

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
 Data File : BG062809.D  
 Acq On : 14 Sep 2024 13:25  
 Operator : JU/RC  
 Sample : P3898-08DL 30X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC58DL

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-BG090924.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG062809.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         | 7.069       | 670           | 677         | 683          | rBV5     | 7794           | 15764         | 1.40%           | 0.206%        |
| 2         | 7.234       | 699           | 705         | 711          | rBV3     | 3653           | 7598          | 0.67%           | 0.099%        |
| 3         | 7.328       | 718           | 721         | 728          | rVB2     | 7092           | 10779         | 0.96%           | 0.141%        |
| 4         | 7.439       | 735           | 740         | 744          | rBV3     | 3648           | 6202          | 0.55%           | 0.081%        |
| 5         | 7.533       | 749           | 756         | 764          | rBV4     | 10838          | 20557         | 1.83%           | 0.269%        |
| 6         | 7.598       | 764           | 767         | 772          | rVB3     | 2981           | 4588          | 0.41%           | 0.060%        |
| 7         | 7.903       | 812           | 819         | 826          | rVV      | 123531         | 220951        | 19.62%          | 2.891%        |
| 8         | 7.962       | 826           | 829         | 835          | rVB2     | 5912           | 10550         | 0.94%           | 0.138%        |
| 9         | 8.097       | 847           | 852         | 856          | rBV4     | 2251           | 4442          | 0.39%           | 0.058%        |
| 10        | 8.326       | 884           | 891         | 896          | rBV      | 27085          | 45751         | 4.06%           | 0.599%        |
| 11        | 8.373       | 897           | 899         | 905          | rVB6     | 3732           | 4999          | 0.44%           | 0.065%        |
| 12        | 8.438       | 907           | 910         | 915          | rVB3     | 3238           | 4569          | 0.41%           | 0.060%        |
| 13        | 8.514       | 916           | 923         | 929          | rBV8     | 7065           | 19721         | 1.75%           | 0.258%        |
| 14        | 8.603       | 934           | 938         | 943          | rVV2     | 5448           | 9423          | 0.84%           | 0.123%        |
| 15        | 8.667       | 945           | 949         | 952          | rBV3     | 4249           | 6640          | 0.59%           | 0.087%        |
| 16        | 8.697       | 952           | 954         | 963          | rVB4     | 2800           | 4904          | 0.44%           | 0.064%        |
| 17        | 8.890       | 982           | 987         | 994          | rVB3     | 19452          | 31118         | 2.76%           | 0.407%        |
| 18        | 9.014       | 1003          | 1008        | 1013         | rBV2     | 12257          | 19488         | 1.73%           | 0.255%        |
| 19        | 9.131       | 1023          | 1028        | 1033         | rVB      | 18654          | 28042         | 2.49%           | 0.367%        |
| 20        | 9.237       | 1040          | 1046        | 1047         | rBV4     | 3650           | 6219          | 0.55%           | 0.081%        |
| 21        | 9.484       | 1084          | 1088        | 1092         | rVB2     | 2868           | 4326          | 0.38%           | 0.057%        |
| 22        | 9.619       | 1104          | 1111        | 1115         | rVV7     | 3884           | 8861          | 0.79%           | 0.116%        |
| 23        | 9.689       | 1118          | 1123        | 1129         | rVV5     | 4742           | 9717          | 0.86%           | 0.127%        |
| 24        | 9.783       | 1129          | 1139        | 1142         | rVV5     | 4365           | 9695          | 0.86%           | 0.127%        |
| 25        | 9.889       | 1152          | 1157        | 1164         | rVV5     | 2657           | 5164          | 0.46%           | 0.068%        |
| 26        | 9.977       | 1166          | 1172        | 1179         | rVB3     | 3510           | 8263          | 0.73%           | 0.108%        |
| 27        | 10.048      | 1179          | 1184        | 1187         | rBV2     | 2702           | 4100          | 0.36%           | 0.054%        |
| 28        | 10.318      | 1226          | 1230        | 1236         | rVB2     | 4839           | 7337          | 0.65%           | 0.096%        |
| 29        | 10.559      | 1265          | 1271        | 1272         | rBV2     | 3632           | 4707          | 0.42%           | 0.062%        |
| 30        | 10.688      | 1280          | 1293        | 1304         | rBV2     | 448998         | 849879        | 75.48%          | 11.122%       |
| 31        | 10.806      | 1307          | 1313        | 1320         | rBV2     | 105830         | 183348        | 16.28%          | 2.399%        |
| 32        | 10.982      | 1336          | 1343        | 1347         | rBV5     | 11076          | 18115         | 1.61%           | 0.237%        |
| 33        | 11.082      | 1353          | 1360        | 1368         | rBV4     | 12897          | 26658         | 2.37%           | 0.349%        |
| 34        | 11.164      | 1371          | 1374        | 1375         | rVV3     | 5319           | 4741          | 0.42%           | 0.062%        |
| 35        | 11.205      | 1377          | 1381        | 1386         | rVB3     | 8974           | 14918         | 1.32%           | 0.195%        |
| 36        | 11.299      | 1393          | 1397        | 1405         | rBV6     | 5629           | 11957         | 1.06%           | 0.156%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 37 | 11.587 | 1440 | 1446 | 1448 | rBV3 | 24824 | 39972 | 3.55% | 0.523% |
| 38 | 11.681 | 1459 | 1462 | 1465 | rBV3 | 4056  | 4641  | 0.41% | 0.061% |
| 39 | 11.728 | 1465 | 1470 | 1478 | rVB5 | 9175  | 18481 | 1.64% | 0.242% |
| 40 | 11.811 | 1479 | 1484 | 1487 | rBV4 | 6043  | 8965  | 0.80% | 0.117% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 11.934 | 1499 | 1505 | 1512 | rBV4 | 17649 | 35385 | 3.14% | 0.463% |
| 42 | 12.104 | 1527 | 1534 | 1541 | rBV5 | 46040 | 90692 | 8.05% | 1.187% |
| 43 | 12.198 | 1547 | 1550 | 1553 | rBV3 | 3248  | 4979  | 0.44% | 0.065% |
| 44 | 12.234 | 1553 | 1556 | 1563 | rVB4 | 4844  | 9686  | 0.86% | 0.127% |
| 45 | 12.292 | 1563 | 1566 | 1573 | rBV4 | 2347  | 6689  | 0.59% | 0.088% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 12.351 | 1573 | 1576 | 1581 | rVB4 | 5799  | 8785  | 0.78% | 0.115% |
| 47 | 12.539 | 1601 | 1608 | 1611 | rBV6 | 10467 | 21476 | 1.91% | 0.281% |
| 48 | 12.933 | 1671 | 1675 | 1678 | rBV3 | 4037  | 6312  | 0.56% | 0.083% |
| 49 | 13.015 | 1685 | 1689 | 1691 | rBV3 | 4391  | 4644  | 0.41% | 0.061% |
| 50 | 13.103 | 1695 | 1704 | 1709 | rVB  | 60617 | 98036 | 8.71% | 1.283% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 51 | 13.362 | 1741 | 1748 | 1754 | rBV  | 22722 | 37621 | 3.34% | 0.492% |
| 52 | 13.579 | 1779 | 1785 | 1791 | rVB8 | 6246  | 12966 | 1.15% | 0.170% |
| 53 | 13.714 | 1800 | 1808 | 1811 | rBV7 | 8996  | 18744 | 1.66% | 0.245% |
| 54 | 13.855 | 1827 | 1832 | 1835 | rBV4 | 6988  | 11464 | 1.02% | 0.150% |
| 55 | 13.932 | 1842 | 1845 | 1851 | rVB  | 15985 | 22849 | 2.03% | 0.299% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 56 | 14.014 | 1856 | 1859 | 1863 | rVB4 | 10569 | 14509 | 1.29% | 0.190% |
| 57 | 14.073 | 1863 | 1869 | 1875 | rBV7 | 12651 | 23823 | 2.12% | 0.312% |
| 58 | 14.184 | 1884 | 1888 | 1891 | rVB4 | 11955 | 16363 | 1.45% | 0.214% |
| 59 | 14.219 | 1891 | 1894 | 1904 | rVB2 | 15783 | 28301 | 2.51% | 0.370% |
| 60 | 14.302 | 1904 | 1908 | 1912 | rBV6 | 4463  | 8132  | 0.72% | 0.106% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 14.366 | 1916 | 1919 | 1924 | rVB6 | 5965   | 9194   | 0.82%  | 0.120% |
| 62 | 14.431 | 1925 | 1930 | 1934 | rBV  | 32216  | 45880  | 4.07%  | 0.600% |
| 63 | 14.472 | 1934 | 1937 | 1941 | rBV5 | 10265  | 16101  | 1.43%  | 0.211% |
| 64 | 14.531 | 1941 | 1947 | 1954 | rVB  | 348299 | 548910 | 48.75% | 7.183% |
| 65 | 14.595 | 1955 | 1958 | 1965 | rVB8 | 6341   | 12510  | 1.11%  | 0.164% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 66 | 14.736 | 1978 | 1982 | 1985 | rBV5 | 7645  | 12835 | 1.14% | 0.168% |
| 67 | 14.778 | 1987 | 1989 | 1993 | rVV3 | 15288 | 17878 | 1.59% | 0.234% |
| 68 | 14.825 | 1995 | 1997 | 1999 | rVV3 | 6151  | 5355  | 0.48% | 0.070% |
| 69 | 14.872 | 2002 | 2005 | 2011 | rVV6 | 8399  | 16675 | 1.48% | 0.218% |
| 70 | 14.936 | 2011 | 2016 | 2021 | rVB7 | 10840 | 18412 | 1.64% | 0.241% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 71 | 15.060 | 2032 | 2037 | 2042 | rVB5 | 9976  | 16805 | 1.49% | 0.220% |
| 72 | 15.107 | 2042 | 2045 | 2049 | rBV6 | 12560 | 19976 | 1.77% | 0.261% |
| 73 | 15.154 | 2049 | 2053 | 2060 | rVB2 | 47009 | 69911 | 6.21% | 0.915% |
| 74 | 15.265 | 2069 | 2072 | 2077 | rBV6 | 5420  | 7360  | 0.65% | 0.096% |
| 75 | 15.383 | 2084 | 2092 | 2096 | rVB2 | 37696 | 54892 | 4.88% | 0.718% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 15.524 | 2111 | 2116 | 2120 | rVB2 | 21548 | 31948 | 2.84% | 0.418% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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 DDC58DL

Integration Parameters: LSCINT.P

Integrator: RTE

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |         |
|-----|--------|------|------|------|------|--------|---------|---------|---------|
| 77  | 15.594 | 2124 | 2128 | 2132 | rBV7 | 6100   | 11767   | 1.05%   | 0.154%  |
| 78  | 15.882 | 2173 | 2177 | 2182 | rVB4 | 17140  | 26898   | 2.39%   | 0.352%  |
| 79  | 15.941 | 2184 | 2187 | 2192 | rVV5 | 5780   | 7125    | 0.63%   | 0.093%  |
| 80  | 16.000 | 2194 | 2197 | 2204 | rVB5 | 7635   | 12400   | 1.10%   | 0.162%  |
| 81  | 16.246 | 2234 | 2239 | 2242 | rBV  | 46663  | 78213   | 6.95%   | 1.024%  |
| 82  | 16.581 | 2294 | 2296 | 2300 | rBV5 | 6491   | 7944    | 0.71%   | 0.104%  |
| 83  | 16.705 | 2315 | 2317 | 2319 | rVB2 | 5389   | 3972    | 0.35%   | 0.052%  |
| 84  | 16.928 | 2349 | 2355 | 2363 | rBV  | 653481 | 997305  | 88.57%  | 13.051% |
| 85  | 17.034 | 2370 | 2373 | 2379 | rVB  | 45952  | 57541   | 5.11%   | 0.753%  |
| 86  | 17.093 | 2379 | 2383 | 2387 | rVB3 | 22046  | 32554   | 2.89%   | 0.426%  |
| 87  | 17.275 | 2408 | 2414 | 2423 | rBV  | 513158 | 772320  | 68.59%  | 10.107% |
| 88  | 17.375 | 2427 | 2431 | 2435 | rVB  | 32123  | 49877   | 4.43%   | 0.653%  |
| 89  | 17.504 | 2451 | 2453 | 2460 | rVB5 | 7997   | 10988   | 0.98%   | 0.144%  |
| 90  | 17.698 | 2482 | 2486 | 2489 | rVB4 | 9248   | 9487    | 0.84%   | 0.124%  |
| 91  | 17.774 | 2495 | 2499 | 2504 | rVB  | 49021  | 59858   | 5.32%   | 0.783%  |
| 92  | 17.856 | 2510 | 2513 | 2517 | rBV3 | 6020   | 8766    | 0.78%   | 0.115%  |
| 93  | 18.003 | 2536 | 2538 | 2543 | rVB6 | 6329   | 6793    | 0.60%   | 0.089%  |
| 94  | 18.467 | 2613 | 2617 | 2621 | rBV  | 41558  | 48736   | 4.33%   | 0.638%  |
| 95  | 19.096 | 2721 | 2724 | 2730 | rVB  | 36339  | 41467   | 3.68%   | 0.543%  |
| 96  | 19.666 | 2816 | 2821 | 2826 | rBV2 | 53585  | 90441   | 8.03%   | 1.184%  |
| 97  | 20.207 | 2910 | 2913 | 2916 | rVB2 | 20728  | 22794   | 2.02%   | 0.298%  |
| 98  | 20.700 | 2995 | 2997 | 3001 | rVB3 | 19868  | 20308   | 1.80%   | 0.266%  |
| 99  | 21.523 | 3131 | 3137 | 3144 | rBV  | 654284 | 1025868 | 91.11%  | 13.425% |
| 100 | 24.584 | 3649 | 3658 | 3673 | rVB  | 412697 | 1125983 | 100.00% | 14.735% |

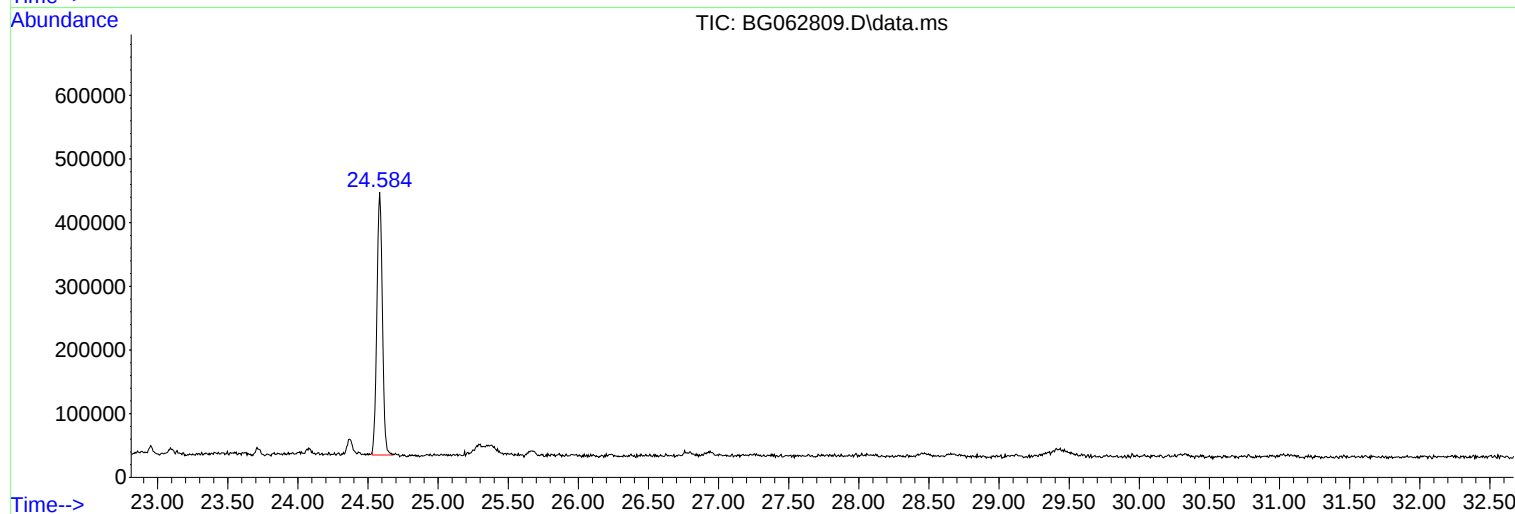
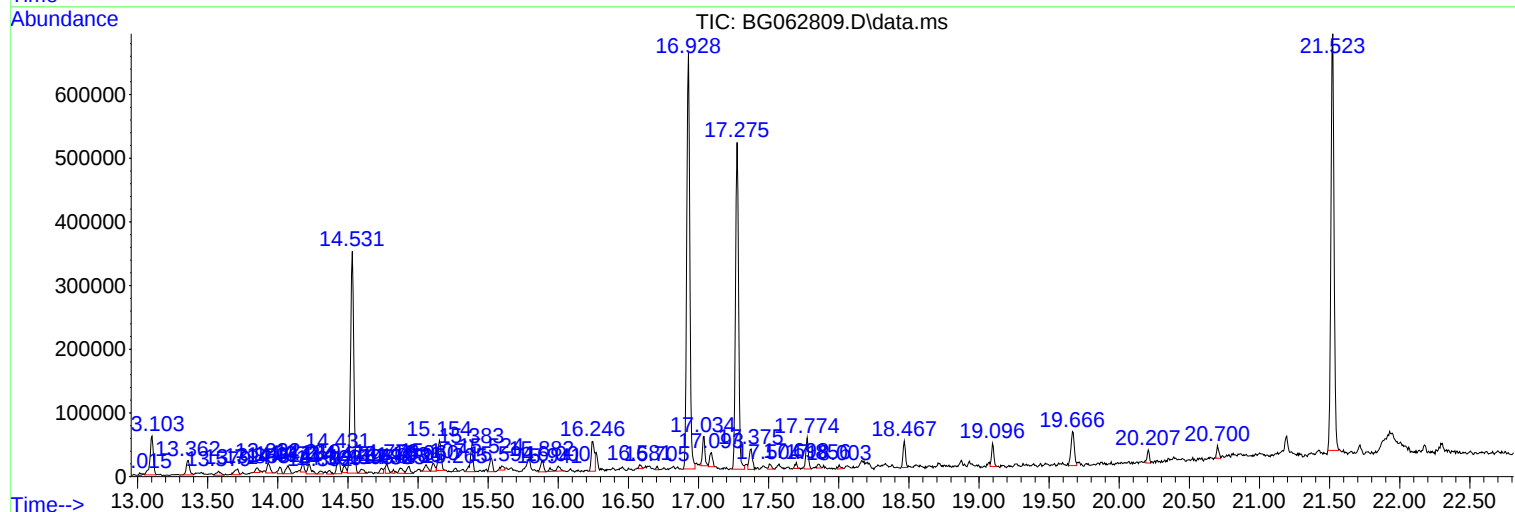
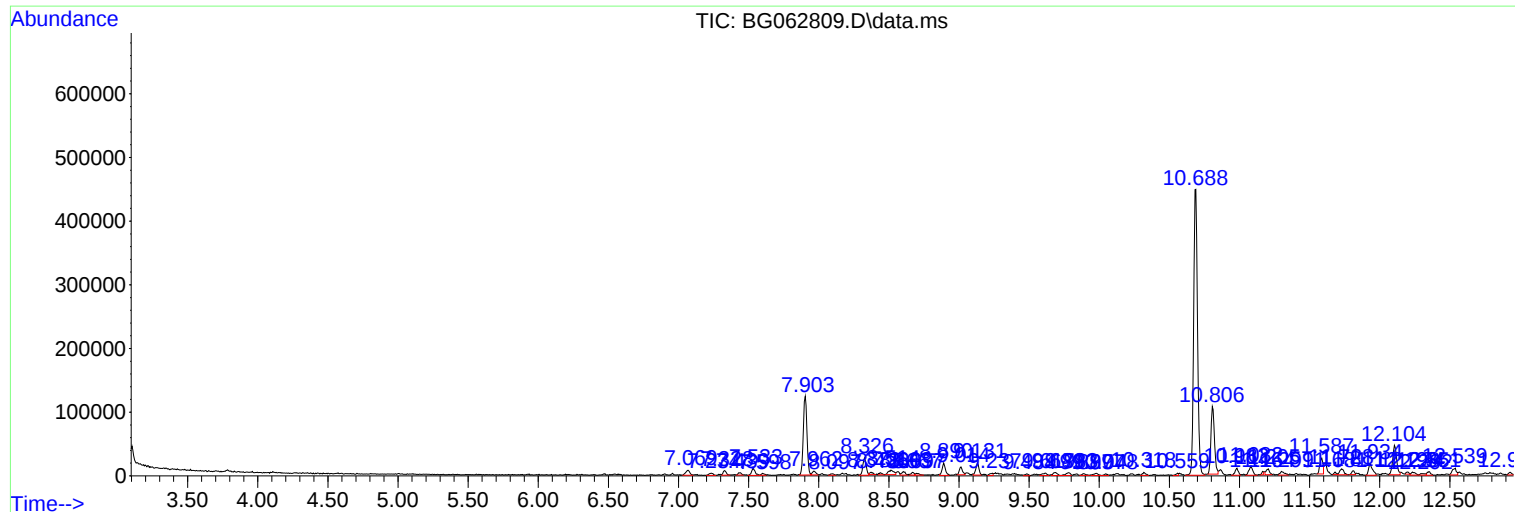
Sum of corrected areas: 7641653

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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



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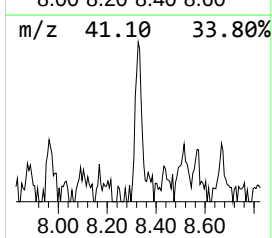
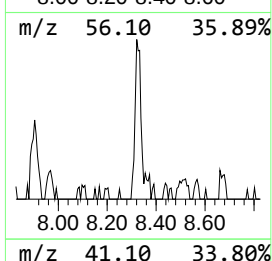
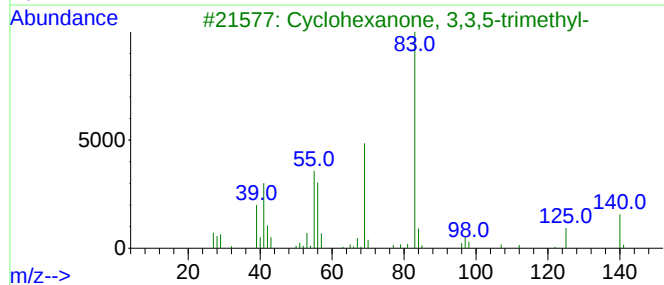
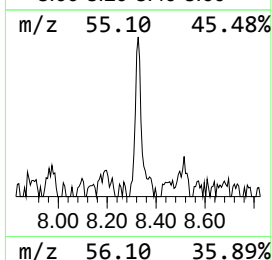
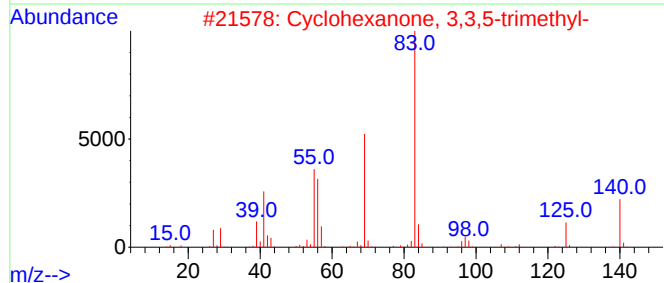
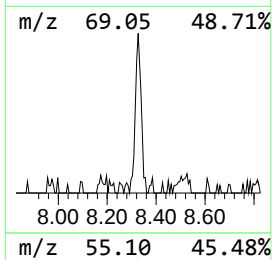
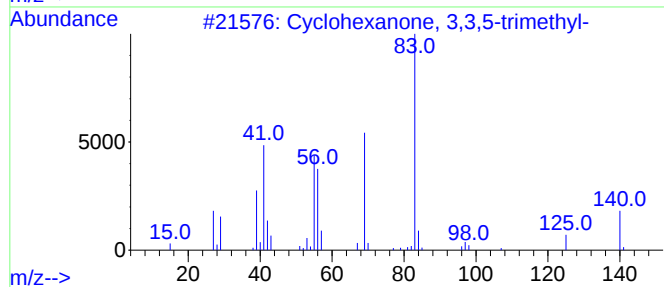
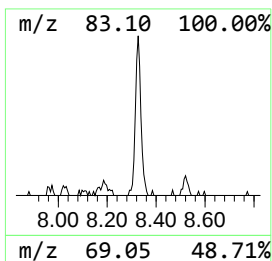
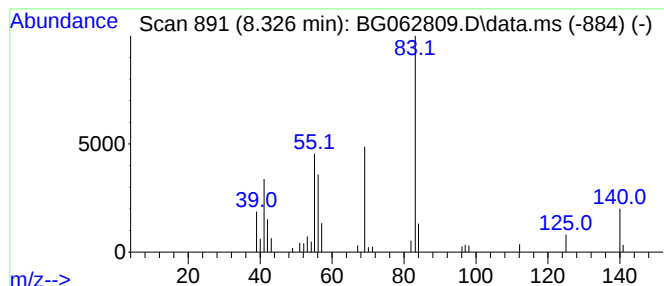
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

| R.T.      | EstConc                         | Area  | Relative to ISTD       |         |             | R.T.  |
|-----------|---------------------------------|-------|------------------------|---------|-------------|-------|
| 8.326     | 4.14 ng/ul                      | 45751 | 1,4-Dichlorobenzene-d4 |         |             | 7.903 |
| Hit# of 5 | Tentative ID                    |       | MW                     | MolForm | CAS#        | Qual  |
| 1         | Cyclohexanone, 3,3,5-trimethyl- |       | 140                    | C9H16O  | 000873-94-9 | 91    |
| 2         | Cyclohexanone, 3,3,5-trimethyl- |       | 140                    | C9H16O  | 000873-94-9 | 91    |
| 3         | Cyclohexanone, 3,3,5-trimethyl- |       | 140                    | C9H16O  | 000873-94-9 | 72    |
| 4         | Cyclohexanone, 3,3,5-trimethyl- |       | 140                    | C9H16O  | 000873-94-9 | 68    |
| 5         | Cyclohexane, (2-methylpropyl)-  |       | 140                    | C10H20  | 001678-98-4 | 64    |



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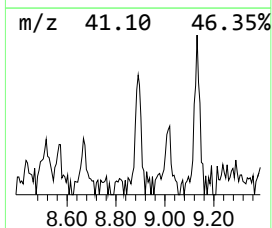
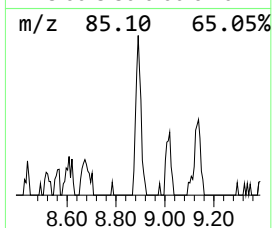
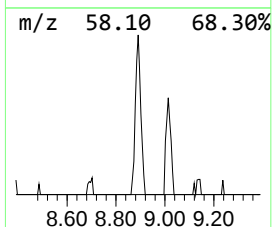
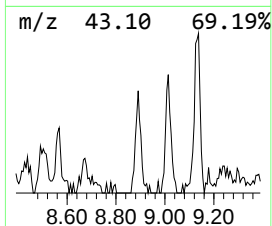
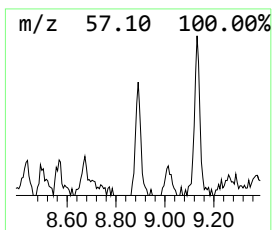
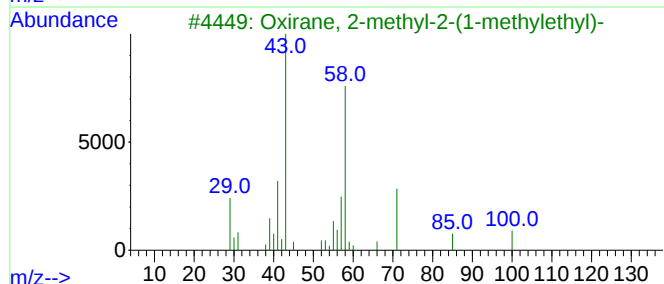
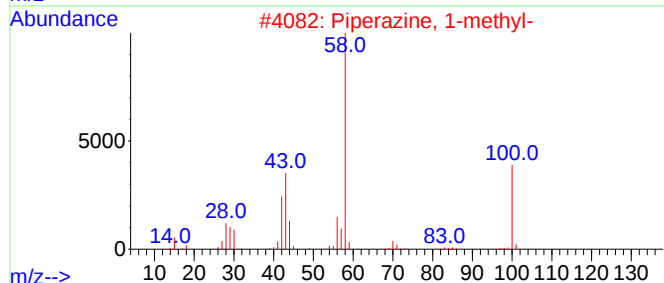
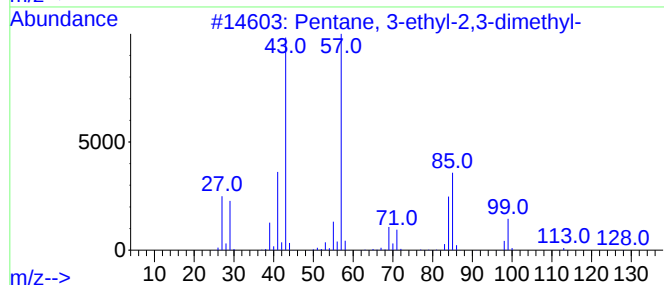
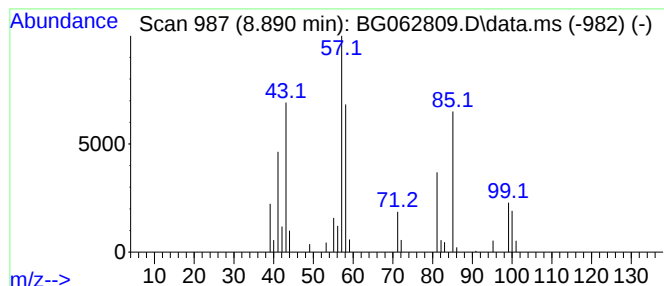
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.890 | 2.82 ng/ul | 31118 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 3-ethyl-2,3-dimethyl-      | 128 | C9H20   | 016747-33-4 | 37   |
| 2    |    |   | Piperazine, 1-methyl-               | 100 | C5H12N2 | 000109-01-3 | 30   |
| 3    |    |   | Oxirane, 2-methyl-2-(1-methyleth... | 100 | C6H12O  | 072221-03-5 | 25   |
| 4    |    |   | 2-Hexanone                          | 100 | C6H12O  | 000591-78-6 | 23   |
| 5    |    |   | 3-Pentanone, 2-methyl-              | 100 | C6H12O  | 000565-69-5 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062809.D  
Acq On : 14 Sep 2024 13:25  
Operator : JU/RC  
Sample : P3898-08DL 30X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC58DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

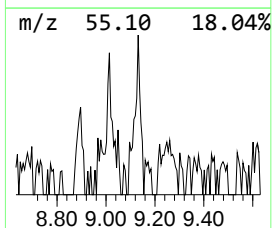
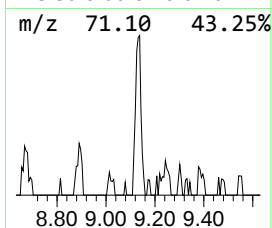
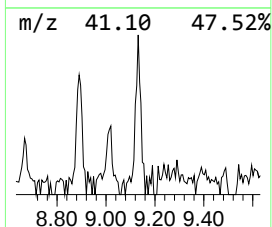
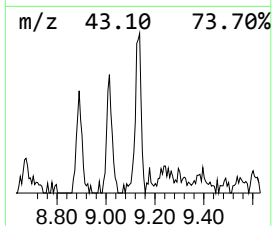
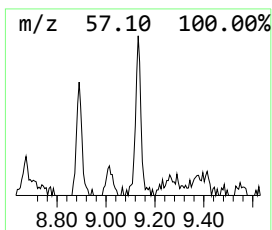
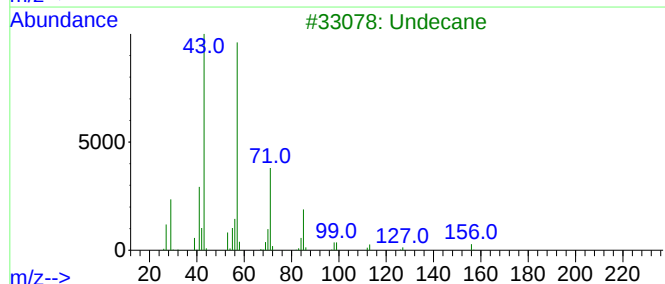
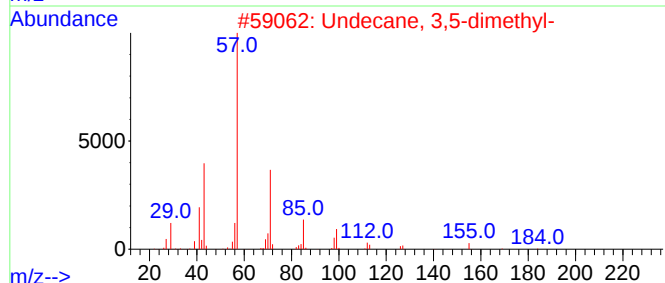
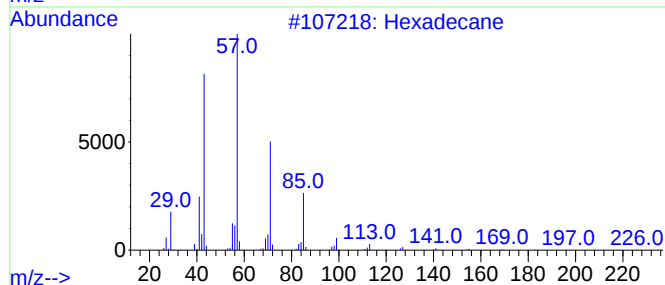
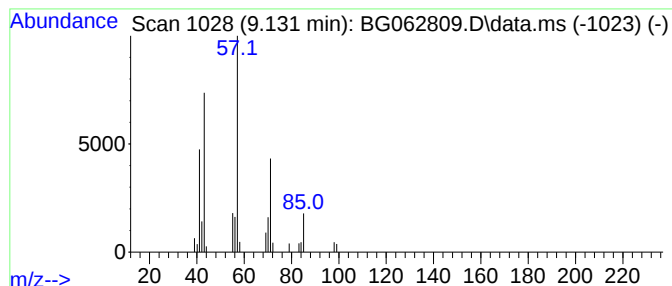
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 9.131 | 2.54 ng/ul | 28042 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane              | 226 | C16H34  | 000544-76-3 | 78   |
| 2    |      | Undecane, 3,5-dimethyl- | 184 | C13H28  | 017312-81-1 | 78   |
| 3    |      | Undecane                | 156 | C11H24  | 001120-21-4 | 72   |
| 4    |      | Tridecane               | 184 | C13H28  | 000629-50-5 | 59   |
| 5    |      | Octane, 2-methyl-       | 128 | C9H20   | 003221-61-2 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062809.D  
Acq On : 14 Sep 2024 13:25  
Operator : JU/RC  
Sample : P3898-08DL 30X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC58DL

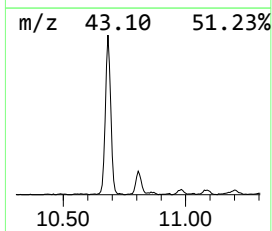
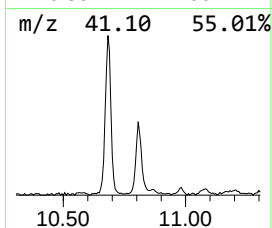
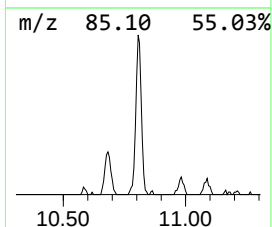
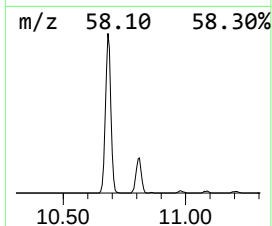
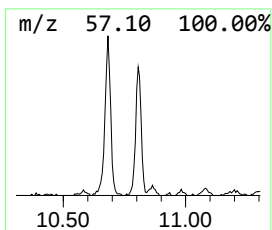
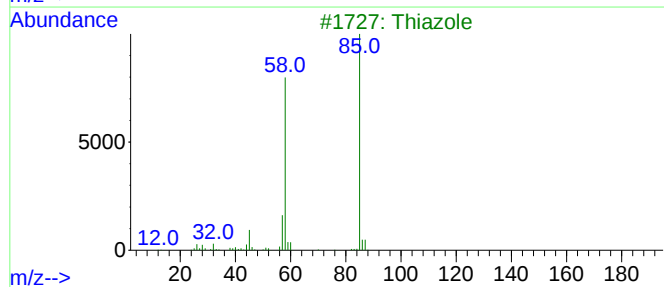
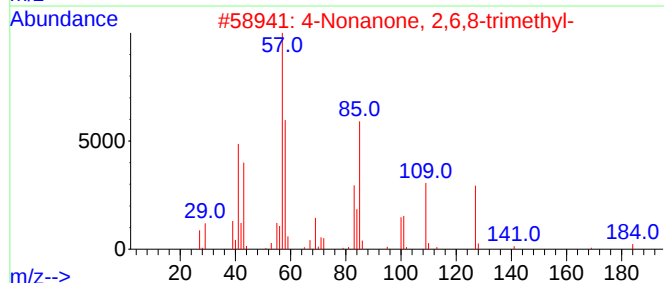
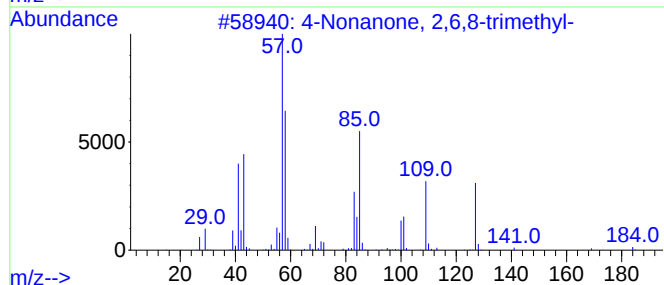
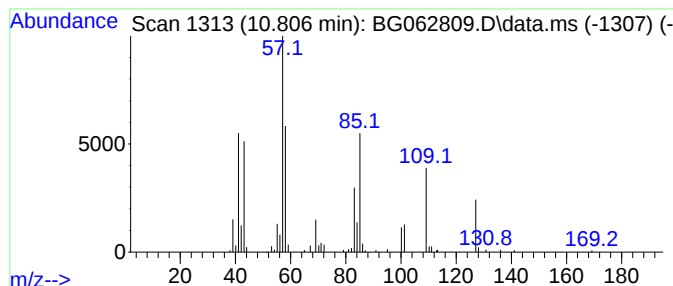
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 4-Nonanone, 2,6,8-trimethyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.806 | 4.31 ng/ul | 183348 | Naphthalene-d8   | 10.694 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | 4-Nonanone, 2,6,8-trimethyl- | 184 | C12H24O | 000123-18-2 | 53   |
| 2    |    |   | 4-Nonanone, 2,6,8-trimethyl- | 184 | C12H24O | 000123-18-2 | 43   |
| 3    |    |   | Thiazole                     | 85  | C3H3NS  | 000288-47-1 | 38   |
| 4    |    |   | 5-Nonanone                   | 142 | C9H18O  | 000502-56-7 | 38   |
| 5    |    |   | 4-Octanone, 2-methyl-        | 142 | C9H18O  | 007492-38-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062809.D  
Acq On : 14 Sep 2024 13:25  
Operator : JU/RC  
Sample : P3898-08DL 30X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC58DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

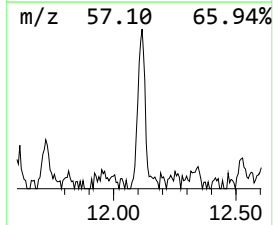
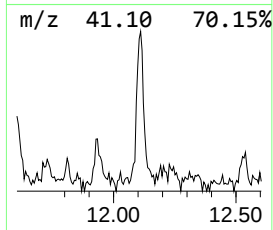
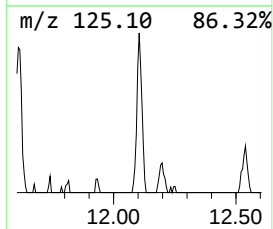
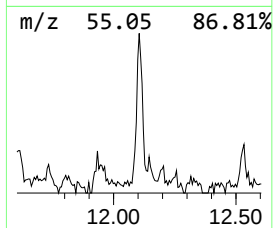
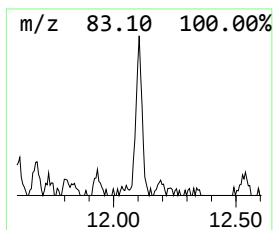
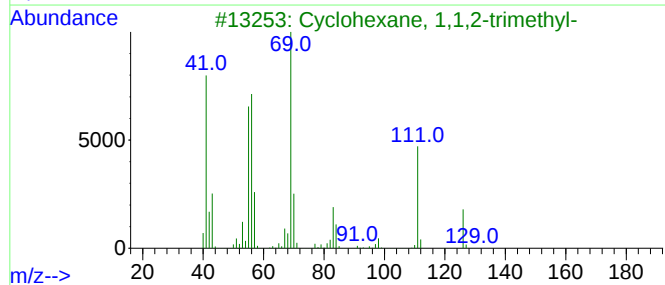
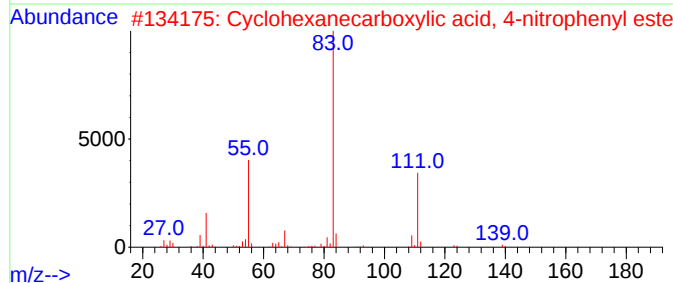
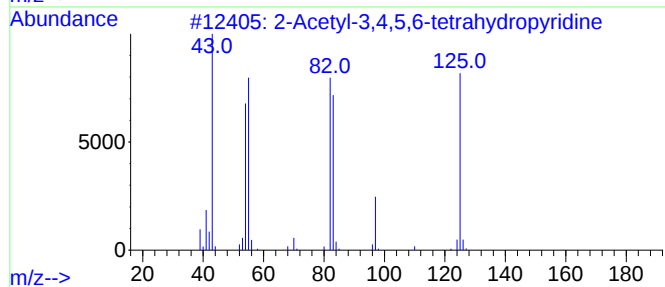
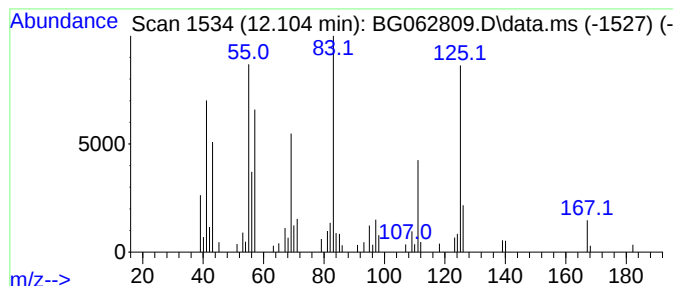
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown-01 Concentration Rank 6

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 12.104 | 2.13 ng/ul | 90692 | Naphthalene-d8   | 10.694 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 2-Acetyl-3,4,5,6-tetrahydropyridine | 125 | C7H11NO   | 027300-27-2  | 49   |
| 2    |    |   | Cyclohexanecarboxylic acid, 4-ni... | 249 | C13H15NO4 | 1000307-70-8 | 43   |
| 3    |    |   | Cyclohexane, 1,1,2-trimethyl-       | 126 | C9H18     | 007094-26-0  | 35   |
| 4    |    |   | 2-Pentene, 3-ethyl-2-methyl-        | 112 | C8H16     | 019780-67-7  | 30   |
| 5    |    |   | 3-Ethyl-4-methyl-2-pentene          | 112 | C8H16     | 019780-68-8  | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062809.D  
Acq On : 14 Sep 2024 13:25  
Operator : JU/RC  
Sample : P3898-08DL 30X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC58DL

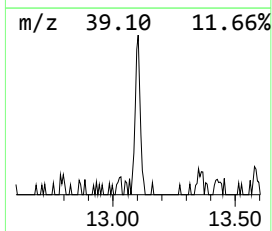
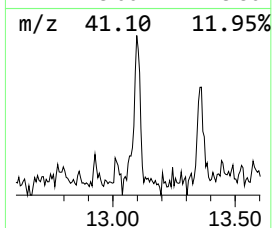
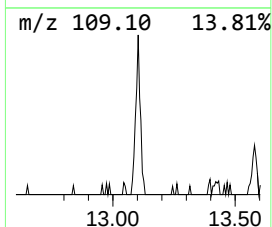
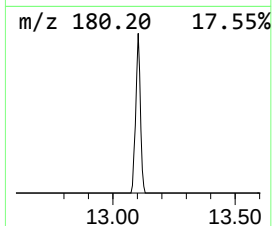
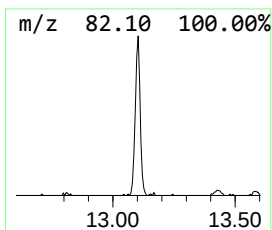
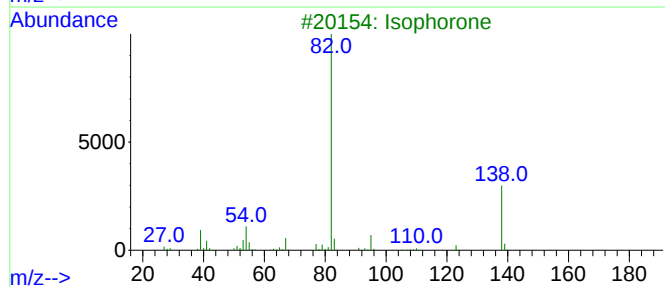
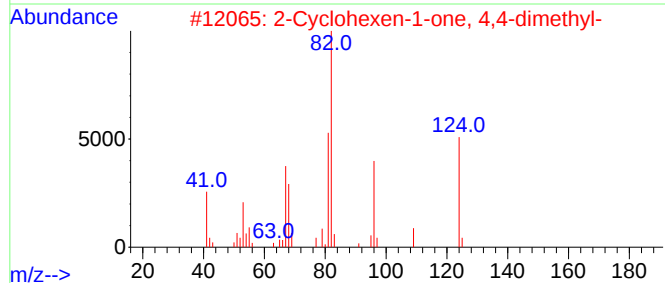
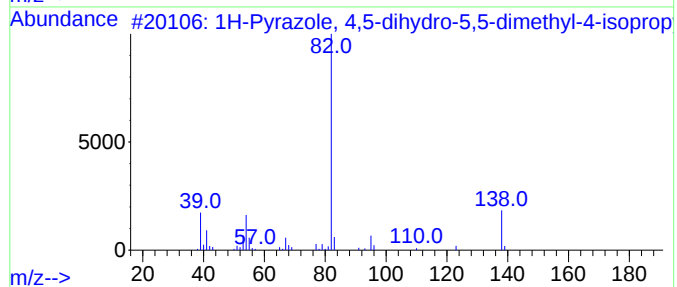
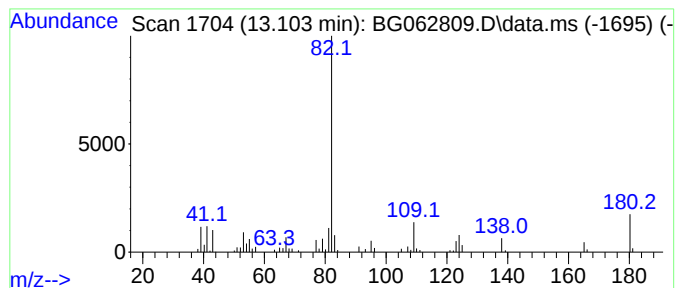
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 1H-Pyrazole, 4,5-dihydro-5,... Concentration Rank 3

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 13.103 | 3.57 ng/ul | 98036 | Acenaphthene-d10 | 14.531 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Pyrazole, 4,5-dihydro-5,5-dim... | 138 | C8H14N2 | 106251-09-6 | 53   |
| 2    |    |   | 2-Cyclohexen-1-one, 4,4-dimethyl-   | 124 | C8H12O  | 001073-13-8 | 52   |
| 3    |    |   | Isophorone                          | 138 | C9H14O  | 000078-59-1 | 52   |
| 4    |    |   | Isophorone                          | 138 | C9H14O  | 000078-59-1 | 52   |
| 5    |    |   | Isophorone                          | 138 | C9H14O  | 000078-59-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062809.D  
Acq On : 14 Sep 2024 13:25  
Operator : JU/RC  
Sample : P3898-08DL 30X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC58DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

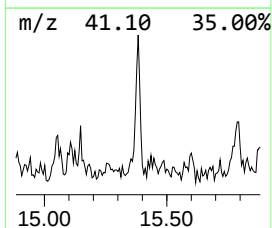
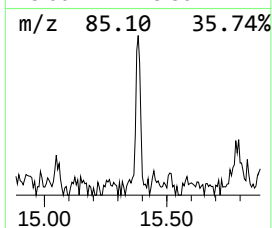
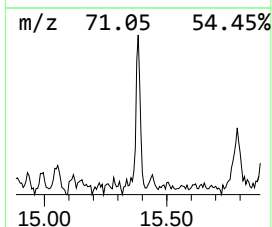
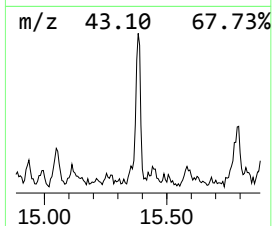
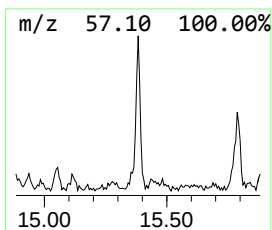
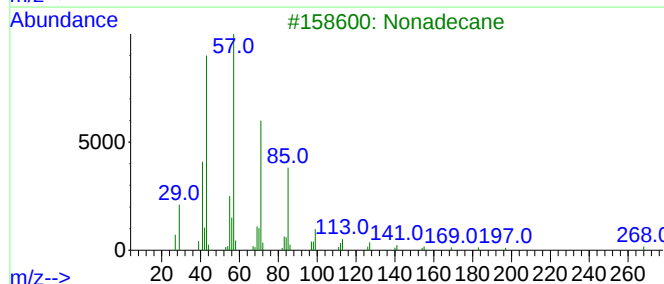
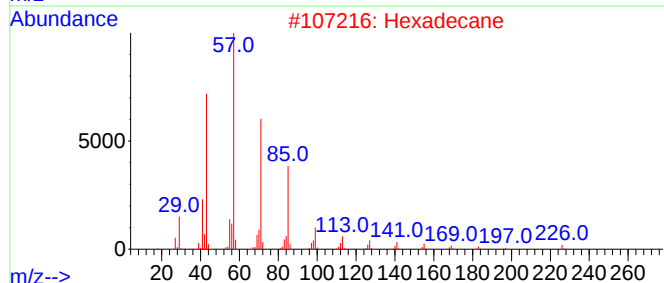
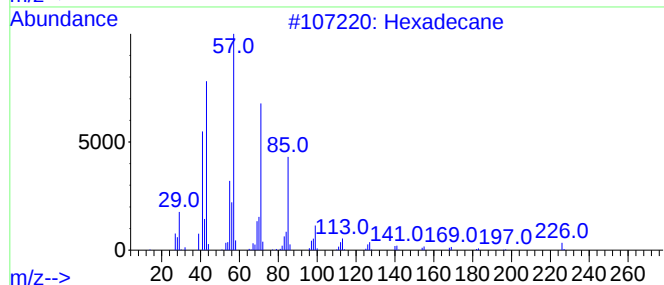
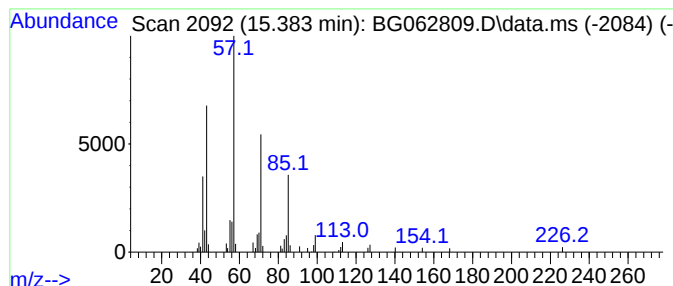
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 15.383 | 2.00 ng/ul | 54892 | Acenaphthene-d10 | 14.531 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 96   |
| 2    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 93   |
| 3    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 4    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 90   |
| 5    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062809.D  
Acq On : 14 Sep 2024 13:25  
Operator : JU/RC  
Sample : P3898-08DL 30X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC58DL

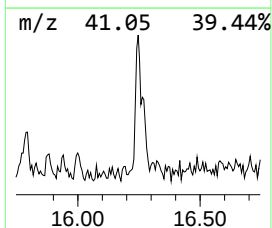
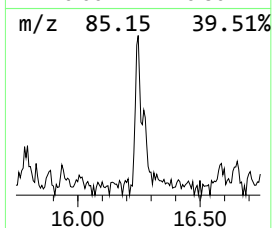
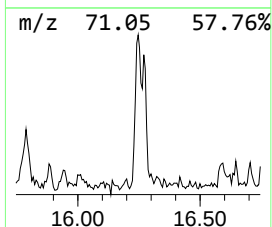
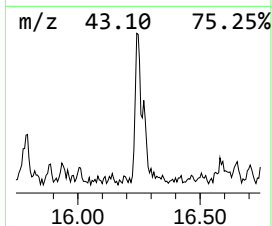
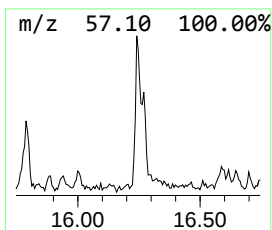
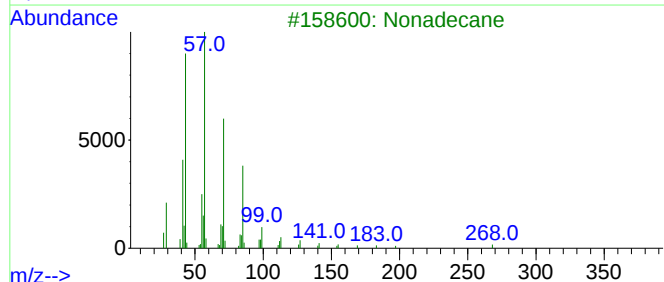
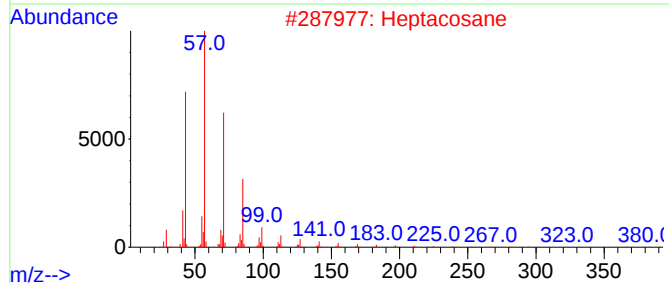
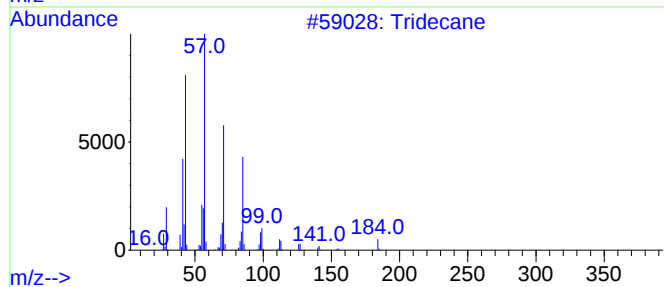
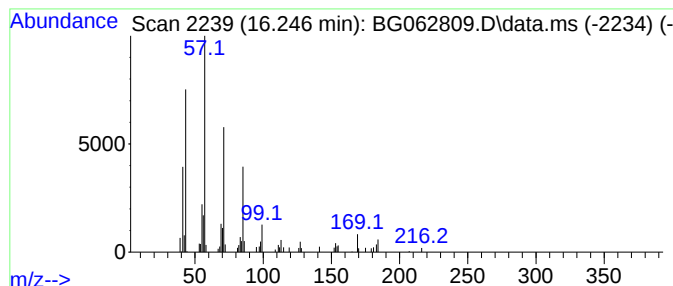
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.247 | 2.03 ng/ul | 78213 | Phenanthrene-d10 | 17.275 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane         | 184 | C13H28  | 000629-50-5 | 87   |
| 2    |    |   | Heptacosane       | 380 | C27H56  | 000593-49-7 | 80   |
| 3    |    |   | Nonadecane        | 268 | C19H40  | 000629-92-5 | 80   |
| 4    |    |   | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 80   |
| 5    |    |   | Heneicosane       | 296 | C21H44  | 000629-94-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062809.D  
Acq On : 14 Sep 2024 13:25  
Operator : JU/RC  
Sample : P3898-08DL 30X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC58DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Cyclohexanone, ... | 8.326  | 4.1     | ng/u1 | 45751    | 1                     | 7.903  | 220951 | 20.0 |
| (DEL) Alkane: S... | 8.890  | 2.8     | ng/u1 | 31118    | 1                     | 7.903  | 220951 | 20.0 |
| (DEL) Alkane: S... | 9.131  | 2.5     | ng/u1 | 28042    | 1                     | 7.903  | 220951 | 20.0 |
| 4-Nonanone, 2,6... | 10.806 | 4.3     | ng/u1 | 183348   | 2                     | 10.694 | 849879 | 20.0 |
| unknown-01         | 12.104 | 2.1     | ng/u1 | 90692    | 2                     | 10.694 | 849879 | 20.0 |
| 1H-Pyrazole, 4,... | 13.103 | 3.6     | ng/u1 | 98036    | 3                     | 14.531 | 548910 | 20.0 |
| (DEL) Alkane: S... | 15.383 | 2.0     | ng/u1 | 54892    | 3                     | 14.531 | 548910 | 20.0 |
| (DEL) Alkane: S... | 16.247 | 2.0     | ng/u1 | 78213    | 4                     | 17.275 | 772320 | 20.0 |