

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021722\  
 Data File : BN018636.D  
 Acq On : 17 Feb 2022 20:15  
 Operator : CG/JU  
 Sample : PB142648BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK648

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\_N\Methods\SFAM-EPA-BN021622.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN018636.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         | 3.034       | 5             | 8           | 15           | rVB      | 123102         | 142444        | 5.70%           | 1.031%        |
| 2         | 3.122       | 19            | 23          | 25           | rVV      | 31870          | 36641         | 1.47%           | 0.265%        |
| 3         | 3.152       | 25            | 28          | 30           | rVV2     | 15281          | 19047         | 0.76%           | 0.138%        |
| 4         | 3.175       | 30            | 32          | 35           | rVV      | 25167          | 22716         | 0.91%           | 0.164%        |
| 5         | 3.216       | 35            | 39          | 47           | rVB      | 1656270        | 1693092       | 67.78%          | 12.258%       |
| 6         | 3.340       | 57            | 60          | 64           | rVB      | 12465          | 14358         | 0.57%           | 0.104%        |
| 7         | 3.564       | 94            | 98          | 102          | rVB      | 46142          | 57535         | 2.30%           | 0.417%        |
| 8         | 4.052       | 176           | 181         | 188          | rVB      | 18032          | 24761         | 0.99%           | 0.179%        |
| 9         | 4.246       | 211           | 214         | 219          | rVB3     | 4022           | 5514          | 0.22%           | 0.040%        |
| 10        | 4.358       | 229           | 233         | 237          | rVB6     | 2491           | 3694          | 0.15%           | 0.027%        |
| 11        | 4.987       | 335           | 340         | 345          | rVB      | 16193          | 23265         | 0.93%           | 0.168%        |
| 12        | 6.540       | 599           | 604         | 611          | rBV2     | 9007           | 15785         | 0.63%           | 0.114%        |
| 13        | 6.687       | 625           | 629         | 635          | rBV3     | 6723           | 9910          | 0.40%           | 0.072%        |
| 14        | 6.993       | 678           | 681         | 689          | rVV5     | 2831           | 4228          | 0.17%           | 0.031%        |
| 15        | 7.916       | 831           | 838         | 849          | rBV      | 822576         | 1315085       | 52.65%          | 9.521%        |
| 16        | 10.722      | 1307          | 1315        | 1329         | rBV      | 1037896        | 1725402       | 69.07%          | 12.492%       |
| 17        | 13.287      | 1746          | 1751        | 1756         | rVB5     | 1729           | 2706          | 0.11%           | 0.020%        |
| 18        | 14.551      | 1959          | 1966        | 1976         | rBV      | 1457688        | 2182957       | 87.39%          | 15.804%       |
| 19        | 17.075      | 2391          | 2395        | 2398         | rBV2     | 4726           | 7102          | 0.28%           | 0.051%        |
| 20        | 17.286      | 2424          | 2431        | 2444         | rBV      | 1768730        | 2497943       | 100.00%         | 18.085%       |
| 21        | 17.380      | 2444          | 2447        | 2454         | rVB3     | 5417           | 9976          | 0.40%           | 0.072%        |
| 22        | 18.510      | 2635          | 2639        | 2642         | rBV5     | 1900           | 2558          | 0.10%           | 0.019%        |
| 23        | 19.004      | 2720          | 2723        | 2727         | rBV4     | 1906           | 3362          | 0.13%           | 0.024%        |
| 24        | 21.463      | 3136          | 3141        | 3149         | rBV      | 1717994        | 2148437       | 86.01%          | 15.554%       |
| 25        | 23.862      | 3541          | 3549        | 3564         | rVB2     | 926567         | 1844008       | 73.82%          | 13.350%       |

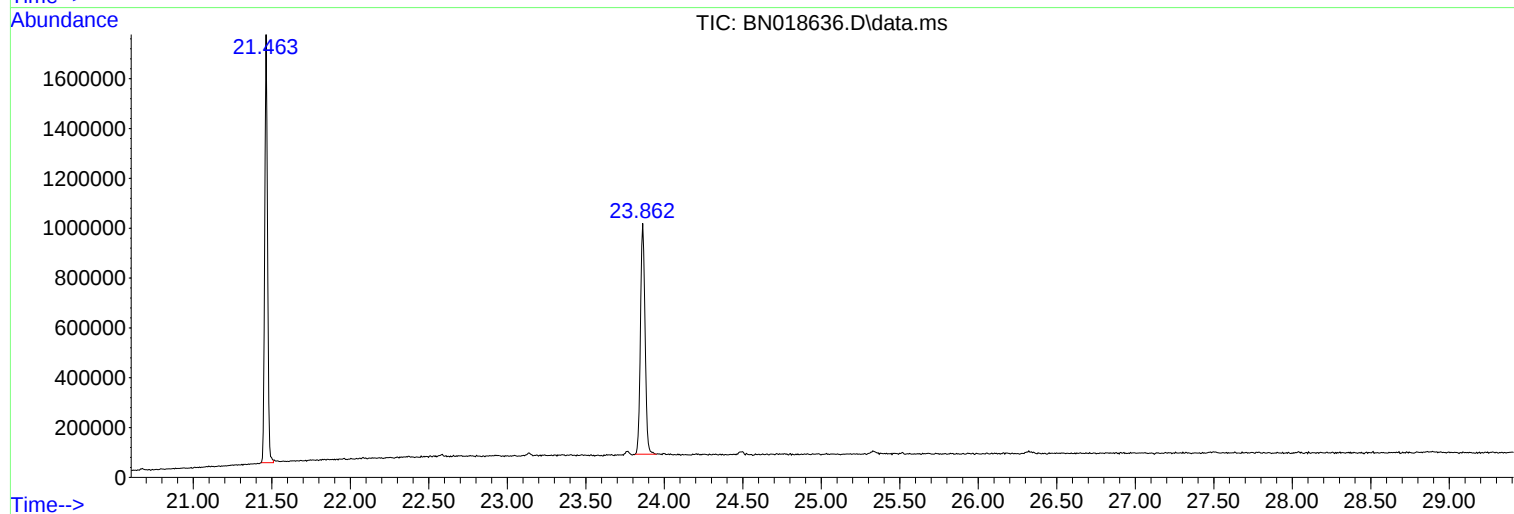
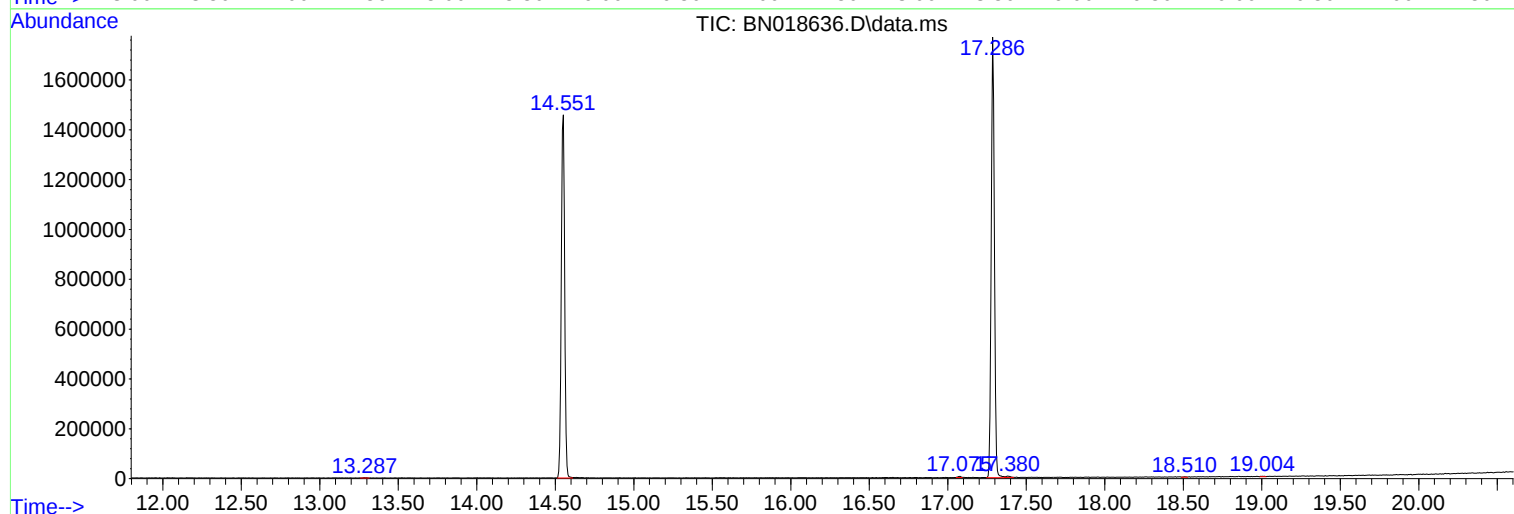
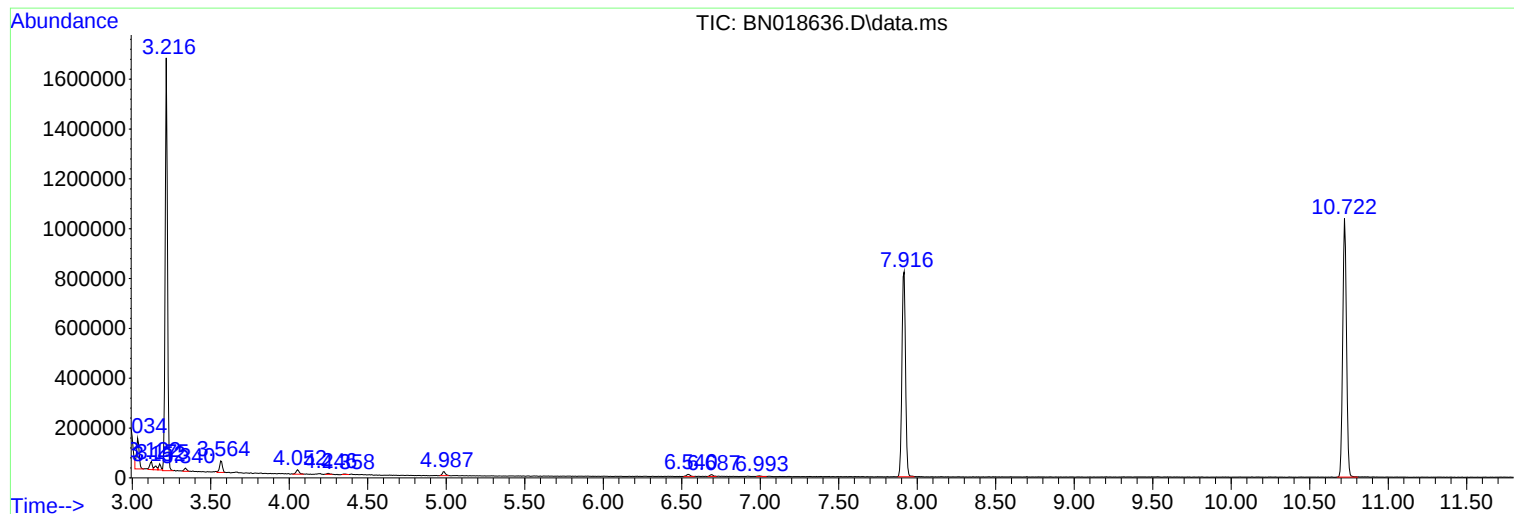
Sum of corrected areas: 13812526

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN021622.M  
Quant Title : SVOA CALIBRATION

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



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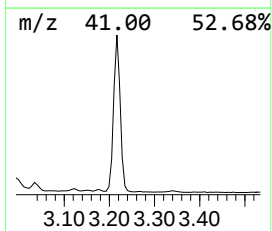
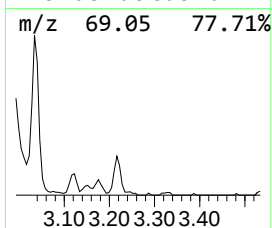
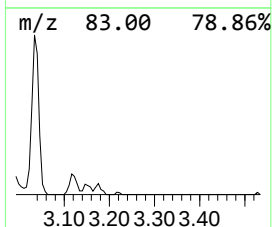
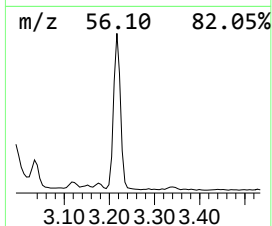
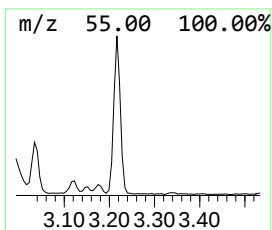
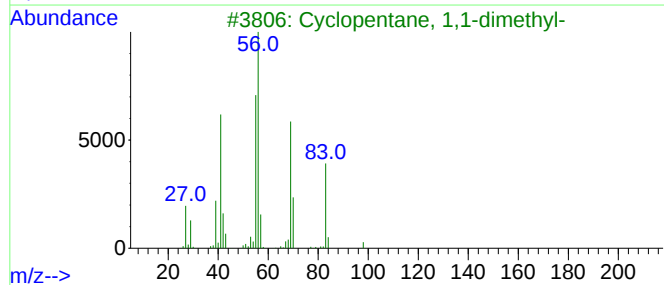
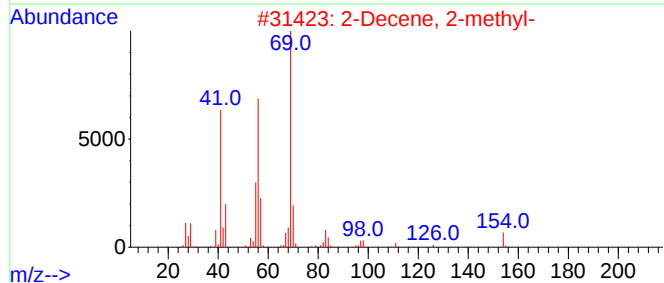
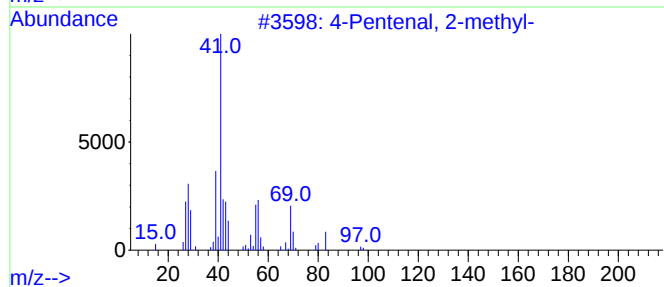
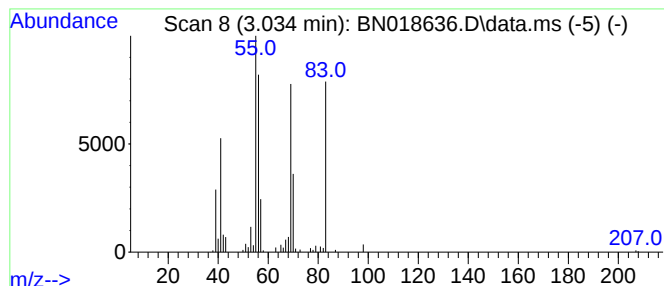
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Peak Number 1 4-Pentenal, 2-methyl- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.034 | 2.17 ng/ul | 142444 | 1,4-Dichlorobenzene-d4 | 7.916 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | 4-Pentenal, 2-methyl-       | 98  | C6H10O  | 005187-71-3 | 59   |
| 2    |    |   | 2-Decene, 2-methyl-         | 154 | C11H22  | 023381-92-2 | 47   |
| 3    |    |   | Cyclopentane, 1,1-dimethyl- | 98  | C7H14   | 001638-26-2 | 46   |
| 4    |    |   | 1-Hexene, 3-methyl-         | 98  | C7H14   | 003404-61-3 | 43   |
| 5    |    |   | 4-Nonene, 5-methyl-         | 140 | C10H20  | 015918-07-7 | 42   |



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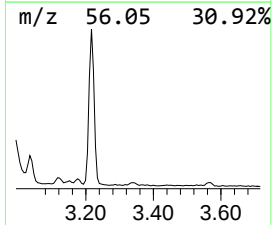
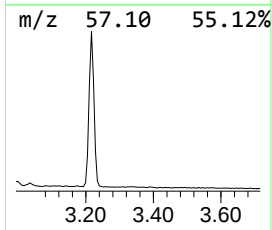
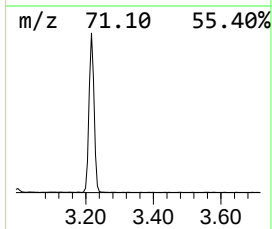
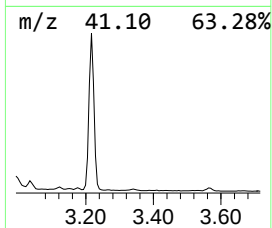
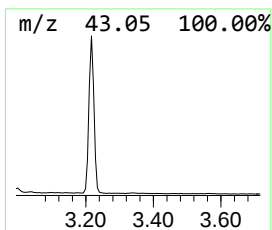
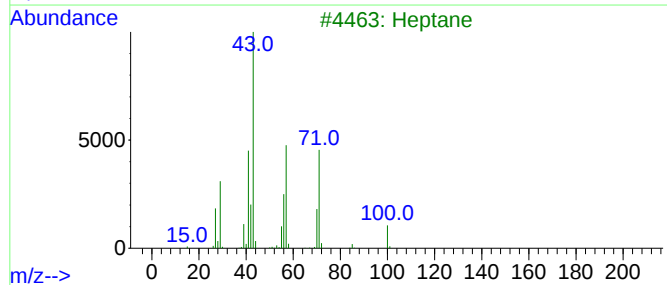
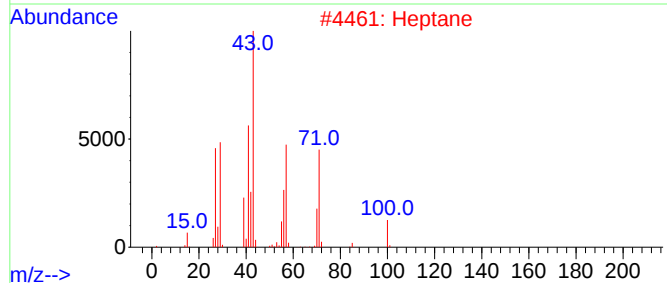
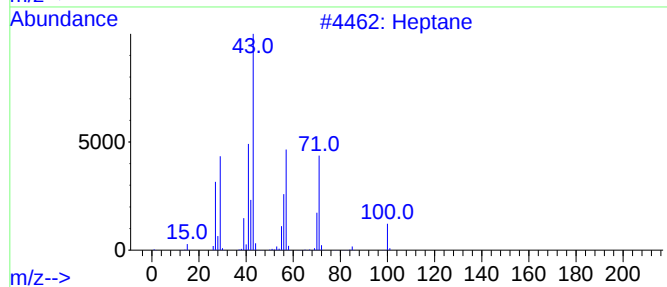
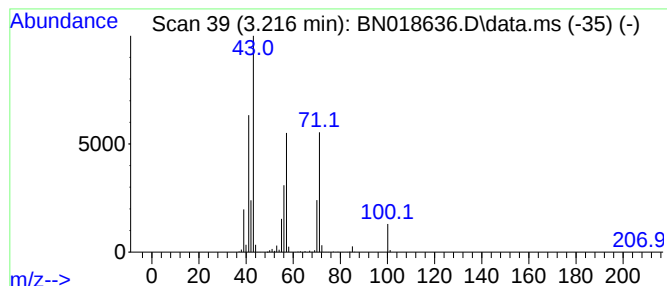
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.216 | 25.75 ng/ul | 1693090 | 1,4-Dichlorobenzene-d4 | 7.916 |

| Hit# | of                                 | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | Heptane                            |   |              | 100 | C7H16    | 000142-82-5  | 94   |
| 2    | Heptane                            |   |              | 100 | C7H16    | 000142-82-5  | 91   |
| 3    | Heptane                            |   |              | 100 | C7H16    | 000142-82-5  | 91   |
| 4    | Heptane                            |   |              | 100 | C7H16    | 000142-82-5  | 83   |
| 5    | Oxalic acid, isobutyl pentyl ester |   |              | 216 | C11H20O4 | 1000309-37-0 | 50   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| 4-Pentenal, 2-m... | 3.034 | 2.2     | ng/ul | 142444   | 1                     | 7.916 | 1315090 | 20.0 |
| (DEL) Alkane: S... | 3.216 | 25.8    | ng/ul | 1693090  | 1                     | 7.916 | 1315090 | 20.0 |