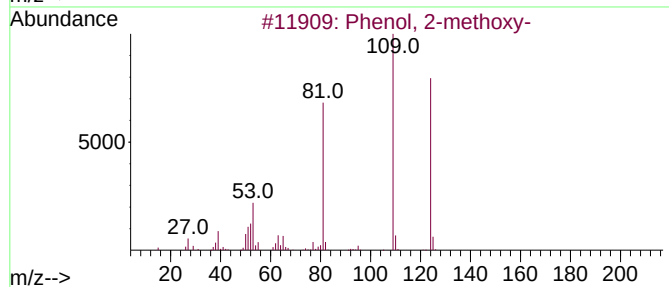
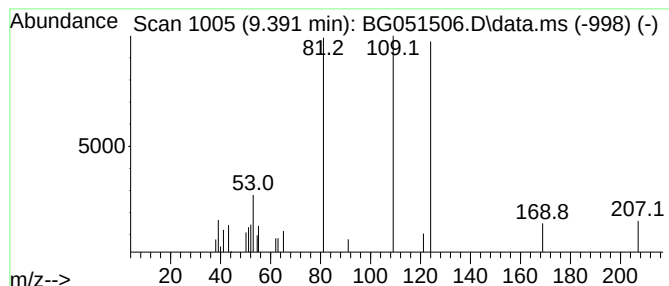
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Phenol, 2-methoxy- Concentration Rank 3

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 9.391 | 2.11 ng/ul | 18650 | 1,4-Dichlorobenzene-d4 | 8.292 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Phenol, 2-methoxy-                 | 124 | C7H8O2  | 000090-05-1  | 80   |
| 2    |    |   | Phenol, 2-methoxy-                 | 124 | C7H8O2  | 000090-05-1  | 80   |
| 3    |    |   | Phenol, 2-methoxy-                 | 124 | C7H8O2  | 000090-05-1  | 72   |
| 4    |    |   | Formic acid, 2-methoxyphenyl ester | 152 | C8H8O3  | 1000368-70-7 | 64   |
| 5    |    |   | Mequinol                           | 124 | C7H8O2  | 000150-76-5  | 52   |



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ALS Vial : 5 Sample Multiplier: 1

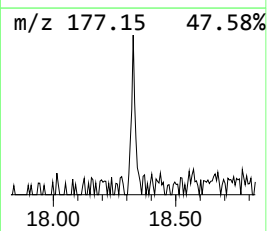
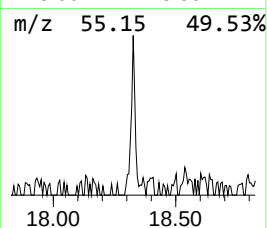
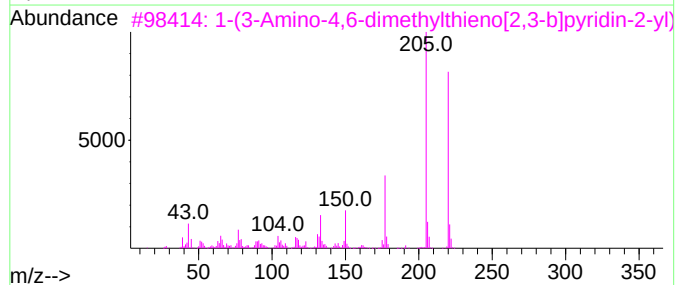
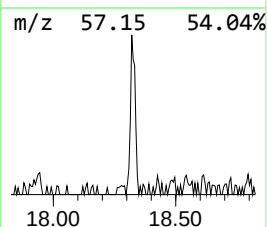
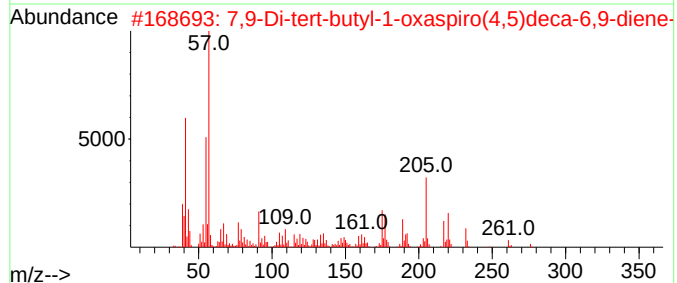
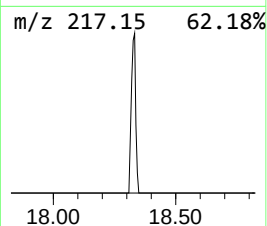
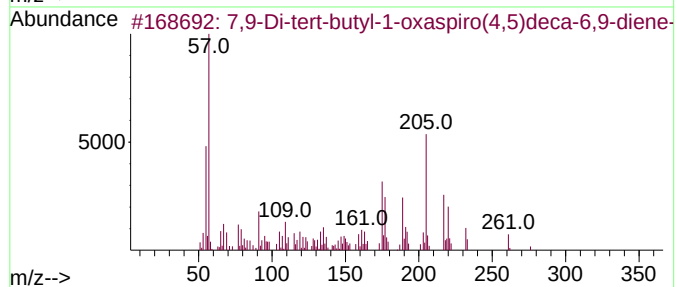
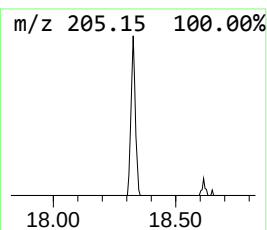
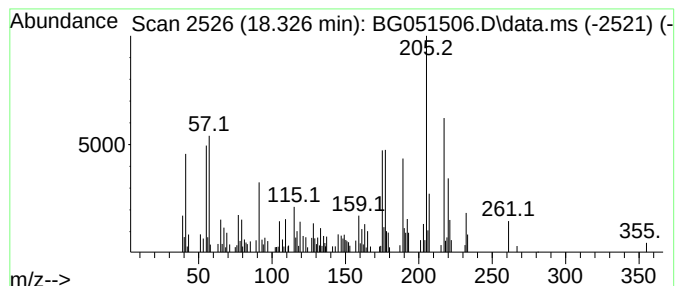
Instrument :  
BNA\_G  
ClientSampleId :  
BGKR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc                             | Area  | Relative to ISTD |             |         | R.T.   |      |
|--------|-------------------------------------|-------|------------------|-------------|---------|--------|------|
| 18.326 | 3.61 ng/ul                          | 92567 | Phenanthrene-d10 |             |         | 17.668 |      |
| Hit#   | of                                  | 5     | Tentative ID     | MW          | MolForm | CAS#   | Qual |
| 1      | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276   | C17H24O3         | 082304-66-3 | 83      |        |      |
| 2      | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276   | C17H24O3         | 082304-66-3 | 49      |        |      |
| 3      | 1-(3-Amino-4,6-dimethylthieno[2,... | 220   | C11H12N2OS       | 052505-42-7 | 45      |        |      |
| 4      | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276   | C17H24O3         | 082304-66-3 | 43      |        |      |
| 5      | 2,4-Diamino-6-nitroquinazoline      | 205   | C8H7N5O2         | 007154-34-9 | 42      |        |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051506.D  
Acq On : 14 Dec 2021 16:39  
Operator : CG/JU  
Sample : M4960-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.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 |
| 1-Hexanol, 2-et... | 8.345  | 2.2     | ng/ul | 19261    | 1                     | 8.292  | 176849 | 20.0 |
| Phenol, 2-methoxy- | 9.391  | 2.1     | ng/ul | 18650    | 1                     | 8.292  | 176849 | 20.0 |
| 7,9-Di-tert-but... | 18.326 | 3.6     | ng/ul | 92567    | 4                     | 17.668 | 512260 | 20.0 |