

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
 Data File : BP021725.D  
 Acq On : 29 Aug 2024 16:48  
 Operator : RC/JU  
 Sample : PB162933BL  
 Misc : GCMS confirmation  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SBLK933

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-BP082324.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP021725.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         | 3.040       | 5             | 9           | 15           | rVB      | 681635         | 797365        | 20.02%          | 3.286%        |
| 2         | 3.117       | 15            | 22          | 25           | rVV      | 429777         | 532003        | 13.35%          | 2.193%        |
| 3         | 3.146       | 25            | 27          | 29           | rVV      | 249134         | 263026        | 6.60%           | 1.084%        |
| 4         | 3.170       | 29            | 31          | 34           | rVV      | 356951         | 393416        | 9.88%           | 1.621%        |
| 5         | 3.211       | 34            | 38          | 47           | rVB      | 2014292        | 2113562       | 53.06%          | 8.711%        |
| 6         | 3.546       | 92            | 95          | 100          | rVB2     | 24805          | 28820         | 0.72%           | 0.119%        |
| 7         | 4.017       | 171           | 175         | 182          | rVB      | 31111          | 43069         | 1.08%           | 0.178%        |
| 8         | 4.152       | 195           | 198         | 203          | rVB4     | 10120          | 13186         | 0.33%           | 0.054%        |
| 9         | 4.205       | 203           | 207         | 212          | rBV2     | 10419          | 15716         | 0.39%           | 0.065%        |
| 10        | 4.305       | 220           | 224         | 228          | rBV7     | 8562           | 12180         | 0.31%           | 0.050%        |
| 11        | 4.352       | 228           | 232         | 236          | rVB2     | 6626           | 9796          | 0.25%           | 0.040%        |
| 12        | 4.658       | 282           | 284         | 287          | rVB3     | 4097           | 3986          | 0.10%           | 0.016%        |
| 13        | 4.928       | 326           | 330         | 336          | rBV5     | 4709           | 8988          | 0.23%           | 0.037%        |
| 14        | 5.511       | 425           | 429         | 433          | rVB7     | 2564           | 4034          | 0.10%           | 0.017%        |
| 15        | 5.834       | 481           | 484         | 491          | rVB8     | 2242           | 4997          | 0.13%           | 0.021%        |
| 16        | 7.787       | 807           | 816         | 826          | rBV      | 1351033        | 2301817       | 57.78%          | 9.487%        |
| 17        | 10.575      | 1281          | 1290        | 1305         | rBV      | 1672352        | 2875759       | 72.19%          | 11.852%       |
| 18        | 11.634      | 1463          | 1470        | 1474         | rBV8     | 2185           | 5392          | 0.14%           | 0.022%        |
| 19        | 12.798      | 1665          | 1668        | 1672         | rBV5     | 2624           | 4483          | 0.11%           | 0.018%        |
| 20        | 14.428      | 1935          | 1945        | 1960         | rBV      | 2106516        | 3482691       | 87.43%          | 14.354%       |
| 21        | 16.728      | 2334          | 2336        | 2341         | rVB5     | 4142           | 4681          | 0.12%           | 0.019%        |
| 22        | 17.004      | 2380          | 2383        | 2388         | rVB4     | 5720           | 8295          | 0.21%           | 0.034%        |
| 23        | 17.228      | 2414          | 2421        | 2434         | rBV      | 2330849        | 3696110       | 92.78%          | 15.233%       |
| 24        | 18.175      | 2579          | 2582        | 2585         | rBV5     | 5599           | 6598          | 0.17%           | 0.027%        |
| 25        | 18.286      | 2599          | 2601        | 2606         | rVB6     | 16741          | 23086         | 0.58%           | 0.095%        |
| 26        | 21.674      | 3171          | 3177        | 3185         | rBV      | 2164214        | 3626463       | 91.04%          | 14.946%       |
| 27        | 25.080      | 3747          | 3756        | 3771         | rBV      | 1356767        | 3983587       | 100.00%         | 16.418%       |

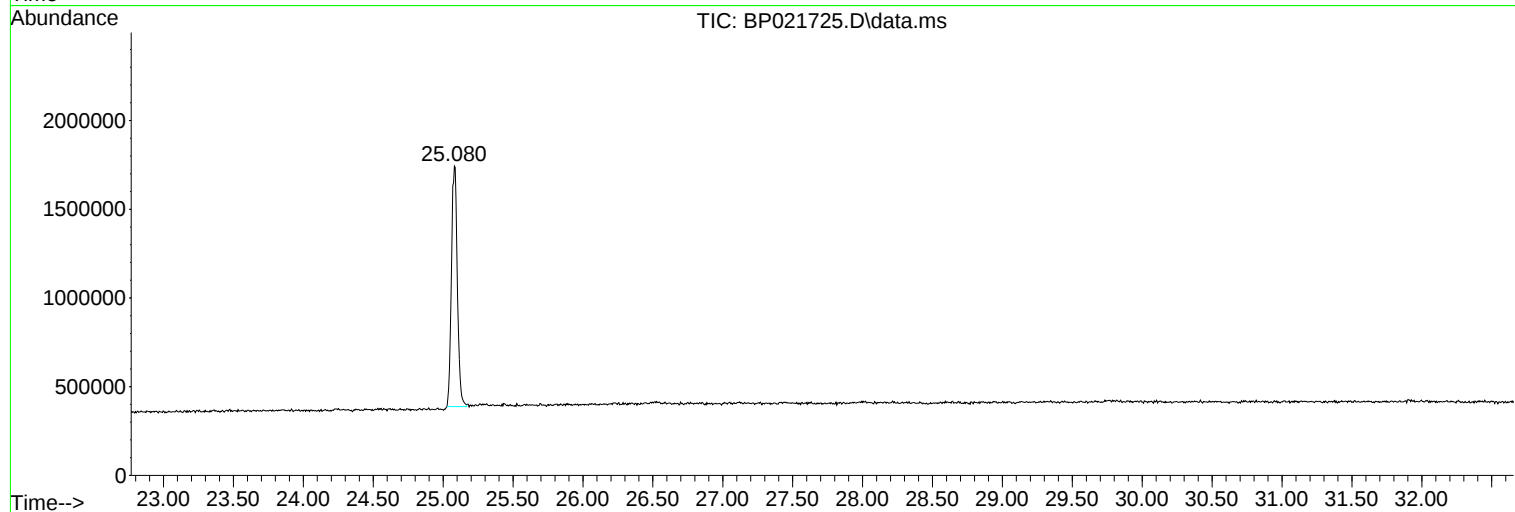
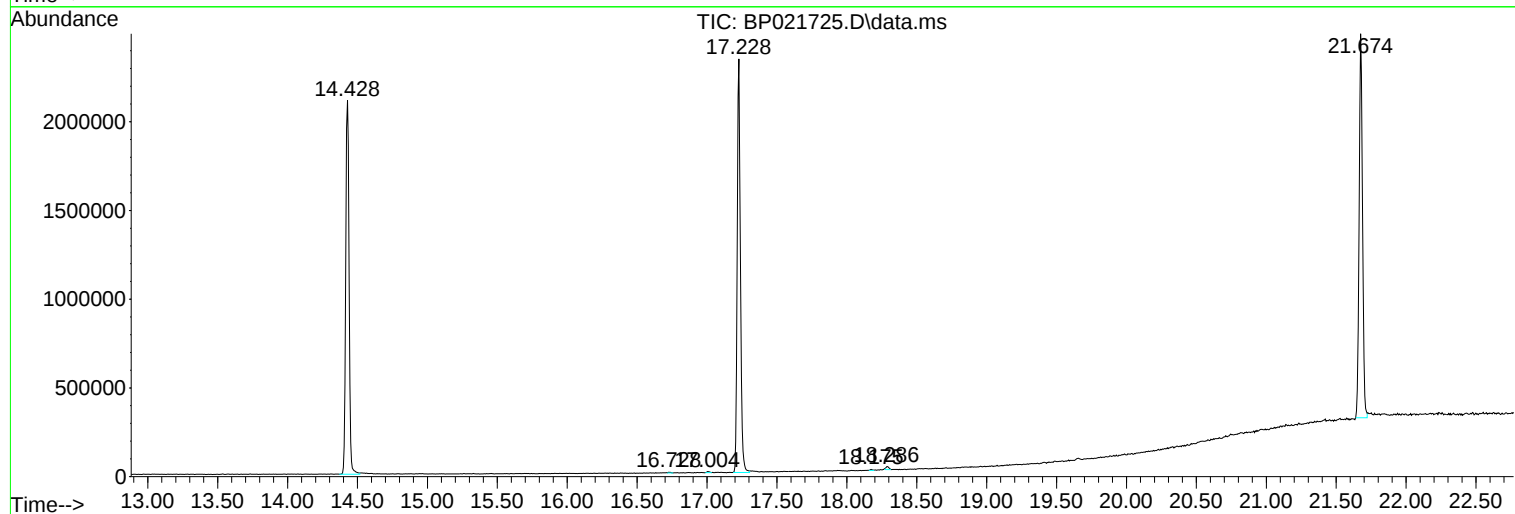
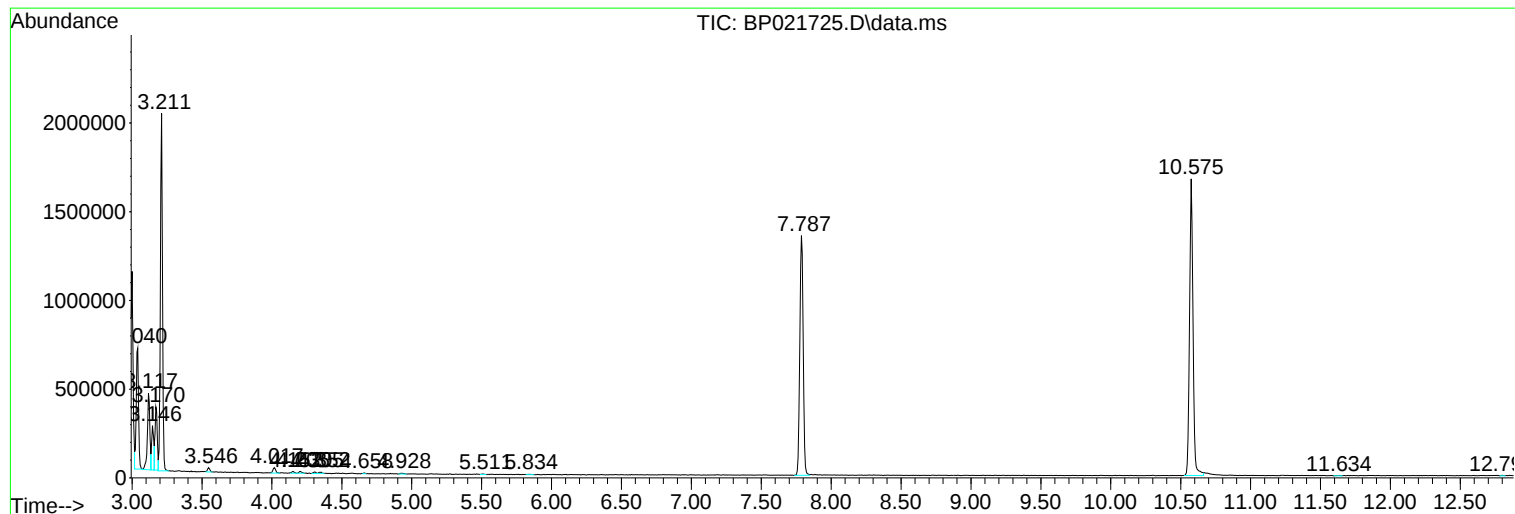
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ALS Vial : 12 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
SBLK933

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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



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ClientSampleId :  
SBLK933

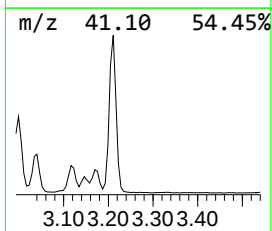
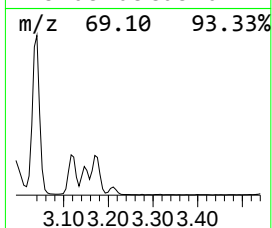
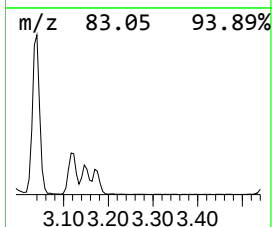
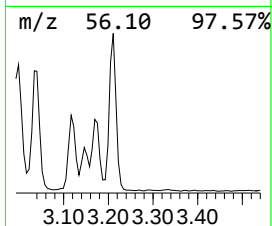
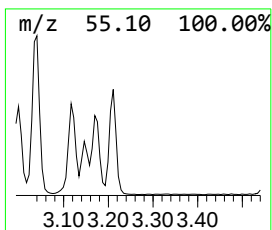
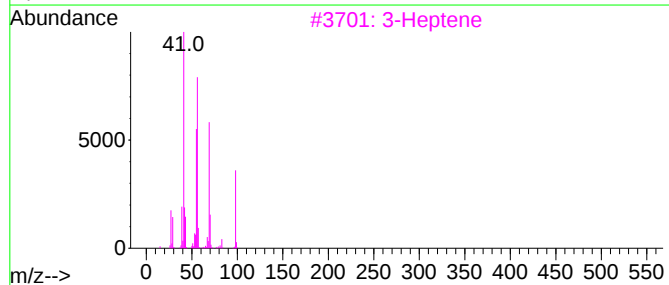
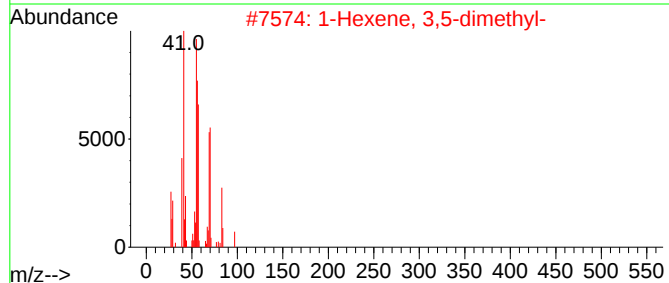
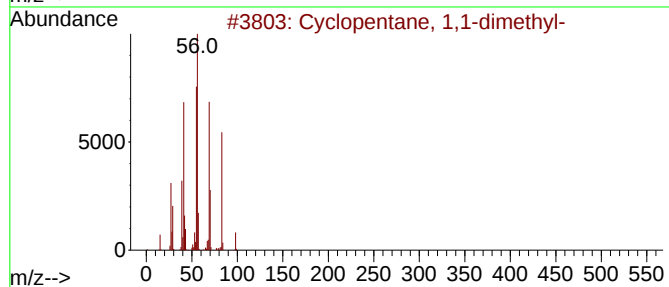
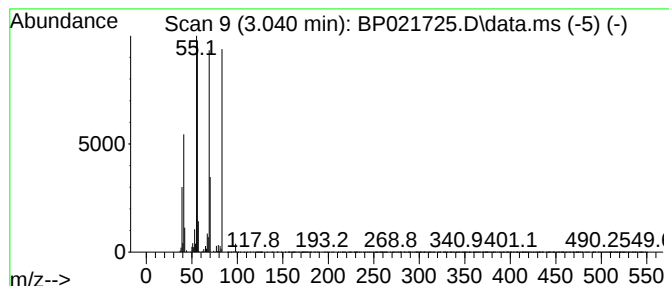
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 (DEL) Alkane: Cyclic3.040 Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.040 | 6.93 ng/ul | 797365 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopentane, 1,1-dimethyl-     | 98  | C7H14   | 001638-26-2 | 83   |
| 2    |    |   | 1-Hexene, 3,5-dimethyl-         | 112 | C8H16   | 007423-69-0 | 56   |
| 3    |    |   | 3-Heptene                       | 98  | C7H14   | 000592-78-9 | 52   |
| 4    |    |   | Cyclopentane, 1,1-dimethyl-     | 98  | C7H14   | 001638-26-2 | 38   |
| 5    |    |   | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16   | 016747-50-5 | 38   |



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Misc : GCMS confirmation  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK933

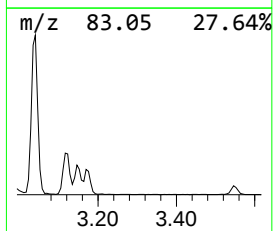
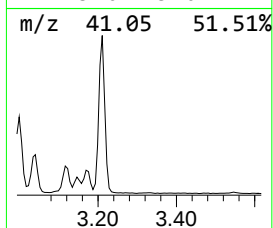
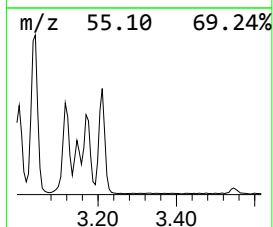
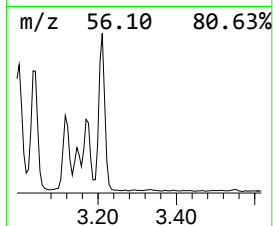
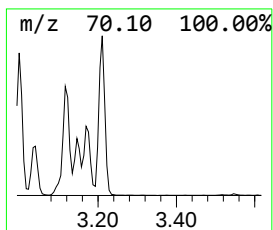
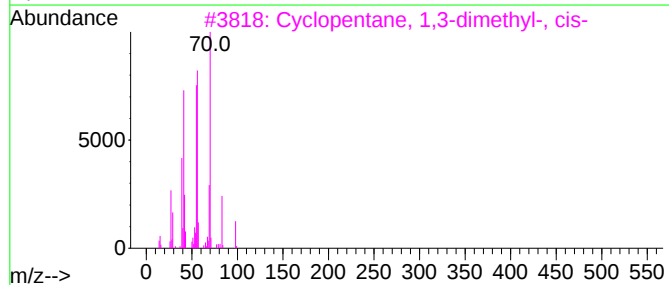
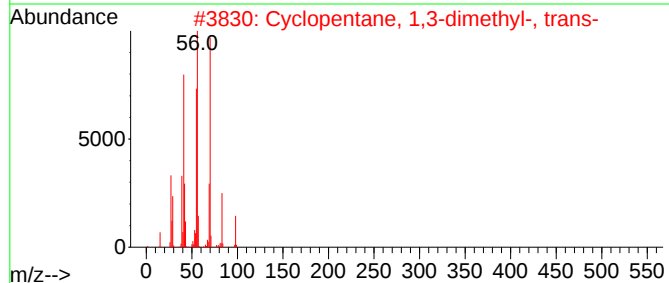
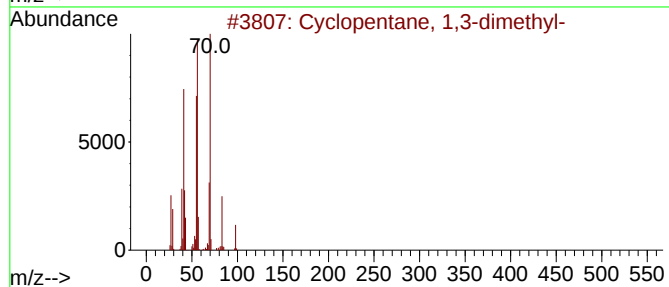
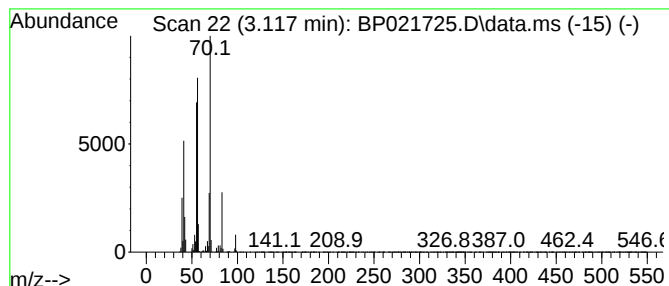
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (DEL) Alkane: Cyclic3.117 Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.117 | 4.62 ng/ul | 532003 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# | of 5 | Tentative ID                        | MW | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|----|---------|-------------|------|
| 1    |      | Cyclopentane, 1,3-dimethyl-         | 98 | C7H14   | 002453-00-1 | 95   |
| 2    |      | Cyclopentane, 1,3-dimethyl-, trans- | 98 | C7H14   | 001759-58-6 | 94   |
| 3    |      | Cyclopentane, 1,3-dimethyl-, cis-   | 98 | C7H14   | 002532-58-3 | 91   |
| 4    |      | Cyclopentane, 1,2-dimethyl-, cis-   | 98 | C7H14   | 001192-18-3 | 91   |
| 5    |      | Cyclopentane, 1,3-dimethyl-, cis-   | 98 | C7H14   | 002532-58-3 | 90   |



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Sample : PB162933BL  
Misc : GCMS confirmation  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK933

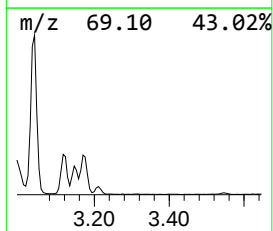
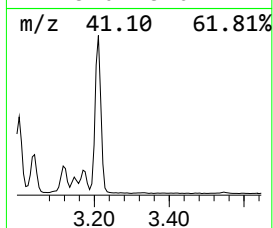
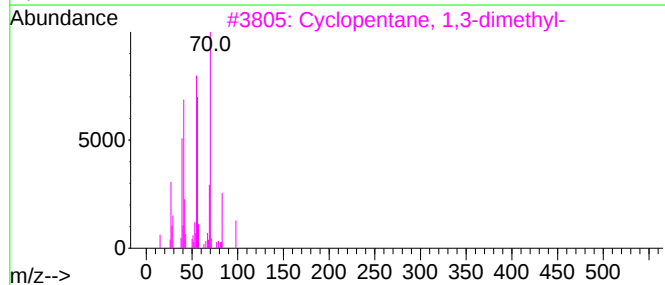
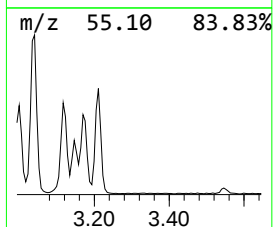
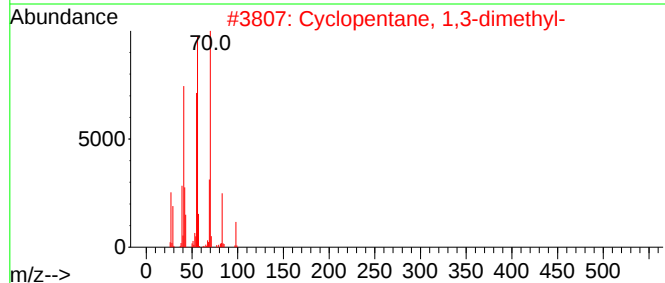
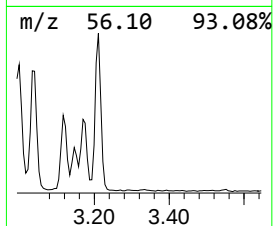
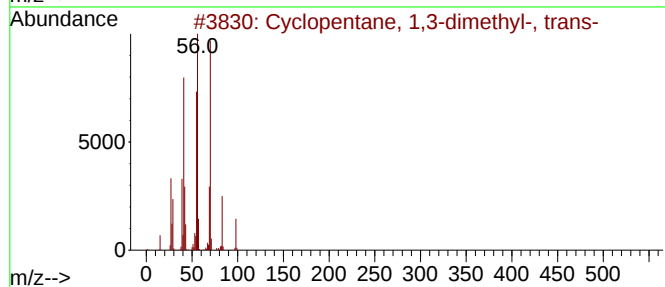
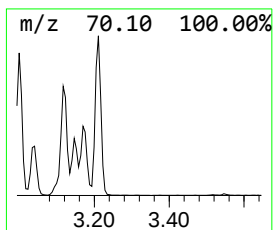
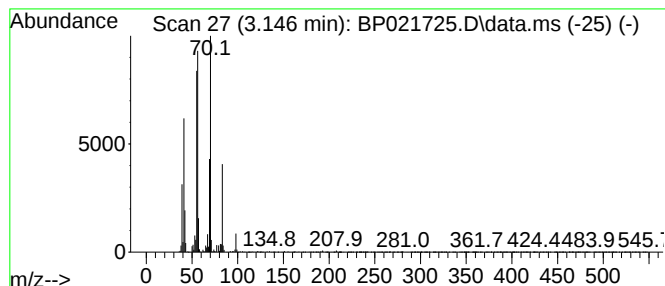
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Cyclic3.146 Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.146 | 2.29 ng/ul | 263026 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# | of 5 | Tentative ID                        | MW | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|----|---------|-------------|------|
| 1    |      | Cyclopentane, 1,3-dimethyl-, trans- | 98 | C7H14   | 001759-58-6 | 90   |
| 2    |      | Cyclopentane, 1,3-dimethyl-         | 98 | C7H14   | 002453-00-1 | 90   |
| 3    |      | Cyclopentane, 1,3-dimethyl-         | 98 | C7H14   | 002453-00-1 | 86   |
| 4    |      | Cyclopentane, 1,2-dimethyl-, cis-   | 98 | C7H14   | 001192-18-3 | 72   |
| 5    |      | Cyclopentane, 1,2-dimethyl-, cis-   | 98 | C7H14   | 001192-18-3 | 72   |



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Misc : GCMS confirmation  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK933

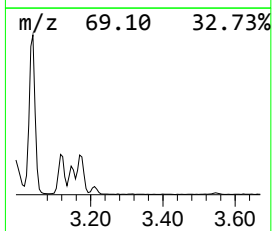
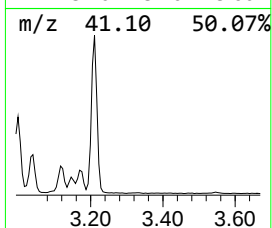
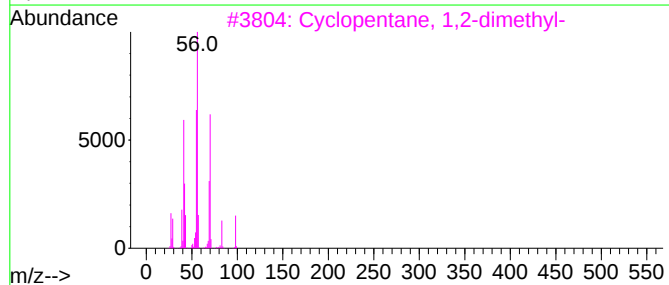
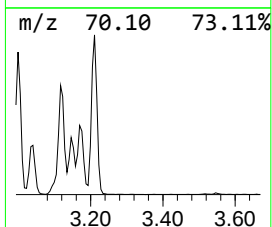
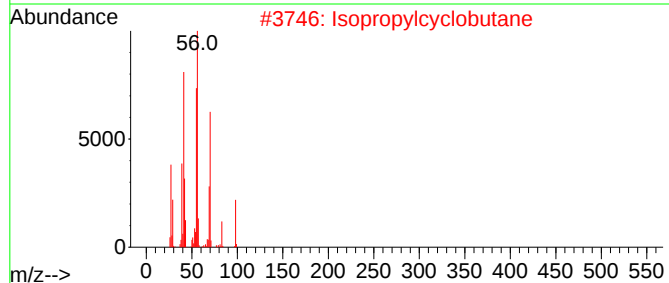
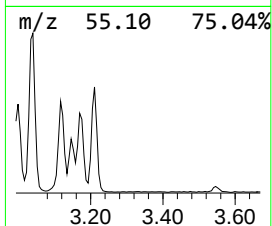
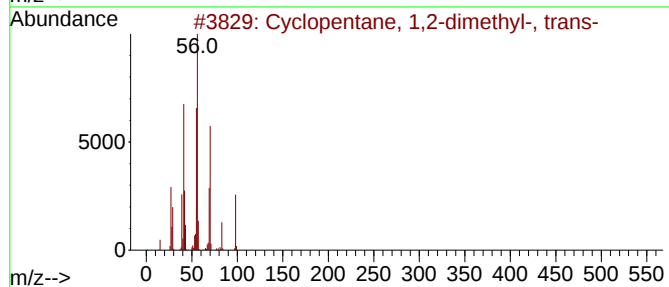
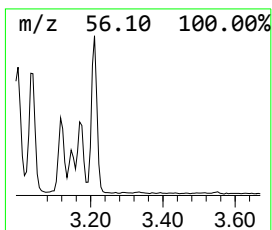
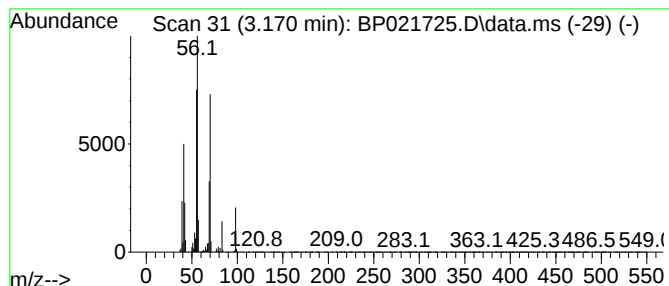
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Cyclic3.170 Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.170 | 3.42 ng/ul | 393416 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# | of | 5 | Tentative ID                        | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclopentane, 1,2-dimethyl-, trans- | 98 | C7H14   | 000822-50-4 | 94   |
| 2    |    |   | Isopropylcyclobutane                | 98 | C7H14   | 000872-56-0 | 94   |
| 3    |    |   | Cyclopentane, 1,2-dimethyl-         | 98 | C7H14   | 002452-99-5 | 91   |
| 4    |    |   | Cyclopentane, 1,2-dimethyl-, trans- | 98 | C7H14   | 000822-50-4 | 90   |
| 5    |    |   | Cyclopentane, 1,2-dimethyl-, cis-   | 98 | C7H14   | 001192-18-3 | 86   |



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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK933

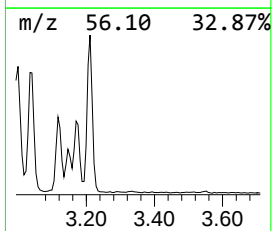
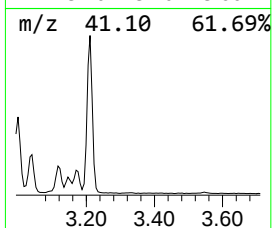
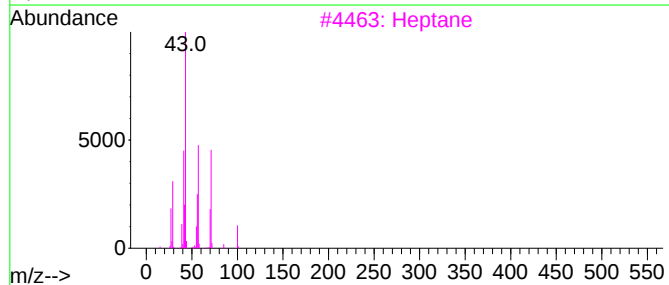
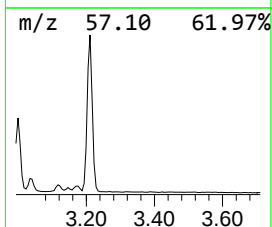
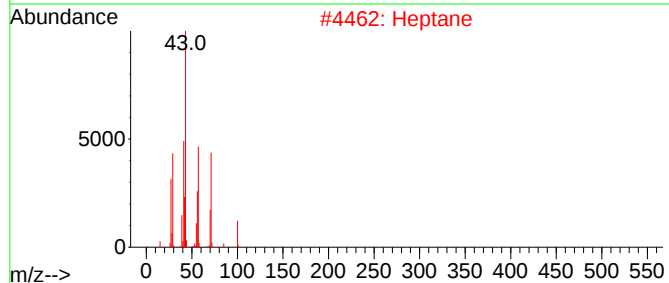
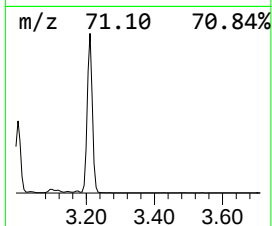
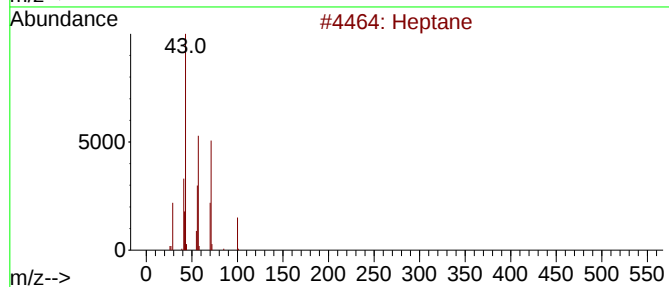
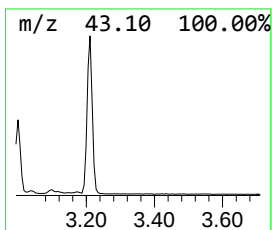
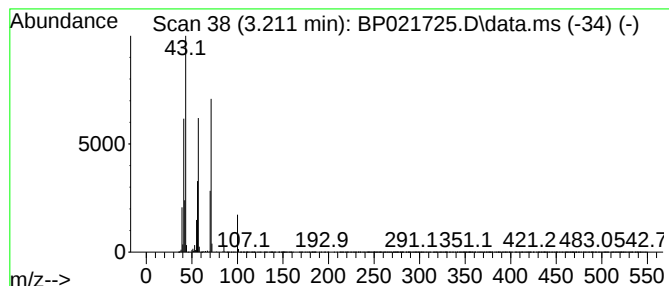
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.211 | 18.36 ng/ul | 2113560 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane            | 100 | C7H16   | 000142-82-5 | 91   |
| 2    |    |   | Heptane            | 100 | C7H16   | 000142-82-5 | 90   |
| 3    |    |   | Heptane            | 100 | C7H16   | 000142-82-5 | 87   |
| 4    |    |   | Heptane            | 100 | C7H16   | 000142-82-5 | 86   |
| 5    |    |   | Pentane, 2-methyl- | 86  | C6H14   | 000107-83-5 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021725.D  
Acq On : 29 Aug 2024 16:48  
Operator : RC/JU  
Sample : PB162933BL  
Misc : GCMS confirmation  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK933

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.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 |
| (DEL) Alkane: C... | 3.040 | 6.9     | ng/u1 | 797365   | 1                     | 7.787 | 2301820 | 20.0 |
| (DEL) Alkane: C... | 3.117 | 4.6     | ng/u1 | 532003   | 1                     | 7.787 | 2301820 | 20.0 |
| (DEL) Alkane: C... | 3.146 | 2.3     | ng/u1 | 263026   | 1                     | 7.787 | 2301820 | 20.0 |
| (DEL) Alkane: C... | 3.170 | 3.4     | ng/u1 | 393416   | 1                     | 7.787 | 2301820 | 20.0 |
| (DEL) Alkane: S... | 3.211 | 18.4    | ng/u1 | 2113560  | 1                     | 7.787 | 2301820 | 20.0 |