LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

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-BP101823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017853.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.846 | 124 | 129 | 139 | rVV | 568543 | 1291584 | 17.59% | 0.629% |
| 2 | 5.152 | 339 | 351 | 358 | rBV | 701525 | 1499190 | 20.41% | 0.730% |
| 3 | 6.328 | 543 | 551 | 557 | rVV2 | 908093 | 1834856 | 24.99% | 0.894% |
| 4 | 6.434 | 563 | 569 | 575 | rVV2 | 725357 | 1302924 | 17.74% | 0.635% |
| 5 | 6.769 | 622 | 626 | 629 | rVV | 715362 | 1053525 | 14.35% | 0.513% |
| 6 | 6.811 | 629 | 633 | 640 | rVB | 901913 | 1493190 | 20.33% | 0.727% |
| 7 | 6.940 | 650 | 655 | 662 | rBV3 | 608388 | 1050107 | 14.30% | 0.511% |
| 8 | 7.228 | 699 | 704 | 710 | rVV2 | 816426 | 1527355 | 20.80% | 0.744% |
| 9 | 7.287 | 710 | 714 | 718 | rVV | 393215 | 660739 | 9.00% | 0.322% |
| 10 | 7.405 | 730 | 734 | 741 | rVV | 483466 | 808746 | 11.01% | 0.394% |
| 11 | 7.764 | 790 | 795 | 800 | rVB | 1028715 | 1574447 | 21.44% | 0.767% |
| 12 | 7.881 | 805 | 815 | 819 | rBV3 | 550114 | 1195278 | 16.28% | 0.582% |
| 13 | 7.975 | 826 | 831 | 839 | rVV2 | 625939 | 1305057 | 17.77% | 0.636% |
| 14 | 8.099 | 847 | 852 | 857 | rBV2 | 590068 | 1000496 | 13.62% | 0.487% |
| 15 | 8.234 | 869 | 875 | 882 | rVB | 1226421 | 2183670 | 29.74% | 1.063% |
| 16 | 8.322 | 882 | 890 | 894 | rBV2 | 501982 | 1084178 | 14.76% | 0.528% |
| 17 | 8.375 | 895 | 899 | 907 | rVB5 | 391252 | 820055 | 11.17% | 0.399% |
| 18 | 8.916 | 988 | 991 | 993 | rVV3 | 495376 | 755523 | 10.29% | 0.368% |
| 19 | 8.958 | 993 | 998 | 1004 | rVV2 | 1822344 | 3391961 | 46.19% | 1.652% |
| 20 | 9.016 | 1004 | 1008 | 1010 | rVV2 | 513489 | 885545 | 12.06% | 0.431% |
| 21 | 9.046 | 1010 | 1013 | 1016 | rVV | 794549 | 1146995 | 15.62% | 0.559% |
| 22 | 9.087 | 1016 | 1020 | 1025 | rVB2 | 601287 | 920837 | 12.54% | 0.448% |
| 23 | 9.275 | 1045 | 1052 | 1055 | rBV5 | 393314 | 1015082 | 13.82% | 0.494% |
| 24 | 9.440 | 1074 | 1080 | 1083 | rBV3 | 361652 | 661122 | 9.00% | 0.322% |
| 25 | 9.487 | 1083 | 1088 | 1092 | rBV | 903510 | 1255867 | 17.10% | 0.612% |
| 26 | 9.563 | 1095 | 1101 | 1104 | rBV6 | 620070 | 1340984 | 18.26% | 0.653% |
| 27 | 9.922 | 1158 | 1162 | 1166 | rBV | 584170 | 878941 | 11.97% | 0.428% |
| 28 | 10.069 | 1178 | 1187 | 1193 | rBV | 2375697 | 4349556 | 59.23% | 2.118% |
| 29 | 10.252 | 1211 | 1218 | 1226 | rVB4 | 716325 | 1510412 | 20.57% | 0.736% |
| 30 | 10.334 | 1227 | 1232 | 1243 | rBV4 | 1009734 | 2483974 | 33.82% | 1.210% |
| 31 | 10.563 | 1260 | 1271 | 1279 | rBV8 | 648714 | 2769428 | 37.71% | 1.349% |
| 32 | 10.658 | 1279 | 1287 | 1290 | rBV2 | 848051 | 1798517 | 24.49% | 0.876% |
| 33 | 10.699 | 1290 | 1294 | 1301 | rVV4 | 1097885 | 2507420 | 34.14% | 1.221% |
| 34 | 10.775 | 1303 | 1307 | 1315 | rVB2 | 1225528 | 2272097 | 30.94% | 1.107% |
| 35 | 10.969 | 1331 | 1340 | 1347 | rBV3 | 738427 | 1686589 | 22.97% | 0.821% |
| 36 | 11.116 | 1359 | 1365 | 1370 | rVB4 | 701310 | 1498753 | 20.41% | 0.730% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

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-BP101823.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.228 | 1381 | 1384 | 1390 | rVB3 | 603733 | 1113897 | 15.17% | 0.542% |
| 38 | 11.287 | 1390 | 1394 | 1399 | rVB | 984596 | 1745040 | 23.76% | 0.850% |
| 39 | 11.340 | 1399 | 1403 | 1406 | rBV2 | 825275 | 1299415 | 17.69% | 0.633% |
| 40 | 11.387 | 1407 | 1411 | 1418 | rVB4 | 580026 | 1076785 | 14.66% | 0.524% |
| 41 | 11.610 | 1431 | 1449 | 1452 | rBV3 | 2141678 | 7343632 | 100.00% | 3.576% |
| 42 | 11.799 | 1477 | 1481 | 1486 | rBV4 | 437350 | 754052 | 10.27% | 0.367% |
| 43 | 11.846 | 1486 | 1489 | 1494 | rVB4 | 614900 | 981329 | 13.36% | 0.478% |
| 44 | 11.899 | 1494 | 1498 | 1501 | rBV4 | 506950 | 936240 | 12.75% | 0.456% |
| 45 | 12.063 | 1519 | 1526 | 1531 | rVB2 | 2953330 | 5489256 | 74.75% | 2.673% |
| 46 | 12.181 | 1539 | 1546 | 1550 | rBV2 | 1150358 | 2193877 | 29.87% | 1.068% |
| 47 | 12.240 | 1550 | 1556 | 1559 | rBV4 | 836076 | 1530616 | 20.84% | 0.745% |
| 48 | 12.281 | 1559 | 1563 | 1572 | rVB3 | 1316092 | 2598359 | 35.38% | 1.265% |
| 49 | 12.416 | 1574 | 1586 | 1590 | rBV5 | 731735 | 2621179 | 35.69% | 1.277% |
| 50 | 12.493 | 1591 | 1599 | 1603 | rVB | 1669673 | 3642652 | 49.60% | 1.774% |
| 51 | 12.552 | 1605 | 1609 | 1613 | rBV5 | 405721 | 697909 | 9.50% | 0.340% |
| 52 | 12.604 | 1613 | 1618 | 1622 | rBV | 2906807 | 5137653 | 69.96% | 2.502% |
| 53 | 12.734 | 1636 | 1640 | 1643 | rBV | 555115 | 851515 | 11.60% | 0.415% |
| 54 | 12.804 | 1648 | 1652 | 1655 | rBV4 | 691161 | 1199264 | 16.33% | 0.584% |
| 55 | 12.893 | 1664 | 1667 | 1676 | rVB4 | 1567981 | 3203595 | 43.62% | 1.560% |
| 56 | 12.987 | 1676 | 1683 | 1685 | rBV4 | 1122042 | 2450872 | 33.37% | 1.194% |
| 57 | 13.187 | 1711 | 1717 | 1724 | rVB4 | 1253703 | 2487052 | 33.87% | 1.211% |
| 58 | 13.263 | 1725 | 1730 | 1733 | rBV5 | 394222 | 839983 | 11.44% | 0.409% |
| 59 | 13.369 | 1742 | 1748 | 1749 | rBV2 | 691575 | 1244414 | 16.95% | 0.606% |
| 60 | 13.481 | 1762 | 1767 | 1774 | rBV6 | 1247336 | 2878089 | 39.19% | 1.402% |
| 61 | 13.540 | 1774 | 1777 | 1780 | rVB2 | 583160 | 638902 | 8.70% | 0.311% |
| 62 | 13.575 | 1780 | 1783 | 1787 | rBV4 | 525984 | 787585 | 10.72% | 0.384% |
| 63 | 13.663 | 1794 | 1798 | 1803 | rBV4 | 890311 | 1452436 | 19.78% | 0.707% |
| 64 | 13.728 | 1805 | 1809 | 1817 | rBV3 | 1197672 | 3451809 | 47.00% | 1.681% |
| 65 | 13.887 | 1830 | 1836 | 1838 | rBV2 | 1619610 | 3099123 | 42.20% | 1.509% |
| 66 | 13.928 | 1839 | 1843 | 1848 | rVV4 | 2472576 | 5023667 | 68.41% | 2.447% |
| 67 | 13.999 | 1848 | 1855 | 1859 | rVB3 | 1432778 | 3283047 | 44.71% | 1.599% |
| 68 | 14.122 | 1872 | 1876 | 1880 | rBV2 | 1344635 | 1773030 | 24.14% | 0.863% |
| 69 | 14.163 | 1880 | 1883 | 1887 | rVB | 875749 | 989088 | 13.47% | 0.482% |
| 70 | 14.293 | 1898 | 1905 | 1910 | rBV4 | 2132789 | 5130078 | 69.86% | 2.498% |
| 71 | 14.346 | 1911 | 1914 | 1922 | rVB5 | 1442813 | 2085996 | 28.41% | 1.016% |
| 72 | 14.528 | 1940 | 1945 | 1951 | rVB2 | 2028487 | 4657325 | 63.42% | 2.268% |
| 73 | 14.581 | 1951 | 1954 | 1958 | rBV3 | 1319175 | 2104702 | 28.66% | 1.025% |
| 74 | 14.687 | 1968 | 1972 | 1976 | rVB4 | 1650741 | 2474618 | 33.70% | 1.205% |
| 75 | 14.863 | 1999 | 2002 | 2006 | rBV | 912110 | 1028961 | 14.01% | 0.501% |
| 76 | 15.046 | 2029 | 2033 | 2036 | rBV3 | 851596 | 1249045 | 17.01% | 0.608% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

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-BP101823.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.075 | 2036 | 2038 | 2044 | rVB3 | 1201607 | 1722233 | 23.45% | 0.839% |
| 78 | 15.140 | 2044 | 2049 | 2053 | rBV | 1503735 | 2821839 | 38.43% | 1.374% |
| 79 | 15.463 | 2100 | 2104 | 2108 | rBV2 | 1237954 | 1831181 | 24.94% | 0.892% |
| 80 | 15.504 | 2109 | 2111 | 2116 | rVB2 | 1149181 | 1372672 | 18.69% | 0.669% |
| 81 | 15.587 | 2116 | 2125 | 2129 | rBV4 | 2536119 | 6494223 | 88.43% | 3.163% |
| 82 | 15.704 | 2141 | 2145 | 2149 | rVV2 | 2018109 | 3733466 | 50.84% | 1.818% |
| 83 | 15.769 | 2152 | 2156 | 2164 | rVB5 | 1956475 | 3083183 | 41.98% | 1.502% |
| 84 | 15.916 | 2178 | 2181 | 2187 | rVB2 | 699999 | 960461 | 13.08% | 0.468% |
| 85 | 16.198 | 2224 | 2229 | 2233 | rVV2 | 2753207 | 5006719 | 68.18% | 2.438% |
| 86 | 16.257 | 2236 | 2239 | 2245 | rVB3 | 1613822 | 2561442 | 34.88% | 1.247% |
| 87 | 16.404 | 2260 | 2264 | 2266 | rBV4 | 652227 | 992340 | 13.51% | 0.483% |
| 88 | 16.440 | 2267 | 2270 | 2280 | rVB8 | 1052195 | 2389906 | 32.54% | 1.164% |
| 89 | 16.581 | 2291 | 2294 | 2299 | rVB3 | 769968 | 1024523 | 13.95% | 0.499% |
| 90 | 17.092 | 2378 | 2381 | 2389 | rVB | 1178734 | 1787463 | 24.34% | 0.871% |
| 91 | 17.334 | 2418 | 2422 | 2425 | rBV | 1130498 | 1638833 | 22.32% | 0.798% |
| 92 | 17.375 | 2426 | 2429 | 2433 | rVV | 1115865 | 1528153 | 20.81% | 0.744% |
| 93 | 17.422 | 2434 | 2437 | 2439 | rVV | 797411 | 1215445 | 16.55% | 0.592% |
| 94 | 17.475 | 2443 | 2446 | 2451 | rVB2 | 1928984 | 2718506 | 37.02% | 1.324% |
| 95 | 17.892 | 2512 | 2517 | 2524 | rBV | 2023127 | 3190796 | 43.45% | 1.554% |
| 96 | 18.251 | 2575 | 2578 | 2587 | rVB5 | 1241460 | 1930439 | 26.29% | 0.940% |
| 97 | 18.475 | 2613 | 2616 | 2620 | rBV | 850050 | 920311 | 12.53% | 0.448% |
| 98 | 19.739 | 2827 | 2831 | 2837 | rVB | 2482275 | 3314427 | 45.13% | 1.614% |
| 99 | 21.522 | 3131 | 3134 | 3141 | rVB | 1205542 | 1590035 | 21.65% | 0.774% |
| 100 | 23.916 | 3536 | 3541 | 3552 | rVB2 | 1430367 | 3143745 | 42.81% | 1.531% |

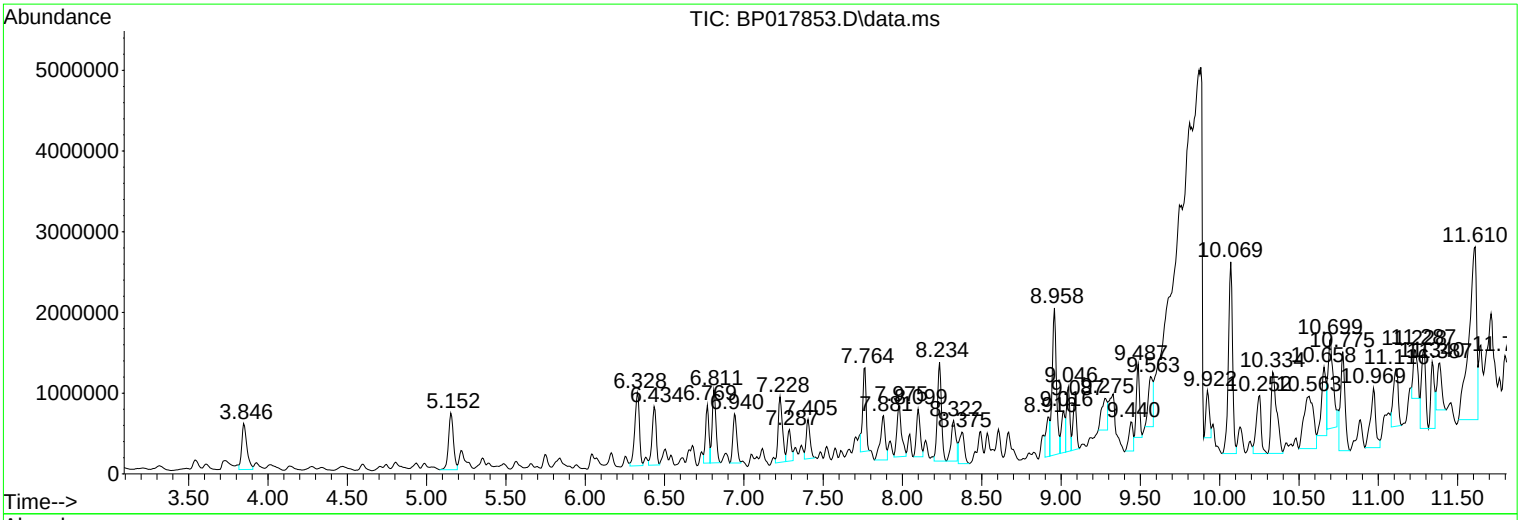
Sum of corrected areas: 205333428

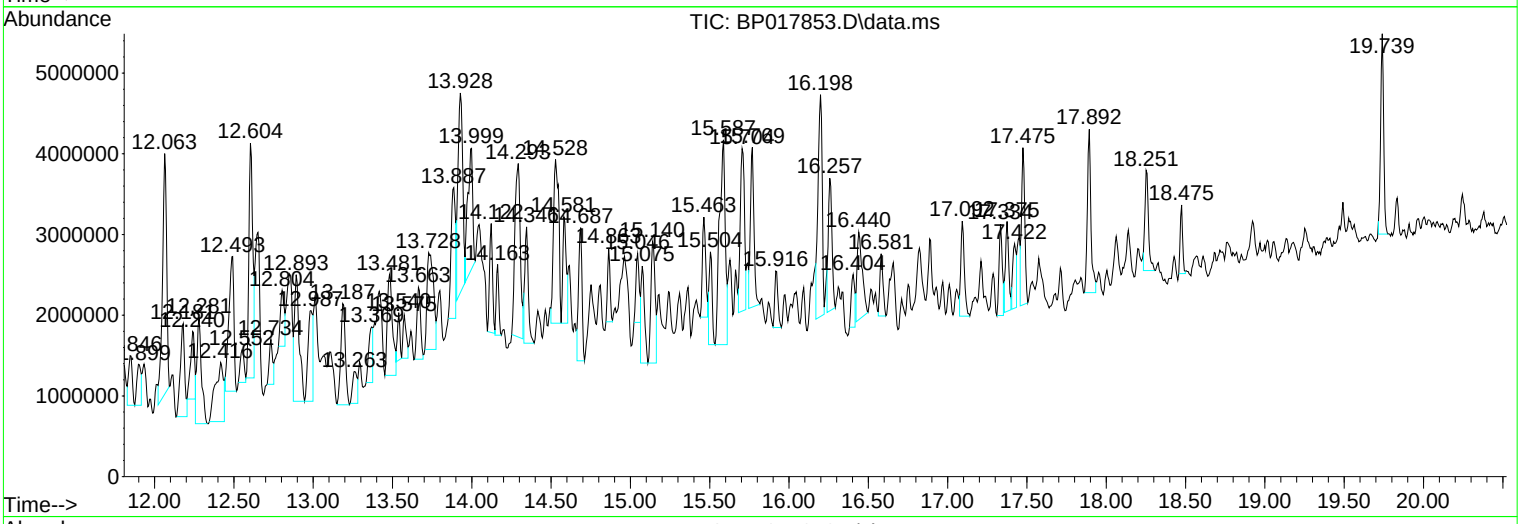
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

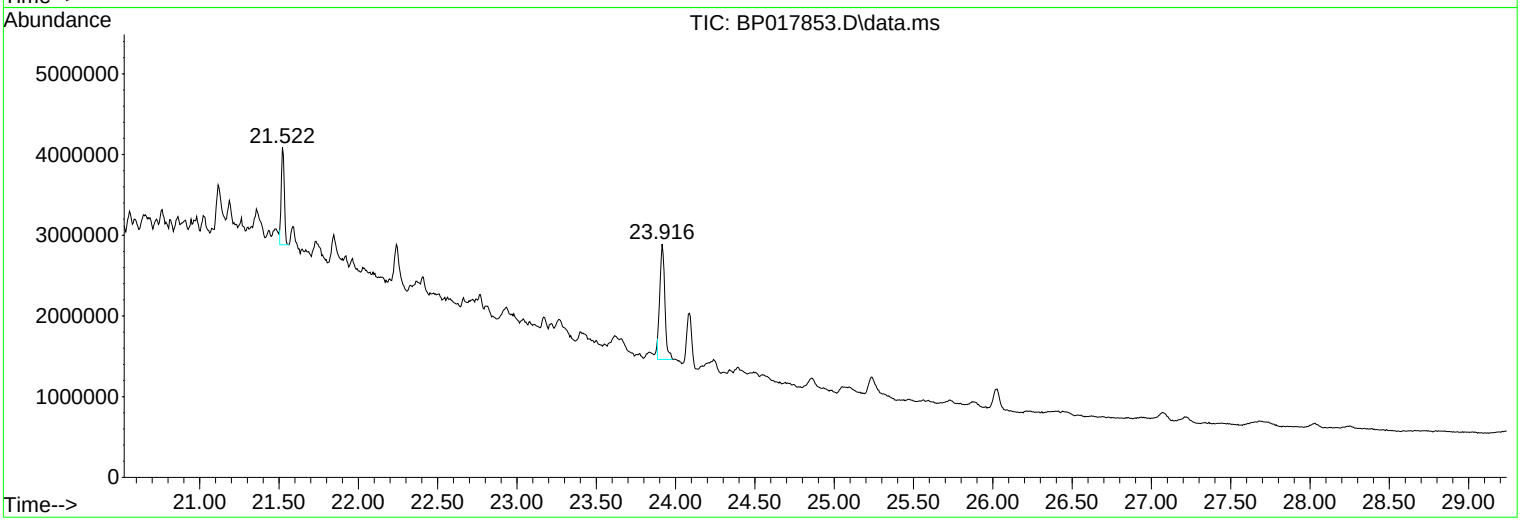
**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

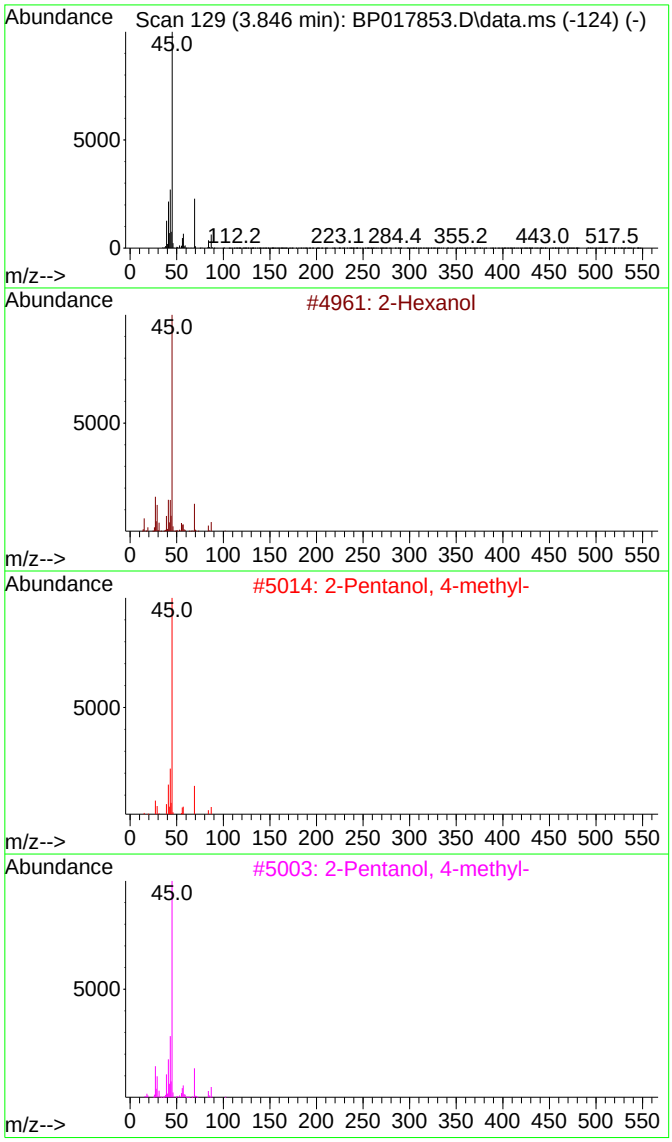
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

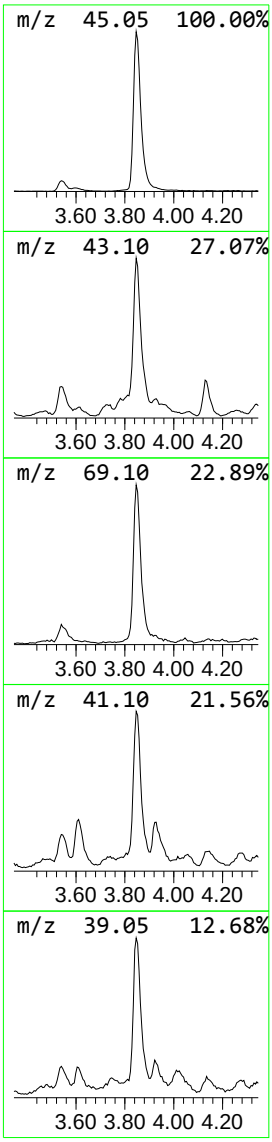
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Hexanol Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.846 | 21.61 ng/ul | 1291580 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 83 |
| 2 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 83 |
| 3 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 83 |
| 4 | 2-Octanol | 130 | C8H18O | 000123-96-6 | 78 |
| 5 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

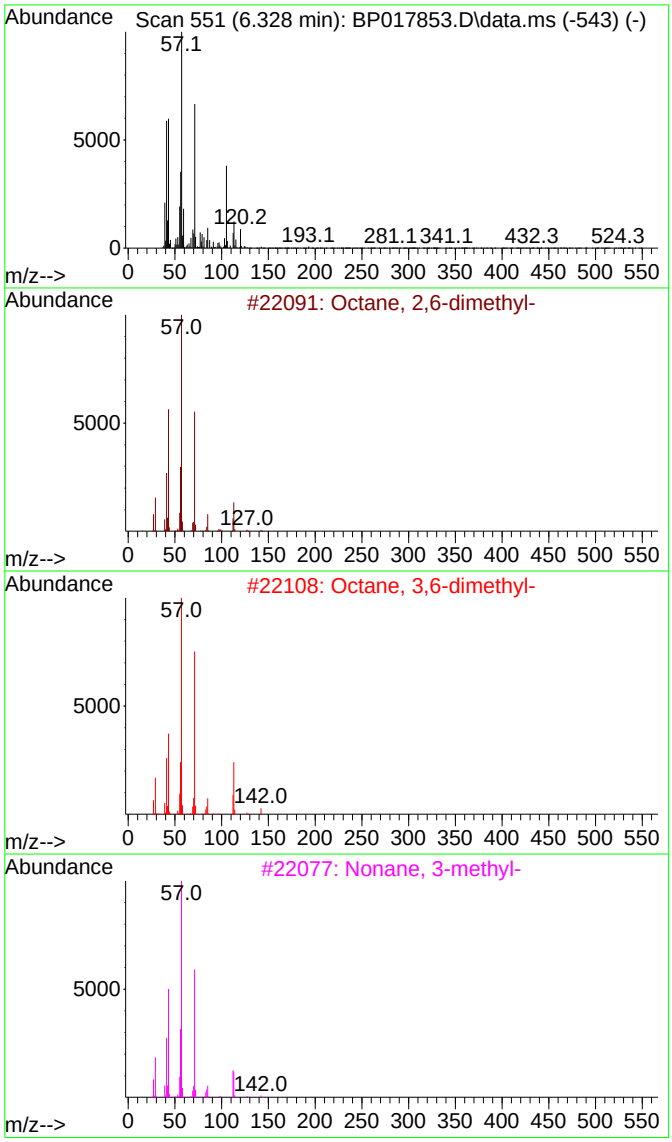
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

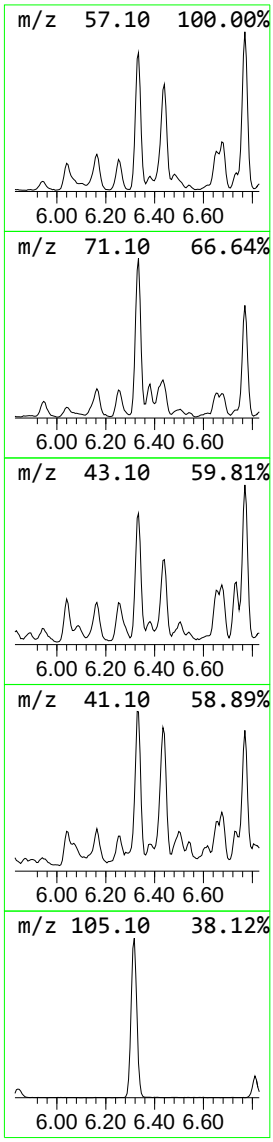
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.328 | 30.70 ng/ul | 1834860 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 81 |
| 2 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 81 |
| 3 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 76 |
| 4 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 74 |
| 5 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

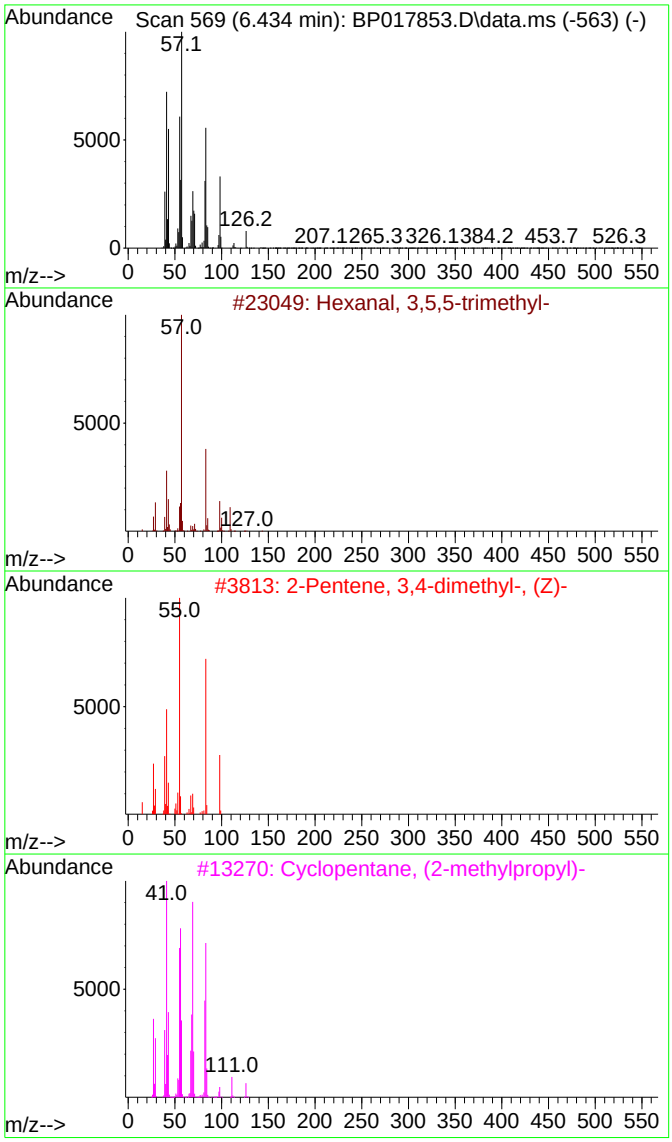
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

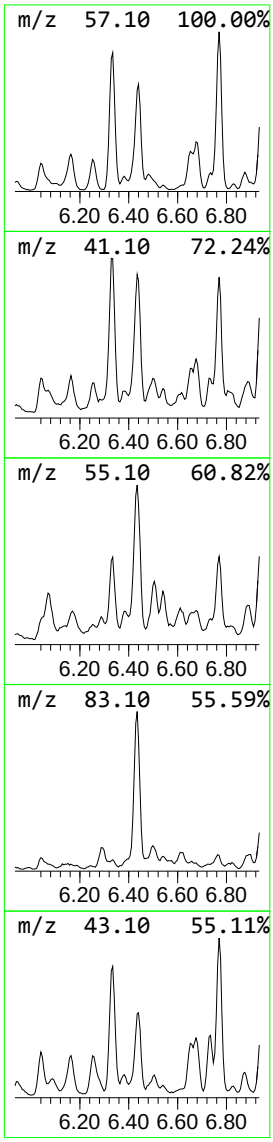
**********

Peak Number 4 unknown-01 Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.434 | 21.80 ng/ul | 1302920 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanal, 3,5,5-trimethyl- | 142 | C9H18O | 005435-64-3 | 47 |
| 2 | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14 | 004914-91-4 | 38 |
| 3 | Cyclopentane, (2-methylpropyl)- | 126 | C9H18 | 003788-32-7 | 38 |
| 4 | 4-Methyl-5,6-dihydro-2H-pyran | 98 | C6H10O | 1000432-32-9 | 38 |
| 5 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

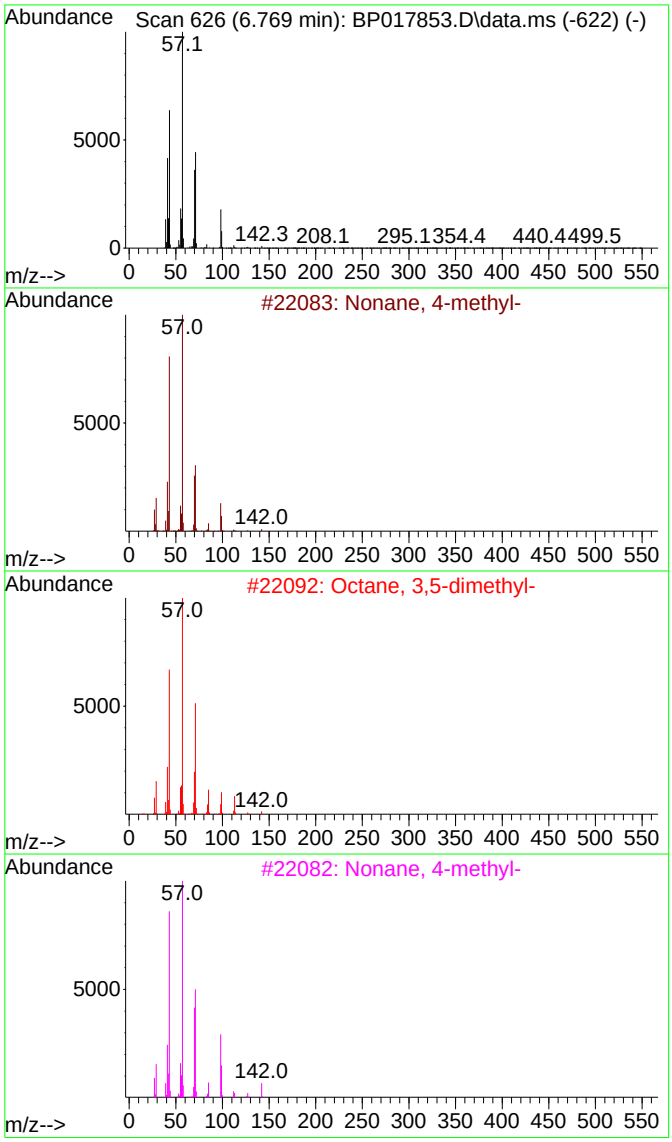
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

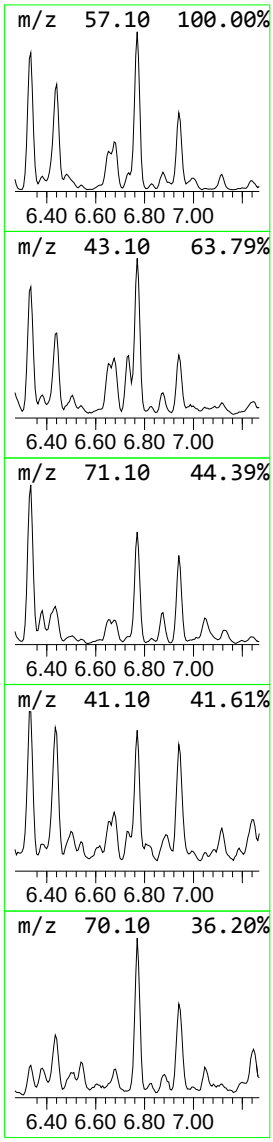
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.769 | 17.63 ng/ul | 1053530 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 91 |
| 2 | Octane, 3,5-dimethyl- | 142 | C10H22 | 015869-93-9 | 68 |
| 3 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 64 |
| 4 | Heptane, 2,3,4-trimethyl- | 142 | C10H22 | 052896-95-4 | 64 |
| 5 | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20 | 007154-79-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

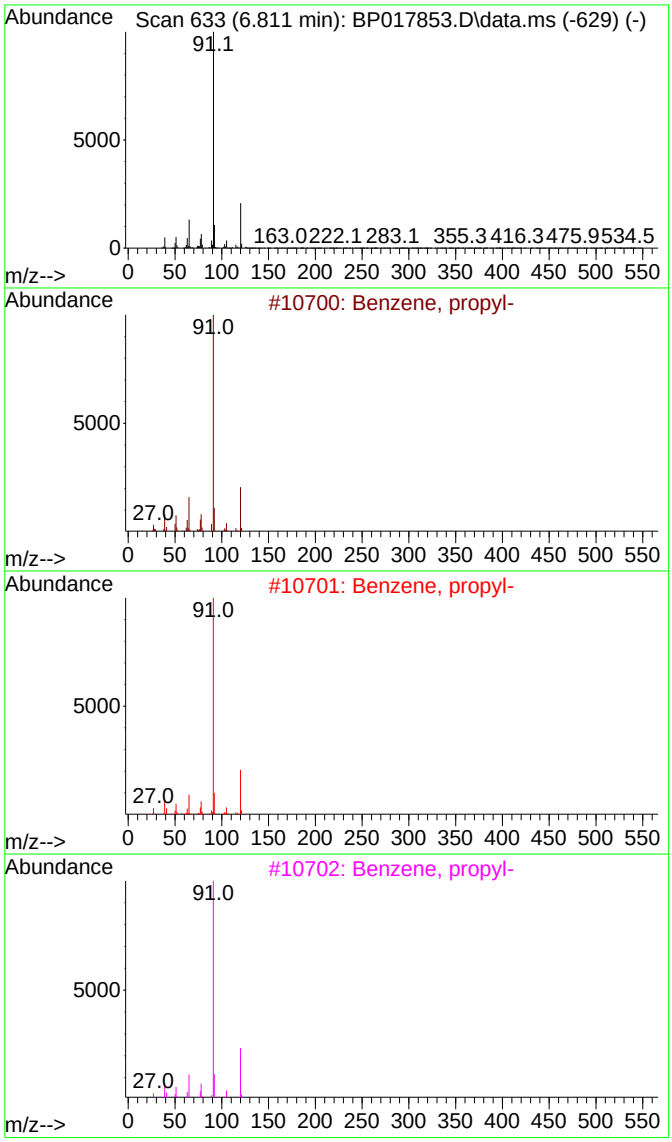
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

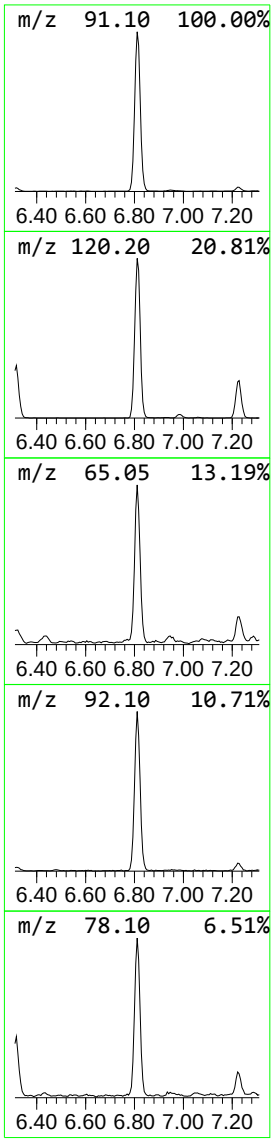
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, propyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.811 | 24.98 ng/ul | 1493190 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 95 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 86 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

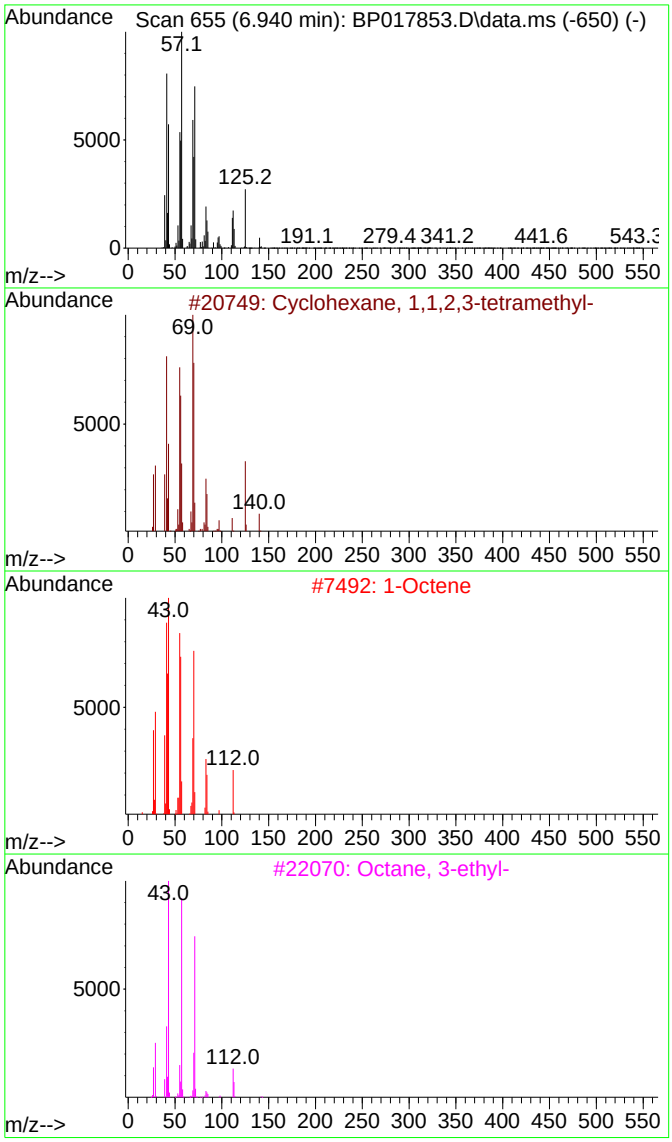
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

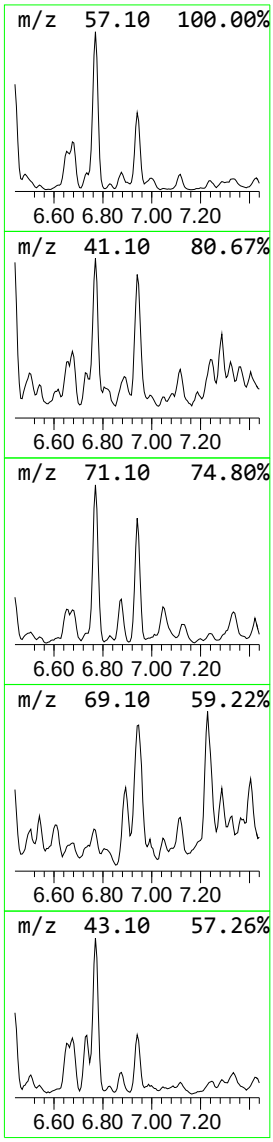
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Cyclic6.940 Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.940 | 17.57 ng/ul | 1050110 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,2,3-tetramethyl- | 140 | C10H20 | 006783-92-2 | 50 |
| 2 | 1-Octene | 112 | C8H16 | 000111-66-0 | 45 |
| 3 | Octane, 3-ethyl- | 142 | C10H22 | 005881-17-4 | 43 |
| 4 | 4-Nonene, 3-methyl-, (Z)- | 140 | C10H20 | 063830-69-3 | 38 |
| 5 | 1-Octene, 3,7-dimethyl- | 140 | C10H20 | 004984-01-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

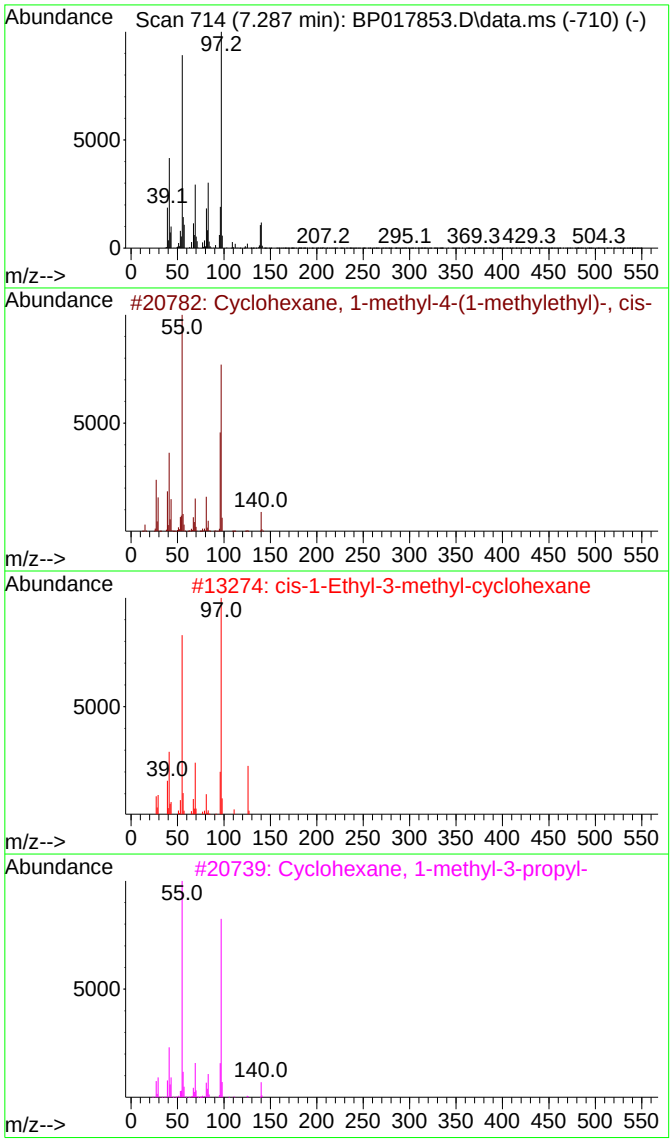
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

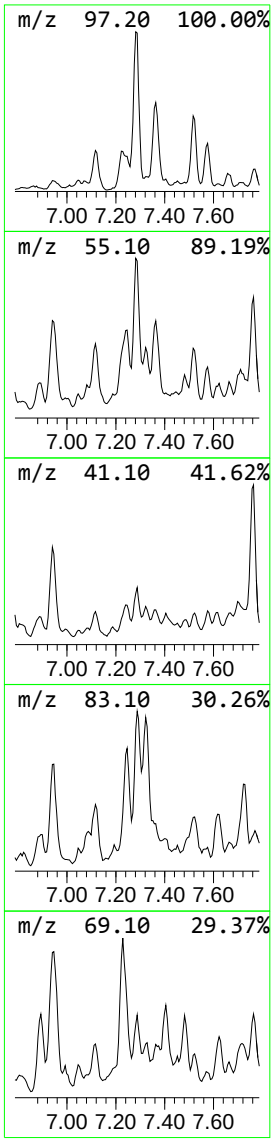
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Cyclic7.287 Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.287 | 11.06 ng/ul | 660739 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 64 |
| 2 | cis-1-Ethyl-3-methyl-cyclohexane | 126 | C9H18 | 019489-10-2 | 59 |
| 3 | Cyclohexane, 1-methyl-3-propyl- | 140 | C10H20 | 004291-80-9 | 58 |
| 4 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 58 |
| 5 | Succinic acid, cyclohexylmethyl ... | 310 | C18H30O4 | 1000391-41-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

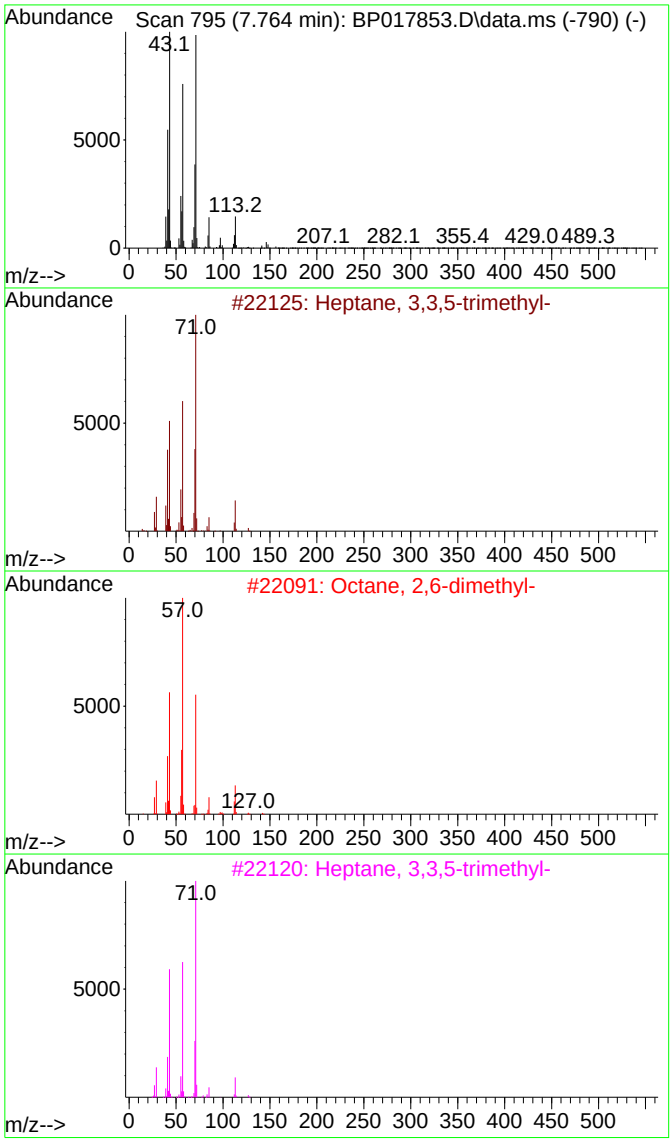
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

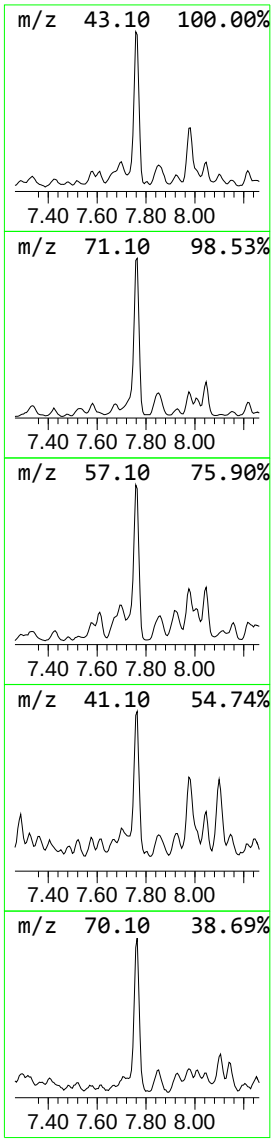
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.764 | 26.34 ng/ul | 1574450 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3,3,5-trimethyl- | 142 | C10H22 | 007154-80-5 | 78 |
| 2 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 72 |
| 3 | Heptane, 3,3,5-trimethyl- | 142 | C10H22 | 007154-80-5 | 64 |
| 4 | 1-Hexene, 3,4,5-trimethyl- | 126 | C9H18 | 056728-10-0 | 58 |
| 5 | Carbonic acid, dipentyl ester | 202 | C11H22O3 | 002050-94-4 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

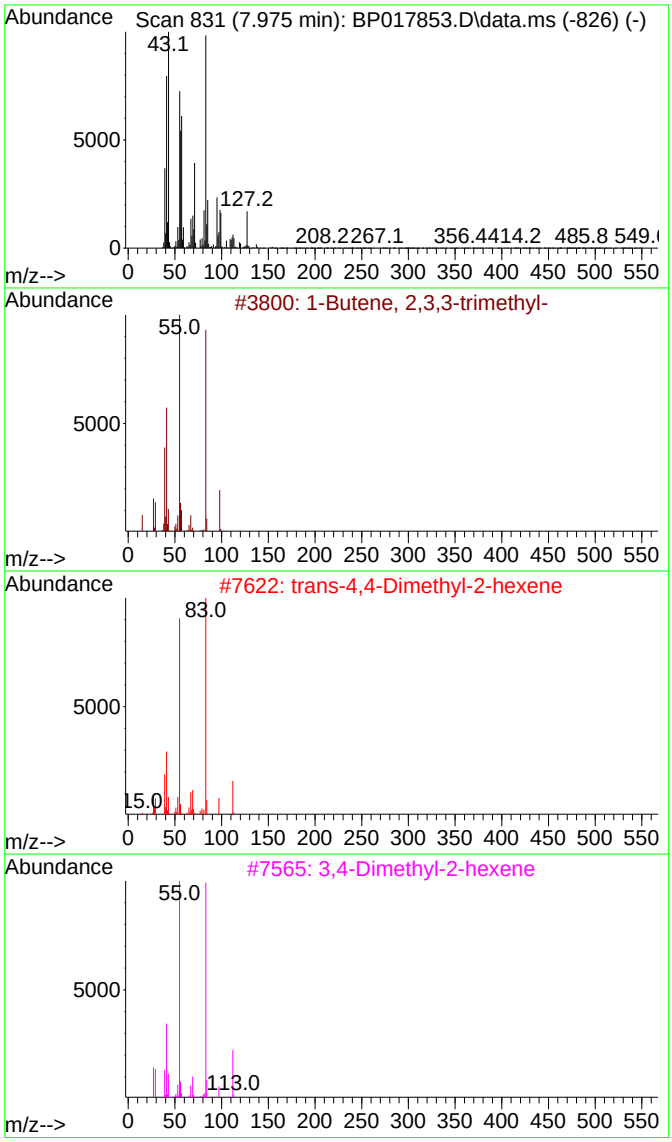
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

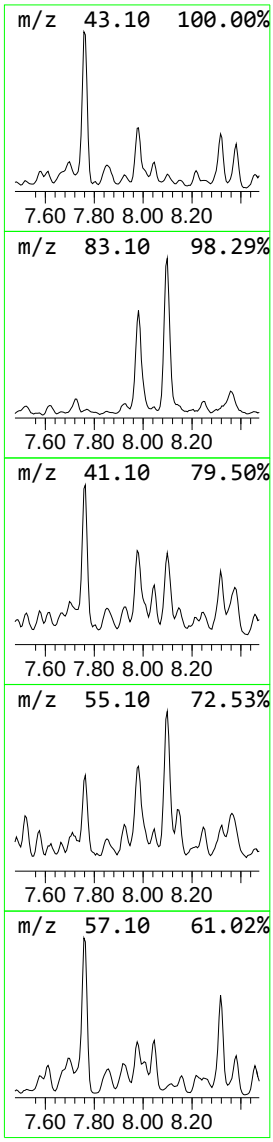
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.975 | 21.84 ng/ul | 1305060 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Butene, 2,3,3-trimethyl- | 98 | C7H14 | 000594-56-9 | 30 |
| 2 | trans-4,4-Dimethyl-2-hexene | 112 | C8H16 | 019550-83-5 | 30 |
| 3 | 3,4-Dimethyl-2-hexene | 112 | C8H16 | 002213-37-8 | 25 |
| 4 | Cyclopentane, 1-methyl-2-(2-prop... | 124 | C9H16 | 050746-53-7 | 25 |
| 5 | 1,3-Dimethylcyclopentanol | 114 | C7H14O | 019550-46-0 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

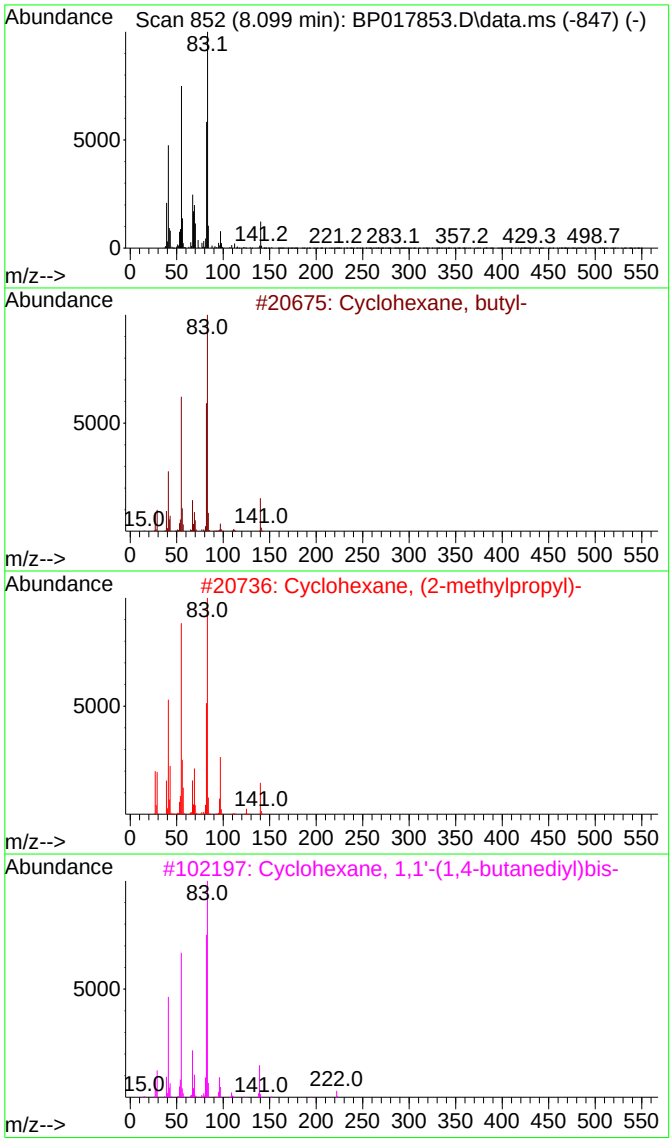
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

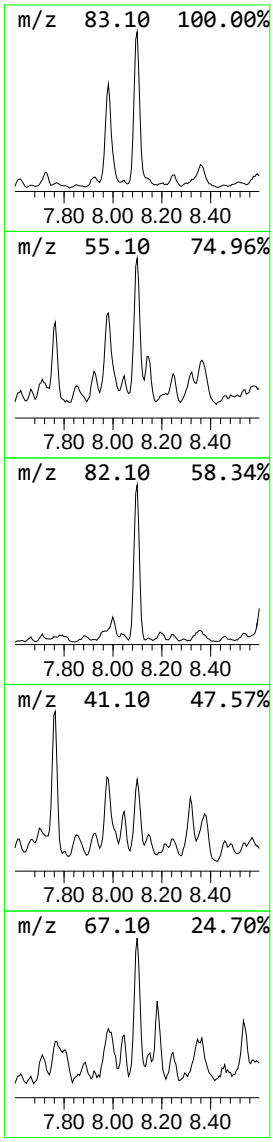
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Cyclic8.099 Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.099 | 16.74 ng/ul | 1000500 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 87 |
| 2 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 72 |
| 3 | Cyclohexane, 1,1'-(1,4-butanediy... | 222 | C16H30 | 006165-44-2 | 72 |
| 4 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 68 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

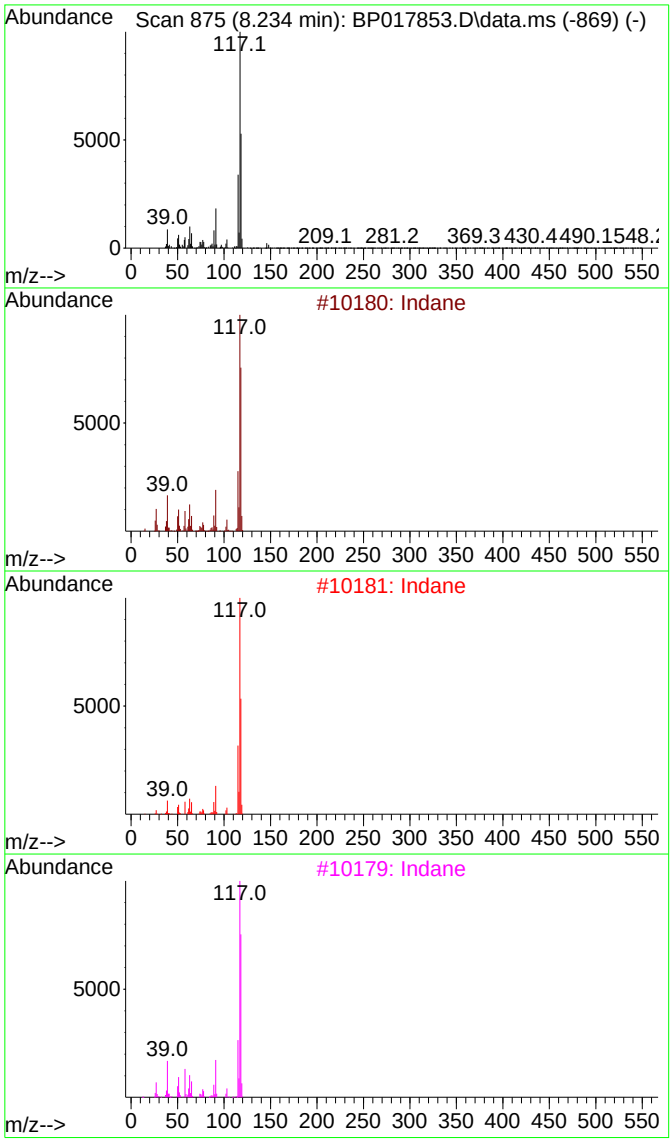
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

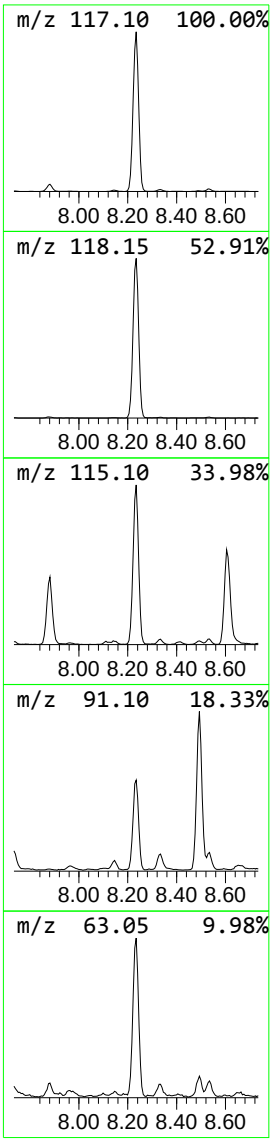
**********

Peak Number 12 Indane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.234 | 36.54 ng/ul | 2183670 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 90 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 64 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

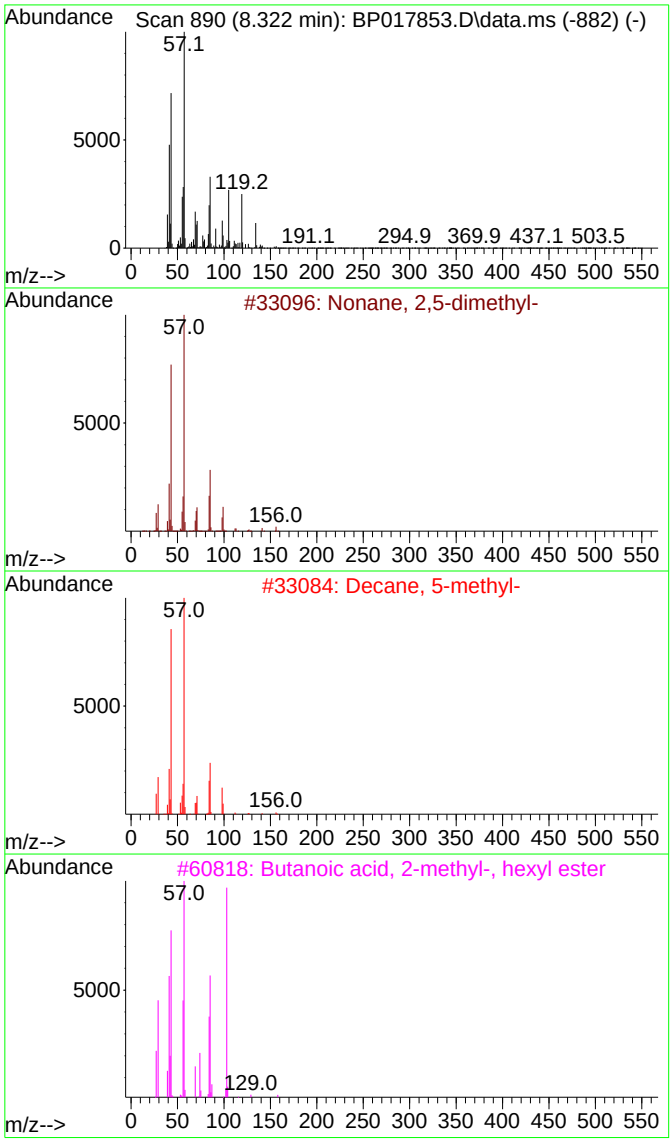
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

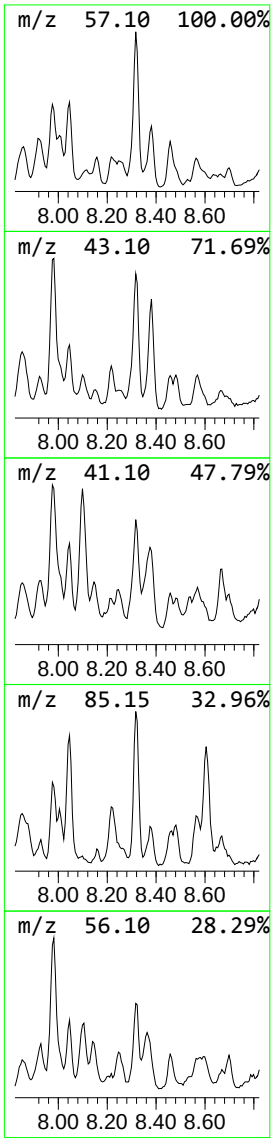
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.322 | 18.14 ng/ul | 1084180 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 2,5-dimethyl- | 156 | C11H24 | 017302-27-1 | 50 |
| 2 | Decane, 5-methyl- | 156 | C11H24 | 013151-35-4 | 43 |
| 3 | Butanoic acid, 2-methyl-, hexyl ... | 186 | C11H22O2 | 010032-15-2 | 38 |
| 4 | 3-Methylpentan-2-yl trifluoroace... | 198 | C8H13F3O2 | 155090-02-1 | 38 |
| 5 | Decane, 5-methyl- | 156 | C11H24 | 013151-35-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

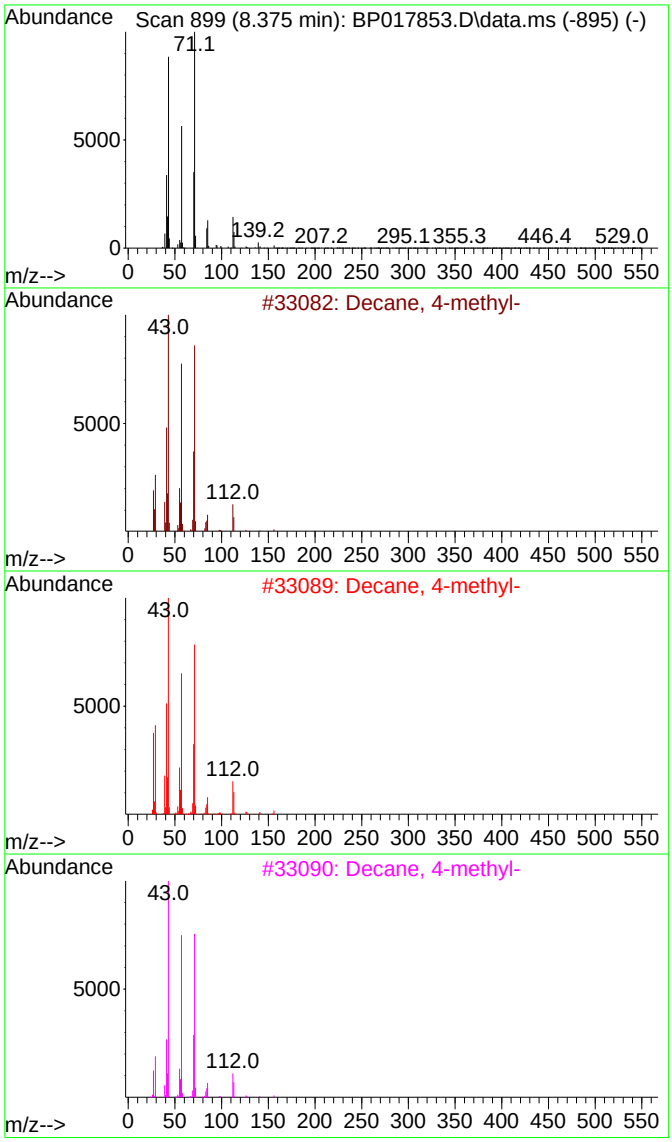
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

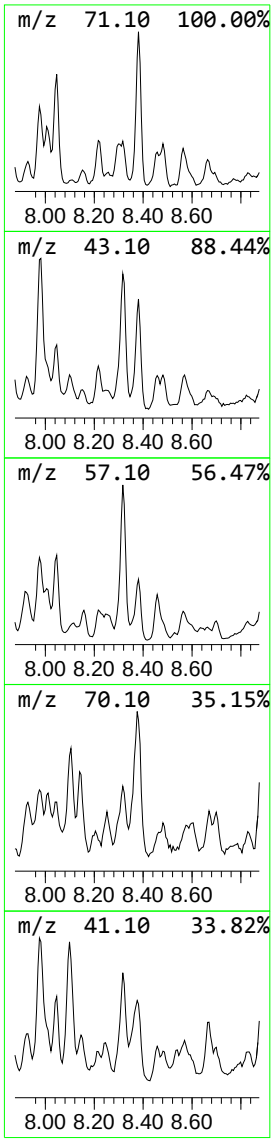
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.375 | 13.72 ng/ul | 820055 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 91 |
| 2 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 83 |
| 3 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 74 |
| 4 | 4-Methyl-3-heptanol, chlorodiflu... | 242 | C10H17ClF2O2 | 1000447-27-4 | 72 |
| 5 | Pentane, 3,3-dimethyl- | 100 | C7H16 | 000562-49-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

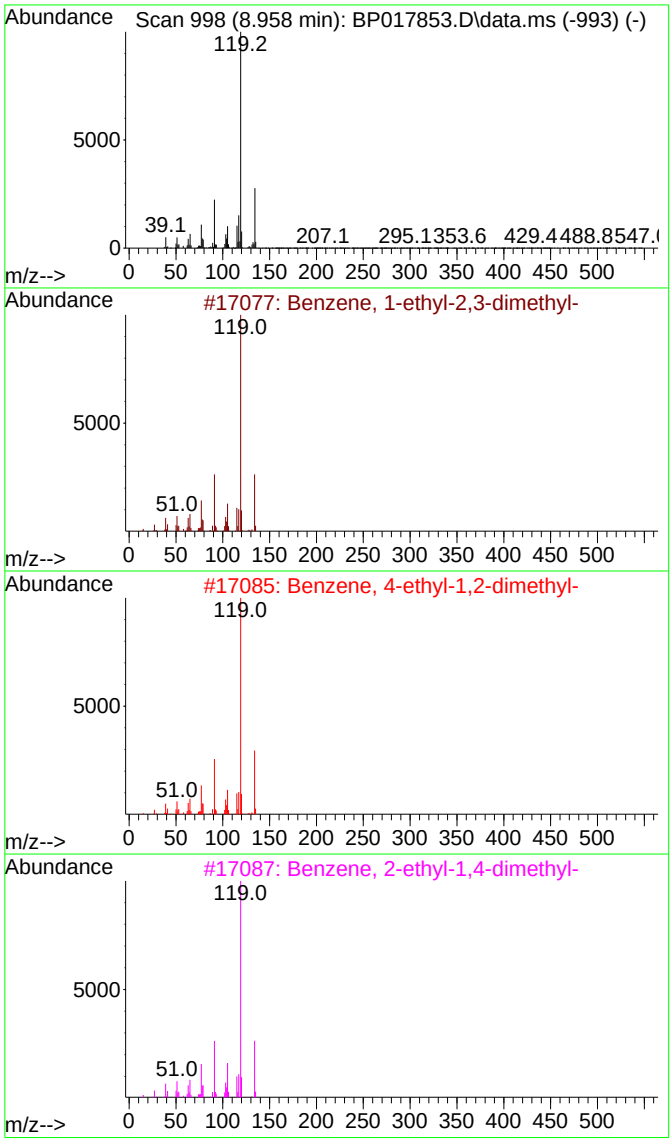
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

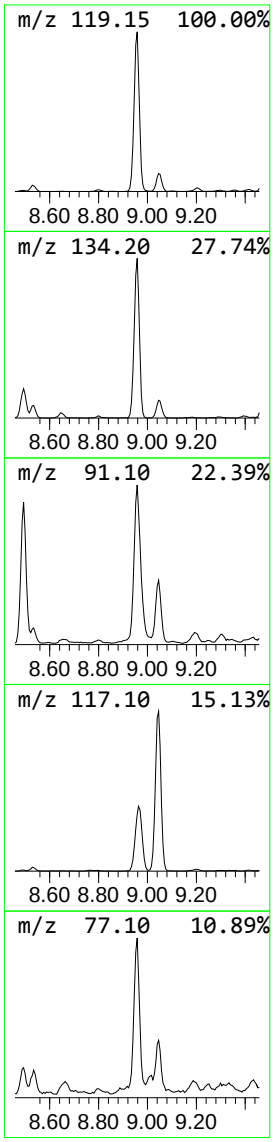
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.958 | 56.76 ng/ul | 3391960 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 4 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

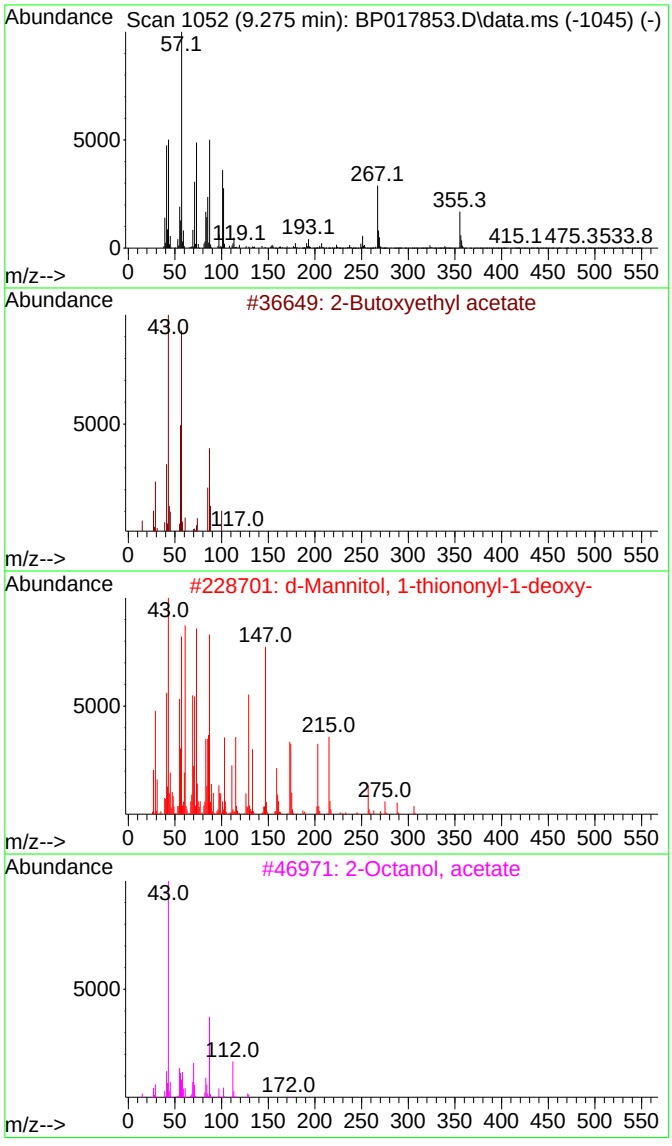
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

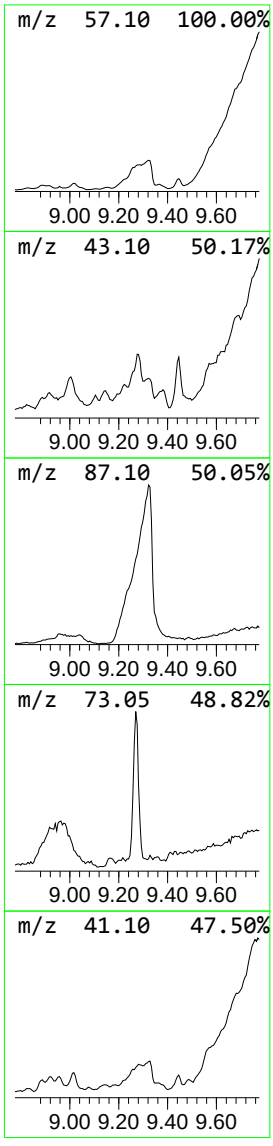
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 unknown-02 Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.275 | 16.98 ng/ul | 1015080 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butoxyethyl acetate | 160 | C8H16O3 | 000112-07-2 | 16 |
| 2 | d-Mannitol, 1-thiononyl-1-deoxy- | 324 | C15H32O5S | 1000154-48-3 | 16 |
| 3 | 2-Octanol, acetate | 172 | C10H20O2 | 002051-50-5 | 14 |
| 4 | Octadecanoic acid, ethenyl ester | 310 | C20H38O2 | 000111-63-7 | 10 |
| 5 | Carbonic acid, allyl hexyl ester | 186 | C10H18O3 | 1000314-65-1 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

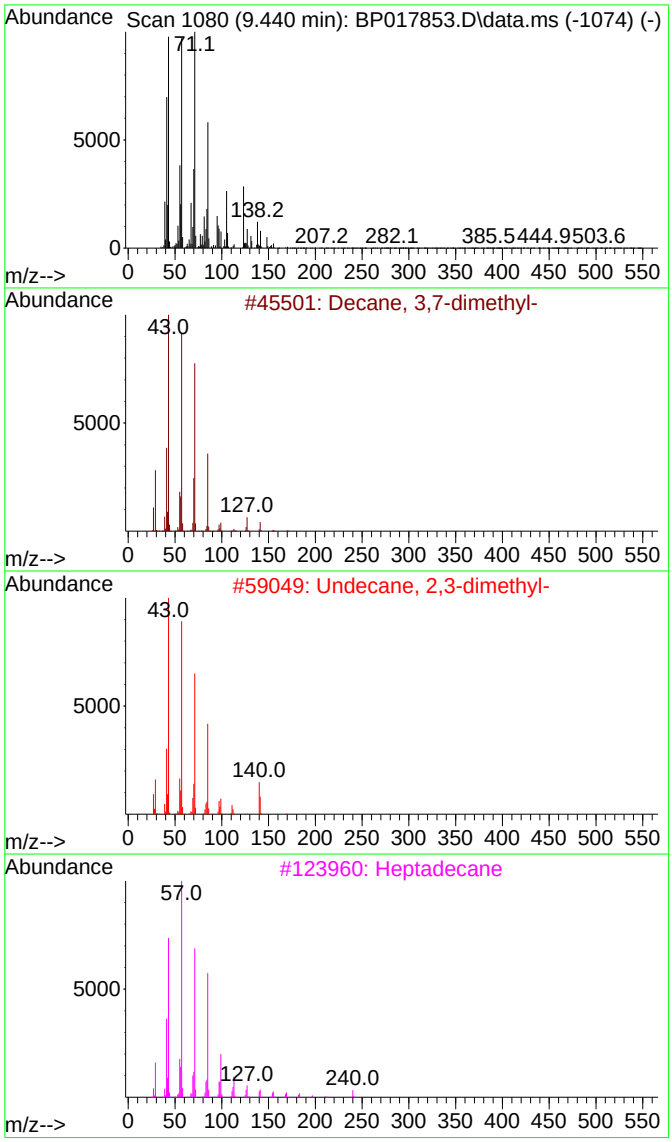
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

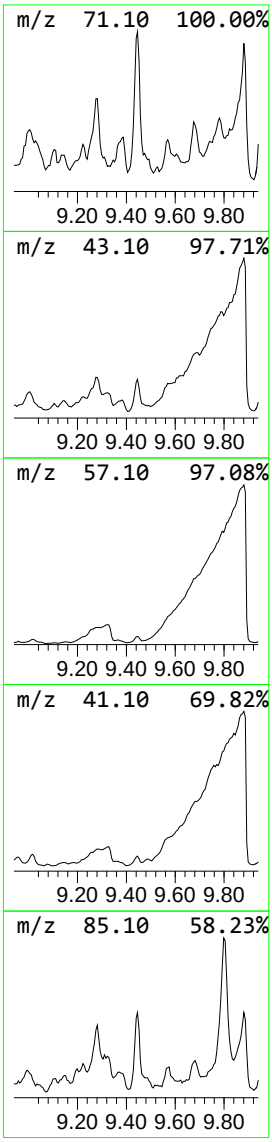
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 77

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.440 | 5.27 ng/ul | 661122 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3,7-dimethyl- | 170 | C12H26 | 017312-54-8 | 50 |
| 2 | Undecane, 2,3-dimethyl- | 184 | C13H28 | 017312-77-5 | 43 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 43 |
| 4 | Octane, 2,6,6-trimethyl- | 156 | C11H24 | 054166-32-4 | 35 |
| 5 | Sulfurous acid, decyl 2-pentyl e... | 292 | C15H32O3S | 1000309-15-9 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

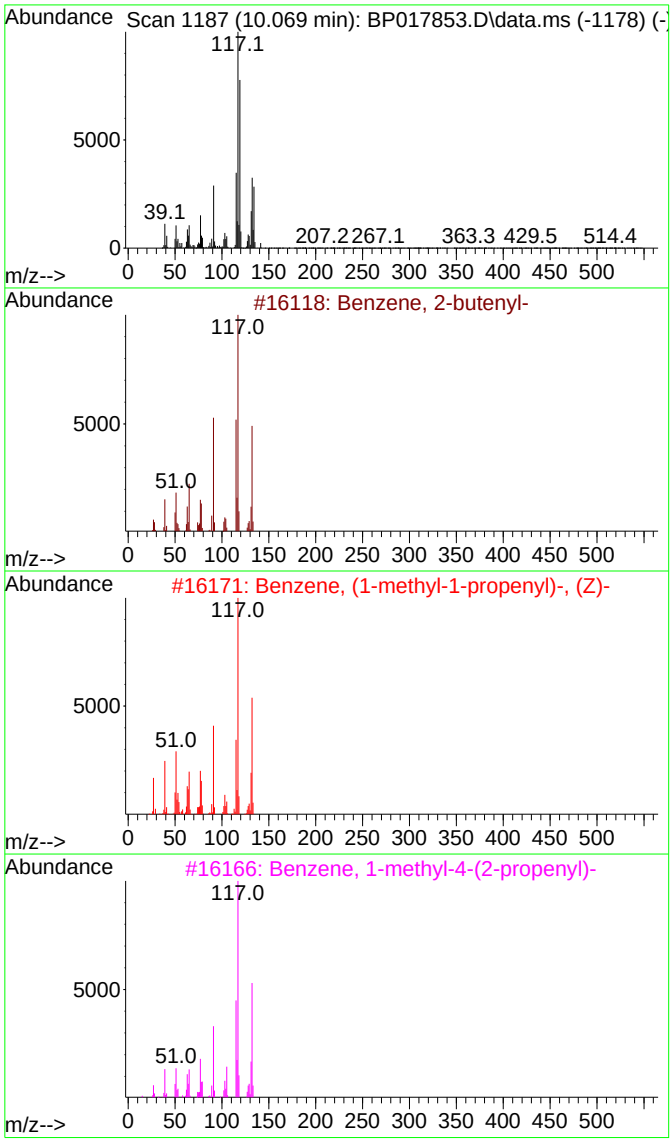
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

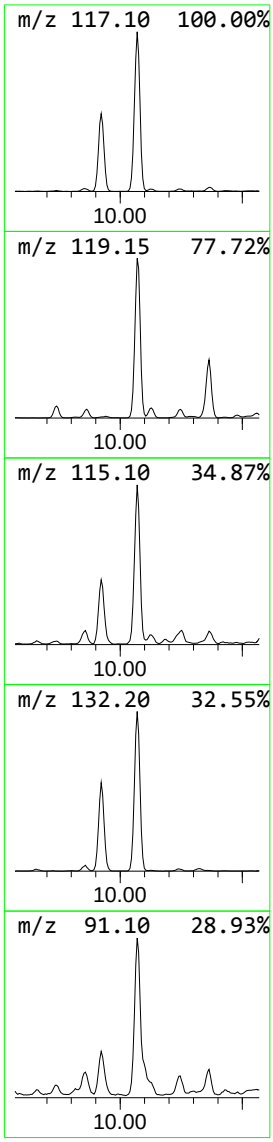
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzene, 2-butenyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.069 | 34.69 ng/ul | 4349560 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 78 |
| 2 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 78 |
| 3 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 78 |
| 4 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 78 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

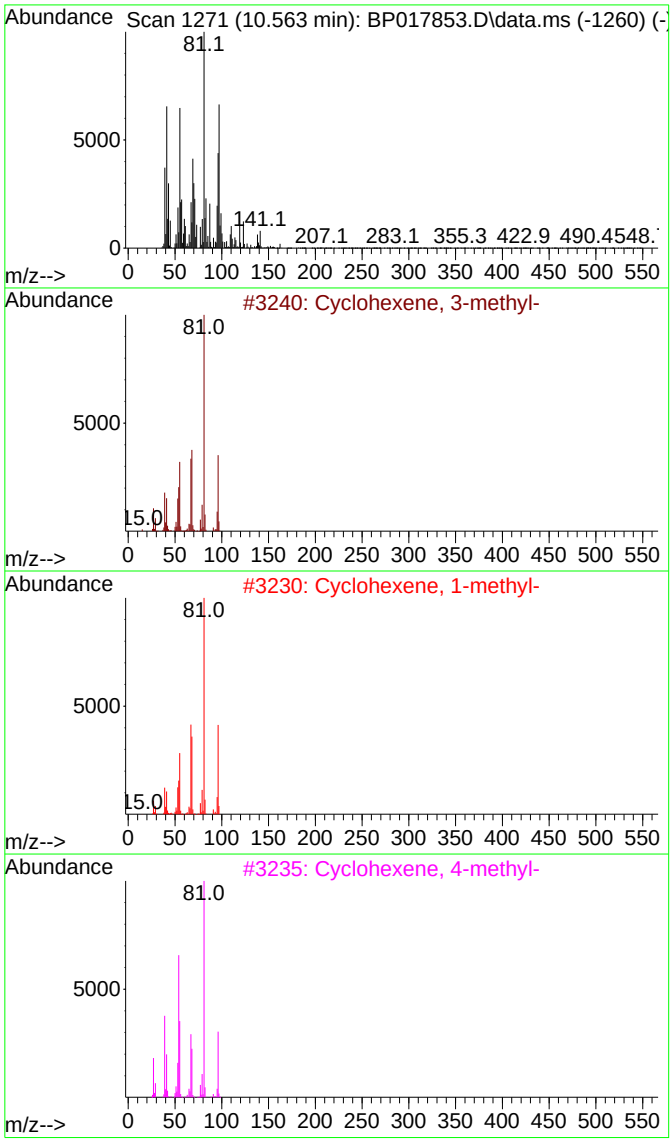
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

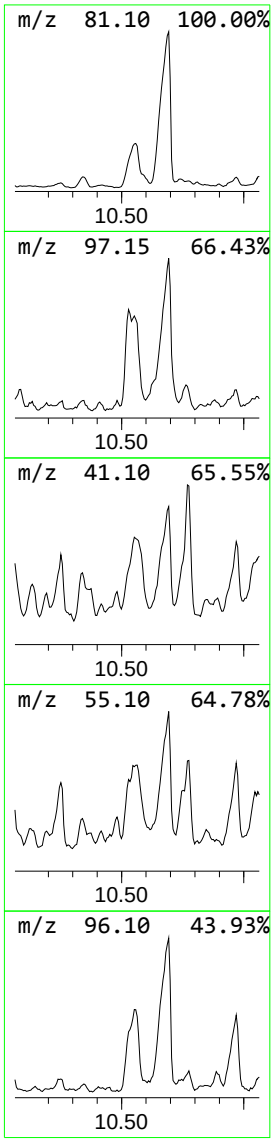
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 unknown-03 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.563 | 22.09 ng/ul | 2769430 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 3-methyl- | 96 | C7H12 | 000591-48-0 | 46 |
| 2 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 43 |
| 3 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 43 |
| 4 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 43 |
| 5 | 4-Ethylcyclohexanol | 128 | C8H16O | 004534-74-1 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

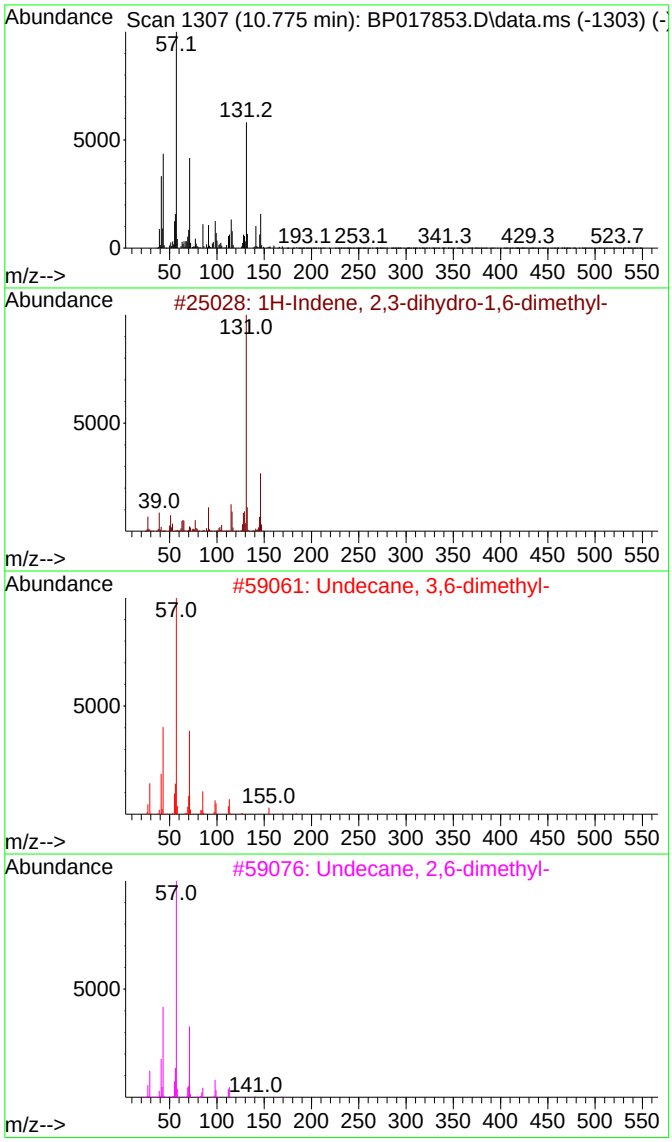
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

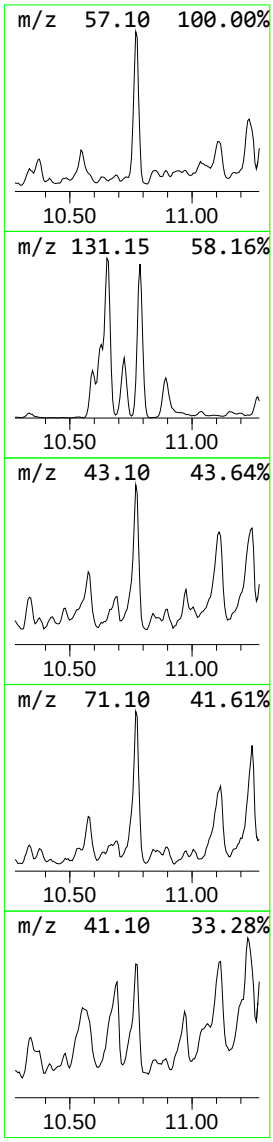
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.775 | 18.12 ng/ul | 2272100 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 55 |
| 2 | Undecane, 3,6-dimethyl- | 184 | C13H28 | 017301-28-9 | 46 |
| 3 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 46 |
| 4 | Dodecane, 6-methyl- | 184 | C13H28 | 006044-71-9 | 46 |
| 5 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

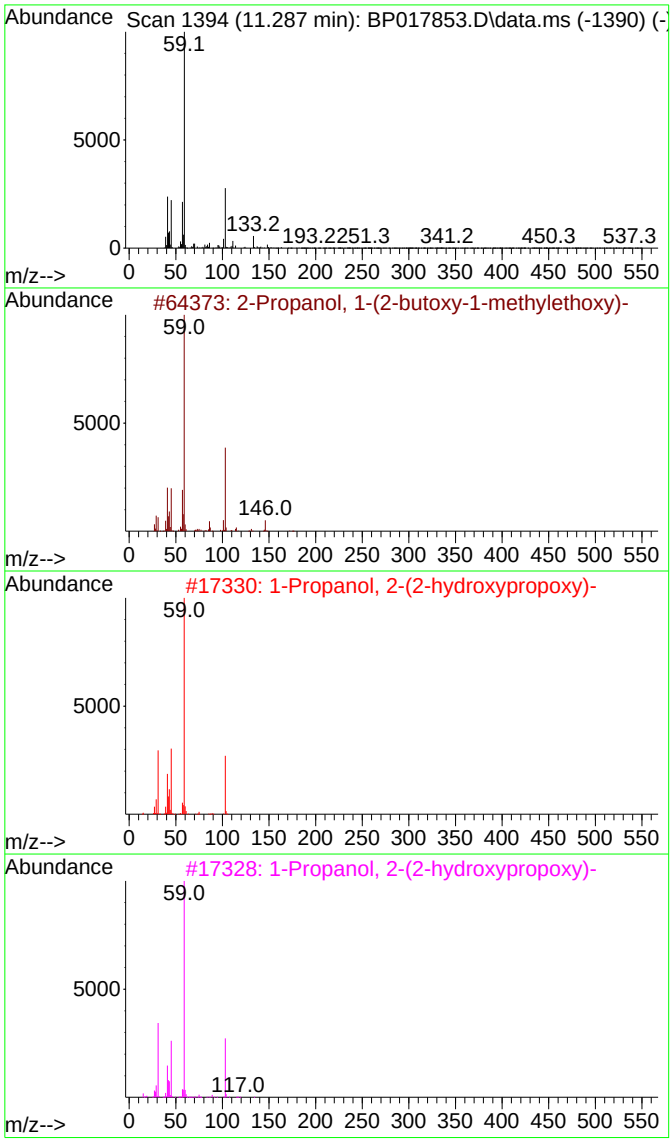
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

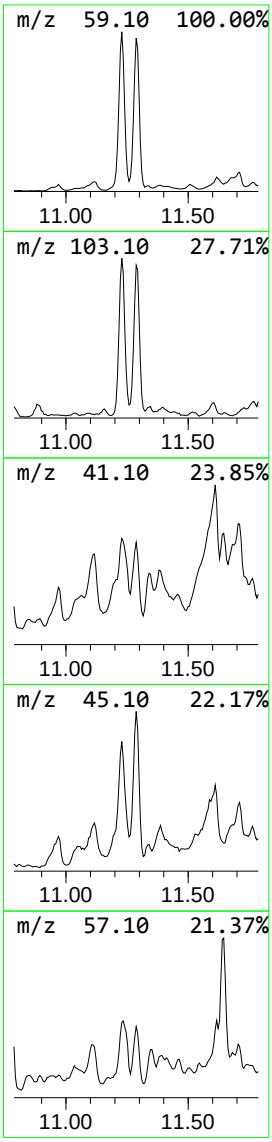
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.287 | 13.92 ng/ul | 1745040 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-butoxy-1-methyl... | 190 | C10H22O3 | 029911-28-2 | 78 |
| 2 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 72 |
| 3 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 72 |
| 4 | Dipropylene glycol (isomer 3) | 134 | C6H14O3 | 1000506-25-5 | 72 |
| 5 | Dipropylene glycol (isomer 2) | 134 | C6H14O3 | 1000506-25-4 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

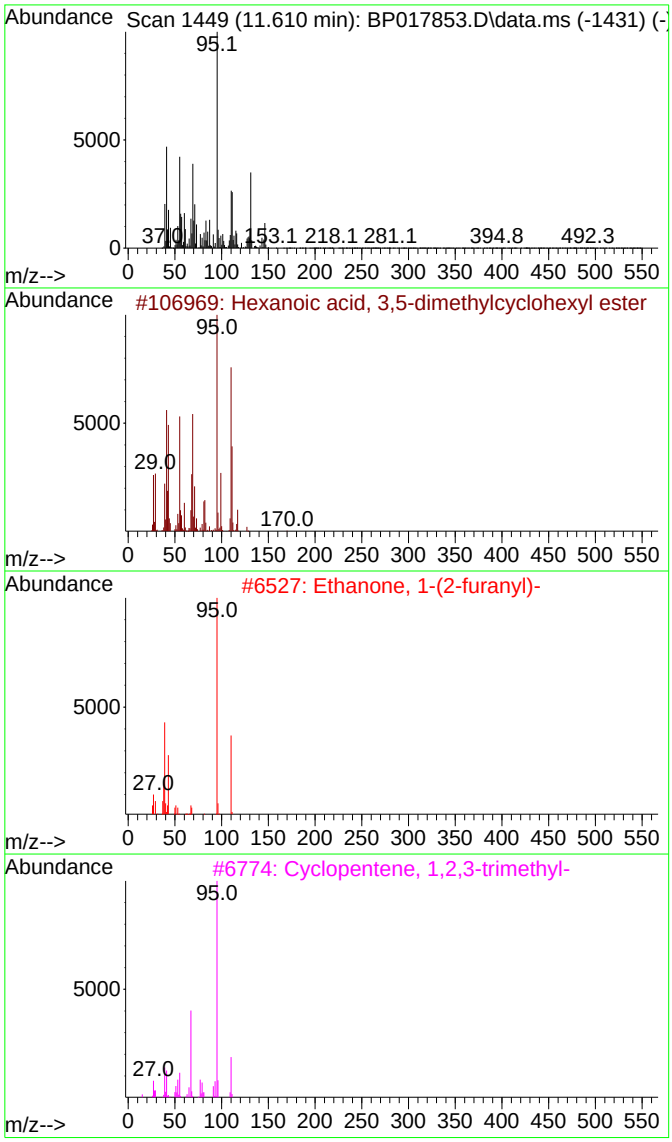
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

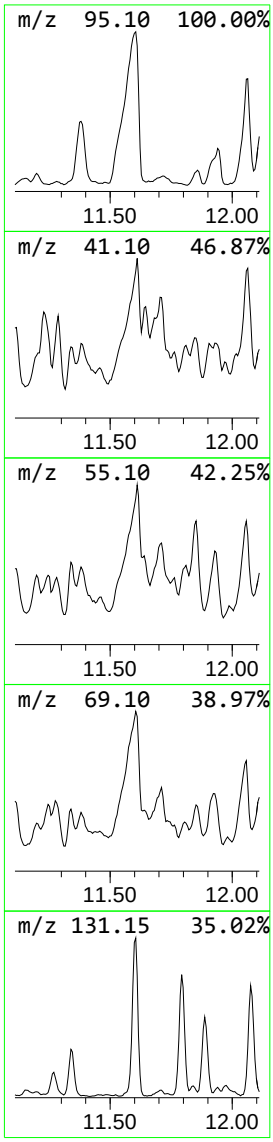
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Hexanoic acid, 3,5-dimethyl... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.610 | 58.58 ng/ul | 7343630 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 3,5-dimethylcyclo... | 226 | C14H26O2 | 1000279-28-3 | 50 |
| 2 | Ethanone, 1-(2-furanyl)- | 110 | C6H6O2 | 001192-62-7 | 43 |
| 3 | Cyclopentene, 1,2,3-trimethyl- | 110 | C8H14 | 000473-91-6 | 38 |
| 4 | 6-Hepten-1-ol, 2-methyl- | 128 | C8H16O | 1000132-12-0 | 37 |
| 5 | 5-Hepten-2-ol, 6-methyl- | 128 | C8H16O | 001569-60-4 | 37 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

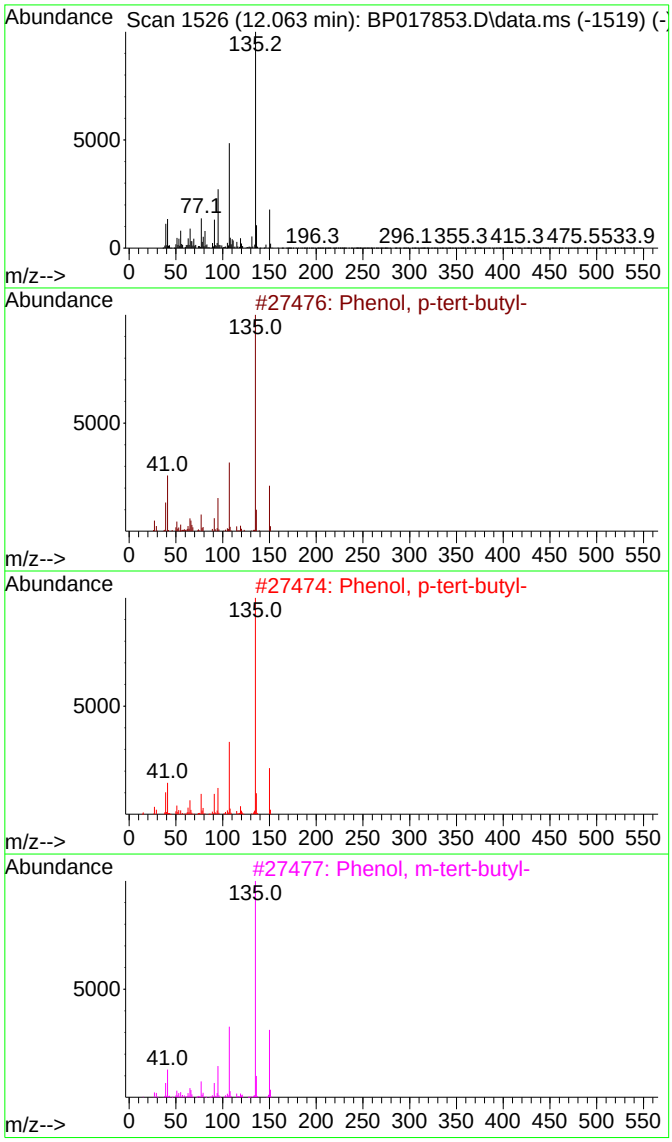
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

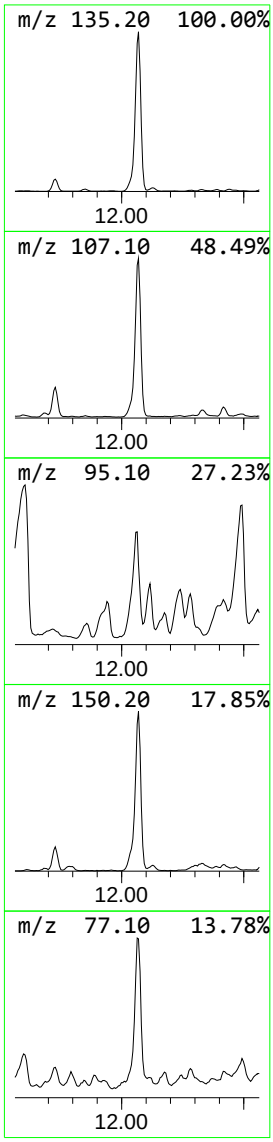
**********

Peak Number 38 Phenol, p-tert-butyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.063 | 43.78 ng/ul | 5489260 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 93 |
| 2 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 91 |
| 3 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 90 |
| 4 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 90 |
| 5 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

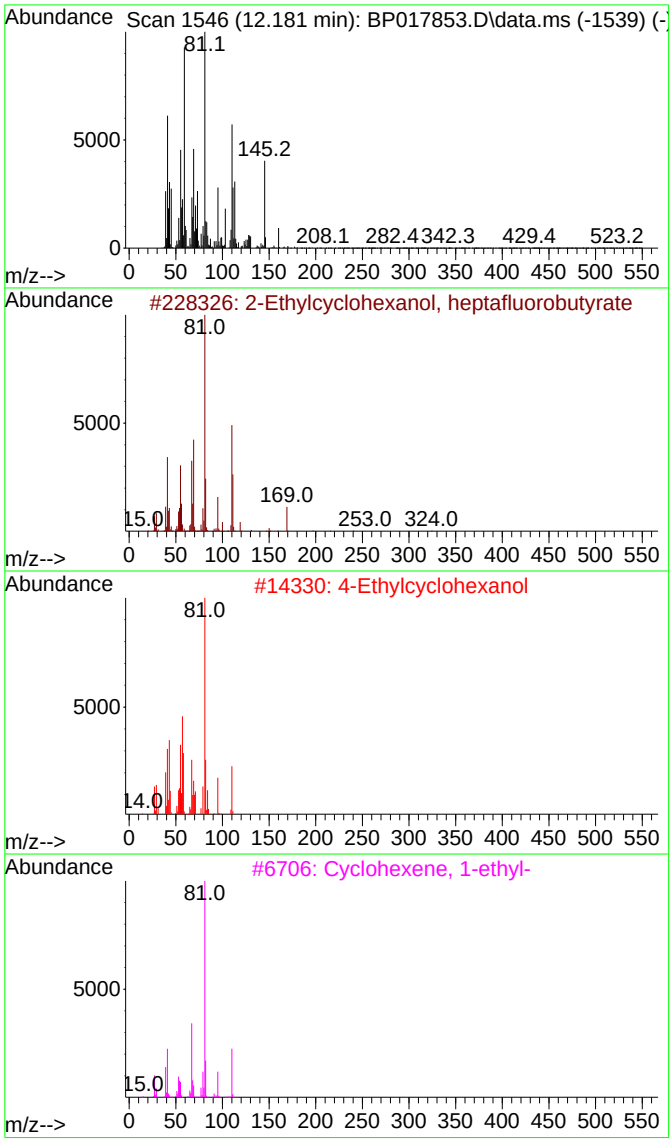
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

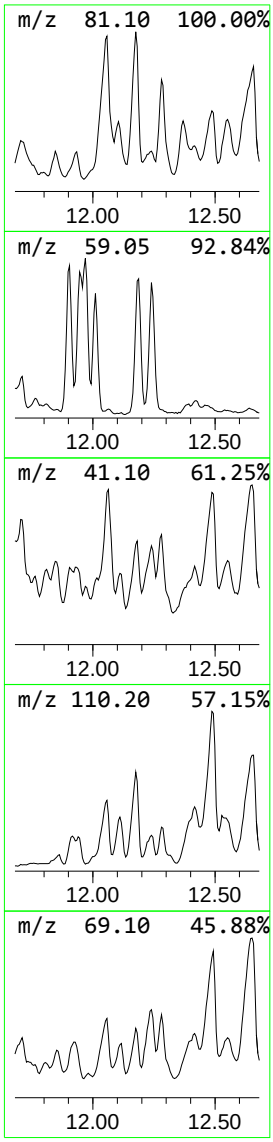
**********

Peak Number 39 unknown-04 Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.181 | 17.50 ng/ul | 2193880 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Ethylcyclohexanol, heptafluoro... | 324 | C12H15F7O2 | 959079-92-6 | 35 |
| 2 | 4-Ethylcyclohexanol | 128 | C8H16O | 004534-74-1 | 27 |
| 3 | Cyclohexene, 1-ethyl- | 110 | C8H14 | 001453-24-3 | 27 |
| 4 | Cyclohexene, 1-ethyl- | 110 | C8H14 | 001453-24-3 | 27 |
| 5 | 2,4-Heptadienal, (E,E)- | 110 | C7H10O | 004313-03-5 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

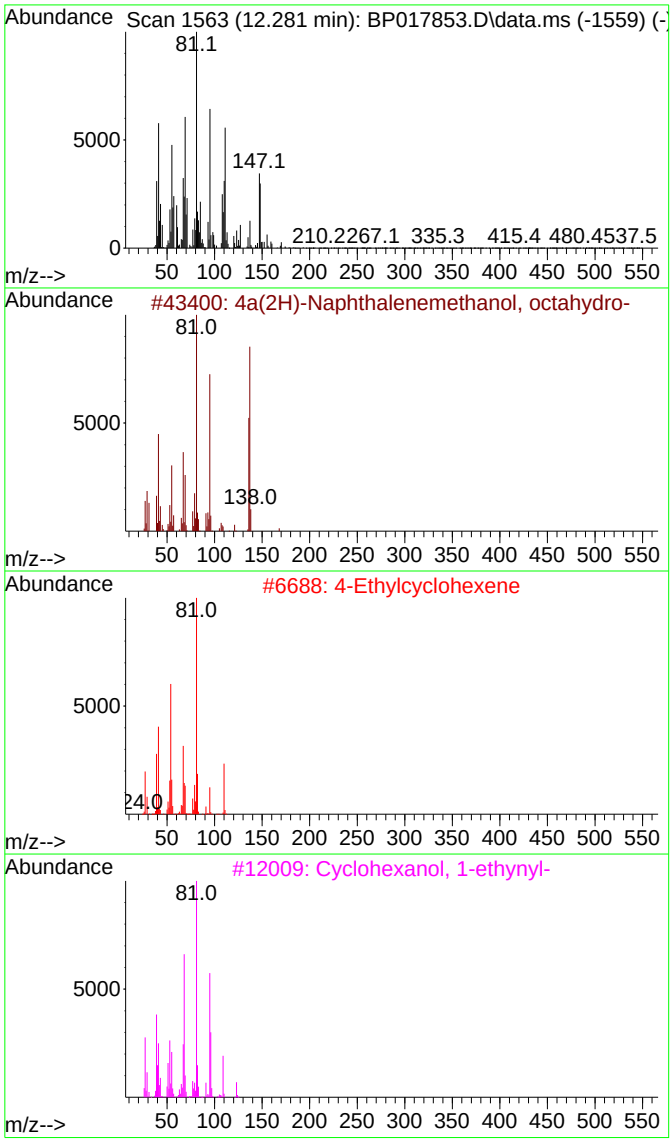
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

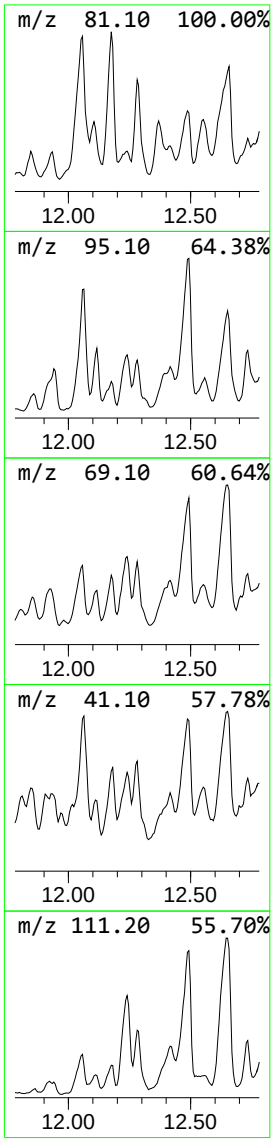
**********

Peak Number 41 unknown-05 Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.281 | 20.73 ng/ul | 2598360 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4a(2H)-Naphthalenemethanol, octa... | 168 | C11H20O | 099992-19-5 | 35 |
| 2 | 4-Ethylcyclohexene | 110 | C8H14 | 003742-42-5 | 30 |
| 3 | Cyclohexanol, 1-ethynyl- | 124 | C8H12O | 000078-27-3 | 30 |
| 4 | Cyclohexane, ethylidene- | 110 | C8H14 | 001003-64-1 | 25 |
| 5 | Cyclohexene, 1-ethyl- | 110 | C8H14 | 001453-24-3 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

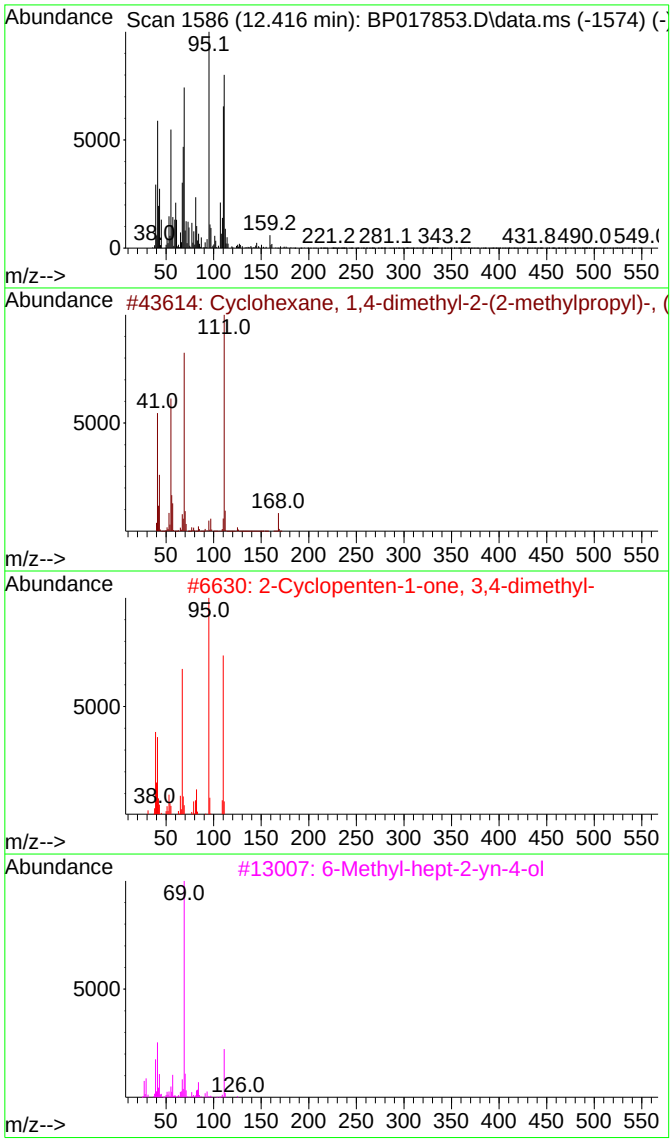
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

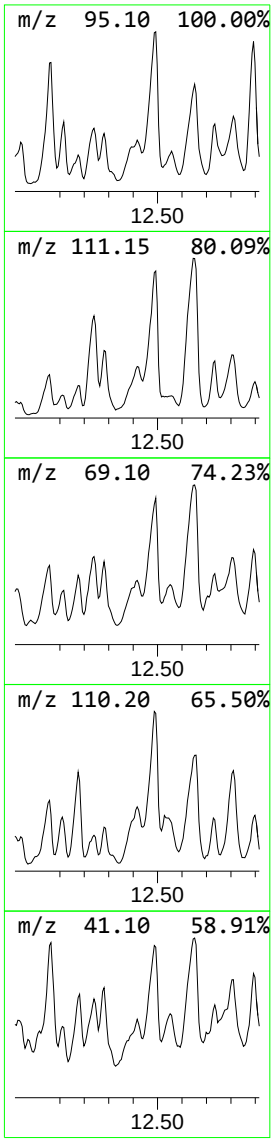
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Cyclic12.416 Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.416 | 20.91 ng/ul | 2621180 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,4-dimethyl-2-(2-m... | 168 | C12H24 | 054411-17-5 | 35 |
| 2 | 2-Cyclopenten-1-one, 3,4-dimethyl- | 110 | C7H10O | 030434-64-1 | 30 |
| 3 | 6-Methyl-hept-2-yn-4-ol | 126 | C8H14O | 060018-69-1 | 27 |
| 4 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 27 |
| 5 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-27-3 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

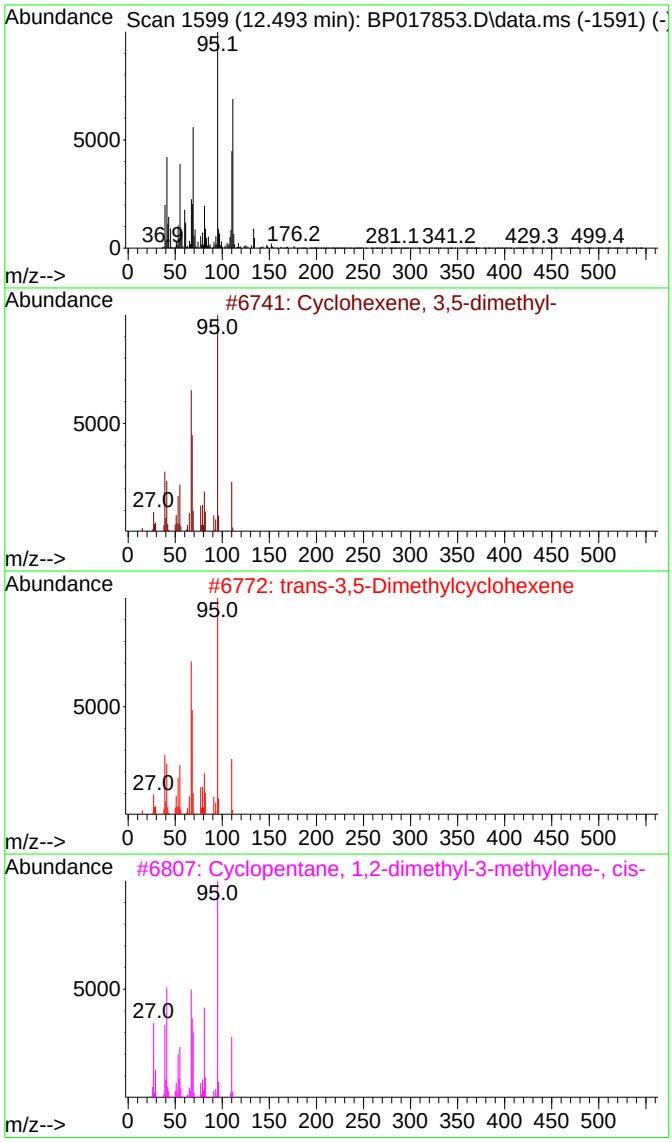
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

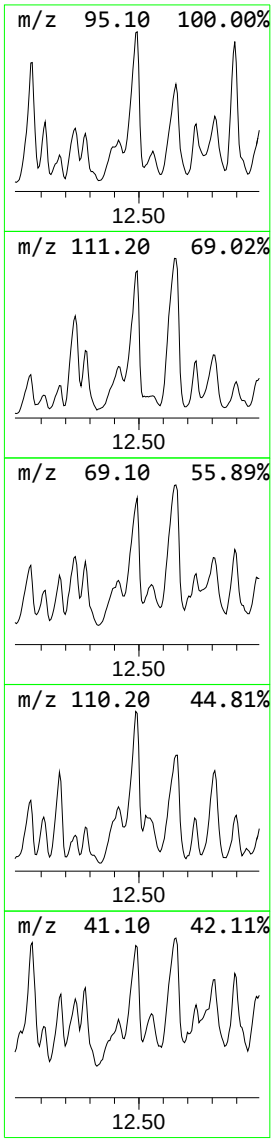
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 Cyclohexene, 3,5-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.493 | 29.06 ng/ul | 3642650 | Naphthalene-d8 | 10.711 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 3,5-dimethyl- | 110 | C8H14 | 000823-17-6 | 62 |
| 2 | trans-3,5-Dimethylcyclohexene | 110 | C8H14 | 056021-63-7 | 62 |
| 3 | Cyclopentane, 1,2-dimethyl-3-met... | 110 | C8H14 | 091884-67-2 | 58 |
| 4 | Ethanone, 1-(1H-pyrazol-4-yl)- | 110 | C5H6N2O | 025016-16-4 | 47 |
| 5 | 2-Amino-4-methylbut-2-enenitrile | 110 | C6H10N2 | 1000197-39-9 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

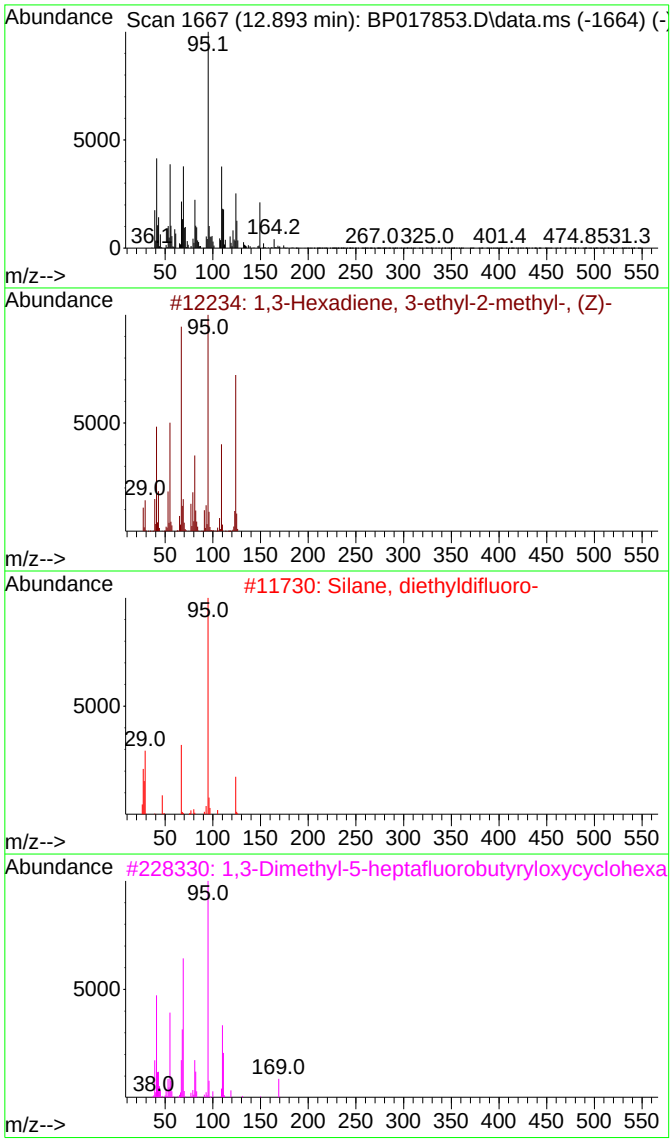
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

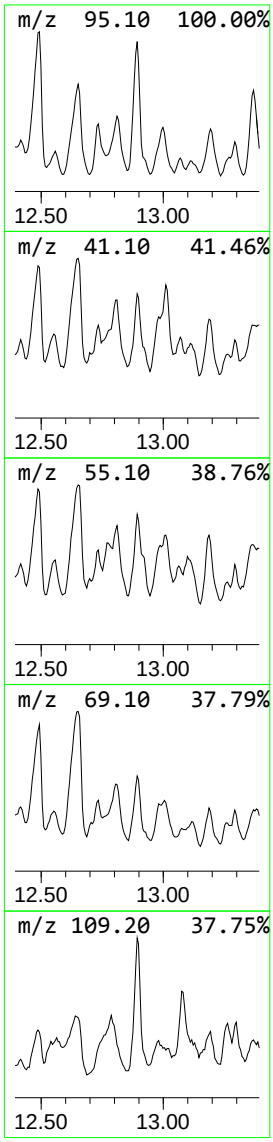
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 1,3-Hexadiene, 3-ethyl-2-me... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.893 | 30.44 ng/ul | 3203600 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Hexadiene, 3-ethyl-2-methyl-... | 124 | C9H16 | 074752-97-9 | 64 |
| 2 | Silane, diethyldifluoro- | 124 | C4H10F2Si | 000358-06-5 | 50 |
| 3 | 1,3-Dimethyl-5-heptafluorobutyry... | 324 | C12H15F7O2 | 1000216-63-8 | 49 |
| 4 | 1,4-Pentadiene, 2,3,3-trimethyl- | 110 | C8H14 | 000756-02-5 | 47 |
| 5 | Cyclopentene, 1,2,3-trimethyl- | 110 | C8H14 | 000473-91-6 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

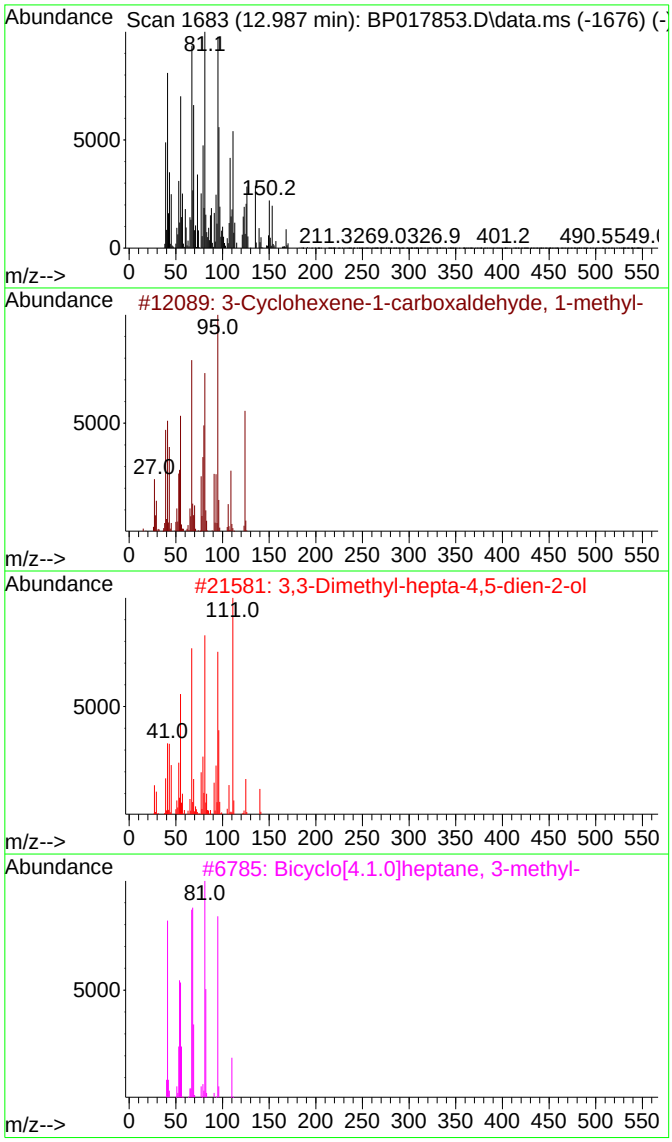
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

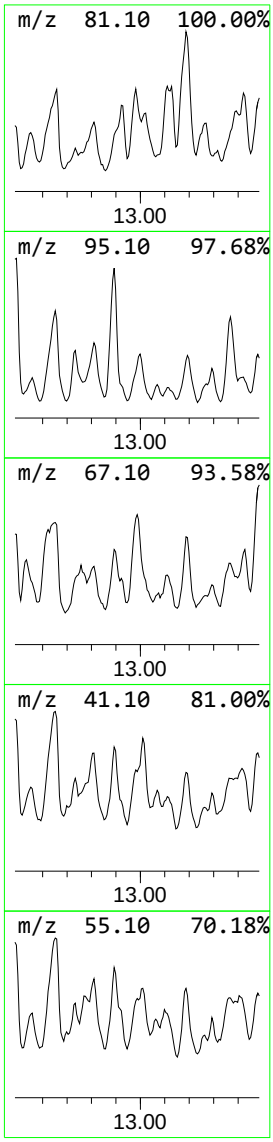
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 3-Cyclohexene-1-carboxaldeh... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.987 | 23.29 ng/ul | 2450870 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Cyclohexene-1-carboxaldehyde, ... | 124 | C8H12O | 000931-96-4 | 55 |
| 2 | 3,3-Dimethyl-hepta-4,5-dien-2-ol | 140 | C9H16O | 1000190-23-9 | 49 |
| 3 | Bicyclo[4.1.0]heptane, 3-methyl- | 110 | C8H14 | 041977-47-3 | 49 |
| 4 | Endo-bicyclo[3.3.1]nonan-3-carbo... | 168 | C10H16O2 | 1000306-31-3 | 46 |
| 5 | 1-Heptadecyne | 236 | C17H32 | 026186-00-5 | 46 |



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Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

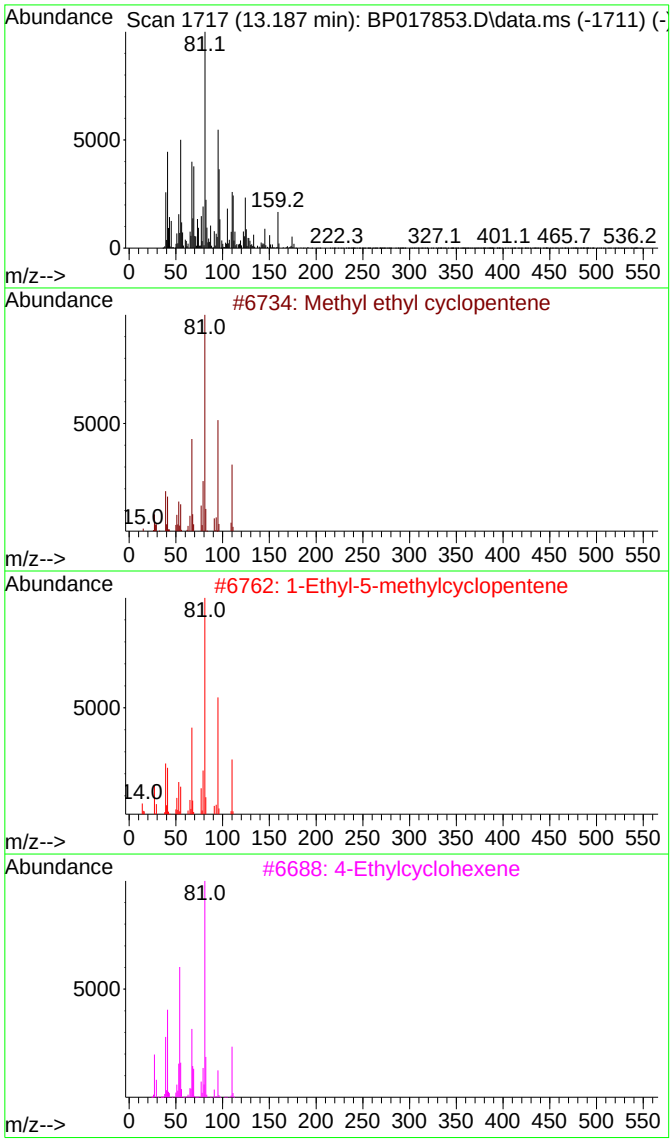
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

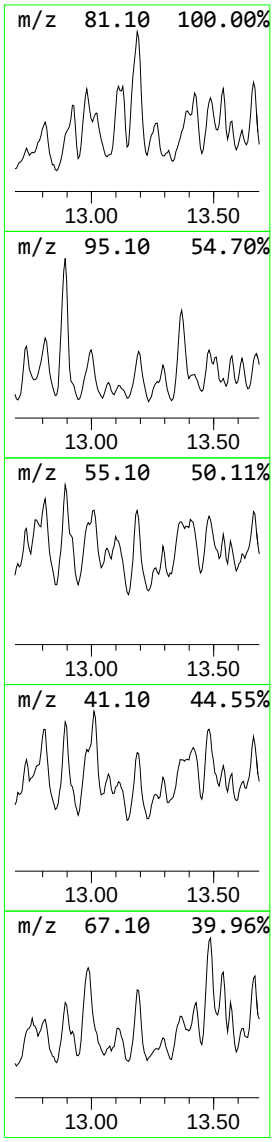
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 Methyl ethyl cyclopentene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.187 | 23.63 ng/ul | 2487050 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl ethyl cyclopentene | 110 | C8H14 | 019780-56-4 | 91 |
| 2 | 1-Ethyl-5-methylcyclopentene | 110 | C8H14 | 097797-57-4 | 70 |
| 3 | 4-Ethylcyclohexene | 110 | C8H14 | 003742-42-5 | 55 |
| 4 | Cyclohexene, 1-ethyl- | 110 | C8H14 | 001453-24-3 | 46 |
| 5 | 4-Ethylcyclohexene | 110 | C8H14 | 003742-42-5 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

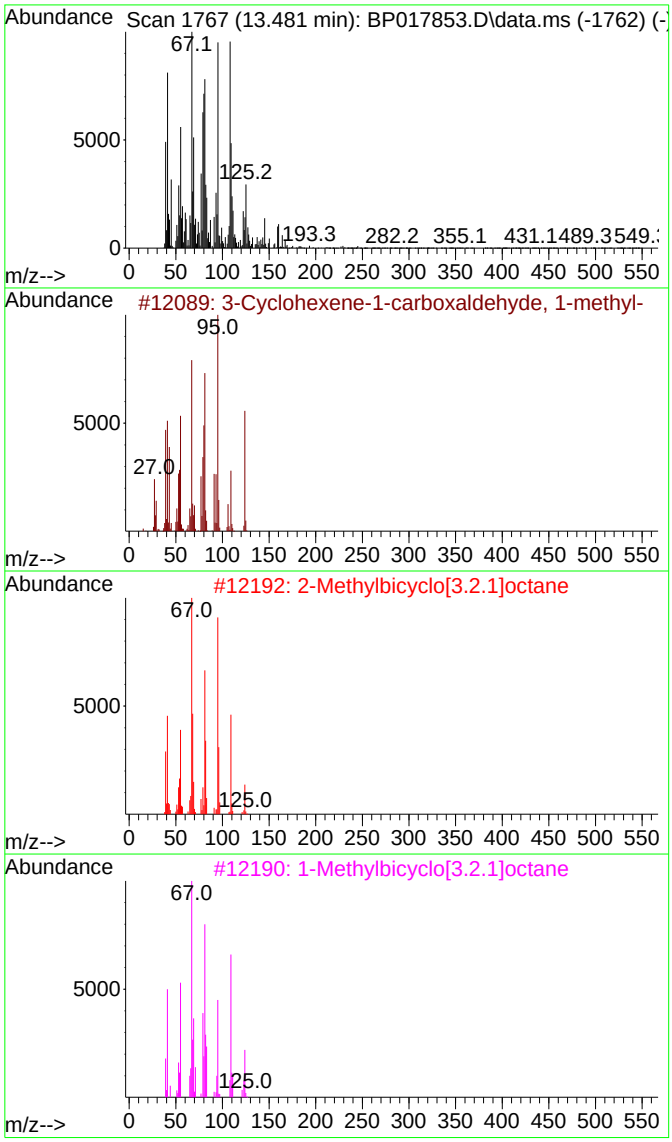
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

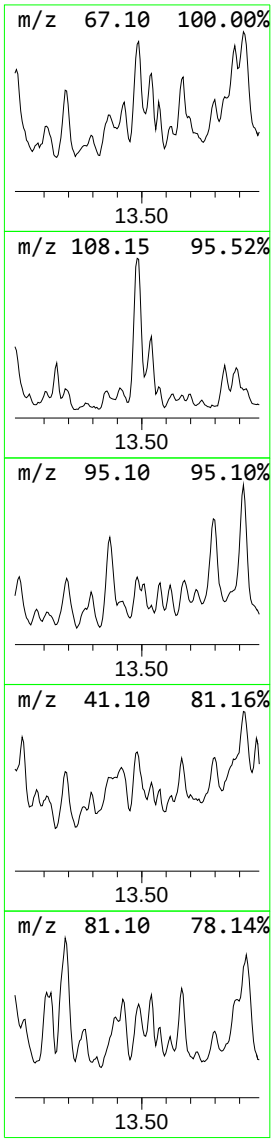
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 2-Methylbicyclo[3.2.1]octane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.481 | 27.35 ng/ul | 2878090 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Cyclohexene-1-carboxaldehyde, ... | 124 | C8H12O | 000931-96-4 | 60 |
| 2 | 2-Methylbicyclo[3.2.1]octane | 124 | C9H16 | 1010215-28-0 | 60 |
| 3 | 1-Methylbicyclo[3.2.1]octane | 124 | C9H16 | 119972-41-7 | 50 |
| 4 | Cyclohexene, 1,2-dimethyl- | 110 | C8H14 | 001674-10-8 | 46 |
| 5 | 3-Hexadecyne | 222 | C16H30 | 061886-62-2 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

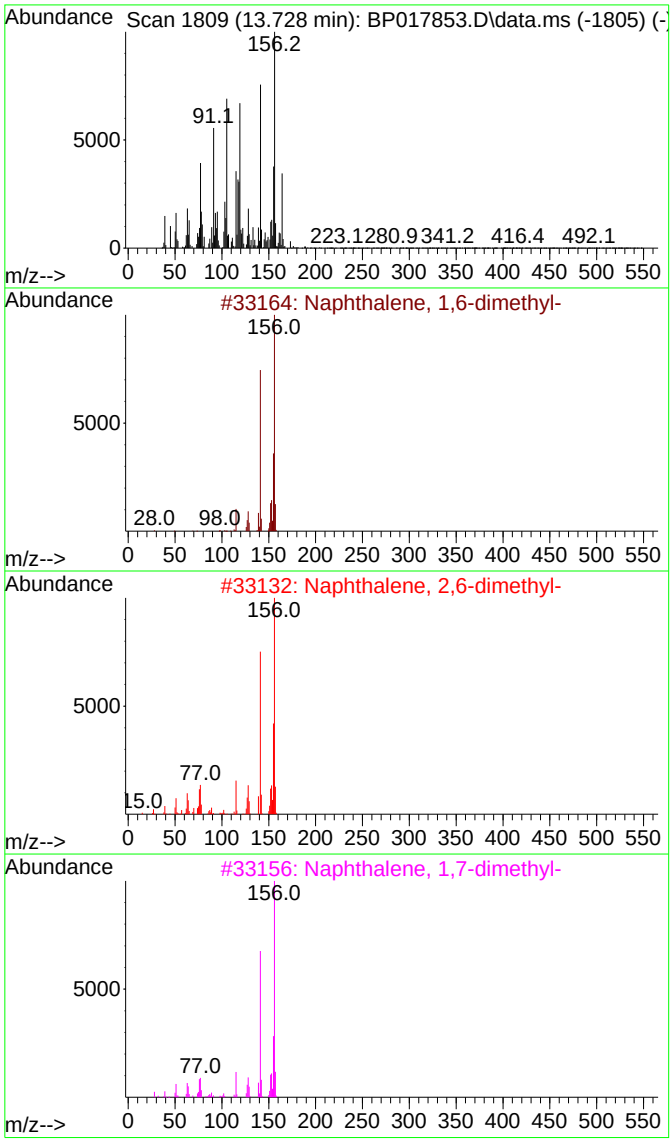
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

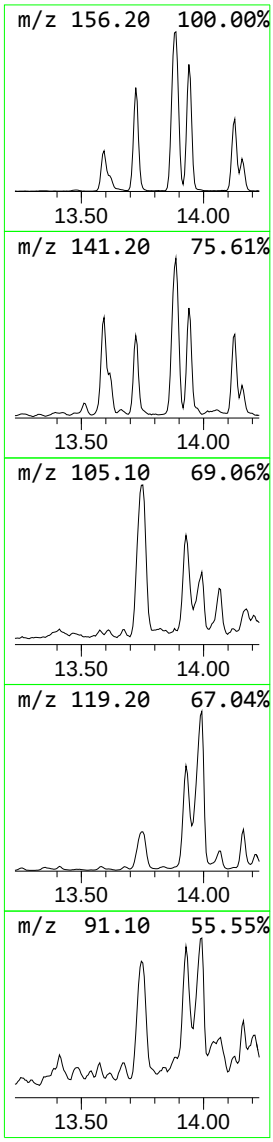
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 Naphthalene, 1,6-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.728 | 32.80 ng/ul | 3451810 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 91 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 91 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 91 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 91 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

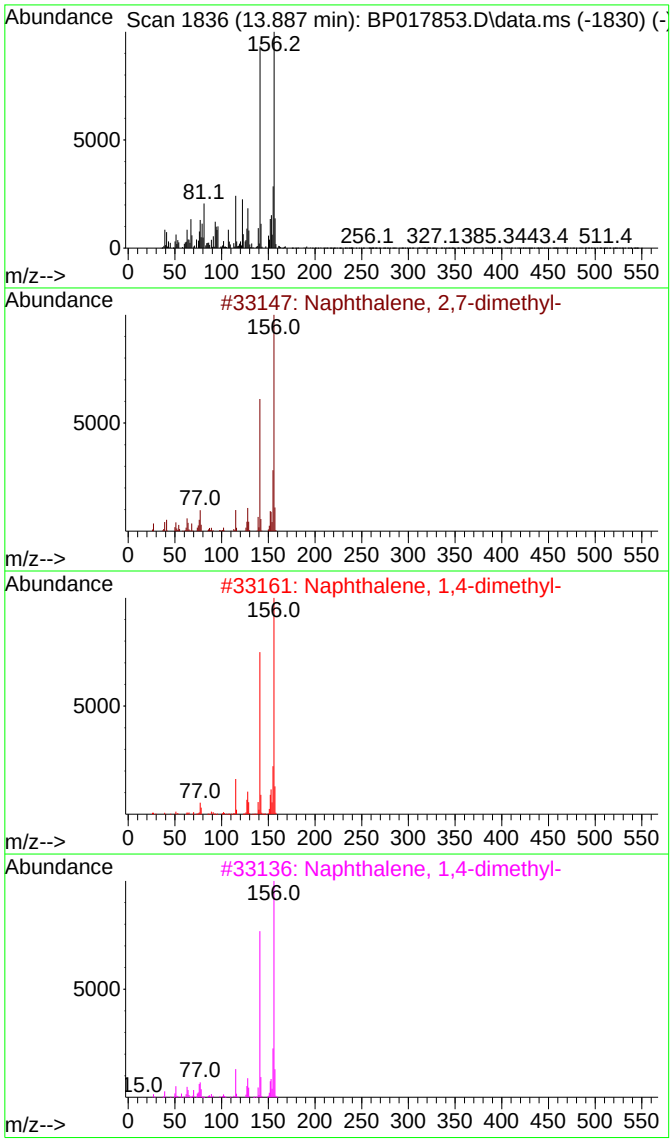
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

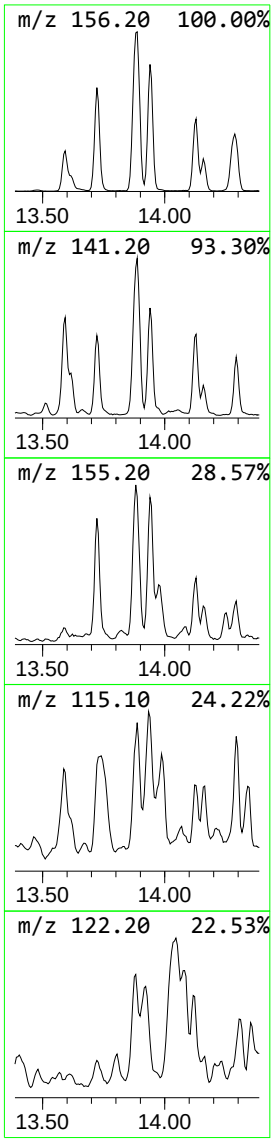
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 57 Naphthalene, 2,7-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.887 | 29.45 ng/ul | 3099120 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

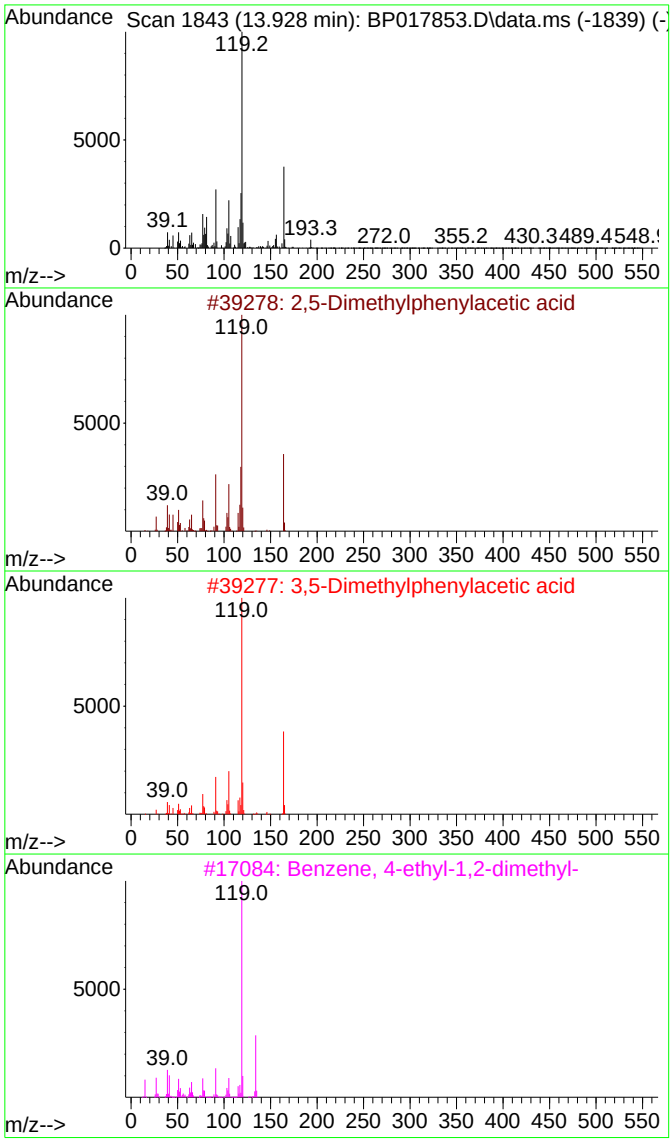
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

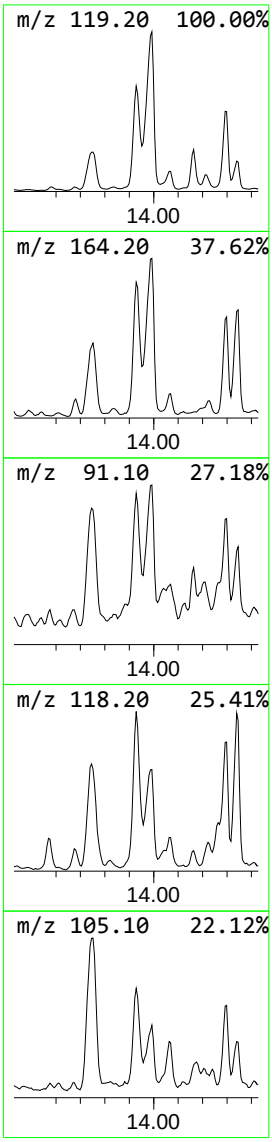
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 2,5-Dimethylphenylacetic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.928 | 47.74 ng/ul | 5023670 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,5-Dimethylphenylacetic acid | 164 | C10H12O2 | 1000342-65-5 | 96 |
| 2 | 3,5-Dimethylphenylacetic acid | 164 | C10H12O2 | 042288-46-0 | 94 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 53 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 52 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

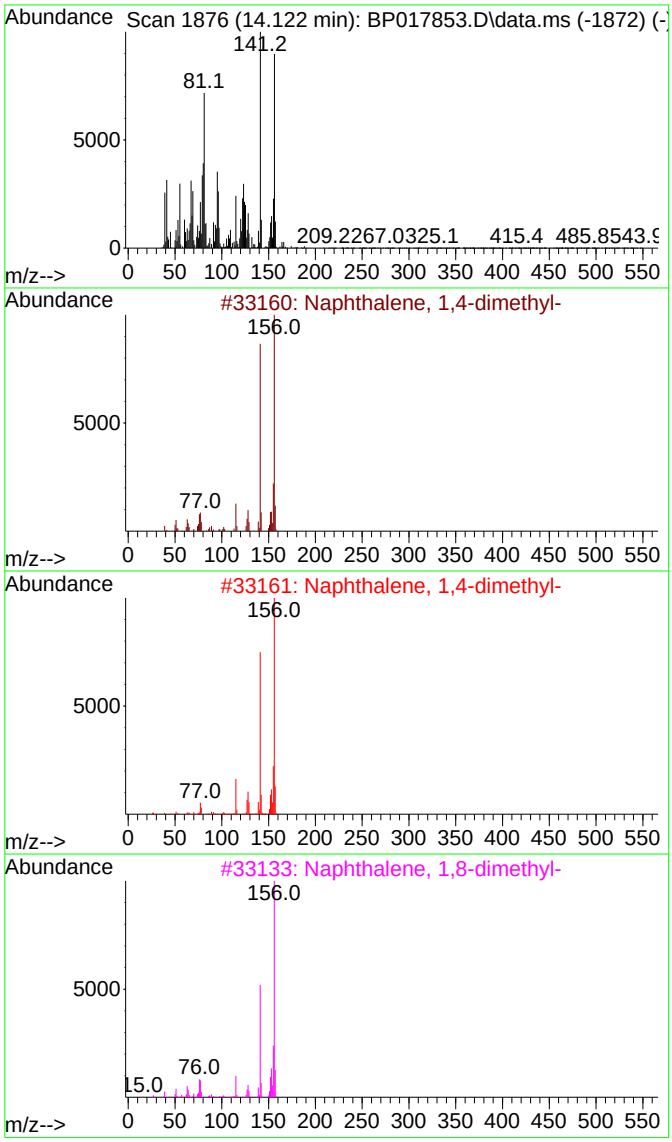
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

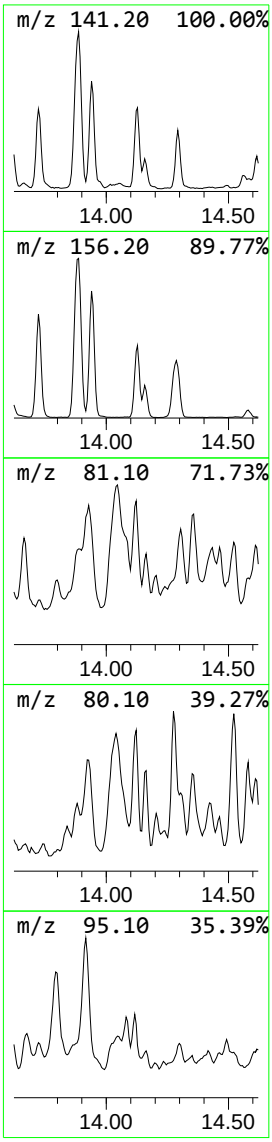
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 59 Naphthalene, 1,4-dimethyl- Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.122 | 16.85 ng/ul | 1773030 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |
| 2 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |
| 3 | Naphthalene, 1,8-dimethyl- | 156 | C12H12 | 000569-41-5 | 95 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 95 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 90 |



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Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

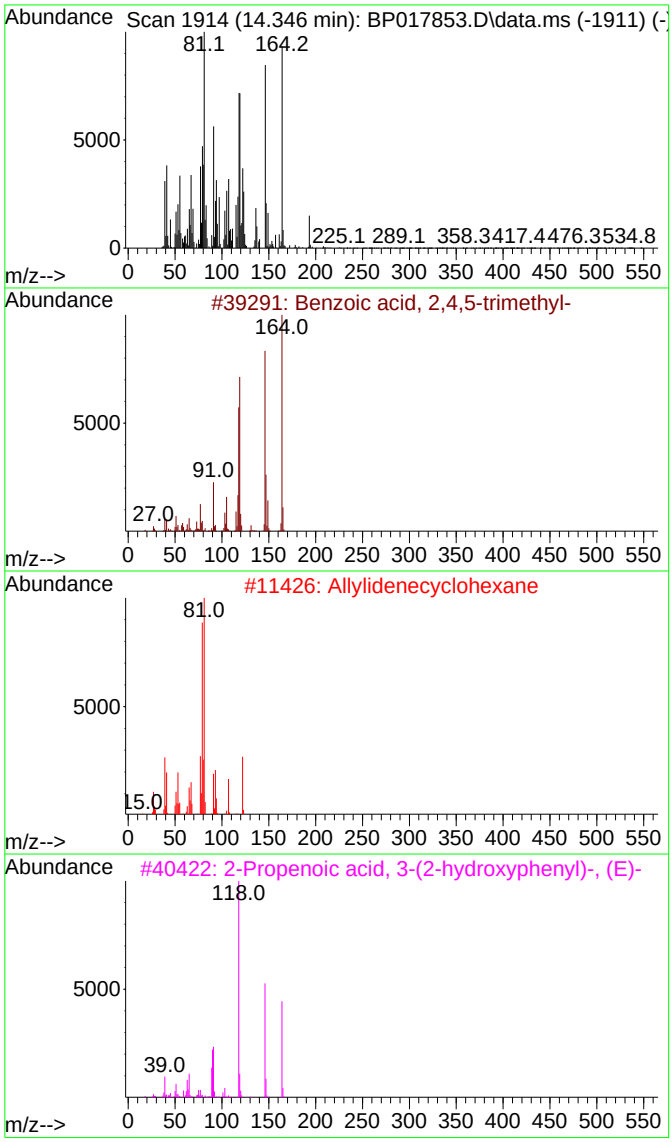
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

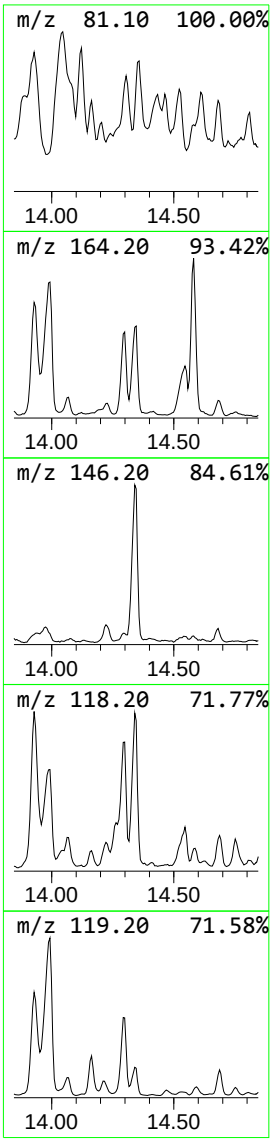
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.346 | 19.82 ng/ul | 2086000 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 2,4,5-trimethyl- | 164 | C10H12O2 | 000528-90-5 | 78 |
| 2 | Allylidenecyclohexane | 122 | C9H14 | 005664-10-8 | 35 |
| 3 | 2-Propenoic acid, 3-(2-hydroxyph... | 164 | C9H8O3 | 000614-60-8 | 30 |
| 4 | 3,5-Dimethylphenylacetic acid | 164 | C10H12O2 | 042288-46-0 | 25 |
| 5 | 2-Acetyl-3,4,6-trimethylpyrazine | 164 | C9H12N2O | 125186-38-1 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

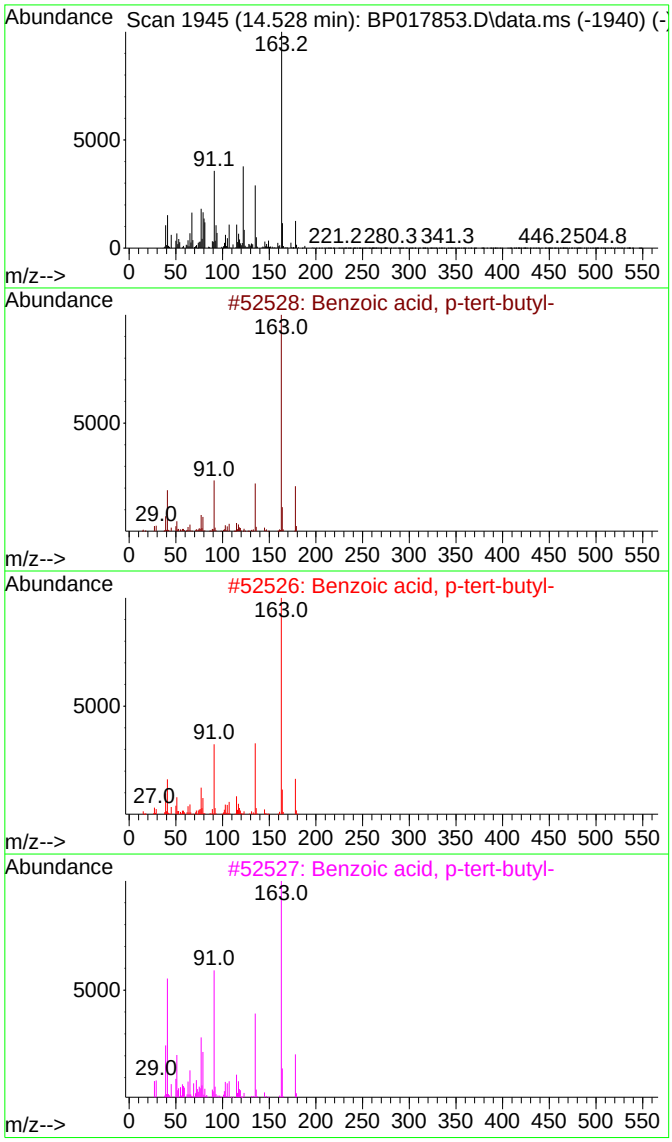
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

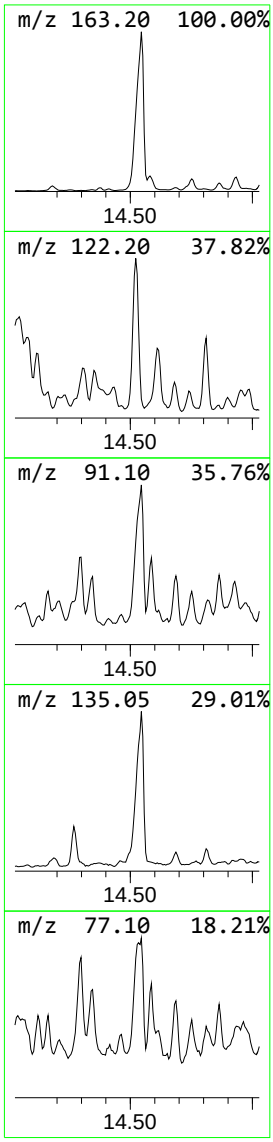
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 62 Benzoic acid, p-tert-butyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.528 | 44.26 ng/ul | 4657330 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, p-tert-butyl- | 178 | C11H14O2 | 000098-73-7 | 76 |
| 2 | Benzoic acid, p-tert-butyl- | 178 | C11H14O2 | 000098-73-7 | 70 |
| 3 | Benzoic acid, p-tert-butyl- | 178 | C11H14O2 | 000098-73-7 | 64 |
| 4 | 3-tert-Butylbenzoic acid | 178 | C11H14O2 | 007498-54-6 | 62 |
| 5 | 6-tert-Butyl-2,4-dimethylphenol | 178 | C12H18O | 001879-09-0 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

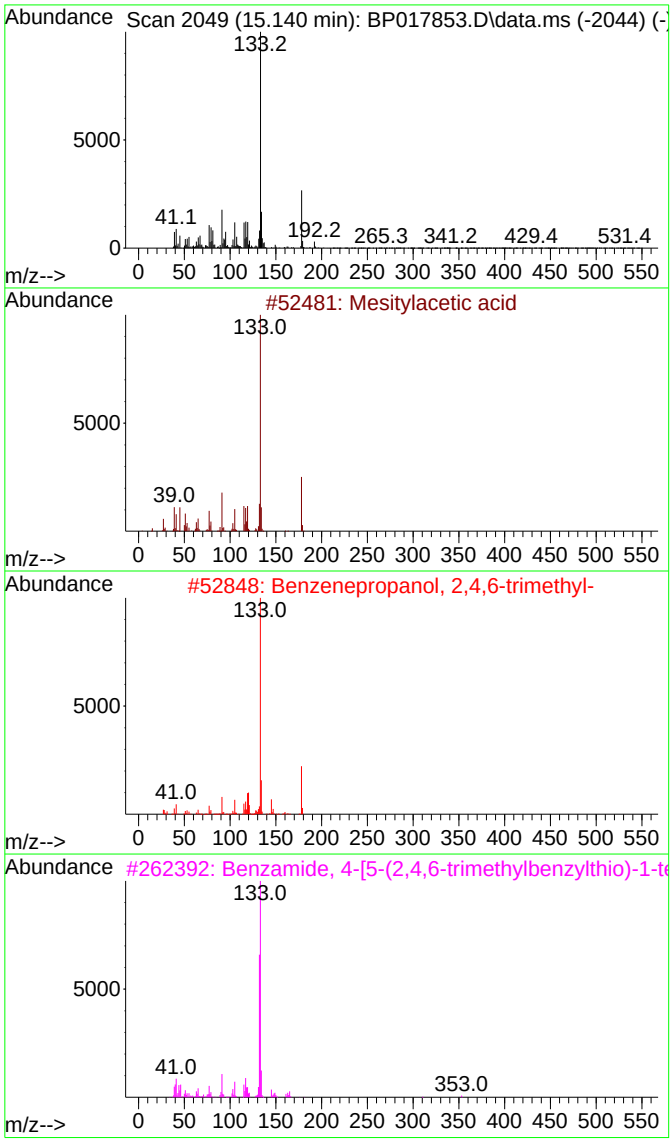
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

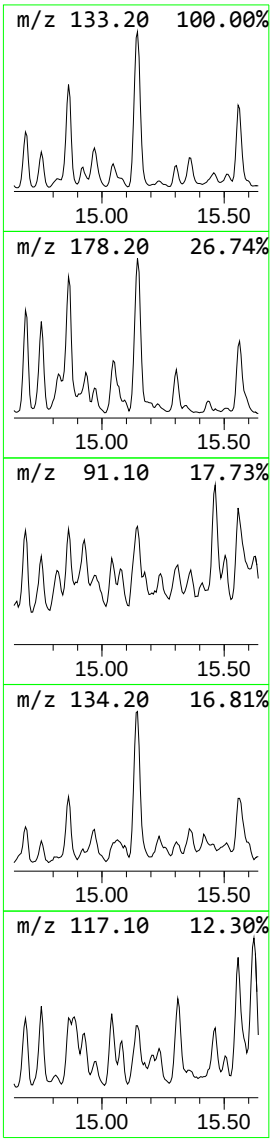
**********

Peak Number 65 Mesitylacetic acid Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.140 | 26.81 ng/ul | 2821840 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylacetic acid | 178 | C11H14O2 | 004408-60-0 | 93 |
| 2 | Benzenepropanol, 2,4,6-trimethyl- | 178 | C12H18O | 027645-07-4 | 80 |
| 3 | Benzamide, 4-[5-(2,4,6-trimethyl... | 353 | C18H19N5OS | 309735-33-9 | 59 |
| 4 | Benzene, 2-(chloromethyl)-1,3,5-... | 168 | C10H13Cl | 001585-16-6 | 53 |
| 5 | Benzene, 1-(chloromethyl)-2,4,5-... | 168 | C10H13Cl | 010340-77-9 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

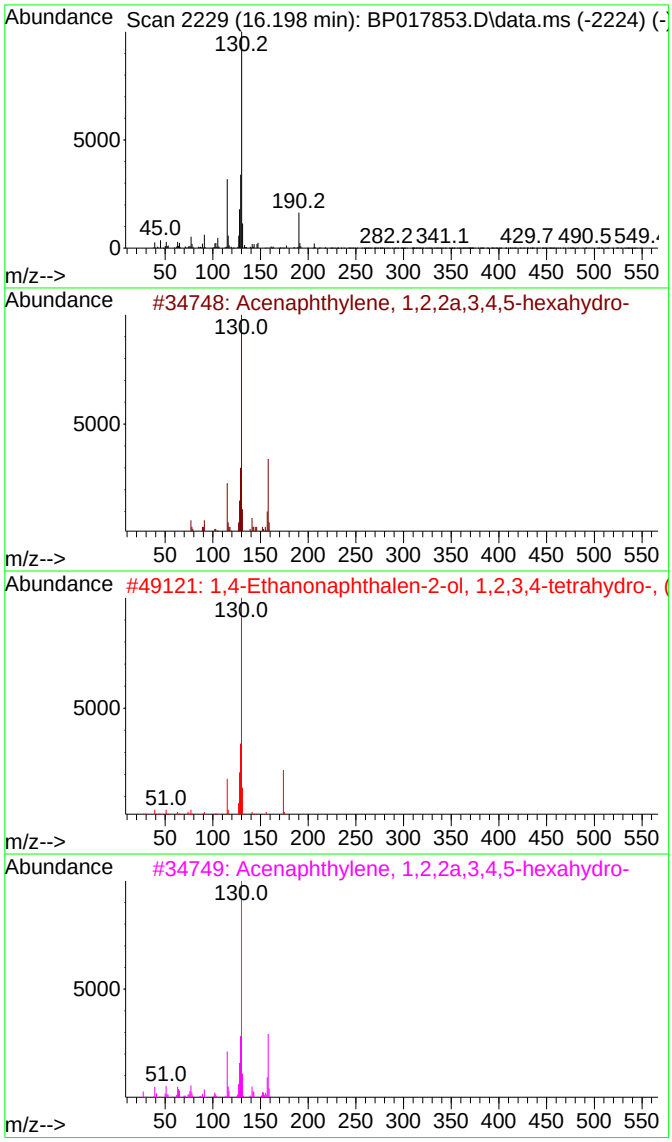
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

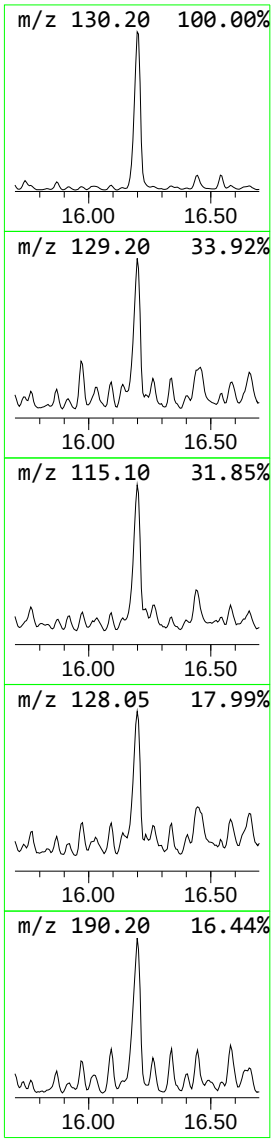
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 69 Acenaphthylene, 1,2,2a,3,4,... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.198 | 65.53 ng/ul | 5006720 | Phenanthrene-d10 | 17.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acenaphthylene, 1,2,2a,3,4,5-hex... | 158 | C12H14 | 000480-72-8 | 78 |
| 2 | 1,4-Ethanonaphthalen-2-ol, 1,2,3... | 174 | C12H14O | 013153-77-0 | 78 |
| 3 | Acenaphthylene, 1,2,2a,3,4,5-hex... | 158 | C12H14 | 000480-72-8 | 78 |
| 4 | cis-4-Amino-1,2,3,4-tetrahydro-2... | 191 | C11H13NO2 | 1000240-22-6 | 72 |
| 5 | 2-Acetoxytetralin | 190 | C12H14O2 | 1000430-72-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

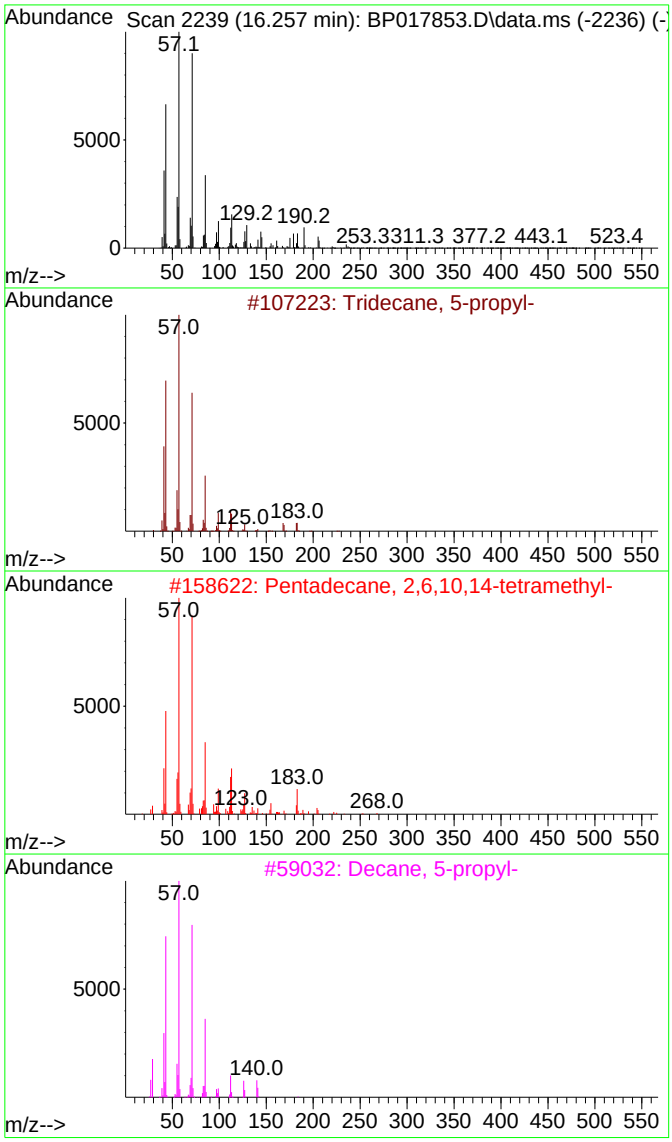
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

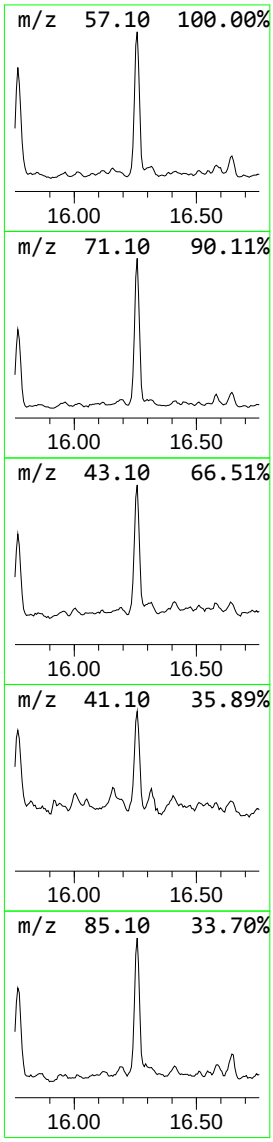
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.257 | 33.52 ng/ul | 2561440 | Phenanthrene-d10 | 17.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 90 |
| 2 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 80 |
| 3 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 76 |
| 4 | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 72 |
| 5 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

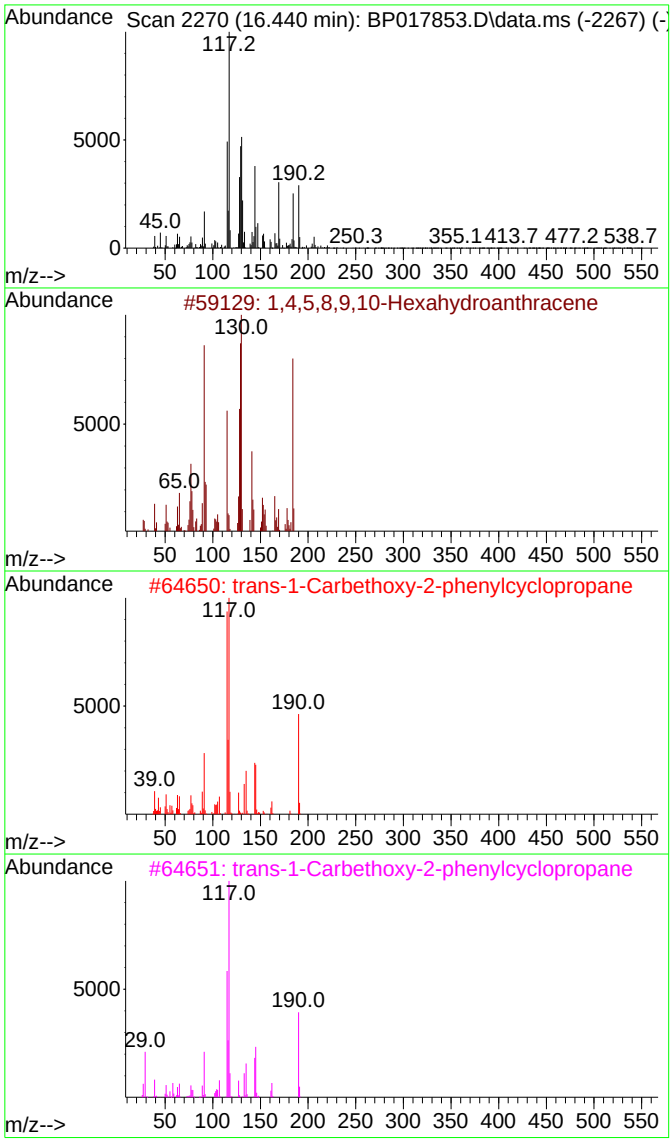
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

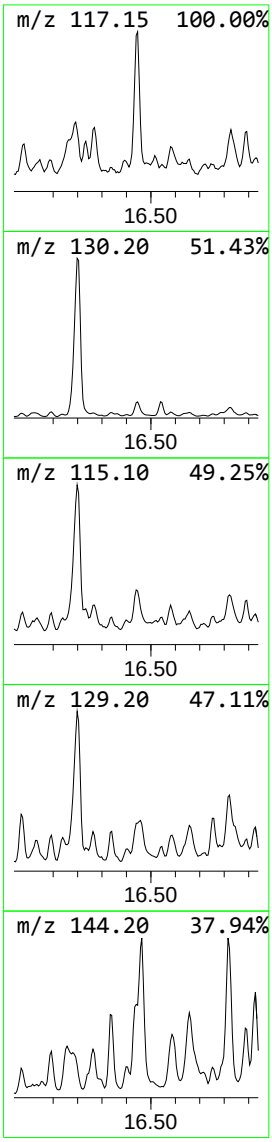
**********

Peak Number 72 unknown-06 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.440 | 31.28 ng/ul | 2389910 | Phenanthrene-d10 | 17.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4,5,8,9,10-Hexahydroanthracene | 184 | C14H16 | 005910-28-1 | 38 |
| 2 | trans-1-Carbethoxy-2-phenylcyclo... | 190 | C12H14O2 | 000946-39-4 | 38 |
| 3 | trans-1-Carbethoxy-2-phenylcyclo... | 190 | C12H14O2 | 000946-39-4 | 30 |
| 4 | Benzene, (3-chloro-1-propenyl)- | 152 | C9H9Cl | 002687-12-9 | 25 |
| 5 | Benzeneacetic acid, 4-ethenyl-, ... | 190 | C12H14O2 | 053162-12-2 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

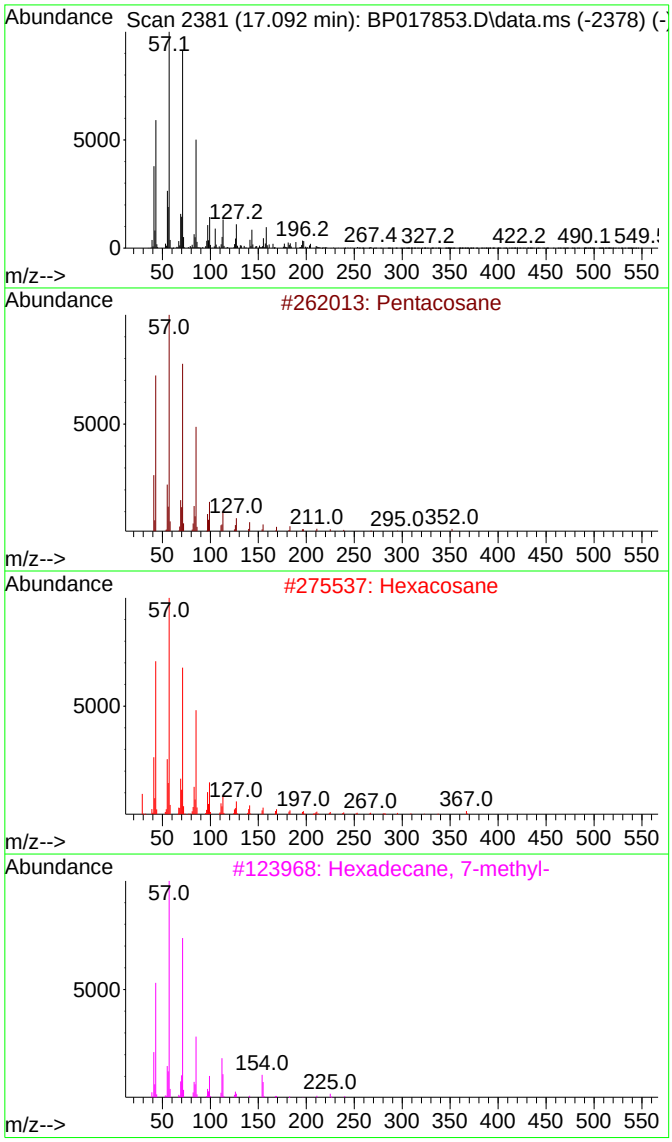
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

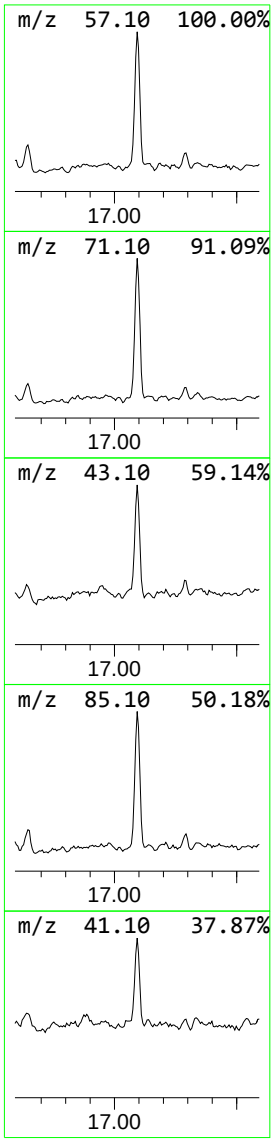
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.093 | 23.39 ng/ul | 1787460 | Phenanthrene-d10 | 17.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 86 |
| 3 | Hexadecane, 7-methyl- | 240 | C17H36 | 026730-20-1 | 83 |
| 4 | Tridecane, 3-ethyl- | 212 | C15H32 | 013286-73-2 | 83 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

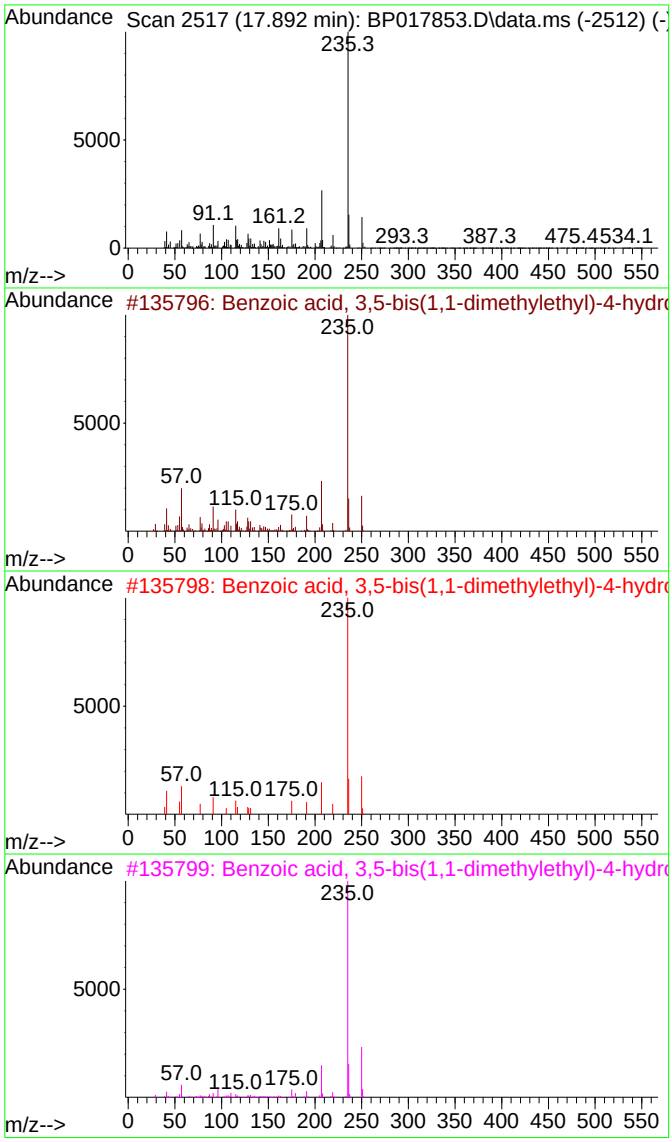
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

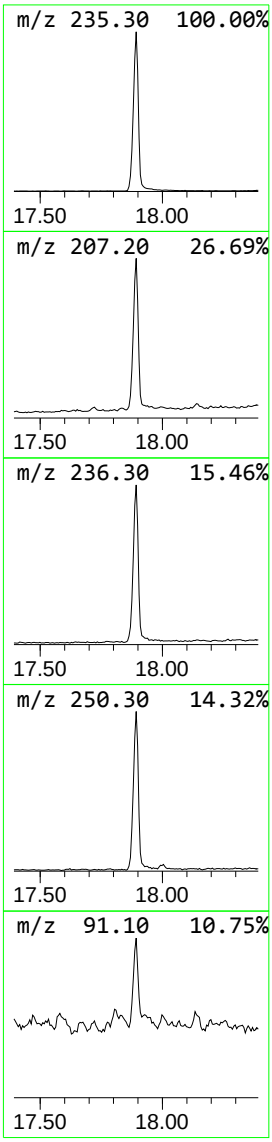
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 75 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.892 | 41.76 ng/ul | 3190800 | Phenanthrene-d10 | 17.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 98 |
| 2 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 96 |
| 3 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 91 |
| 4 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 90 |
| 5 | 3-Cyclohexen-1-one, 2,2,4-trimet... | 250 | C15H22O3 | 1000197-90-2 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

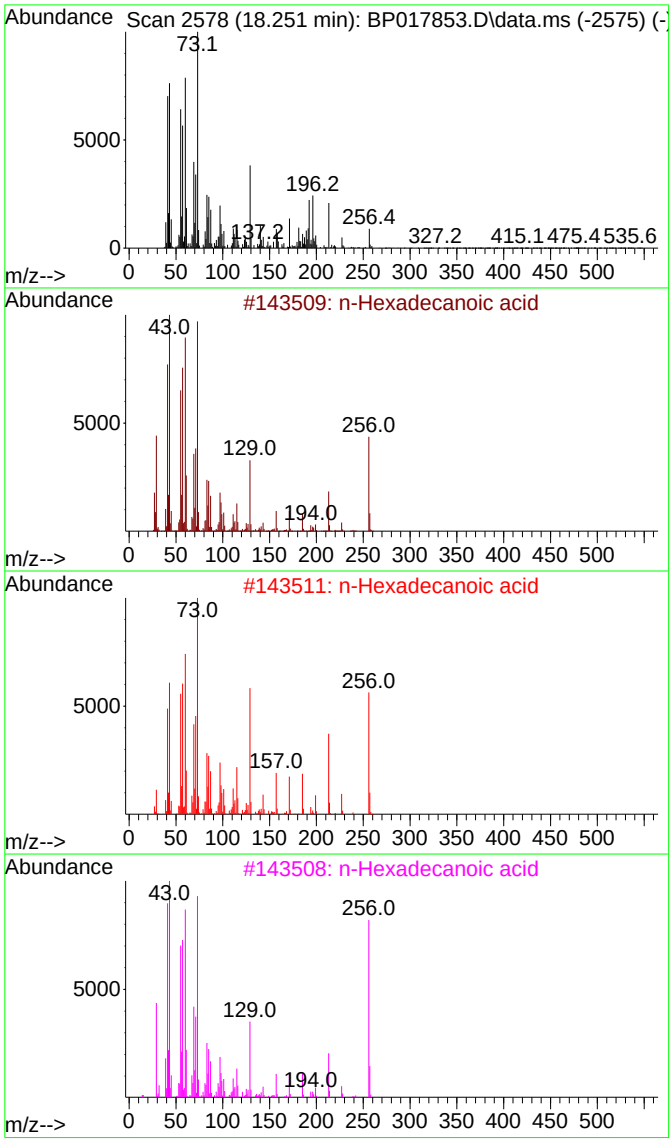
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

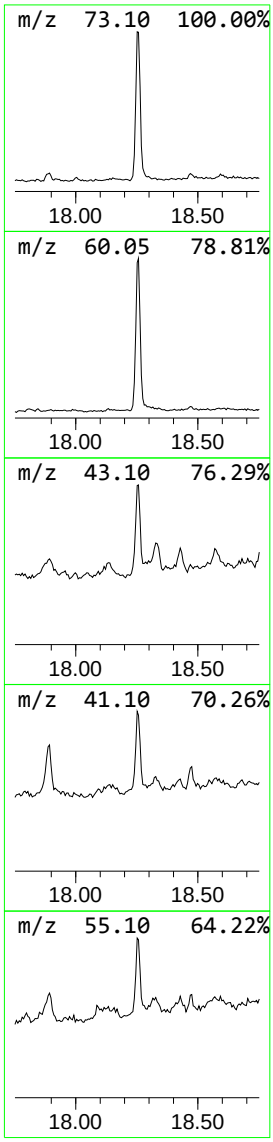
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 76 n-Hexadecanoic acid Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.251 | 25.27 ng/ul | 1930440 | Phenanthrene-d10 | 17.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 86 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017853.D
Acq On : 01 Nov 2023 16:06
Operator : MA/JU
Sample : 04952-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAR4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Hexanol | 3.846 | 21.6 | ng/ul | 1291580 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: S... | 6.328 | 30.7 | ng/ul | 1834860 | 1 | 7.881 | 1195280 | 20.0 |
| unknown-01 | 6.434 | 21.8 | ng/ul | 1302920 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: S... | 6.769 | 17.6 | ng/ul | 1053530 | 1 | 7.881 | 1195280 | 20.0 |
| Benzene, propyl- | 6.811 | 25.0 | ng/ul | 1493190 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: C... | 6.940 | 17.6 | ng/ul | 1050110 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: C... | 7.287 | 11.1 | ng/ul | 660739 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: S... | 7.764 | 26.3 | ng/ul | 1574450 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: S... | 7.975 | 21.8 | ng/ul | 1305060 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: C... | 8.099 | 16.7 | ng/ul | 1000500 | 1 | 7.881 | 1195280 | 20.0 |
| Indane | 8.234 | 36.5 | ng/ul | 2183670 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: S... | 8.322 | 18.1 | ng/ul | 1084180 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: S... | 8.375 | 13.7 | ng/ul | 820055 | 1 | 7.881 | 1195280 | 20.0 |
| Benzene, 1-ethy... | 8.958 | 56.8 | ng/ul | 3391960 | 1 | 7.881 | 1195280 | 20.0 |
| unknown-02 | 9.275 | 17.0 | ng/ul | 1015080 | 1 | 7.881 | 1195280 | 20.0 |
| (DEL) Alkane: S... | 9.440 | 5.3 | ng/ul | 661122 | 2 | 10.711 | 2507420 | 20.0 |
| Benzene, 2-bute... | 10.069 | 34.7 | ng/ul | 4349560 | 2 | 10.711 | 2507420 | 20.0 |
| unknown-03 | 10.563 | 22.1 | ng/ul | 2769430 | 2 | 10.711 | 2507420 | 20.0 |
| 1H-Indene, 2,3-... | 10.775 | 18.1 | ng/ul | 2272100 | 2 | 10.711 | 2507420 | 20.0 |
| 2-Propanol, 1-(... | 11.287 | 13.9 | ng/ul | 1745040 | 2 | 10.711 | 2507420 | 20.0 |
| Hexanoic acid, ... | 11.610 | 58.6 | ng/ul | 7343630 | 2 | 10.711 | 2507420 | 20.0 |
| Phenol, p-tert-... | 12.063 | 43.8 | ng/ul | 5489260 | 2 | 10.711 | 2507420 | 20.0 |
| unknown-04 | 12.181 | 17.5 | ng/ul | 2193880 | 2 | 10.711 | 2507420 | 20.0 |
| unknown-05 | 12.281 | 20.7 | ng/ul | 2598360 | 2 | 10.711 | 2507420 | 20.0 |
| (DEL) Alkane: C... | 12.416 | 20.9 | ng/ul | 2621180 | 2 | 10.711 | 2507420 | 20.0 |
| Cyclohexene, 3,... | 12.493 | 29.1 | ng/ul | 3642650 | 2 | 10.711 | 2507420 | 20.0 |
| 1,3-Hexadiene, ... | 12.893 | 30.4 | ng/ul | 3203600 | 3 | 14.581 | 2104700 | 20.0 |
| 3-Cyclohexene-1... | 12.987 | 23.3 | ng/ul | 2450870 | 3 | 14.581 | 2104700 | 20.0 |
| Methyl ethyl cy... | 13.187 | 23.6 | ng/ul | 2487050 | 3 | 14.581 | 2104700 | 20.0 |
| 2-Methylbicyclo... | 13.481 | 27.4 | ng/ul | 2878090 | 3 | 14.581 | 2104700 | 20.0 |
| Naphthalene, 1,... | 13.728 | 32.8 | ng/ul | 3451810 | 3 | 14.581 | 2104700 | 20.0 |
| Naphthalene, 2,... | 13.887 | 29.4 | ng/ul | 3099120 | 3 | 14.581 | 2104700 | 20.0 |
| 2,5-Dimethylphe... | 13.928 | 47.7 | ng/ul | 5023670 | 3 | 14.581 | 2104700 | 20.0 |
| Naphthalene, 1,... | 14.122 | 16.9 | ng/ul | 1773030 | 3 | 14.581 | 2104700 | 20.0 |
| Benzoic acid, 2... | 14.346 | 19.8 | ng/ul | 2086000 | 3 | 14.581 | 2104700 | 20.0 |
| Benzoic acid, p... | 14.528 | 44.3 | ng/ul | 4657330 | 3 | 14.581 | 2104700 | 20.0 |
| Mesitylacetic acid | 15.140 | 26.8 | ng/ul | 2821840 | 3 | 14.581 | 2104700 | 20.0 |
| Acenaphthylene,... | 16.198 | 65.5 | ng/ul | 5006720 | 4 | 17.375 | 1528150 | 20.0 |
| (DEL) Alkane: S... | 16.257 | 33.5 | ng/ul | 2561440 | 4 | 17.375 | 1528150 | 20.0 |
| unknown-06 | 16.440 | 31.3 | ng/ul | 2389910 | 4 | 17.375 | 1528150 | 20.0 |
| (DEL) Alkane: S... | 17.093 | 23.4 | ng/ul | 1787460 | 4 | 17.375 | 1528150 | 20.0 |
| Benzoic acid, 3... | 17.892 | 41.8 | ng/ul | 3190800 | 4 | 17.375 | 1528150 | 20.0 |
| n-Hexadecanoic ... | 18.251 | 25.3 | ng/ul | 1930440 | 4 | 17.375 | 1528150 | 20.0 |