

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122721\  
 Data File : BP008549.D  
 Acq On : 27 Dec 2021 11:20  
 Operator : CG/JU  
 Sample : M5201-08  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 P048-TW001-01

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-BP122321.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP008549.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         | 3.022       | 3             | 6           | 15           | rVB      | 1497934        | 2099139       | 19.29%          | 2.121%        |
| 2         | 3.099       | 15            | 19          | 36           | rVB      | 487758         | 717968        | 6.60%           | 0.725%        |
| 3         | 3.328       | 55            | 58          | 60           | rBV2     | 53147          | 72739         | 0.67%           | 0.073%        |
| 4         | 3.352       | 60            | 62          | 73           | rVB      | 119404         | 158096        | 1.45%           | 0.160%        |
| 5         | 3.769       | 130           | 133         | 144          | rVB      | 103555         | 157223        | 1.44%           | 0.159%        |
| 6         | 4.105       | 186           | 190         | 194          | rVB2     | 26415          | 40573         | 0.37%           | 0.041%        |
| 7         | 5.016       | 342           | 345         | 353          | rVB2     | 21566          | 34603         | 0.32%           | 0.035%        |
| 8         | 6.887       | 658           | 663         | 666          | rBV4     | 9767           | 16902         | 0.16%           | 0.017%        |
| 9         | 7.063       | 686           | 693         | 704          | rBV      | 379988         | 699405        | 6.43%           | 0.707%        |
| 10        | 7.234       | 715           | 722         | 733          | rBV      | 1381944        | 2300614       | 21.14%          | 2.324%        |
| 11        | 7.440       | 750           | 757         | 767          | rBV      | 1448600        | 2309944       | 21.23%          | 2.334%        |
| 12        | 7.910       | 829           | 837         | 845          | rBV      | 1479296        | 2389093       | 21.95%          | 2.414%        |
| 13        | 7.981       | 845           | 849         | 853          | rVB4     | 9363           | 13012         | 0.12%           | 0.013%        |
| 14        | 8.157       | 873           | 879         | 887          | rVB10    | 6752           | 16882         | 0.16%           | 0.017%        |
| 15        | 8.469       | 927           | 932         | 938          | rVB10    | 8206           | 14773         | 0.14%           | 0.015%        |
| 16        | 8.610       | 949           | 956         | 969          | rBV      | 1126353        | 1777816       | 16.34%          | 1.796%        |
| 17        | 9.063       | 1025          | 1033        | 1045         | rBV      | 1575559        | 2586461       | 23.77%          | 2.613%        |
| 18        | 9.181       | 1048          | 1053        | 1059         | rVV4     | 14784          | 26292         | 0.24%           | 0.027%        |
| 19        | 9.534       | 1108          | 1113        | 1121         | rVB      | 32727          | 58483         | 0.54%           | 0.059%        |
| 20        | 9.787       | 1147          | 1156        | 1172         | rBV      | 1006887        | 1688429       | 15.52%          | 1.706%        |
| 21        | 9.916       | 1172          | 1178        | 1182         | rVV3     | 11049          | 18709         | 0.17%           | 0.019%        |
| 22        | 10.016      | 1190          | 1195        | 1200         | rBV2     | 22174          | 32304         | 0.30%           | 0.033%        |
| 23        | 10.328      | 1239          | 1248        | 1267         | rBV      | 1951803        | 3239039       | 29.77%          | 3.273%        |
| 24        | 10.498      | 1270          | 1277        | 1285         | rVB7     | 13237          | 28195         | 0.26%           | 0.028%        |
| 25        | 10.710      | 1305          | 1313        | 1321         | rBV      | 1889479        | 3276197       | 30.11%          | 3.310%        |
| 26        | 10.840      | 1327          | 1335        | 1343         | rBV      | 617494         | 1047221       | 9.62%           | 1.058%        |
| 27        | 11.498      | 1443          | 1447        | 1454         | rBV2     | 30438          | 50254         | 0.46%           | 0.051%        |
| 28        | 12.151      | 1552          | 1558        | 1564         | rBV2     | 20450          | 33421         | 0.31%           | 0.034%        |
| 29        | 12.298      | 1576          | 1583        | 1591         | rVB2     | 45273          | 75678         | 0.70%           | 0.076%        |
| 30        | 12.963      | 1691          | 1696        | 1700         | rVB4     | 9473           | 14055         | 0.13%           | 0.014%        |
| 31        | 13.051      | 1705          | 1711        | 1717         | rBV8     | 9169           | 18898         | 0.17%           | 0.019%        |
| 32        | 13.104      | 1717          | 1720        | 1725         | rVV5     | 8013           | 11522         | 0.11%           | 0.012%        |
| 33        | 13.163      | 1725          | 1730        | 1736         | rVB5     | 12885          | 19984         | 0.18%           | 0.020%        |
| 34        | 13.386      | 1763          | 1768        | 1774         | rBV      | 59344          | 77085         | 0.71%           | 0.078%        |
| 35        | 13.451      | 1774          | 1779        | 1785         | rVV5     | 21453          | 36304         | 0.33%           | 0.037%        |
| 36        | 13.510      | 1785          | 1789        | 1796         | rVB6     | 10094          | 15814         | 0.15%           | 0.016%        |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 P048-TW001-01

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-BP122321.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 13.945 | 1856 | 1863 | 1870 | rBV   | 3609023 | 5064218 | 46.54% | 5.117% |
| 38 | 14.086 | 1884 | 1887 | 1893 | rVB6  | 11537   | 16673   | 0.15%  | 0.017% |
| 39 | 14.233 | 1898 | 1912 | 1920 | rBV   | 4274488 | 6590441 | 60.56% | 6.659% |
| 40 | 14.457 | 1946 | 1950 | 1956 | rVB4  | 21483   | 28645   | 0.26%  | 0.029% |
| 41 | 14.539 | 1956 | 1964 | 1975 | rBV   | 2885116 | 4228990 | 38.86% | 4.273% |
| 42 | 14.716 | 1984 | 1994 | 2002 | rBV   | 246444  | 392905  | 3.61%  | 0.397% |
| 43 | 14.957 | 2032 | 2035 | 2042 | rVB8  | 12044   | 18441   | 0.17%  | 0.019% |
| 44 | 15.180 | 2069 | 2073 | 2079 | rVB5  | 9754    | 18021   | 0.17%  | 0.018% |
| 45 | 15.357 | 2099 | 2103 | 2109 | rBV2  | 40272   | 54988   | 0.51%  | 0.056% |
| 46 | 15.410 | 2109 | 2112 | 2115 | rVB2  | 11867   | 13322   | 0.12%  | 0.013% |
| 47 | 15.533 | 2125 | 2133 | 2143 | rBV   | 5705501 | 8230892 | 75.64% | 8.316% |
| 48 | 15.639 | 2144 | 2151 | 2161 | rBV   | 883541  | 1257206 | 11.55% | 1.270% |
| 49 | 15.769 | 2169 | 2173 | 2180 | rBV2  | 22577   | 34922   | 0.32%  | 0.035% |
| 50 | 15.898 | 2191 | 2195 | 2200 | rVB5  | 14065   | 22394   | 0.21%  | 0.023% |
| 51 | 15.963 | 2200 | 2206 | 2212 | rBV5  | 10242   | 18016   | 0.17%  | 0.018% |
| 52 | 16.051 | 2217 | 2221 | 2225 | rBV5  | 9846    | 11376   | 0.10%  | 0.011% |
| 53 | 16.092 | 2225 | 2228 | 2236 | rVB8  | 16542   | 25441   | 0.23%  | 0.026% |
| 54 | 16.186 | 2239 | 2244 | 2246 | rBV6  | 13721   | 22830   | 0.21%  | 0.023% |
| 55 | 16.222 | 2247 | 2250 | 2254 | rVB5  | 13167   | 15298   | 0.14%  | 0.015% |
| 56 | 16.433 | 2283 | 2286 | 2294 | rBV6  | 18200   | 33558   | 0.31%  | 0.034% |
| 57 | 16.539 | 2301 | 2304 | 2310 | rVB4  | 12335   | 16713   | 0.15%  | 0.017% |
| 58 | 16.698 | 2326 | 2331 | 2334 | rVB7  | 11000   | 18260   | 0.17%  | 0.018% |
| 59 | 16.769 | 2339 | 2343 | 2350 | rBV10 | 14304   | 23704   | 0.22%  | 0.024% |
| 60 | 17.069 | 2387 | 2394 | 2400 | rBV3  | 27458   | 55616   | 0.51%  | 0.056% |
| 61 | 17.222 | 2416 | 2420 | 2424 | rBV4  | 37751   | 52651   | 0.48%  | 0.053% |
| 62 | 17.286 | 2425 | 2431 | 2441 | rVV   | 3290742 | 4525816 | 41.59% | 4.573% |
| 63 | 17.386 | 2441 | 2448 | 2469 | rVV   | 6429525 | 9119748 | 83.81% | 9.214% |
| 64 | 17.586 | 2477 | 2482 | 2488 | rBV   | 61474   | 100664  | 0.93%  | 0.102% |
| 65 | 17.686 | 2495 | 2499 | 2503 | rVB2  | 46768   | 58678   | 0.54%  | 0.059% |
| 66 | 17.974 | 2543 | 2548 | 2553 | rVB   | 288058  | 347964  | 3.20%  | 0.352% |
| 67 | 18.180 | 2579 | 2583 | 2590 | rBV2  | 93137   | 129267  | 1.19%  | 0.131% |
| 68 | 18.251 | 2590 | 2595 | 2600 | rVB   | 127671  | 161993  | 1.49%  | 0.164% |
| 69 | 18.480 | 2631 | 2634 | 2638 | rBV5  | 15732   | 20903   | 0.19%  | 0.021% |
| 70 | 18.604 | 2651 | 2655 | 2659 | rBV   | 75049   | 96706   | 0.89%  | 0.098% |
| 71 | 18.769 | 2680 | 2683 | 2687 | rBV6  | 16866   | 21912   | 0.20%  | 0.022% |
| 72 | 18.933 | 2707 | 2711 | 2714 | rBV2  | 24667   | 39166   | 0.36%  | 0.040% |
| 73 | 19.016 | 2721 | 2725 | 2730 | rBV2  | 38864   | 55670   | 0.51%  | 0.056% |
| 74 | 19.104 | 2732 | 2740 | 2744 | rBV   | 749291  | 912368  | 8.38%  | 0.922% |
| 75 | 19.192 | 2752 | 2755 | 2758 | rBV2  | 78547   | 104783  | 0.96%  | 0.106% |
| 76 | 19.227 | 2758 | 2761 | 2764 | rVV   | 139890  | 173214  | 1.59%  | 0.175% |

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Sample : M5201-08  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
P048-TW001-01

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-BP122321.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 77 | 19.263 | 2764 | 2767 | 2770 | rVB  | 73458   | 89732    | 0.82%   | 0.091%  |
| 78 | 19.410 | 2789 | 2792 | 2796 | rBV2 | 60087   | 70721    | 0.65%   | 0.071%  |
| 79 | 19.545 | 2812 | 2815 | 2821 | rBV3 | 20775   | 32811    | 0.30%   | 0.033%  |
| 80 | 19.616 | 2821 | 2827 | 2837 | rBV  | 7552083 | 10213736 | 93.86%  | 10.319% |
| 81 | 20.780 | 3022 | 3025 | 3028 | rBV2 | 55639   | 63266    | 0.58%   | 0.064%  |
| 82 | 21.092 | 3075 | 3078 | 3083 | rBV3 | 82020   | 123519   | 1.14%   | 0.125%  |
| 83 | 21.151 | 3084 | 3088 | 3094 | rVV  | 180392  | 241285   | 2.22%   | 0.244%  |
| 84 | 21.368 | 3120 | 3125 | 3133 | rVB  | 3787040 | 4675762  | 42.97%  | 4.724%  |
| 85 | 23.645 | 3504 | 3512 | 3523 | rBV2 | 5546854 | 10881822 | 100.00% | 10.994% |
| 86 | 23.804 | 3532 | 3539 | 3550 | rVB2 | 2557478 | 5276343  | 48.49%  | 5.331%  |

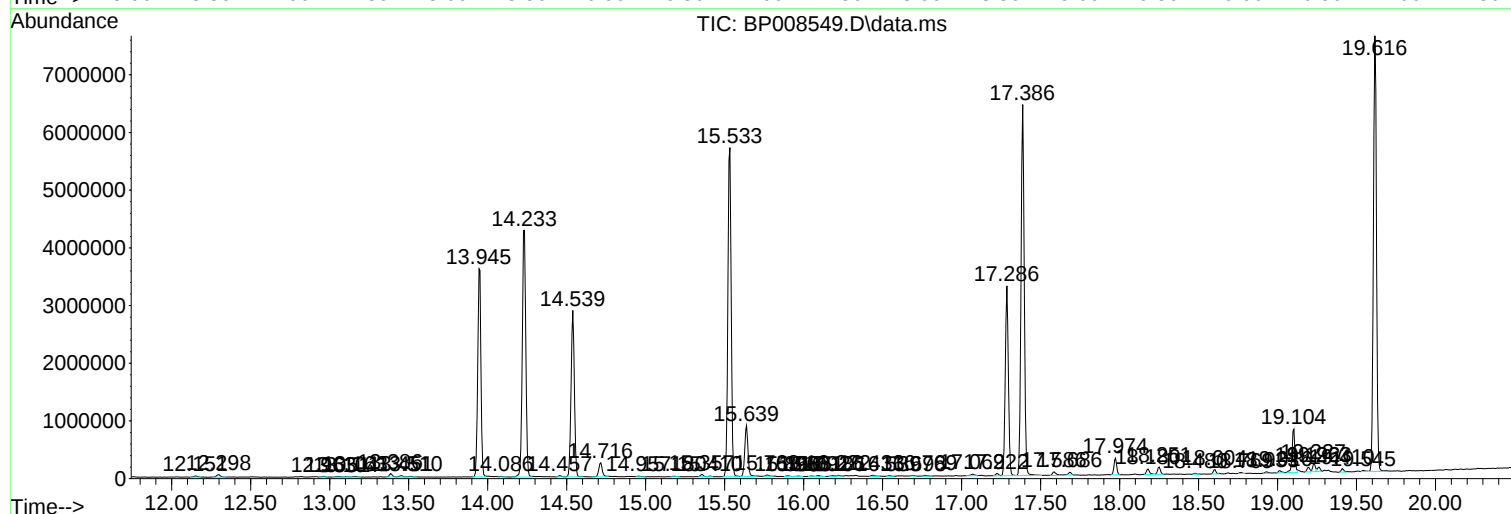
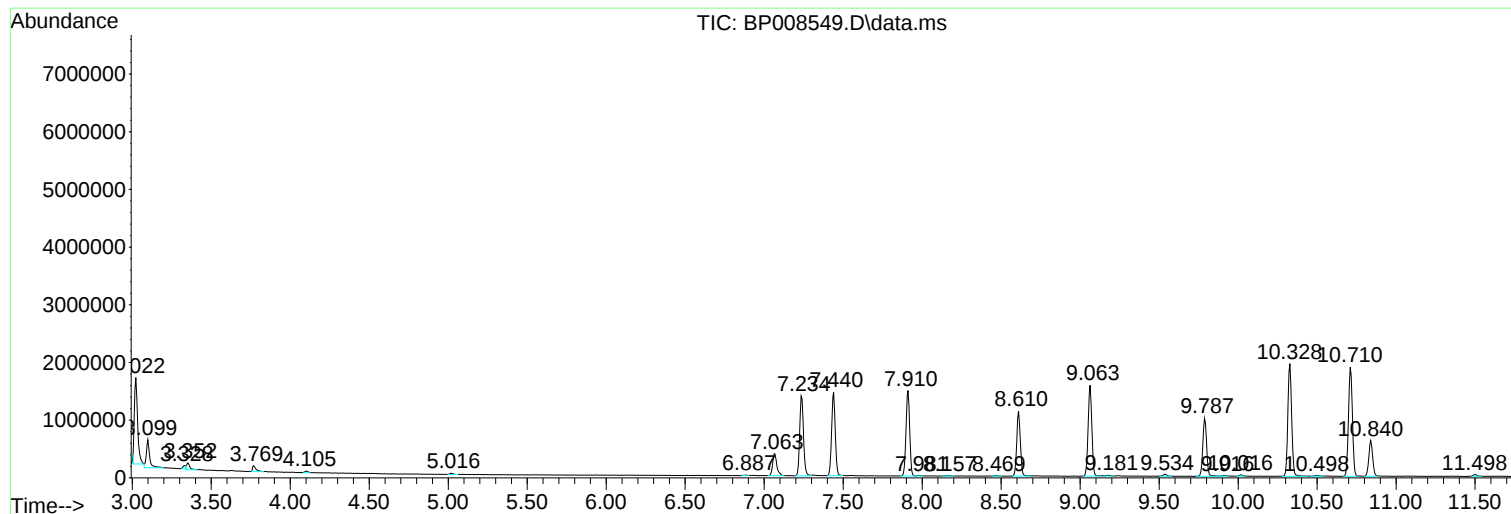
Sum of corrected areas: 98976497

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122721\  
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Sample : M5201-08  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
Quant Title : SVOA CALIBRATION

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



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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
P048-TW001-01

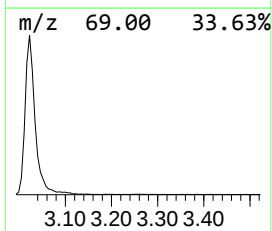
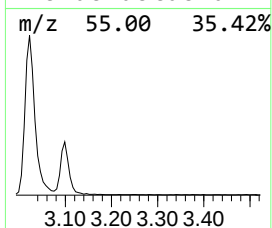
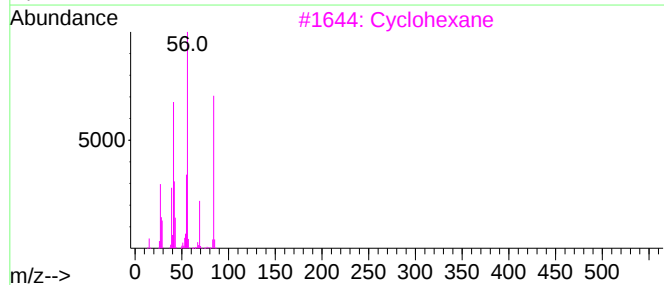
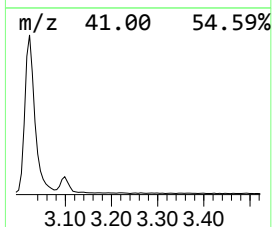
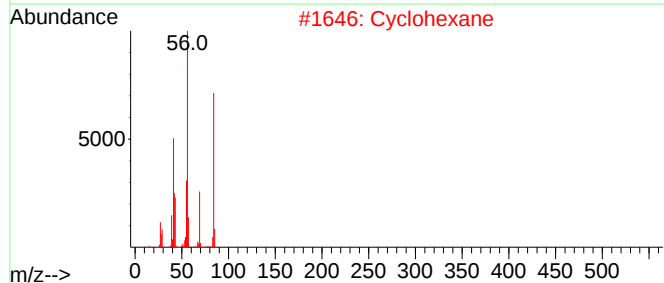
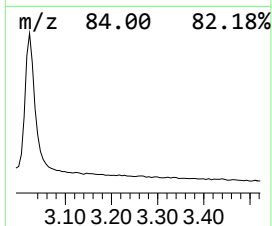
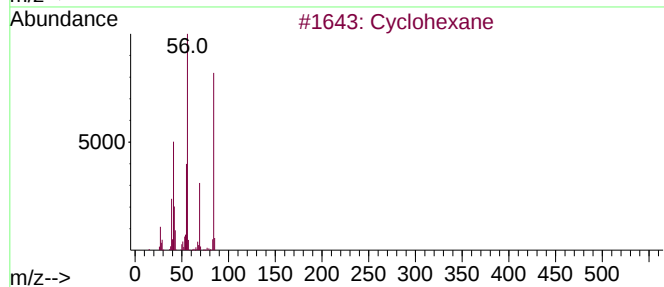
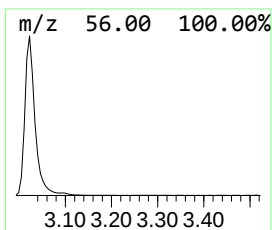
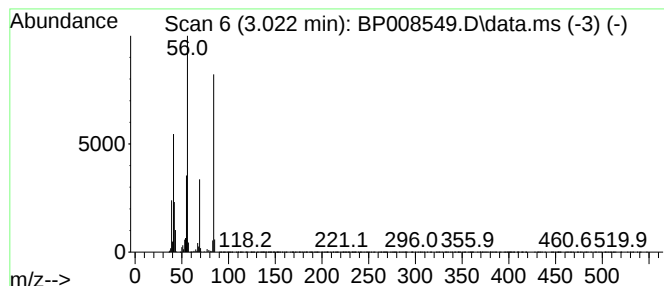
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Cyclic3.022 Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.022 | 17.57 ng/ul | 2099140 | 1,4-Dichlorobenzene-d4 | 7.910 |

| Hit# | of 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|------|-----------------------|----|---------|-------------|------|
| 1    |      | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 95   |
| 2    |      | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 91   |
| 3    |      | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 91   |
| 4    |      | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 91   |
| 5    |      | Cyclopentane, methyl- | 84 | C6H12   | 000096-37-7 | 83   |



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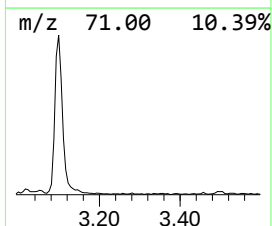
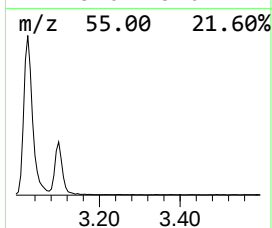
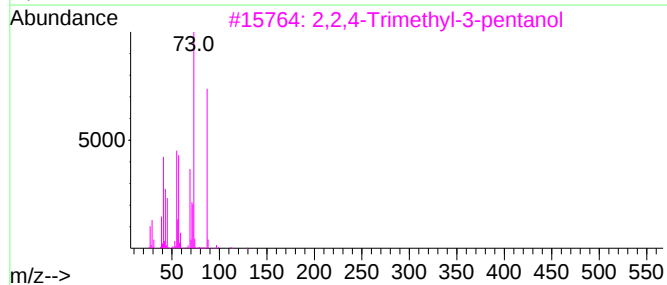
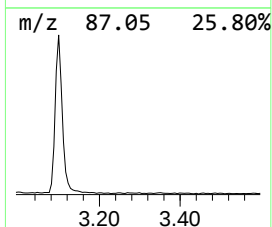
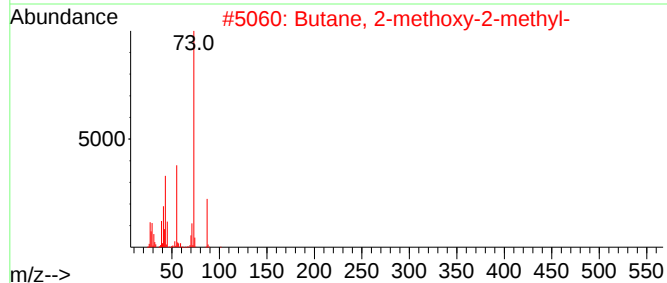
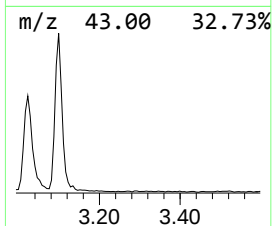
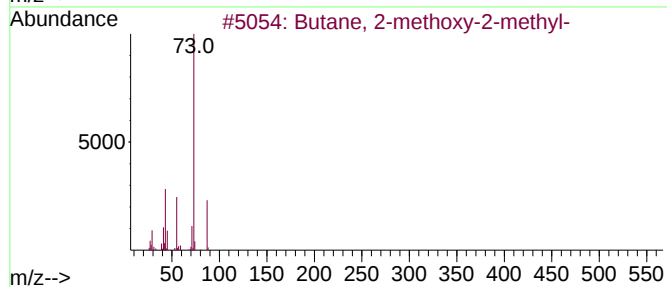
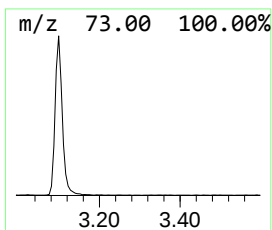
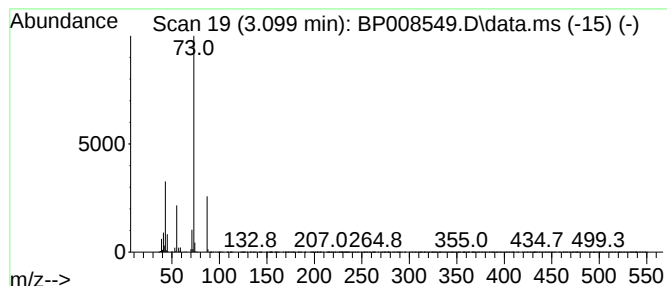
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.099 | 6.01 ng/ul | 717968 | 1,4-Dichlorobenzene-d4 | 7.910 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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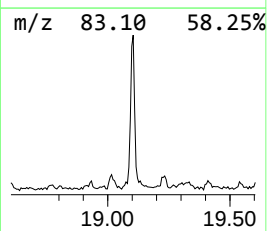
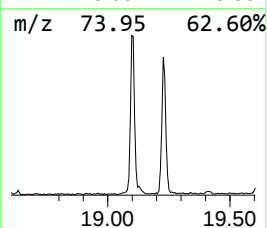
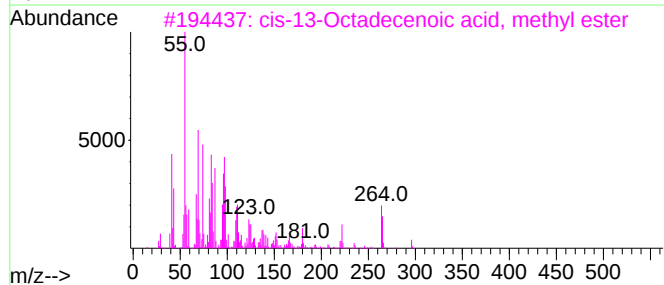
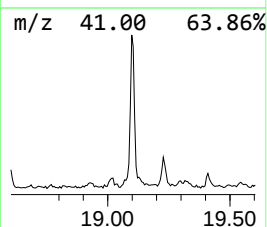
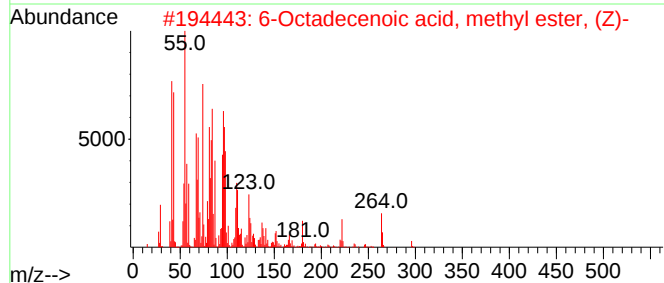
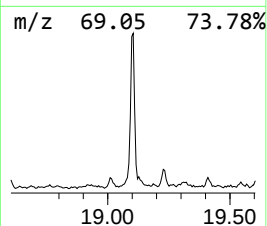
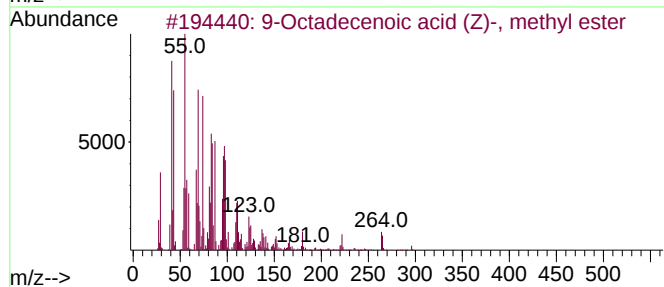
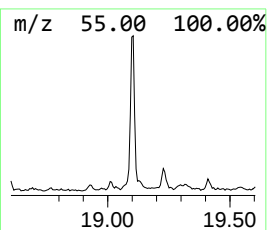
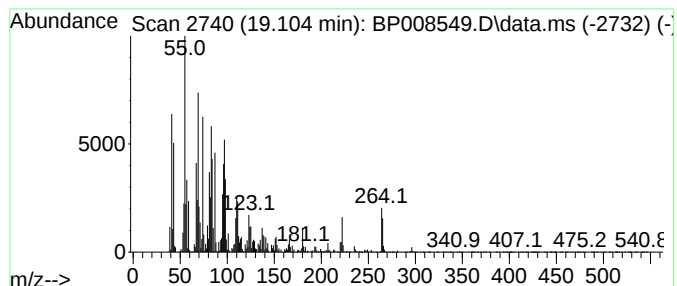
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 19.104    | 4.03 ng/ul                          | 912368 | Phenanthrene-d10 | 17.286       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 9-Octadecenoic acid (Z)-, methyl... | 296    | C19H36O2         | 000112-62-9  | 99   |
| 2         | 6-Octadecenoic acid, methyl este... | 296    | C19H36O2         | 002777-58-4  | 99   |
| 3         | cis-13-Octadecenoic acid, methyl... | 296    | C19H36O2         | 1010333-58-3 | 99   |
| 4         | 10-Octadecenoic acid, methyl ester  | 296    | C19H36O2         | 013481-95-3  | 99   |
| 5         | 9-Octadecenoic acid, methyl este... | 296    | C19H36O2         | 001937-62-8  | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122721\  
Data File : BP008549.D  
Acq On : 27 Dec 2021 11:20  
Operator : CG/JU  
Sample : M5201-08  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
P048-TW001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| (DEL) Alkane: C... | 3.022  | 17.6    | ng/ul | 2099140  | 1                     | 7.910  | 2389090 | 20.0 |
| Butane, 2-metho... | 3.099  | 6.0     | ng/ul | 717968   | 1                     | 7.910  | 2389090 | 20.0 |
| 9-Octadecenoic ... | 19.104 | 4.0     | ng/ul | 912368   | 4                     | 17.286 | 4525820 | 20.0 |