

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
 Data File : BP017259.D  
 Acq On : 21 Sep 2023 10:19  
 Operator : MA/JU  
 Sample : 04330-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EZYG2

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-BP092023.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP017259.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         | 3.305       | 34            | 37          | 41           | rVB      | 21199          | 23301         | 0.67%           | 0.071%        |
| 2         | 3.752       | 110           | 113         | 123          | rVB2     | 47363          | 74231         | 2.12%           | 0.227%        |
| 3         | 3.852       | 126           | 130         | 136          | rVV      | 41765          | 53885         | 1.54%           | 0.165%        |
| 4         | 3.934       | 139           | 144         | 151          | rVB      | 58366          | 88132         | 2.52%           | 0.269%        |
| 5         | 4.052       | 160           | 164         | 170          | rVB      | 15732          | 23402         | 0.67%           | 0.071%        |
| 6         | 4.434       | 226           | 229         | 235          | rVB7     | 8815           | 12830         | 0.37%           | 0.039%        |
| 7         | 4.634       | 259           | 263         | 267          | rVB6     | 11725          | 16137         | 0.46%           | 0.049%        |
| 8         | 4.987       | 318           | 323         | 329          | rBV      | 31249          | 46123         | 1.32%           | 0.141%        |
| 9         | 5.893       | 474           | 477         | 483          | rVB7     | 10240          | 17817         | 0.51%           | 0.054%        |
| 10        | 5.963       | 483           | 489         | 492          | rBV8     | 4173           | 9139          | 0.26%           | 0.028%        |
| 11        | 6.887       | 640           | 646         | 648          | rBV7     | 8852           | 14880         | 0.43%           | 0.045%        |
| 12        | 7.093       | 674           | 681         | 696          | rBV      | 429209         | 742929        | 21.23%          | 2.269%        |
| 13        | 7.281       | 707           | 713         | 720          | rBV      | 371230         | 560760        | 16.02%          | 1.713%        |
| 14        | 7.352       | 722           | 725         | 733          | rVB10    | 6924           | 16880         | 0.48%           | 0.052%        |
| 15        | 7.457       | 736           | 743         | 754          | rBV      | 420511         | 680198        | 19.44%          | 2.077%        |
| 16        | 7.546       | 754           | 758         | 762          | rBV6     | 8003           | 12058         | 0.34%           | 0.037%        |
| 17        | 7.757       | 788           | 794         | 798          | rBV6     | 4500           | 9157          | 0.26%           | 0.028%        |
| 18        | 7.940       | 818           | 825         | 829          | rBV      | 758232         | 1214329       | 34.70%          | 3.709%        |
| 19        | 7.981       | 829           | 832         | 859          | rVB      | 250094         | 775774        | 22.17%          | 2.369%        |
| 20        | 8.546       | 925           | 928         | 936          | rVB9     | 5849           | 12163         | 0.35%           | 0.037%        |
| 21        | 8.652       | 939           | 946         | 958          | rBV      | 264904         | 525209        | 15.01%          | 1.604%        |
| 22        | 8.787       | 963           | 969         | 977          | rVV      | 301858         | 480127        | 13.72%          | 1.466%        |
| 23        | 8.857       | 977           | 981         | 987          | rVB7     | 14093          | 23711         | 0.68%           | 0.072%        |
| 24        | 8.928       | 989           | 993         | 997          | rBV3     | 8216           | 14816         | 0.42%           | 0.045%        |
| 25        | 9.134       | 1017          | 1028        | 1038         | rBV      | 406134         | 677373        | 19.36%          | 2.069%        |
| 26        | 9.251       | 1045          | 1048        | 1053         | rVB6     | 6891           | 11028         | 0.32%           | 0.034%        |
| 27        | 9.616       | 1106          | 1110        | 1116         | rVB9     | 10073          | 21056         | 0.60%           | 0.064%        |
| 28        | 9.669       | 1116          | 1119        | 1125         | rBV8     | 7516           | 13654         | 0.39%           | 0.042%        |
| 29        | 9.851       | 1143          | 1150        | 1166         | rVB      | 309189         | 521216        | 14.89%          | 1.592%        |
| 30        | 9.993       | 1169          | 1174        | 1186         | rBV      | 43494          | 90787         | 2.59%           | 0.277%        |
| 31        | 10.216      | 1207          | 1212        | 1217         | rBV      | 22195          | 36002         | 1.03%           | 0.110%        |
| 32        | 10.328      | 1227          | 1231        | 1233         | rBV5     | 6188           | 9234          | 0.26%           | 0.028%        |
| 33        | 10.381      | 1233          | 1240        | 1249         | rVV      | 433988         | 747660        | 21.36%          | 2.283%        |
| 34        | 10.616      | 1272          | 1280        | 1283         | rBV5     | 21919          | 43855         | 1.25%           | 0.134%        |
| 35        | 10.651      | 1283          | 1286        | 1291         | rVB3     | 19996          | 30623         | 0.88%           | 0.094%        |
| 36        | 10.763      | 1298          | 1305        | 1311         | rBV      | 1024625        | 1661247       | 47.47%          | 5.074%        |

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 ClientSampleId :  
 EYZG2

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-BP092023.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |        |        |        |        |
|----|--------|------|------|------|-------|--------|--------|--------|--------|
| 37 | 10.822 | 1311 | 1315 | 1324 | rVB4  | 25372  | 59491  | 1.70%  | 0.182% |
| 38 | 10.928 | 1324 | 1333 | 1344 | rBV   | 215582 | 428475 | 12.24% | 1.309% |
| 39 | 11.175 | 1368 | 1375 | 1379 | rVB10 | 6375   | 12989  | 0.37%  | 0.040% |
| 40 | 11.322 | 1394 | 1400 | 1409 | rBV10 | 14681  | 39764  | 1.14%  | 0.121% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 11.398 | 1409 | 1413 | 1417 | rBV7 | 10981 | 17400 | 0.50% | 0.053% |
| 42 | 11.522 | 1427 | 1434 | 1440 | rBV7 | 9047  | 20011 | 0.57% | 0.061% |
| 43 | 11.593 | 1440 | 1446 | 1451 | rBV5 | 11058 | 25547 | 0.73% | 0.078% |
| 44 | 11.698 | 1460 | 1464 | 1469 | rBV2 | 22366 | 31778 | 0.91% | 0.097% |
| 45 | 11.751 | 1469 | 1473 | 1475 | rBV5 | 8933  | 12994 | 0.37% | 0.040% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 11.798 | 1477 | 1481 | 1487 | rVB8 | 11111 | 21386 | 0.61% | 0.065% |
| 47 | 11.904 | 1494 | 1499 | 1501 | rBV6 | 8417  | 13269 | 0.38% | 0.041% |
| 48 | 11.969 | 1507 | 1510 | 1514 | rVB6 | 10071 | 13317 | 0.38% | 0.041% |
| 49 | 12.040 | 1518 | 1522 | 1526 | rVB7 | 9597  | 13750 | 0.39% | 0.042% |
| 50 | 12.104 | 1528 | 1533 | 1537 | rBV3 | 29363 | 48975 | 1.40% | 0.150% |

|    |        |      |      |      |       |       |       |       |        |
|----|--------|------|------|------|-------|-------|-------|-------|--------|
| 51 | 12.163 | 1538 | 1543 | 1547 | rBV2  | 16544 | 26294 | 0.75% | 0.080% |
| 52 | 12.234 | 1552 | 1555 | 1559 | rBV6  | 9099  | 12701 | 0.36% | 0.039% |
| 53 | 12.322 | 1562 | 1570 | 1573 | rBV10 | 12431 | 34115 | 0.97% | 0.104% |
| 54 | 12.422 | 1580 | 1587 | 1598 | rBV   | 31584 | 69332 | 1.98% | 0.212% |
| 55 | 12.522 | 1599 | 1604 | 1606 | rBV6  | 7329  | 13569 | 0.39% | 0.041% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 56 | 12.640 | 1619 | 1624 | 1632 | rBV5 | 20721 | 36667 | 1.05% | 0.112% |
| 57 | 12.734 | 1636 | 1640 | 1644 | rVB7 | 14100 | 23686 | 0.68% | 0.072% |
| 58 | 12.922 | 1666 | 1672 | 1677 | rBV9 | 19957 | 43380 | 1.24% | 0.132% |
| 59 | 12.992 | 1677 | 1684 | 1691 | rVV9 | 21328 | 57649 | 1.65% | 0.176% |
| 60 | 13.057 | 1691 | 1695 | 1700 | rVV  | 35541 | 53728 | 1.54% | 0.164% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 61 | 13.210 | 1717 | 1721 | 1726 | rBV7 | 12113 | 24782  | 0.71% | 0.076% |
| 62 | 13.316 | 1735 | 1739 | 1742 | rBV6 | 47790 | 79584  | 2.27% | 0.243% |
| 63 | 13.351 | 1743 | 1745 | 1749 | rVB2 | 41718 | 48918  | 1.40% | 0.149% |
| 64 | 13.440 | 1755 | 1760 | 1765 | rBV2 | 70961 | 130880 | 3.74% | 0.400% |
| 65 | 13.581 | 1778 | 1784 | 1789 | rBV9 | 21421 | 58555  | 1.67% | 0.179% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 13.651 | 1792 | 1796 | 1803 | rVV3 | 39727   | 69983   | 2.00%  | 0.214% |
| 67 | 13.869 | 1828 | 1833 | 1838 | rBV3 | 136101  | 209815  | 6.00%  | 0.641% |
| 68 | 13.963 | 1846 | 1849 | 1852 | rBV3 | 46290   | 56844   | 1.62%  | 0.174% |
| 69 | 14.016 | 1852 | 1858 | 1868 | rVV  | 1092316 | 1561586 | 44.62% | 4.769% |
| 70 | 14.298 | 1900 | 1906 | 1914 | rBV  | 1254006 | 1976103 | 56.47% | 6.035% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 14.428 | 1925 | 1928 | 1936 | rBV5 | 60042   | 123318  | 3.52%  | 0.377% |
| 72 | 14.598 | 1952 | 1957 | 1963 | rBV  | 1876381 | 2748126 | 78.53% | 8.393% |
| 73 | 14.839 | 1994 | 1998 | 2003 | rBV5 | 62725   | 121866  | 3.48%  | 0.372% |
| 74 | 15.598 | 2122 | 2127 | 2133 | rVB  | 1678481 | 2382045 | 68.07% | 7.275% |
| 75 | 16.033 | 2197 | 2201 | 2206 | rBV  | 635008  | 737570  | 21.08% | 2.253% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 76 | 16.263 | 2236 | 2240 | 2246 | rBV2 | 178610 | 322141 | 9.21% | 0.984% |
|----|--------|------|------|------|------|--------|--------|-------|--------|

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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-BP092023.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 17.375 | 2424 | 2429 | 2433 | rBV  | 2023926 | 2892848 | 82.66%  | 8.835%  |
| 78 | 17.475 | 2441 | 2446 | 2455 | rBV2 | 1703519 | 2584348 | 73.85%  | 7.893%  |
| 79 | 19.716 | 2823 | 2827 | 2837 | rBV2 | 2351786 | 3499620 | 100.00% | 10.688% |
| 80 | 21.480 | 3124 | 3127 | 3131 | rVB  | 2280671 | 2672582 | 76.37%  | 8.162%  |

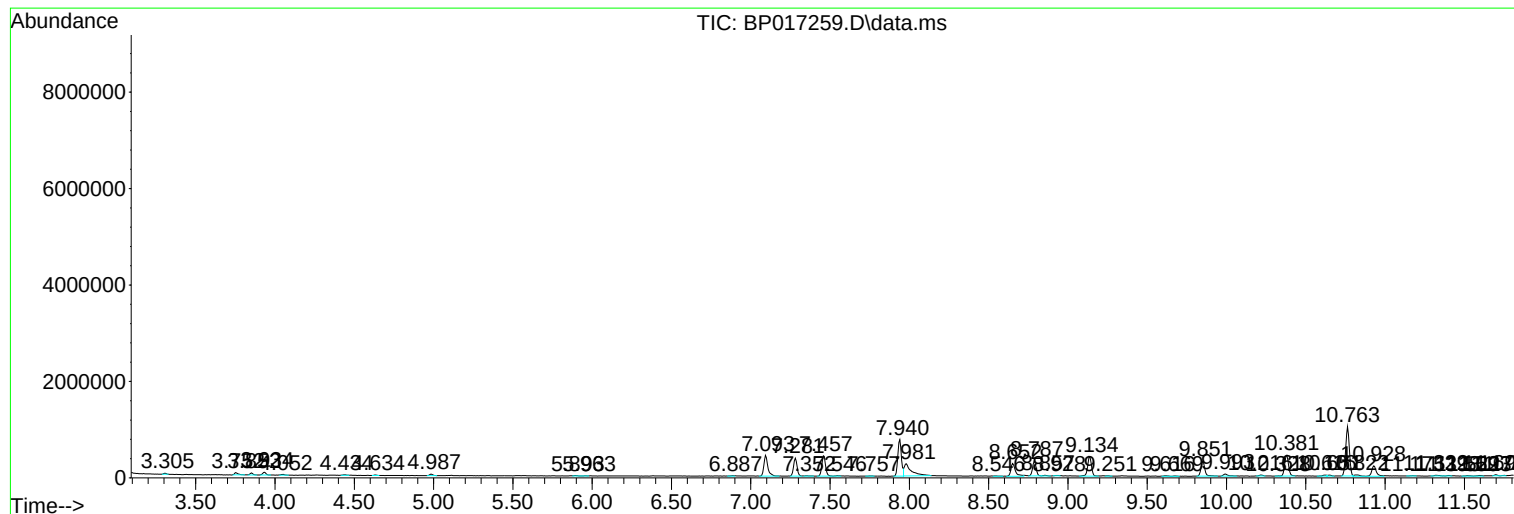
Sum of corrected areas: 32743504

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.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\BP092123\  
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Sample : 04330-01  
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Instrument :  
BNA\_P  
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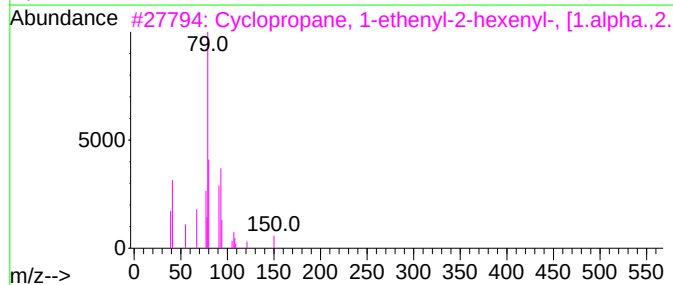
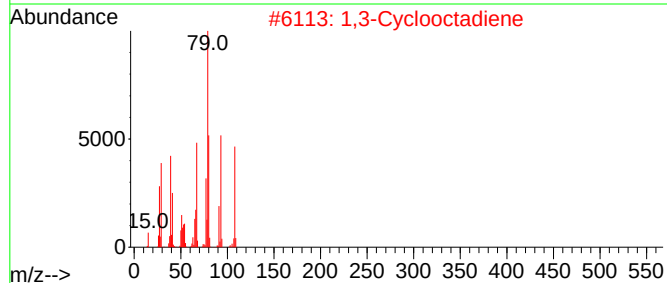
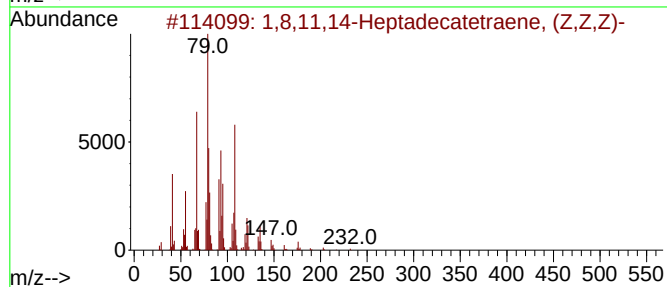
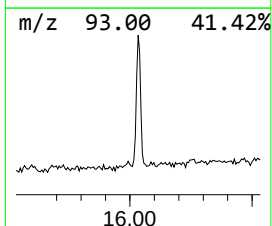
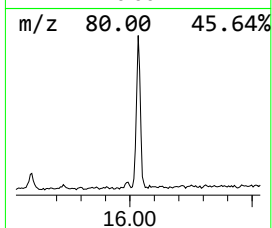
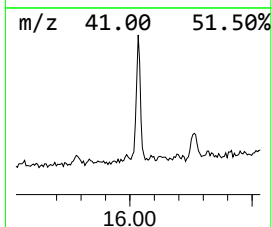
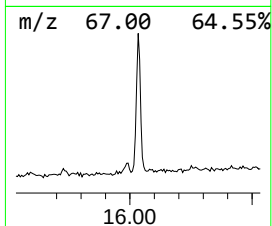
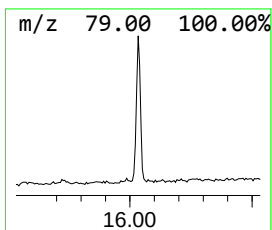
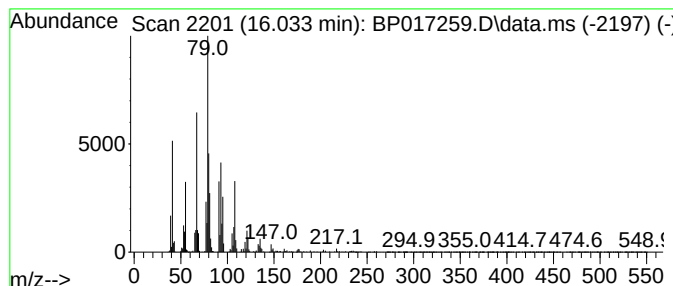
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 1,8,11,14-Heptadecatetraene... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.034 | 5.10 ng/ul | 737570 | Phenanthrene-d10 | 17.375 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,8,11,14-Heptadecatetraene, (Z,... | 232 | C17H28       | 010482-53-8 | 91      |      |      |
| 2    | 1,3-Cyclooctadiene                  | 108 | C8H12        | 001700-10-3 | 68      |      |      |
| 3    | Cyclopropane, 1-ethenyl-2-hexeny... | 150 | C11H18       | 022822-99-7 | 59      |      |      |
| 4    | 1,3-Cyclooctadiene, (Z,Z)-          | 108 | C8H12        | 003806-59-5 | 59      |      |      |
| 5    | 3-6-Nonadien-1-yl-acetate           | 182 | C11H18O2     | 076649-26-8 | 58      |      |      |



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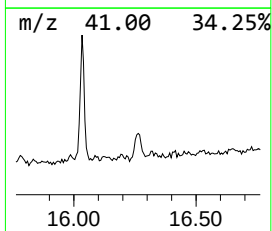
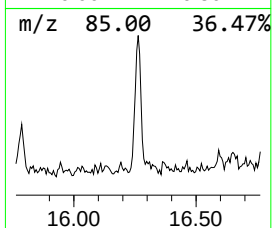
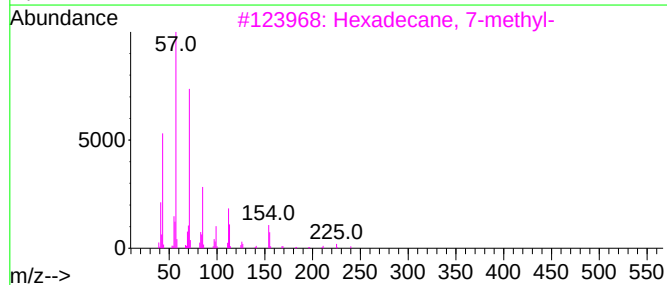
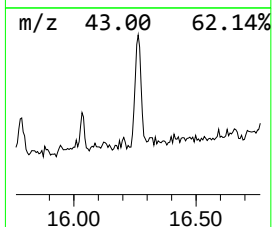
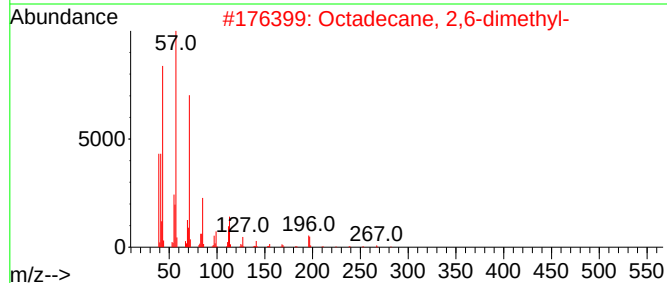
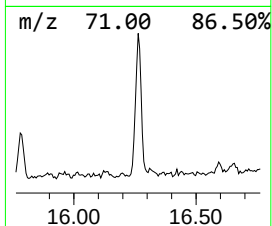
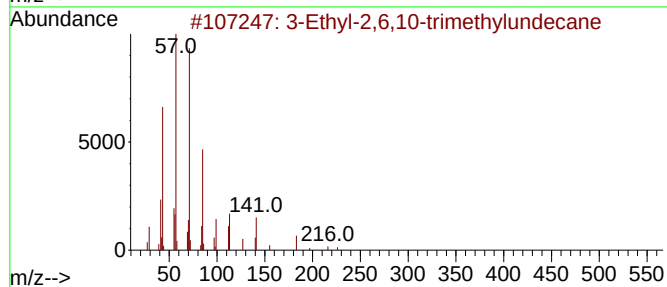
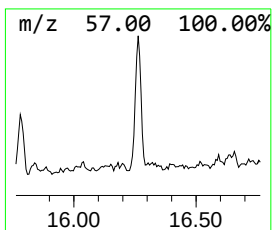
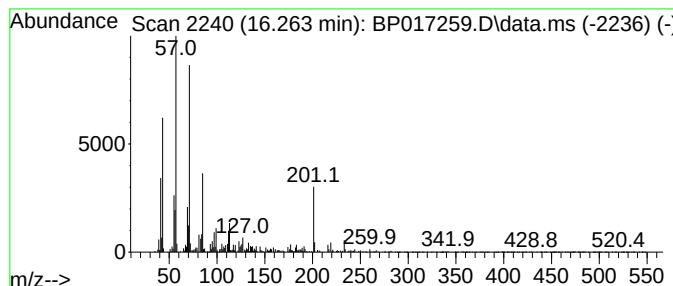
Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.      | EstConc                          | Area   | Relative to ISTD |         | R.T.         |      |
|-----------|----------------------------------|--------|------------------|---------|--------------|------|
| 16.263    | 2.23 ng/ul                       | 322141 | Phenanthrene-d10 |         | 17.375       |      |
| Hit# of 5 | Tentative ID                     |        | MW               | MolForm | CAS#         | Qual |
| 1         | 3-Ethyl-2,6,10-trimethylundecane |        | 226              | C16H34  | 1000432-25-9 | 90   |
| 2         | Octadecane, 2,6-dimethyl-        |        | 282              | C20H42  | 075163-97-2  | 83   |
| 3         | Hexadecane, 7-methyl-            |        | 240              | C17H36  | 026730-20-1  | 76   |
| 4         | Octadecane, 4-methyl-            |        | 268              | C19H40  | 010544-95-3  | 76   |
| 5         | Tetradecane, 2,6,10-trimethyl-   |        | 240              | C17H36  | 014905-56-7  | 70   |



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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 |
| 1,8,11,14-Hepta... | 16.034 | 5.1     | ng/u1 | 737570   | 4                     | 17.375 | 2892850 | 20.0 |
| (DEL) Alkane: S... | 16.263 | 2.2     | ng/u1 | 322141   | 4                     | 17.375 | 2892850 | 20.0 |