

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
 Data File : BP018870.D  
 Acq On : 15 Dec 2023 07:08  
 Operator : MA/JU  
 Sample : 05627-16  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLC8

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-BP120123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018870.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         | 3.222       | 20            | 23          | 26           | rBV2     | 23786          | 30954         | 0.19%           | 0.043%        |
| 2         | 3.258       | 26            | 29          | 37           | rVB      | 55176          | 73051         | 0.44%           | 0.102%        |
| 3         | 3.358       | 43            | 46          | 52           | rVB4     | 16834          | 23809         | 0.14%           | 0.033%        |
| 4         | 3.605       | 86            | 88          | 94           | rVB4     | 13604          | 18338         | 0.11%           | 0.026%        |
| 5         | 3.681       | 97            | 101         | 112          | rBV      | 174758         | 283201        | 1.71%           | 0.394%        |
| 6         | 3.911       | 137           | 140         | 146          | rVB2     | 22421          | 32131         | 0.19%           | 0.045%        |
| 7         | 4.005       | 153           | 156         | 162          | rVB      | 21026          | 27449         | 0.17%           | 0.038%        |
| 8         | 4.928       | 310           | 313         | 325          | rVB7     | 13382          | 26478         | 0.16%           | 0.037%        |
| 9         | 5.334       | 377           | 382         | 387          | rVB      | 53441          | 77141         | 0.46%           | 0.107%        |
| 10        | 5.469       | 399           | 405         | 413          | rBV      | 100576         | 229251        | 1.38%           | 0.319%        |
| 11        | 5.840       | 461           | 468         | 472          | rBV      | 103381         | 158383        | 0.95%           | 0.221%        |
| 12        | 5.916       | 477           | 481         | 488          | rVB      | 18180          | 27616         | 0.17%           | 0.038%        |
| 13        | 6.510       | 576           | 582         | 587          | rBV      | 38762          | 59888         | 0.36%           | 0.083%        |
| 14        | 6.822       | 628           | 635         | 642          | rBV9     | 17456          | 52031         | 0.31%           | 0.072%        |
| 15        | 6.916       | 647           | 651         | 657          | rVV3     | 15925          | 27716         | 0.17%           | 0.039%        |
| 16        | 6.999       | 659           | 665         | 671          | rVV      | 230199         | 354731        | 2.14%           | 0.494%        |
| 17        | 7.169       | 685           | 694         | 700          | rBV      | 860450         | 1345394       | 8.11%           | 1.874%        |
| 18        | 7.357       | 719           | 726         | 737          | rBV      | 794996         | 1264609       | 7.62%           | 1.761%        |
| 19        | 7.475       | 739           | 746         | 751          | rVB3     | 16889          | 33029         | 0.20%           | 0.046%        |
| 20        | 7.828       | 796           | 806         | 814          | rBV      | 792824         | 1222796       | 7.37%           | 1.703%        |
| 21        | 7.905       | 814           | 819         | 825          | rBV2     | 49001          | 88815         | 0.54%           | 0.124%        |
| 22        | 8.057       | 837           | 845         | 851          | rBV2     | 6304           | 16960         | 0.10%           | 0.024%        |
| 23        | 8.540       | 920           | 927         | 940          | rBV      | 591413         | 941382        | 5.67%           | 1.311%        |
| 24        | 8.993       | 997           | 1004        | 1014         | rBV      | 905580         | 1479460       | 8.91%           | 2.061%        |
| 25        | 9.399       | 1069          | 1073        | 1081         | rVB9     | 12813          | 28974         | 0.17%           | 0.040%        |
| 26        | 9.552       | 1094          | 1099        | 1104         | rVB6     | 8697           | 19112         | 0.12%           | 0.027%        |
| 27        | 9.710       | 1118          | 1126        | 1136         | rBV      | 626483         | 1011170       | 6.09%           | 1.408%        |
| 28        | 9.887       | 1149          | 1156        | 1162         | rBV9     | 6548           | 23603         | 0.14%           | 0.033%        |
| 29        | 9.946       | 1162          | 1166        | 1171         | rVB7     | 12135          | 20182         | 0.12%           | 0.028%        |
| 30        | 10.246      | 1209          | 1217        | 1231         | rBV      | 997048         | 1653619       | 9.96%           | 2.303%        |
| 31        | 10.622      | 1274          | 1281        | 1288         | rBV      | 928095         | 1515094       | 9.13%           | 2.110%        |
| 32        | 10.687      | 1288          | 1292        | 1297         | rVB7     | 12751          | 20171         | 0.12%           | 0.028%        |
| 33        | 10.763      | 1297          | 1305        | 1319         | rBV      | 708476         | 1248911       | 7.53%           | 1.739%        |
| 34        | 11.281      | 1386          | 1393        | 1397         | rBV2     | 19209          | 34738         | 0.21%           | 0.048%        |
| 35        | 11.422      | 1413          | 1417        | 1429         | rVB7     | 26079          | 58660         | 0.35%           | 0.082%        |
| 36        | 12.045      | 1517          | 1523        | 1528         | rVB2     | 15852          | 27039         | 0.16%           | 0.038%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
 Data File : BP018870.D  
 Acq On : 15 Dec 2023 07:08  
 Operator : MA/JU  
 Sample : 05627-16  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLC8

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-BP120123.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 37 | 12.210 | 1545 | 1551 | 1558 | rBV3 | 20376    | 41304    | 0.25%   | 0.058%  |
| 38 | 12.398 | 1578 | 1583 | 1591 | rBV4 | 15056    | 36344    | 0.22%   | 0.051%  |
| 39 | 12.657 | 1622 | 1627 | 1634 | rBV7 | 13719    | 30943    | 0.19%   | 0.043%  |
| 40 | 12.740 | 1637 | 1641 | 1648 | rVB7 | 11256    | 20347    | 0.12%   | 0.028%  |
| 41 | 13.287 | 1731 | 1734 | 1740 | rVB3 | 21504    | 30731    | 0.19%   | 0.043%  |
| 42 | 13.875 | 1827 | 1834 | 1844 | rBV  | 1984009  | 2677115  | 16.13%  | 3.729%  |
| 43 | 13.992 | 1849 | 1854 | 1861 | rVB4 | 32915    | 48236    | 0.29%   | 0.067%  |
| 44 | 14.151 | 1869 | 1881 | 1899 | rBV  | 2217343  | 3262491  | 19.66%  | 4.544%  |
| 45 | 14.457 | 1926 | 1933 | 1941 | rBV  | 1220474  | 1807883  | 10.89%  | 2.518%  |
| 46 | 14.669 | 1963 | 1969 | 1986 | rBV  | 149297   | 312237   | 1.88%   | 0.435%  |
| 47 | 14.881 | 2000 | 2005 | 2009 | rBV4 | 25269    | 40789    | 0.25%   | 0.057%  |
| 48 | 15.263 | 2064 | 2070 | 2077 | rVB8 | 9204     | 23427    | 0.14%   | 0.033%  |
| 49 | 15.451 | 2095 | 2102 | 2115 | rBV  | 2526891  | 3586162  | 21.61%  | 4.995%  |
| 50 | 15.575 | 2117 | 2123 | 2132 | rVB  | 537553   | 746969   | 4.50%   | 1.040%  |
| 51 | 15.857 | 2168 | 2171 | 2176 | rVB7 | 12023    | 18667    | 0.11%   | 0.026%  |
| 52 | 16.228 | 2230 | 2234 | 2241 | rBV8 | 24884    | 44846    | 0.27%   | 0.062%  |
| 53 | 16.610 | 2295 | 2299 | 2304 | rBV3 | 28809    | 40463    | 0.24%   | 0.056%  |
| 54 | 17.022 | 2365 | 2369 | 2375 | rVB  | 33723    | 46761    | 0.28%   | 0.065%  |
| 55 | 17.210 | 2392 | 2401 | 2407 | rBV  | 1437773  | 2083826  | 12.56%  | 2.902%  |
| 56 | 17.310 | 2411 | 2418 | 2428 | rBV  | 3386366  | 4766688  | 28.72%  | 6.639%  |
| 57 | 17.563 | 2457 | 2461 | 2464 | rBV5 | 10372    | 17054    | 0.10%   | 0.024%  |
| 58 | 17.839 | 2504 | 2508 | 2512 | rBV  | 27972    | 38078    | 0.23%   | 0.053%  |
| 59 | 17.975 | 2527 | 2531 | 2539 | rBV2 | 55751    | 85535    | 0.52%   | 0.119%  |
| 60 | 18.104 | 2548 | 2553 | 2559 | rBV  | 254778   | 355216   | 2.14%   | 0.495%  |
| 61 | 18.175 | 2559 | 2565 | 2570 | rBV  | 12927226 | 16595180 | 100.00% | 23.114% |
| 62 | 18.639 | 2641 | 2644 | 2647 | rVB  | 19937    | 22422    | 0.14%   | 0.031%  |
| 63 | 18.792 | 2667 | 2670 | 2674 | rVB6 | 16104    | 19449    | 0.12%   | 0.027%  |
| 64 | 18.851 | 2675 | 2680 | 2686 | rVV  | 109162   | 143085   | 0.86%   | 0.199%  |
| 65 | 19.122 | 2722 | 2726 | 2733 | rBV3 | 61440    | 111188   | 0.67%   | 0.155%  |
| 66 | 19.192 | 2734 | 2738 | 2740 | rVV  | 85671    | 111708   | 0.67%   | 0.156%  |
| 67 | 19.222 | 2740 | 2743 | 2754 | rVB8 | 81981    | 166517   | 1.00%   | 0.232%  |
| 68 | 19.333 | 2755 | 2762 | 2770 | rBV2 | 100716   | 220381   | 1.33%   | 0.307%  |
| 69 | 19.545 | 2792 | 2798 | 2804 | rBV  | 4795214  | 6231528  | 37.55%  | 8.679%  |
| 70 | 20.163 | 2900 | 2903 | 2909 | rBV  | 30208    | 60441    | 0.36%   | 0.084%  |
| 71 | 20.392 | 2938 | 2942 | 2947 | rBV4 | 63825    | 109634   | 0.66%   | 0.153%  |
| 72 | 21.016 | 3045 | 3048 | 3056 | rVB2 | 171421   | 273424   | 1.65%   | 0.381%  |
| 73 | 21.298 | 3091 | 3096 | 3101 | rBV  | 2285563  | 2748036  | 16.56%  | 3.827%  |
| 74 | 22.527 | 3301 | 3305 | 3310 | rBV  | 407558   | 556596   | 3.35%   | 0.775%  |
| 75 | 23.504 | 3464 | 3471 | 3484 | rVB2 | 3881468  | 7577740  | 45.66%  | 10.554% |
| 76 | 23.657 | 3491 | 3497 | 3507 | rVB  | 1565262  | 3132628  | 18.88%  | 4.363%  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
Data File : BP018870.D  
Acq On : 15 Dec 2023 07:08  
Operator : MA/JU  
Sample : 05627-16  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLC8

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-BP120123.MA.M  
Title : SVOA CALIBRATION

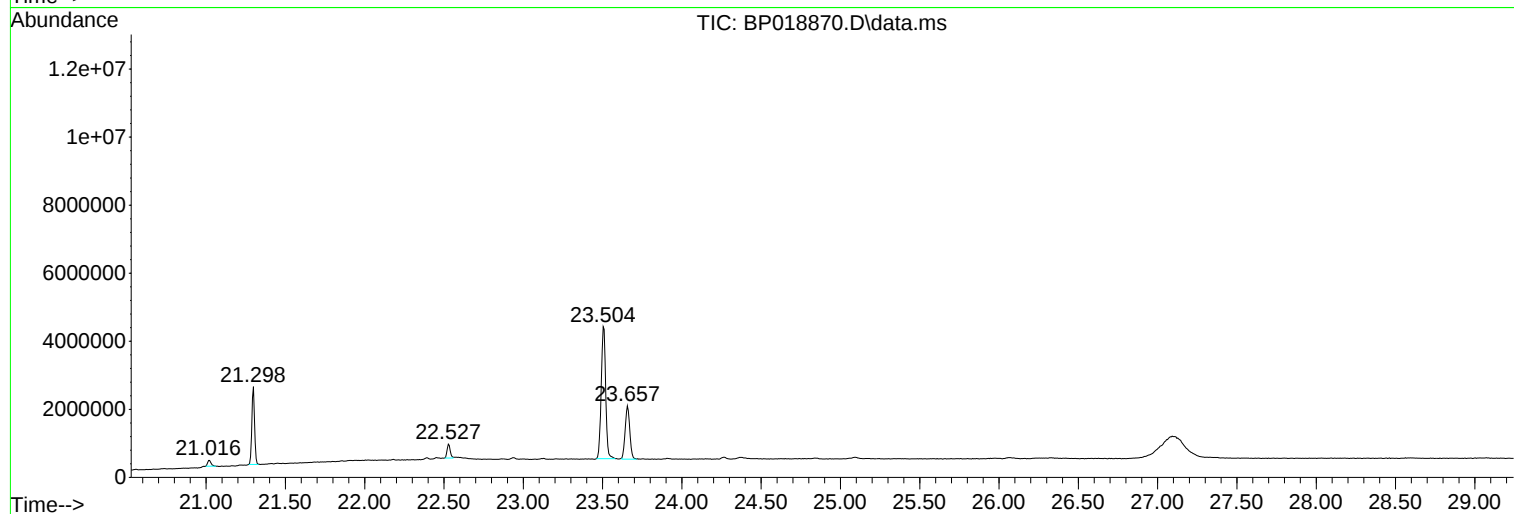
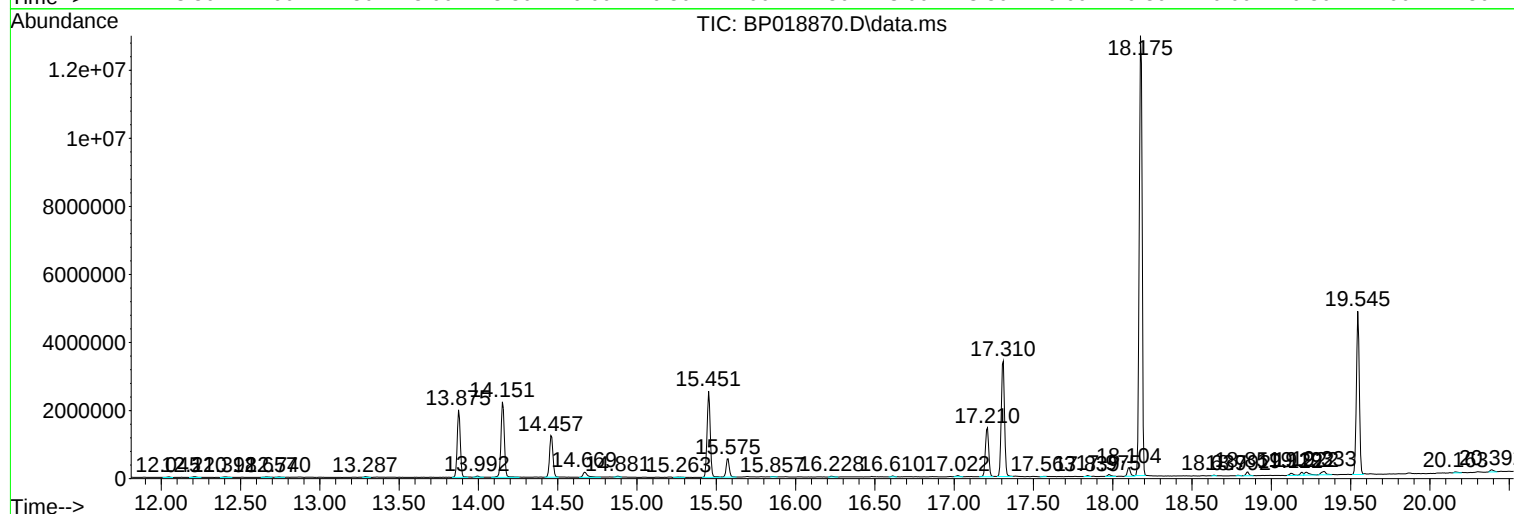
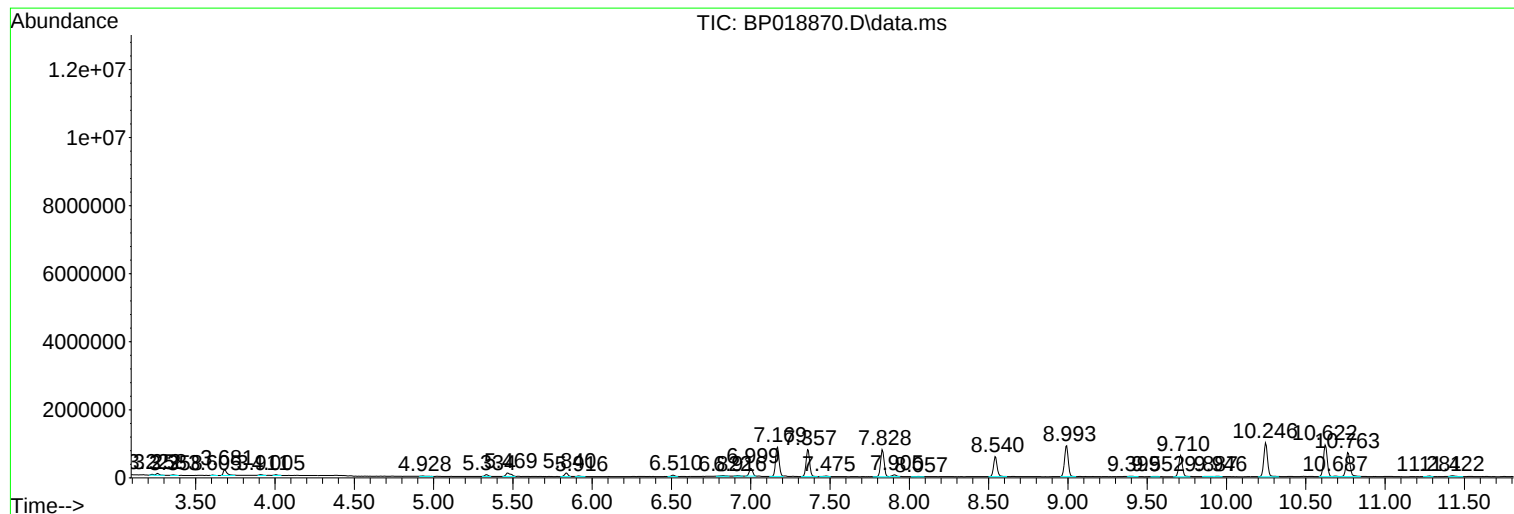
Sum of corrected areas: 71797955

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
Data File : BP018870.D  
Acq On : 15 Dec 2023 07:08  
Operator : MA/JU  
Sample : 05627-16  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
Data File : BP018870.D  
Acq On : 15 Dec 2023 07:08  
Operator : MA/JU  
Sample : 05627-16  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLC8

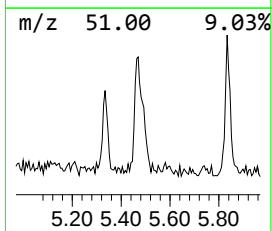
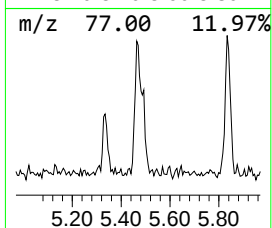
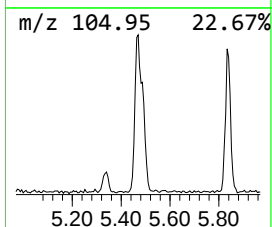
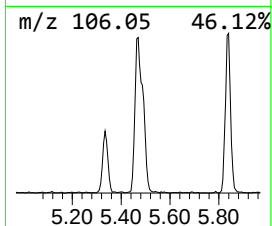
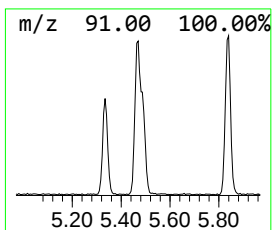
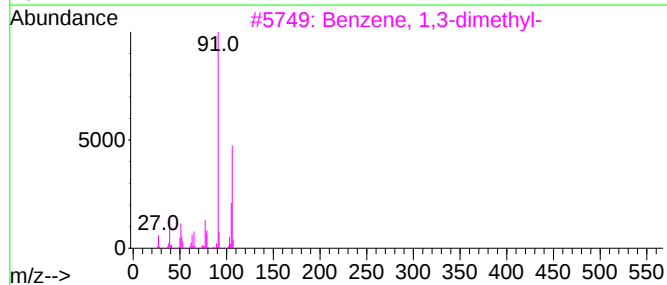
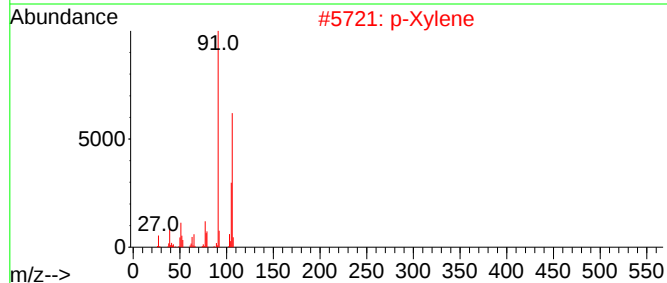
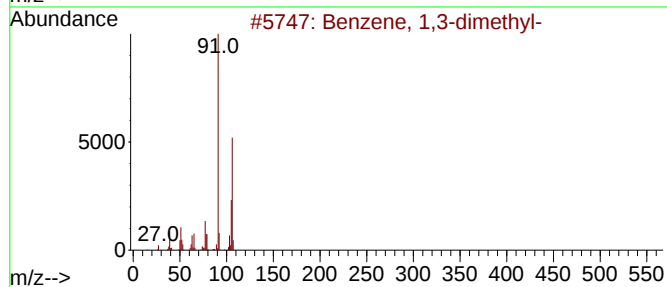
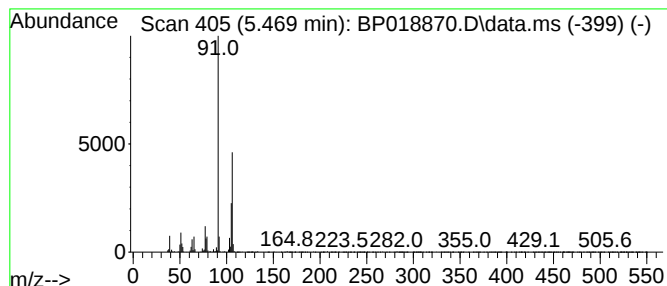
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 5.469 | 3.75 ng/ul | 229251 | 1,4-Dichlorobenzene-d4 | 7.828 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 97   |
| 2    |    |   | p-Xylene               | 106 | C8H10   | 000106-42-3 | 97   |
| 3    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 97   |
| 4    |    |   | p-Xylene               | 106 | C8H10   | 000106-42-3 | 97   |
| 5    |    |   | o-Xylene               | 106 | C8H10   | 000095-47-6 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
Data File : BP018870.D  
Acq On : 15 Dec 2023 07:08  
Operator : MA/JU  
Sample : 05627-16  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLC8

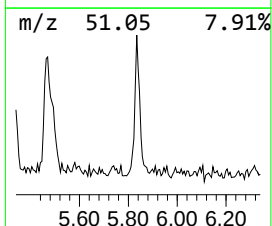
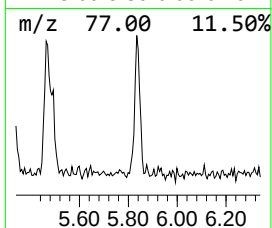
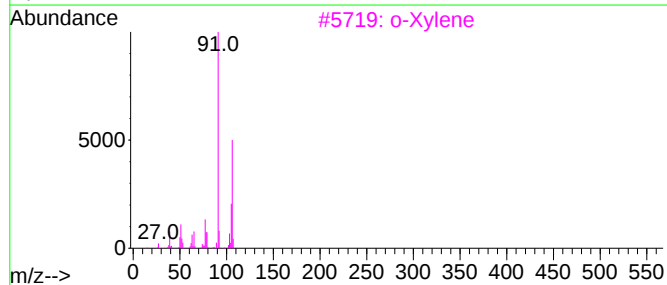
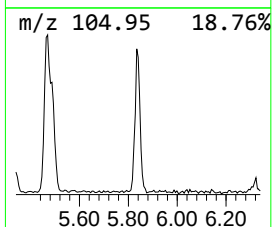
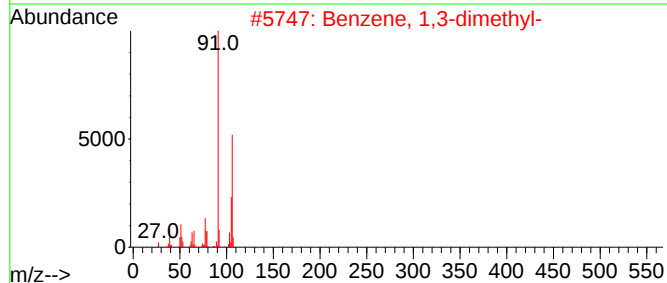
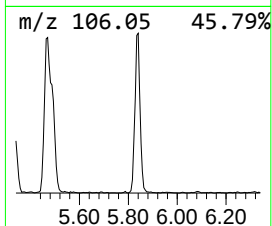
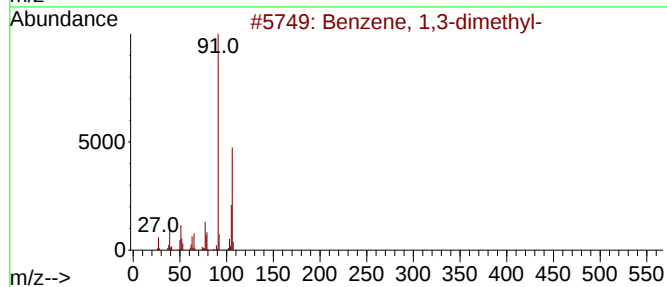
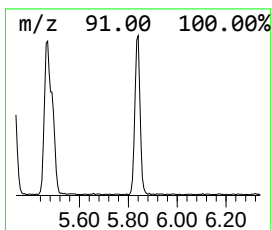
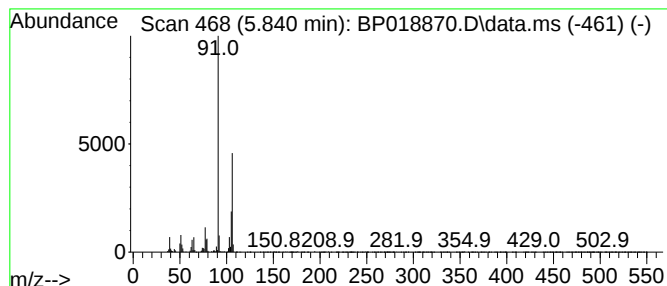
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 o-Xylene Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 5.840 | 2.59 ng/ul | 158383 | 1,4-Dichlorobenzene-d4 | 7.828 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 95   |
| 2    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 95   |
| 3    |    |   | o-Xylene               | 106 | C8H10   | 000095-47-6 | 95   |
| 4    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 94   |
| 5    |    |   | p-Xylene               | 106 | C8H10   | 000106-42-3 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
Data File : BP018870.D  
Acq On : 15 Dec 2023 07:08  
Operator : MA/JU  
Sample : 05627-16  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLC8

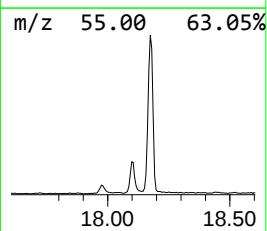
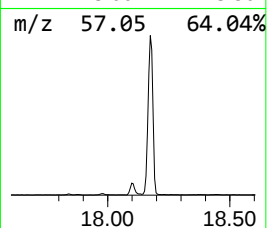
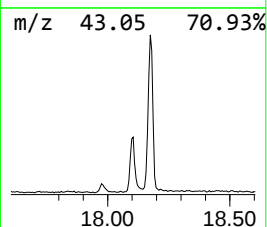
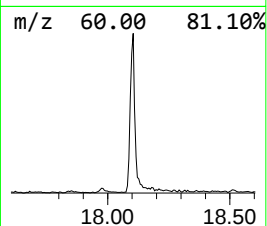
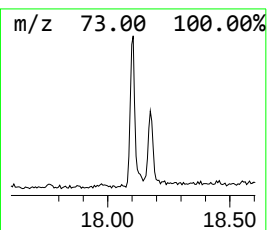
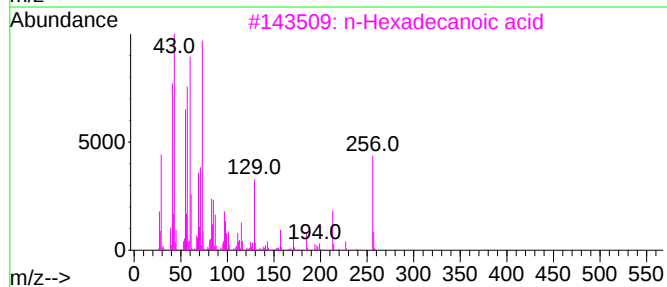
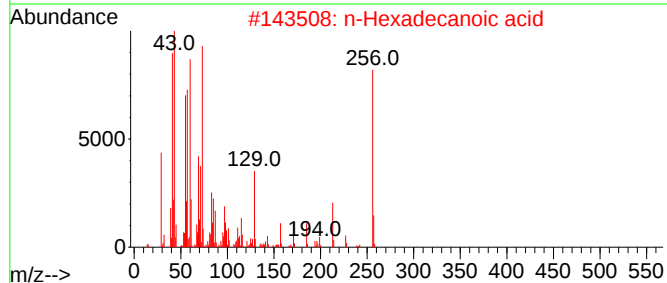
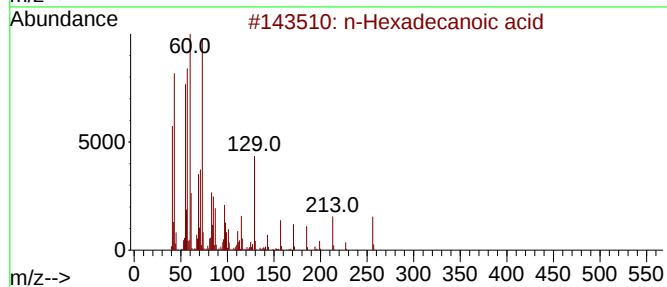
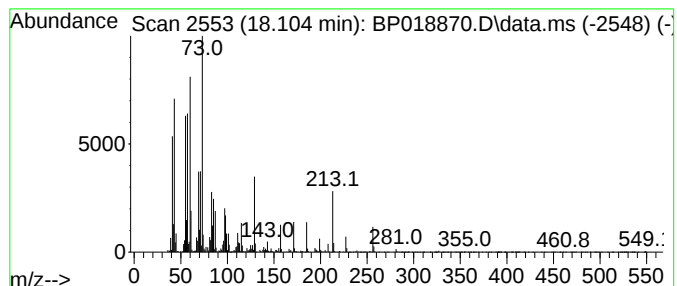
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.104 | 3.41 ng/ul | 355216 | Phenanthrene-d10 | 17.210 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
Data File : BP018870.D  
Acq On : 15 Dec 2023 07:08  
Operator : MA/JU  
Sample : 05627-16  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLC8

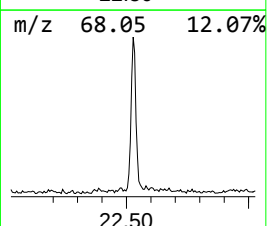
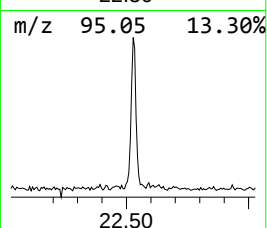
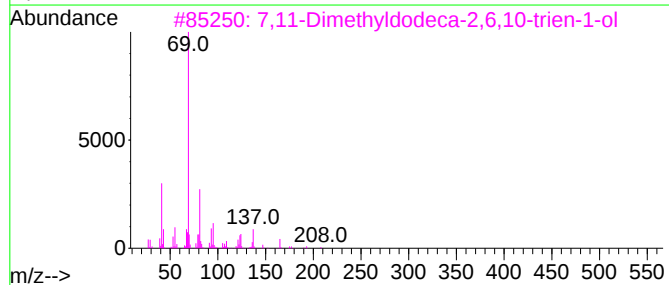
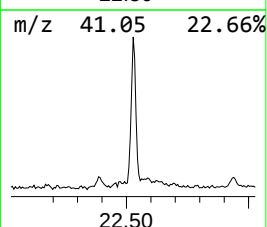
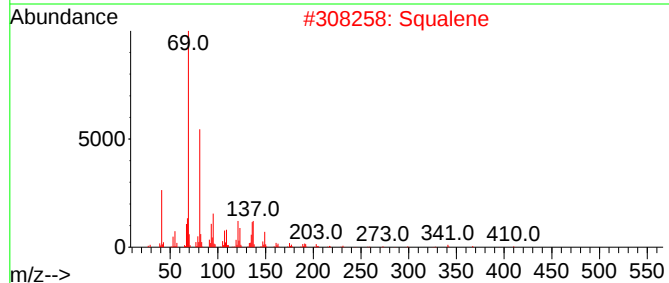
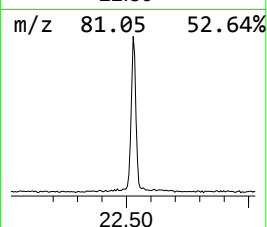
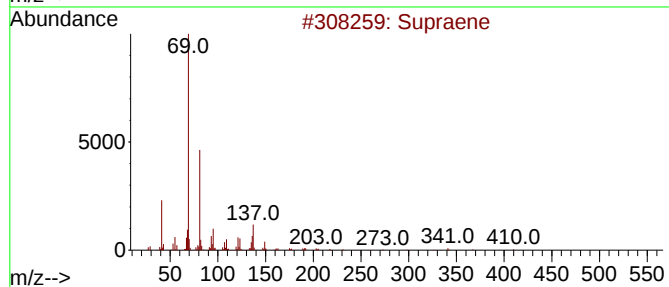
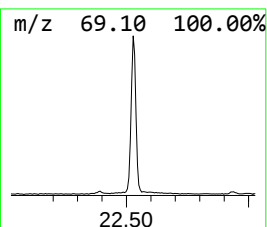
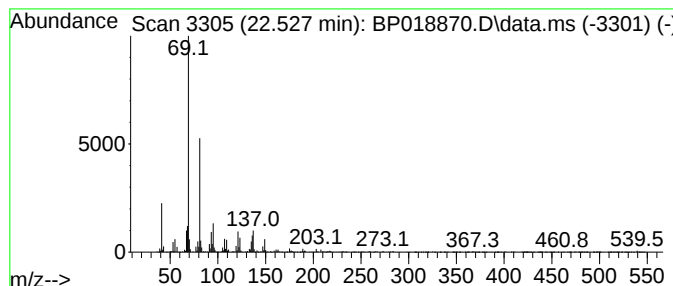
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Supraene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.527 | 3.55 ng/ul | 556596 | Perylene-d12     | 23.657 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50   | 007683-64-9  | 91   |
| 2    |    |   | Squalene                            | 410 | C30H50   | 000111-02-4  | 81   |
| 3    |    |   | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O  | 125529-10-4  | 64   |
| 4    |    |   | Farnesol isomer a                   | 222 | C15H26O  | 1000108-92-4 | 64   |
| 5    |    |   | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 264 | C17H28O2 | 004128-17-0  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
Data File : BP018870.D  
Acq On : 15 Dec 2023 07:08  
Operator : MA/JU  
Sample : 05627-16  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.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 |
| Benzene, 1,3-di... | 5.469  | 3.8     | ng/ul | 229251   | 1                     | 7.828  | 1222800 | 20.0 |
| o-Xylene           | 5.840  | 2.6     | ng/ul | 158383   | 1                     | 7.828  | 1222800 | 20.0 |
| n-Hexadecanoic ... | 18.104 | 3.4     | ng/ul | 355216   | 4                     | 17.210 | 2083830 | 20.0 |
| Supraene           | 22.527 | 3.5     | ng/ul | 556596   | 6                     | 23.657 | 3132630 | 20.0 |