LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** E10005DL

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-BP093022.M
Title : SVOA CALIBRATION

Signal : TIC: BP012016.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.028 | 3 | 7 | 14 | rVB | 639408 | 725190 | 21.37% | 1.076% |
| 2 | 4.040 | 175 | 179 | 187 | rVB | 93174 | 132705 | 3.91% | 0.197% |
| 3 | 5.370 | 400 | 405 | 410 | rBV | 367988 | 536551 | 15.81% | 0.796% |
| 4 | 5.505 | 423 | 428 | 442 | rVB | 108195 | 258753 | 7.63% | 0.384% |
| 5 | 5.875 | 485 | 491 | 500 | rVB | 124531 | 187572 | 5.53% | 0.278% |
| 6 | 6.417 | 578 | 583 | 601 | rVV | 225978 | 478792 | 14.11% | 0.711% |
| 7 | 7.211 | 711 | 718 | 722 | rBV | 121571 | 201363 | 5.93% | 0.299% |
| 8 | 7.258 | 722 | 726 | 741 | rVB2 | 87299 | 164505 | 4.85% | 0.244% |
| 9 | 7.381 | 741 | 747 | 749 | rBV | 116749 | 185873 | 5.48% | 0.276% |
| 10 | 7.516 | 764 | 770 | 777 | rVB | 108483 | 171814 | 5.06% | 0.255% |
| 11 | 7.593 | 777 | 783 | 790 | rVV | 158187 | 250789 | 7.39% | 0.372% |
| 12 | 7.875 | 823 | 831 | 842 | rVV | 797536 | 1289733 | 38.01% | 1.914% |
| 13 | 7.987 | 844 | 850 | 859 | rVB | 109796 | 188057 | 5.54% | 0.279% |
| 14 | 8.246 | 887 | 894 | 902 | rBV | 851531 | 1384698 | 40.80% | 2.055% |
| 15 | 8.328 | 902 | 908 | 912 | rVV | 94797 | 165380 | 4.87% | 0.245% |
| 16 | 8.411 | 917 | 922 | 931 | rVV | 374212 | 615980 | 18.15% | 0.914% |
| 17 | 8.593 | 947 | 953 | 959 | rVV2 | 91086 | 182379 | 5.37% | 0.271% |
| 18 | 8.869 | 995 | 1000 | 1009 | rVV | 141226 | 259345 | 7.64% | 0.385% |
| 19 | 9.046 | 1024 | 1030 | 1043 | rVB2 | 149406 | 338682 | 9.98% | 0.503% |
| 20 | 9.234 | 1055 | 1062 | 1068 | rVV | 211744 | 344768 | 10.16% | 0.512% |
| 21 | 9.305 | 1068 | 1074 | 1078 | rVV | 284905 | 475185 | 14.00% | 0.705% |
| 22 | 9.352 | 1078 | 1082 | 1089 | rVV | 250725 | 556079 | 16.39% | 0.825% |
| 23 | 9.422 | 1089 | 1094 | 1102 | rVV | 93406 | 157125 | 4.63% | 0.233% |
| 24 | 9.769 | 1144 | 1153 | 1161 | rBV | 92475 | 168072 | 4.95% | 0.249% |
| 25 | 9.858 | 1162 | 1168 | 1172 | rBV | 442729 | 763030 | 22.49% | 1.133% |
| 26 | 9.928 | 1177 | 1180 | 1190 | rVB | 156300 | 243562 | 7.18% | 0.362% |
| 27 | 10.081 | 1197 | 1206 | 1215 | rBV3 | 157982 | 399867 | 11.78% | 0.594% |
| 28 | 10.163 | 1215 | 1220 | 1236 | rVV | 663823 | 1214218 | 35.78% | 1.802% |
| 29 | 10.310 | 1237 | 1245 | 1253 | rVV3 | 243238 | 537999 | 15.85% | 0.799% |
| 30 | 10.557 | 1283 | 1287 | 1292 | rVV | 95203 | 149289 | 4.40% | 0.222% |
| 31 | 10.681 | 1298 | 1308 | 1313 | rBV | 1064110 | 1862661 | 54.89% | 2.765% |
| 32 | 10.734 | 1313 | 1317 | 1325 | rVV | 938062 | 1522950 | 44.88% | 2.261% |
| 33 | 10.834 | 1327 | 1334 | 1346 | rVV3 | 664208 | 1966334 | 57.94% | 2.919% |
| 34 | 11.275 | 1404 | 1409 | 1418 | rVB | 168249 | 312908 | 9.22% | 0.464% |
| 35 | 11.522 | 1444 | 1451 | 1456 | rBV | 212084 | 360129 | 10.61% | 0.535% |
| 36 | 11.769 | 1488 | 1493 | 1496 | rVV | 99863 | 196946 | 5.80% | 0.292% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

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-BP093022.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.793 | 1496 | 1497 | 1507 | rVV5 | 77423 | 149105 | 4.39% | 0.221% |
| 38 | 12.075 | 1541 | 1545 | 1554 | rVB5 | 76185 | 164811 | 4.86% | 0.245% |
| 39 | 12.240 | 1568 | 1573 | 1578 | rVV2 | 144167 | 242436 | 7.14% | 0.360% |
| 40 | 12.387 | 1594 | 1598 | 1603 | rVV | 82671 | 130600 | 3.85% | 0.194% |
| 41 | 12.452 | 1603 | 1609 | 1610 | rVV | 204516 | 303133 | 8.93% | 0.450% |
| 42 | 12.469 | 1610 | 1612 | 1618 | rVV | 226279 | 370050 | 10.90% | 0.549% |
| 43 | 12.563 | 1618 | 1628 | 1635 | rVB | 1461628 | 2430808 | 71.63% | 3.608% |
| 44 | 13.316 | 1752 | 1756 | 1758 | rVV | 78701 | 140598 | 4.14% | 0.209% |
| 45 | 13.351 | 1758 | 1762 | 1773 | rVV | 568982 | 964950 | 28.44% | 1.432% |
| 46 | 13.493 | 1782 | 1786 | 1797 | rVV4 | 93822 | 226693 | 6.68% | 0.336% |
| 47 | 13.698 | 1809 | 1821 | 1829 | rBV2 | 277157 | 852074 | 25.11% | 1.265% |
| 48 | 13.840 | 1840 | 1845 | 1851 | rVV | 438440 | 815500 | 24.03% | 1.210% |
| 49 | 13.934 | 1856 | 1861 | 1866 | rVV | 325696 | 502985 | 14.82% | 0.747% |
| 50 | 14.075 | 1879 | 1885 | 1889 | rBV2 | 205007 | 335663 | 9.89% | 0.498% |
| 51 | 14.216 | 1903 | 1909 | 1911 | rBV | 412456 | 619145 | 18.25% | 0.919% |
| 52 | 14.240 | 1911 | 1913 | 1920 | rVB2 | 333650 | 466839 | 13.76% | 0.693% |
| 53 | 14.522 | 1952 | 1961 | 1967 | rVV | 1628506 | 2503547 | 73.78% | 3.716% |
| 54 | 14.587 | 1967 | 1972 | 1979 | rVB | 1919254 | 2847882 | 83.92% | 4.227% |
| 55 | 14.657 | 1979 | 1984 | 1988 | rVB | 82028 | 126189 | 3.72% | 0.187% |
| 56 | 14.710 | 1989 | 1993 | 2004 | rVB3 | 104568 | 256311 | 7.55% | 0.380% |
| 57 | 14.816 | 2004 | 2011 | 2018 | rBV3 | 118837 | 268861 | 7.92% | 0.399% |
| 58 | 14.922 | 2023 | 2029 | 2037 | rVB | 1190674 | 1770867 | 52.18% | 2.629% |
| 59 | 15.022 | 2038 | 2046 | 2050 | rBV | 598288 | 1149749 | 33.88% | 1.707% |
| 60 | 15.269 | 2084 | 2088 | 2092 | rVB | 158583 | 204812 | 6.04% | 0.304% |
| 61 | 15.398 | 2104 | 2110 | 2117 | rBV | 482735 | 833256 | 24.55% | 1.237% |
| 62 | 15.516 | 2121 | 2130 | 2135 | rVV | 607965 | 924640 | 27.25% | 1.372% |
| 63 | 15.575 | 2135 | 2140 | 2147 | rVV | 1059698 | 1616736 | 47.64% | 2.400% |
| 64 | 15.640 | 2147 | 2151 | 2157 | rVV4 | 107109 | 178702 | 5.27% | 0.265% |
| 65 | 15.728 | 2157 | 2166 | 2171 | rVV2 | 232941 | 574431 | 16.93% | 0.853% |
| 66 | 15.804 | 2171 | 2179 | 2186 | rVV4 | 218870 | 643655 | 18.97% | 0.955% |
| 67 | 15.887 | 2186 | 2193 | 2200 | rVB2 | 269579 | 599348 | 17.66% | 0.890% |
| 68 | 15.957 | 2200 | 2205 | 2208 | rBV | 156987 | 262687 | 7.74% | 0.390% |
| 69 | 16.010 | 2208 | 2214 | 2223 | rVB4 | 197710 | 631255 | 18.60% | 0.937% |
| 70 | 16.257 | 2248 | 2256 | 2263 | rVV3 | 421551 | 859701 | 25.33% | 1.276% |
| 71 | 16.451 | 2283 | 2289 | 2293 | rVV3 | 141558 | 258122 | 7.61% | 0.383% |
| 72 | 16.510 | 2293 | 2299 | 2302 | rVV2 | 384274 | 785754 | 23.15% | 1.166% |
| 73 | 16.540 | 2302 | 2304 | 2308 | rVV | 245843 | 335860 | 9.90% | 0.499% |
| 74 | 16.634 | 2315 | 2320 | 2333 | rVB4 | 91173 | 208748 | 6.15% | 0.310% |
| 75 | 16.792 | 2344 | 2347 | 2353 | rVB2 | 110073 | 165661 | 4.88% | 0.246% |
| 76 | 16.934 | 2366 | 2371 | 2378 | rVB | 115257 | 190164 | 5.60% | 0.282% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** E10005DL

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-BP093022.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.063 | 2388 | 2393 | 2396 | rBV | 100349 | 150276 | 4.43% | 0.223% |
| 78 | 17.128 | 2396 | 2404 | 2408 | rBV2 | 334745 | 636741 | 18.76% | 0.945% |
| 79 | 17.181 | 2408 | 2413 | 2420 | rVB | 664616 | 1105587 | 32.58% | 1.641% |
| 80 | 17.281 | 2425 | 2430 | 2434 | rVV | 1958703 | 2885040 | 85.02% | 4.282% |
| 81 | 17.322 | 2434 | 2437 | 2442 | rVV | 1569286 | 2158195 | 63.60% | 3.203% |
| 82 | 17.381 | 2442 | 2447 | 2450 | rVV | 704002 | 1092488 | 32.19% | 1.622% |
| 83 | 17.410 | 2450 | 2452 | 2458 | rVB | 302822 | 410149 | 12.09% | 0.609% |
| 84 | 17.487 | 2460 | 2465 | 2469 | rBV4 | 96491 | 141145 | 4.16% | 0.210% |
| 85 | 17.651 | 2490 | 2493 | 2495 | rVV | 119695 | 165785 | 4.89% | 0.246% |
| 86 | 17.687 | 2495 | 2499 | 2510 | rVV | 796482 | 1209202 | 35.63% | 1.795% |
| 87 | 17.792 | 2511 | 2517 | 2522 | rVV3 | 94151 | 245352 | 7.23% | 0.364% |
| 88 | 17.934 | 2535 | 2541 | 2546 | rBV | 87554 | 160515 | 4.73% | 0.238% |
| 89 | 18.034 | 2553 | 2558 | 2564 | rBV5 | 69723 | 139358 | 4.11% | 0.207% |
| 90 | 18.110 | 2567 | 2571 | 2574 | rBV | 134596 | 189590 | 5.59% | 0.281% |
| 91 | 18.192 | 2581 | 2585 | 2593 | rVV3 | 279134 | 488872 | 14.41% | 0.726% |
| 92 | 18.269 | 2594 | 2598 | 2604 | rVB2 | 207527 | 284785 | 8.39% | 0.423% |
| 93 | 18.334 | 2604 | 2609 | 2613 | rBV2 | 182211 | 303127 | 8.93% | 0.450% |
| 94 | 18.575 | 2646 | 2650 | 2655 | rVB2 | 90544 | 142623 | 4.20% | 0.212% |
| 95 | 19.292 | 2767 | 2772 | 2777 | rVB | 416088 | 538938 | 15.88% | 0.800% |
| 96 | 19.616 | 2822 | 2827 | 2830 | rBV | 799392 | 1177336 | 34.69% | 1.748% |
| 97 | 20.075 | 2901 | 2905 | 2911 | rBV | 208736 | 367279 | 10.82% | 0.545% |
| 98 | 21.363 | 3119 | 3124 | 3129 | rBV | 2479670 | 3393466 | 100.00% | 5.037% |
| 99 | 23.633 | 3506 | 3510 | 3517 | rVB2 | 431918 | 772420 | 22.76% | 1.147% |
| 100 | 23.798 | 3531 | 3538 | 3553 | rVB2 | 1523119 | 3351269 | 98.76% | 4.974% |

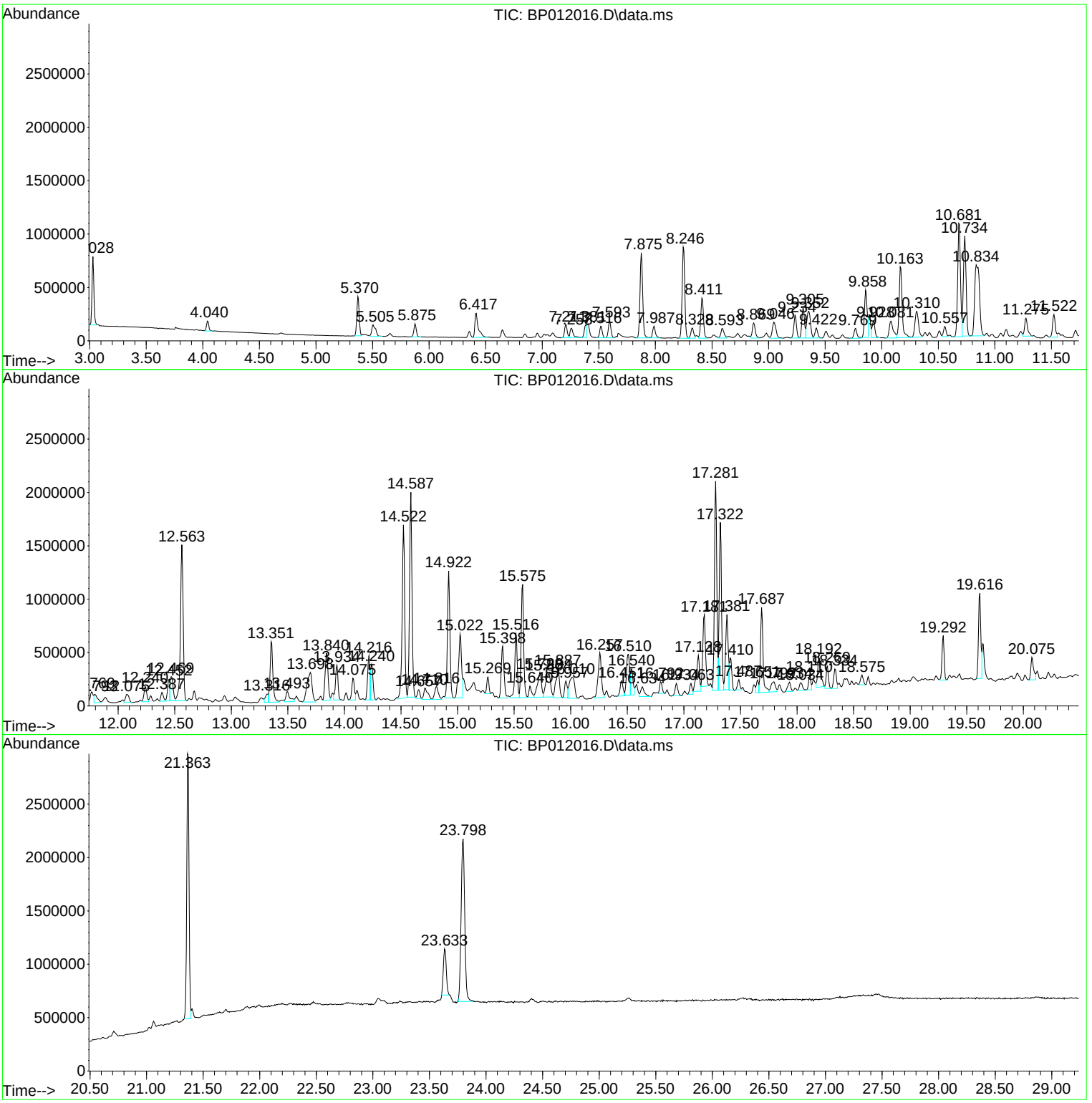
Sum of corrected areas: 67371149

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

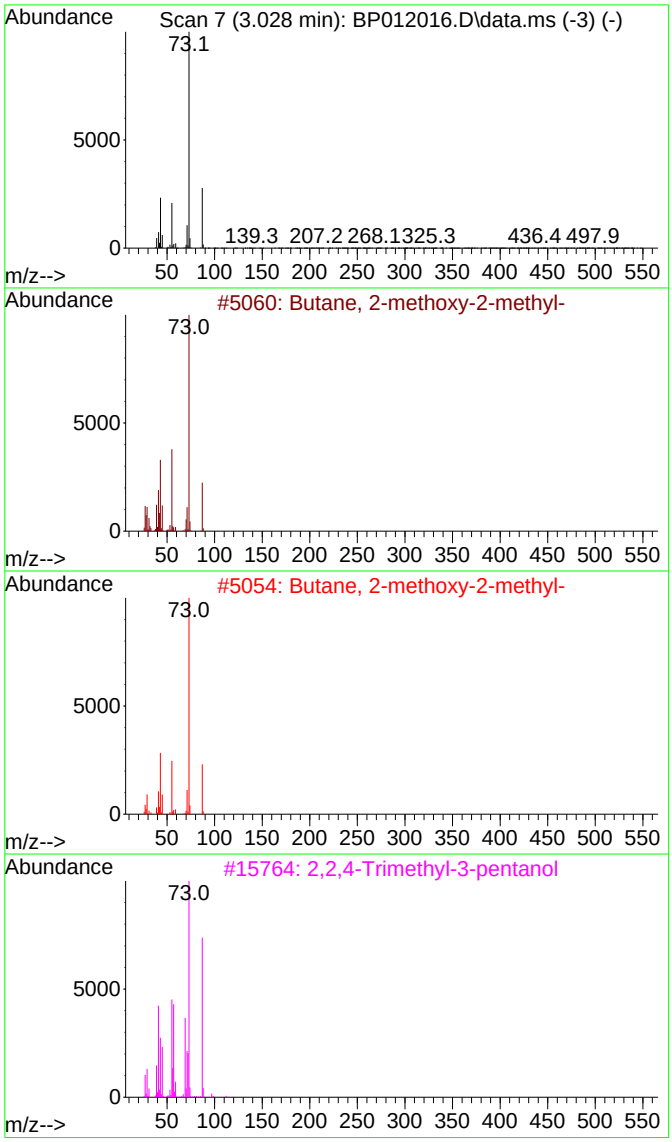
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

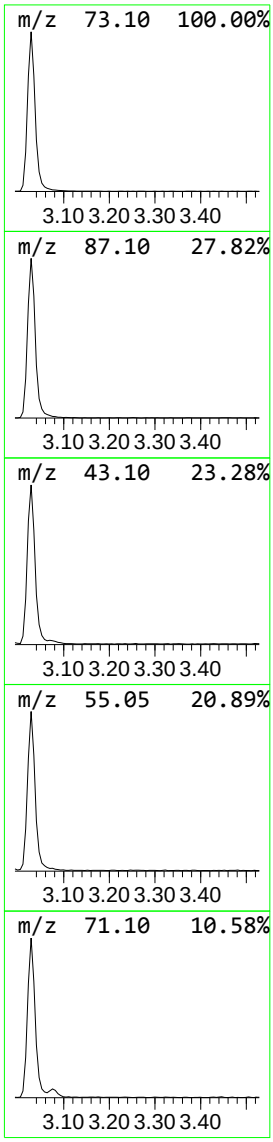
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.028 | 11.25 ng/ul | 725190 | 1,4-Dichlorobenzene-d4 | 7.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 64 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

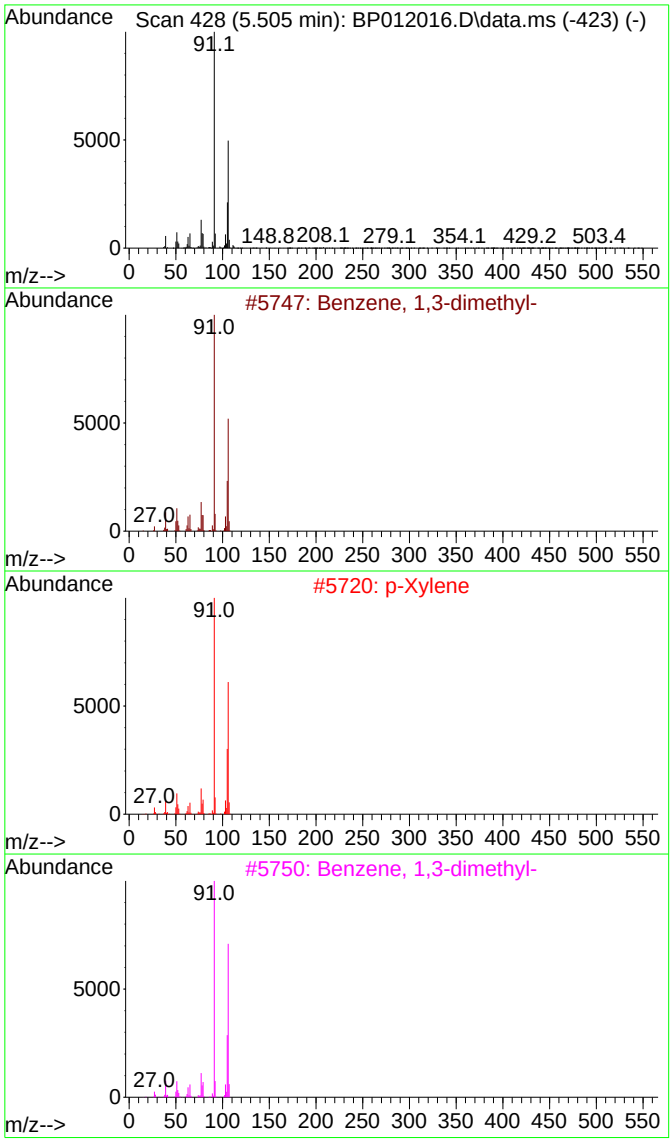
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

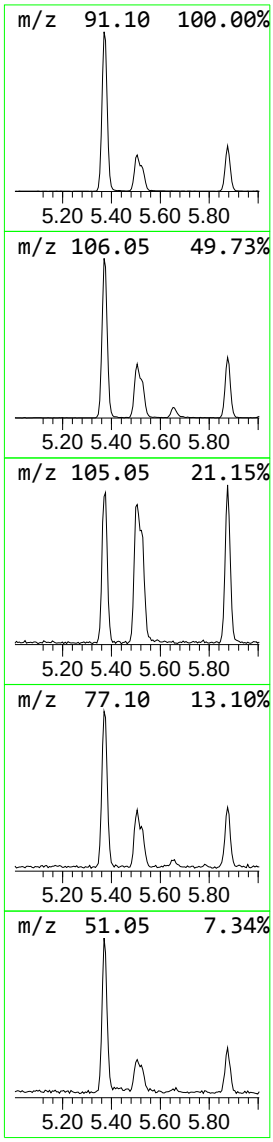
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.505 | 4.01 ng/ul | 258753 | 1,4-Dichlorobenzene-d4 | 7.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

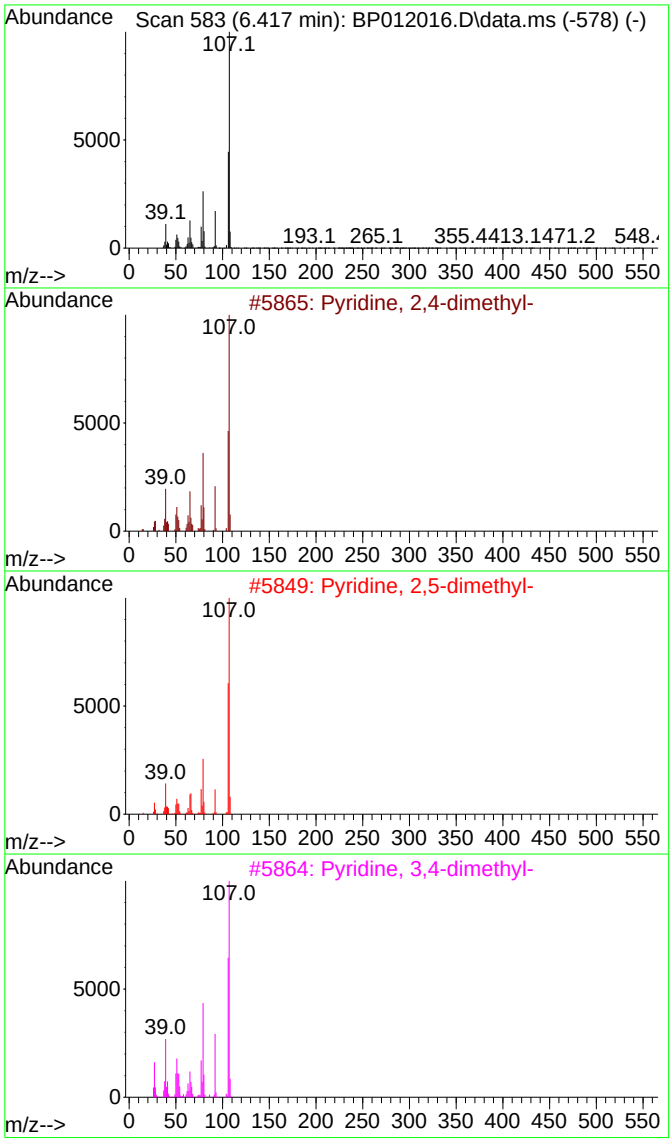
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

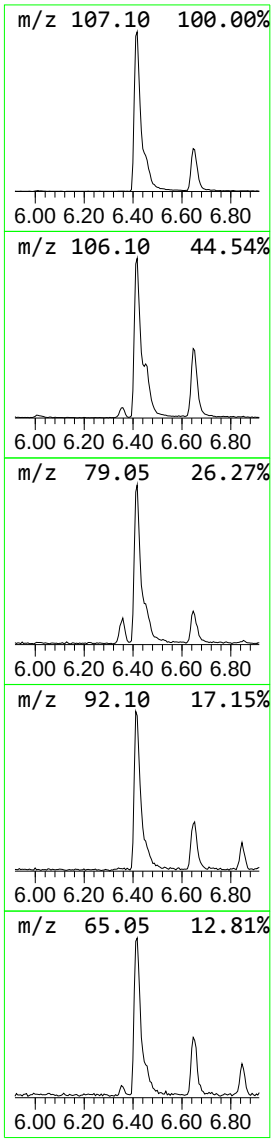
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Pyridine, 2,4-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.417 | 7.42 ng/ul | 478792 | 1,4-Dichlorobenzene-d4 | 7.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 2,4-dimethyl- | 107 | C7H9N | 000108-47-4 | 95 |
| 2 | Pyridine, 2,5-dimethyl- | 107 | C7H9N | 000589-93-5 | 91 |
| 3 | Pyridine, 3,4-dimethyl- | 107 | C7H9N | 000583-58-4 | 91 |
| 4 | Pyridine, 2,5-dimethyl- | 107 | C7H9N | 000589-93-5 | 91 |
| 5 | Pyridine, 2,4-dimethyl- | 107 | C7H9N | 000108-47-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

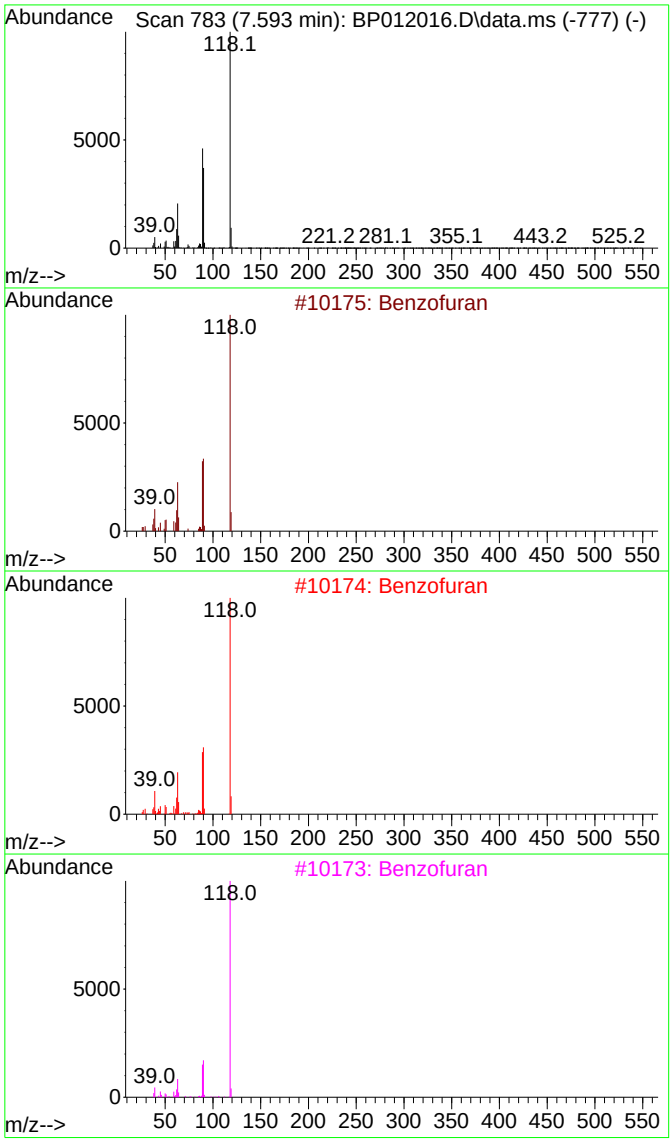
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

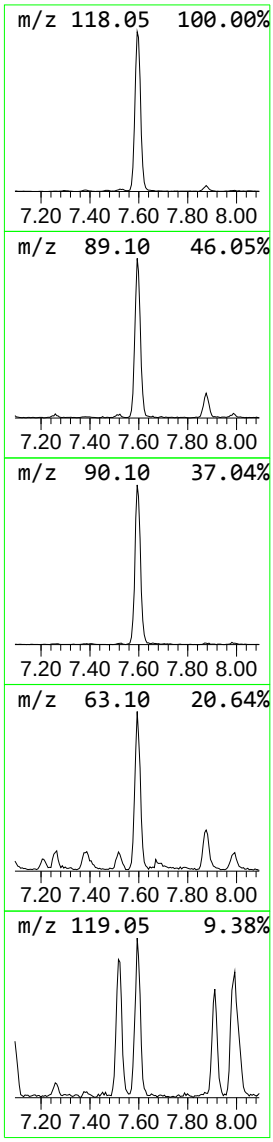
**********

Peak Number 8 Benzofuran Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.593 | 3.89 ng/ul | 250789 | 1,4-Dichlorobenzene-d4 | 7.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran | 118 | C8H6O | 000271-89-6 | 96 |
| 2 | Benzofuran | 118 | C8H6O | 000271-89-6 | 91 |
| 3 | Benzofuran | 118 | C8H6O | 000271-89-6 | 90 |
| 4 | 3-Hydroxyphenylacetylene | 118 | C8H6O | 010401-11-3 | 86 |
| 5 | Benzofuran | 118 | C8H6O | 000271-89-6 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

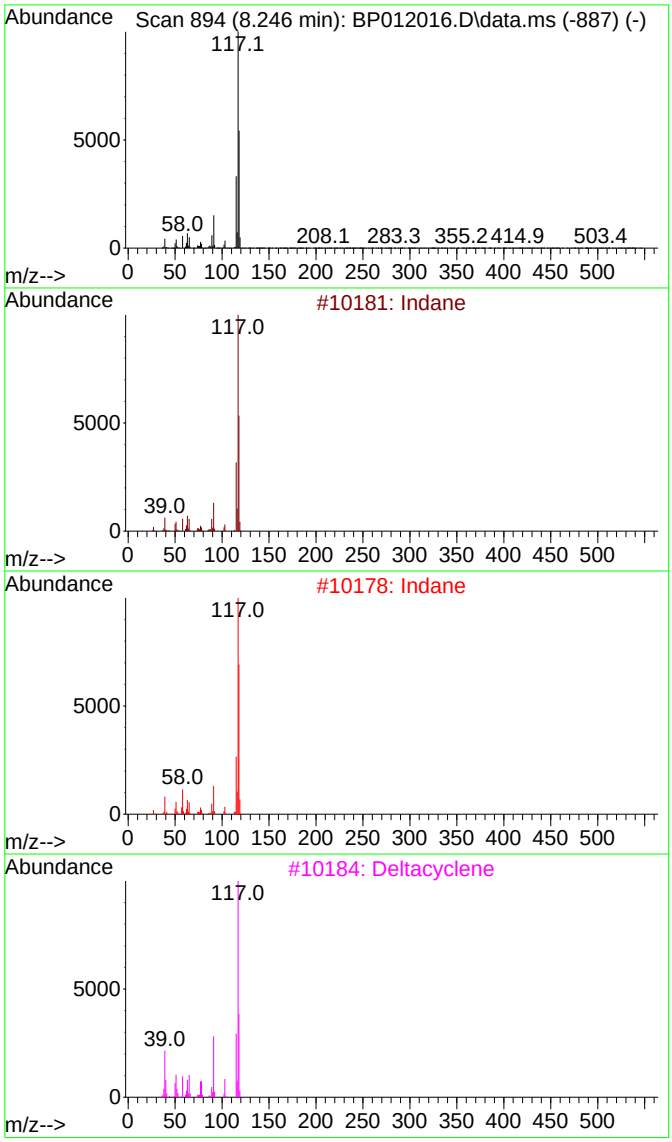
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

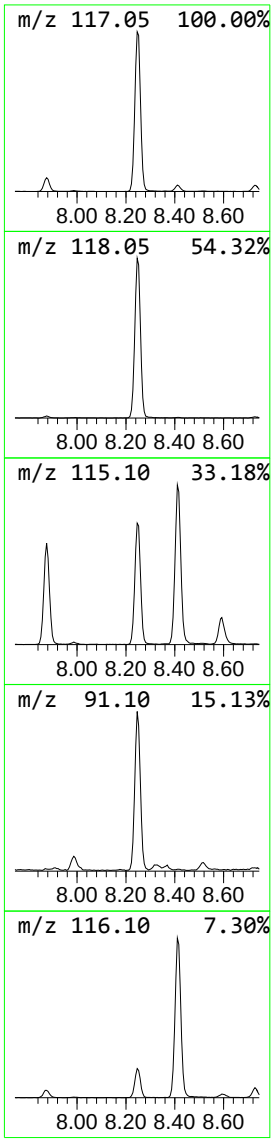
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.246 | 21.47 ng/ul | 1384700 | 1,4-Dichlorobenzene-d4 | 7.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 3 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 72 |
| 4 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 64 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

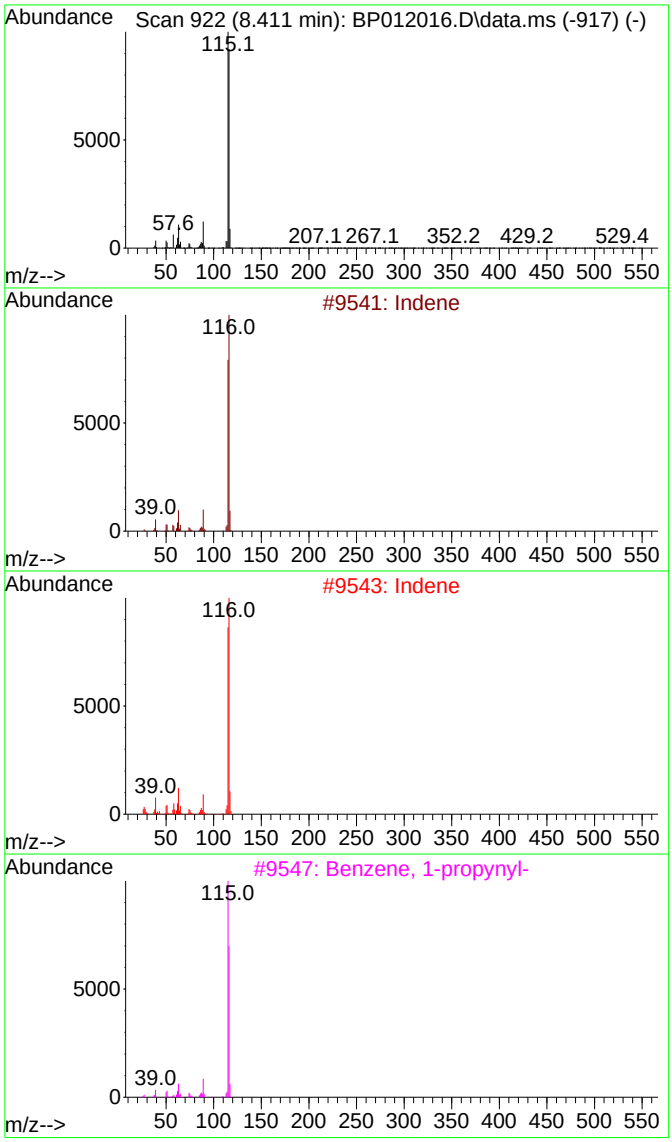
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

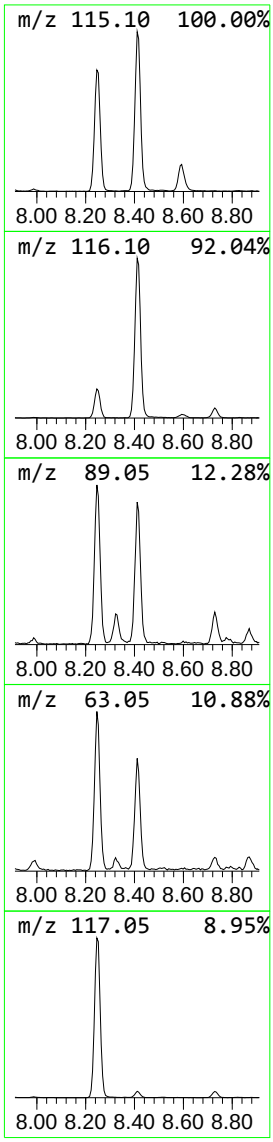
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Indene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.411 | 9.55 ng/ul | 615980 | 1,4-Dichlorobenzene-d4 | 7.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 97 |
| 2 | Indene | 116 | C9H8 | 000095-13-6 | 95 |
| 3 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 94 |
| 4 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 91 |
| 5 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

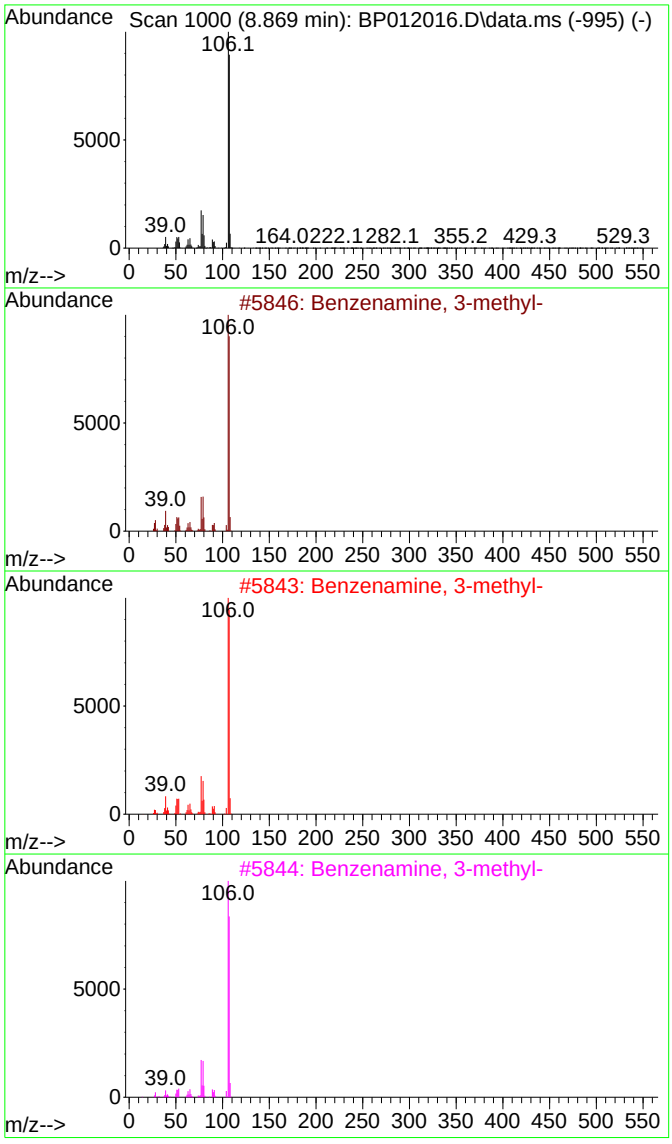
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

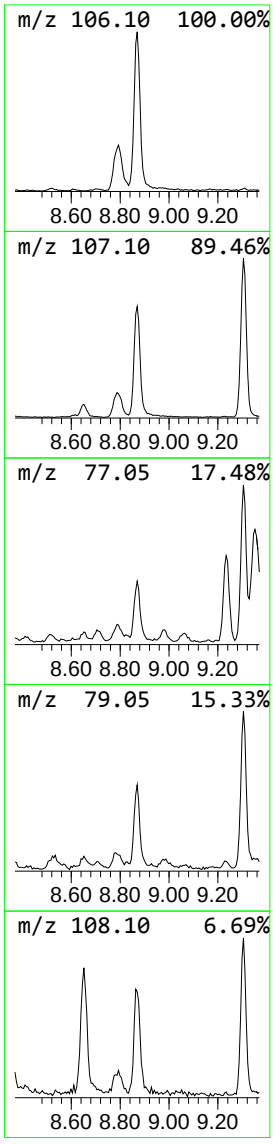
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzenamine, 3-methyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.869 | 4.02 ng/ul | 259345 | 1,4-Dichlorobenzene-d4 | 7.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 97 |
| 2 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 97 |
| 3 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 97 |
| 4 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 95 |
| 5 | o-Toluidine | 107 | C7H9N | 000095-53-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

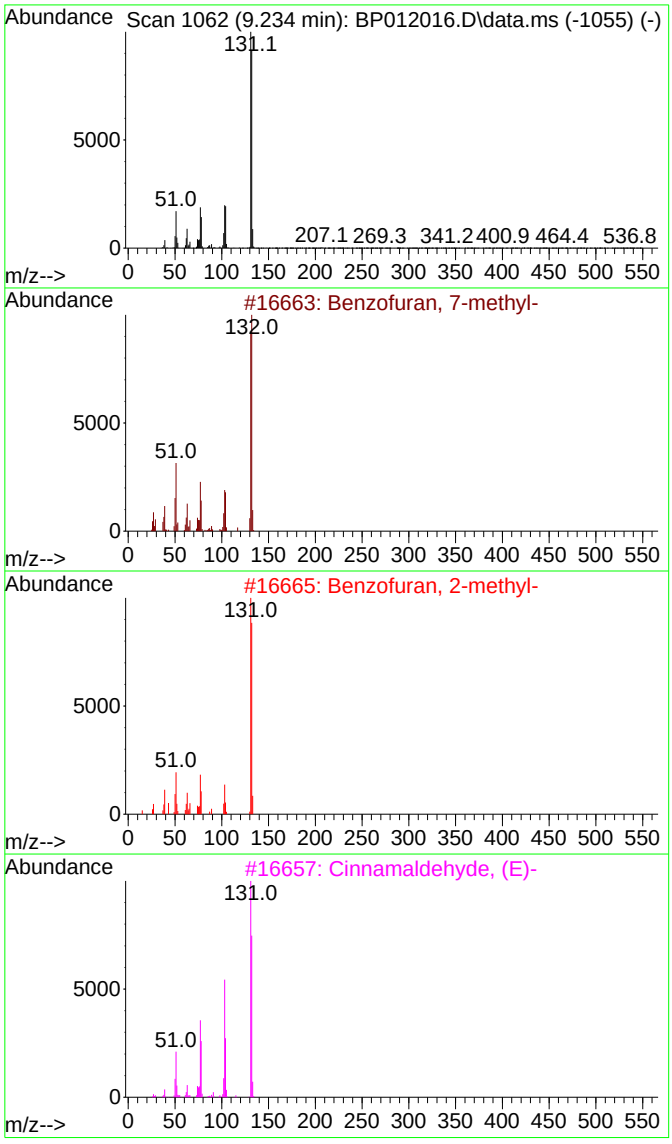
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

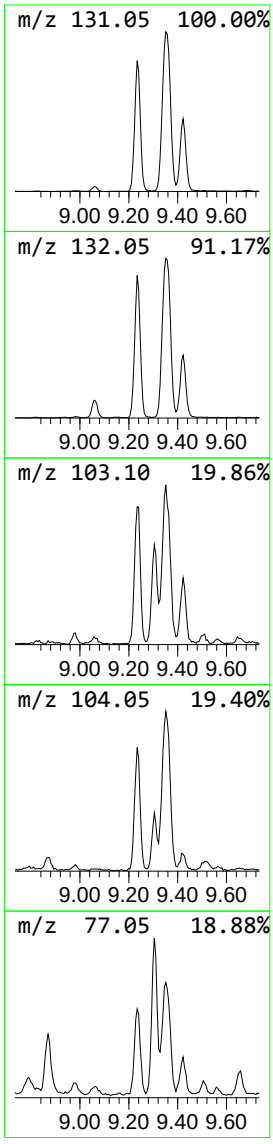
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzofuran, 7-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.234 | 5.35 ng/ul | 344768 | 1,4-Dichlorobenzene-d4 | 7.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 95 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 93 |
| 3 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 90 |
| 4 | 1H-Indazole, 7-methyl- | 132 | C8H8N2 | 1000316-00-7 | 90 |
| 5 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

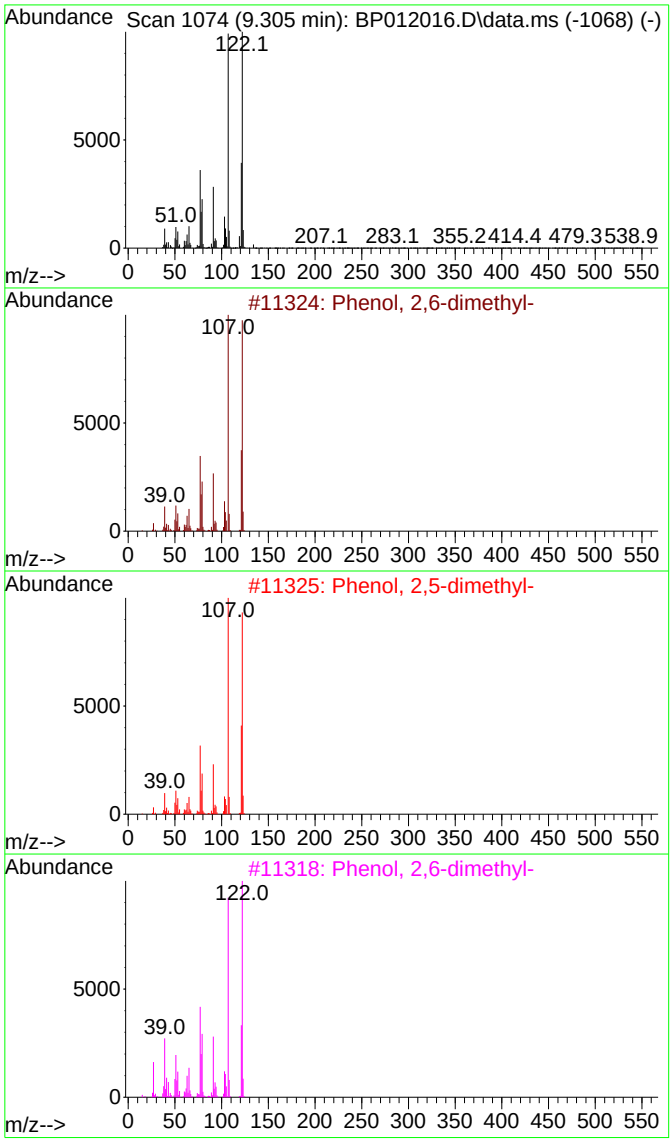
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

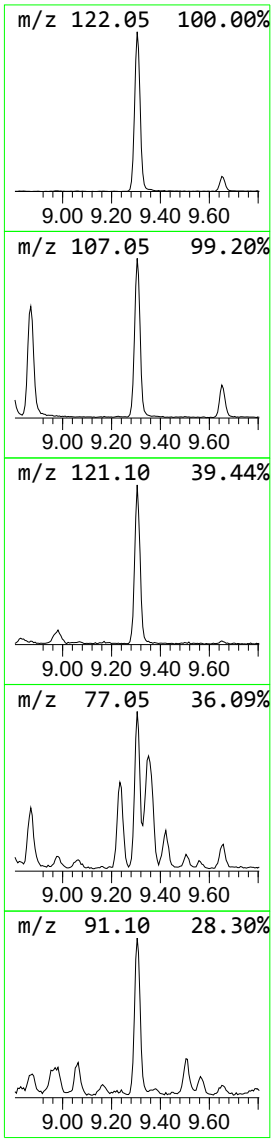
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Phenol, 2,6-dimethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.305 | 5.10 ng/ul | 475185 | Naphthalene-d8 | 10.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 97 |
| 2 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 96 |
| 3 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 95 |
| 4 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 95 |
| 5 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

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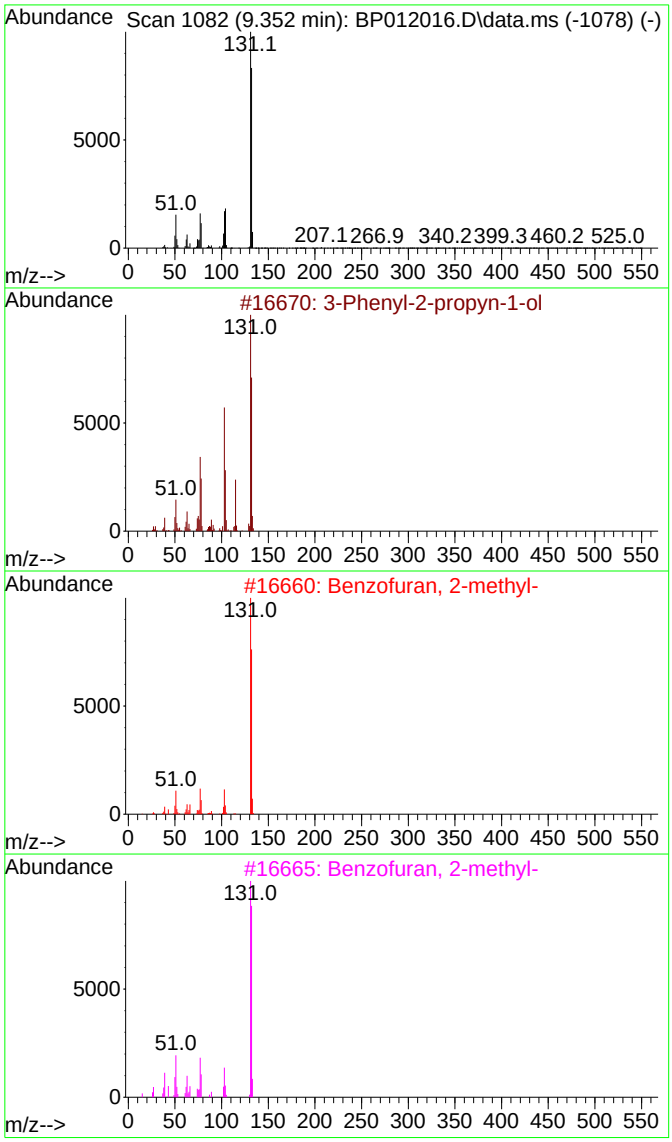
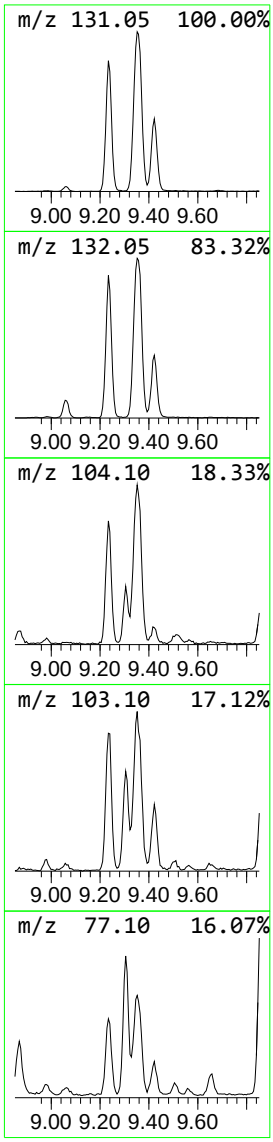
Peak Number 15 3-Phenyl-2-propyn-1-ol Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.352 | 5.97 ng/ul | 556079 | Naphthalene-d8 | 10.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 91 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 4 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 5 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

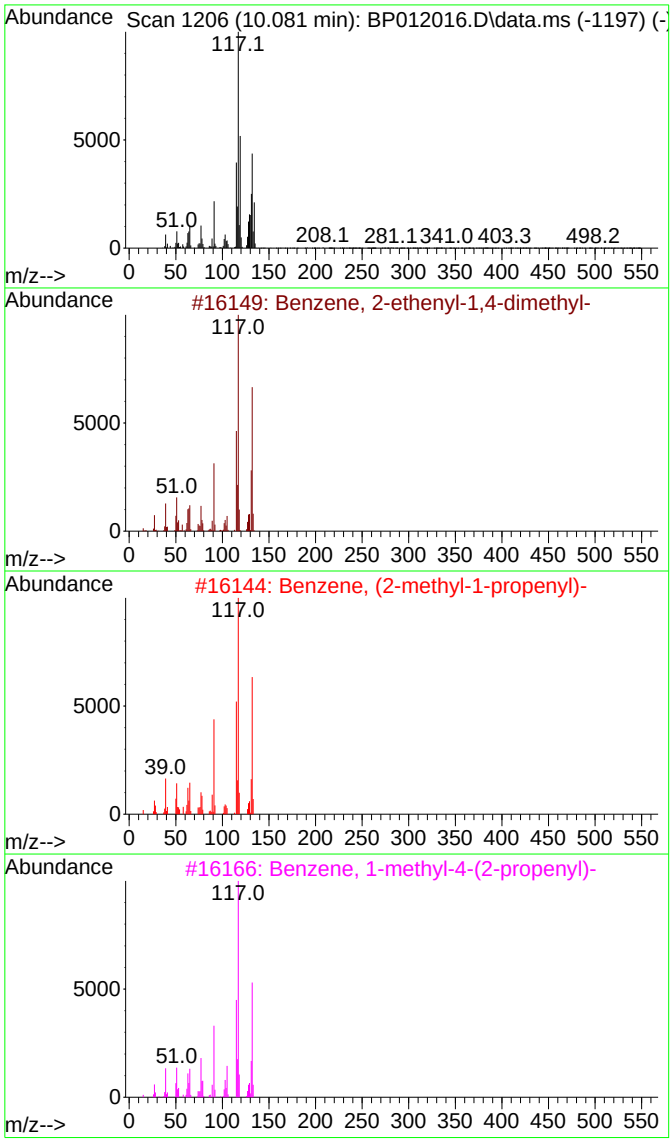
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

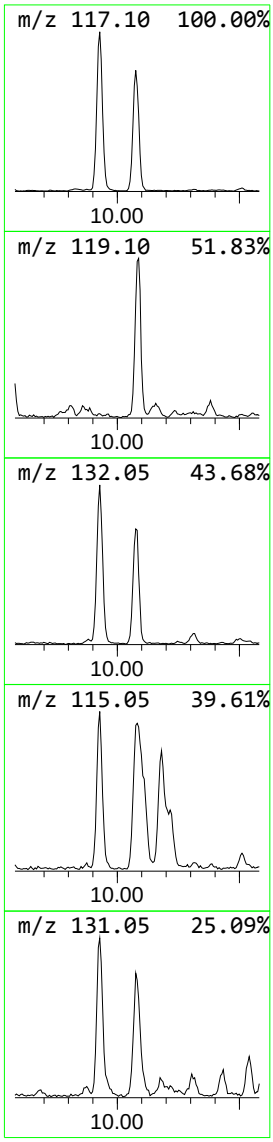
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.081 | 4.29 ng/ul | 399867 | Naphthalene-d8 | 10.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 95 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 60 |
| 3 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 60 |
| 4 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 60 |
| 5 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

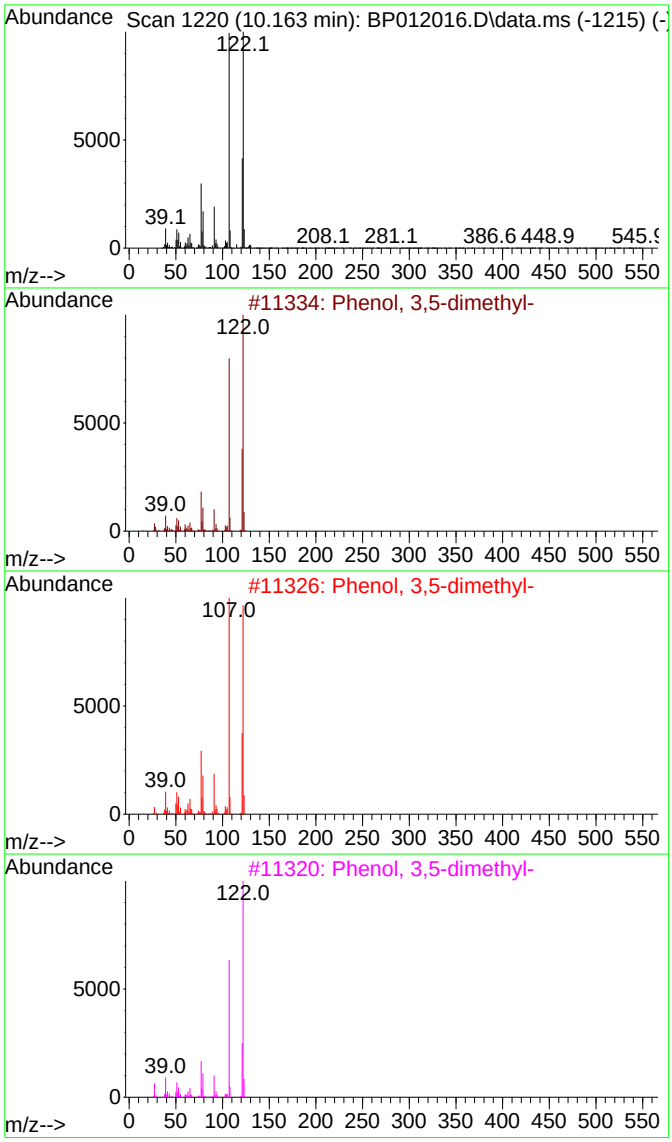
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

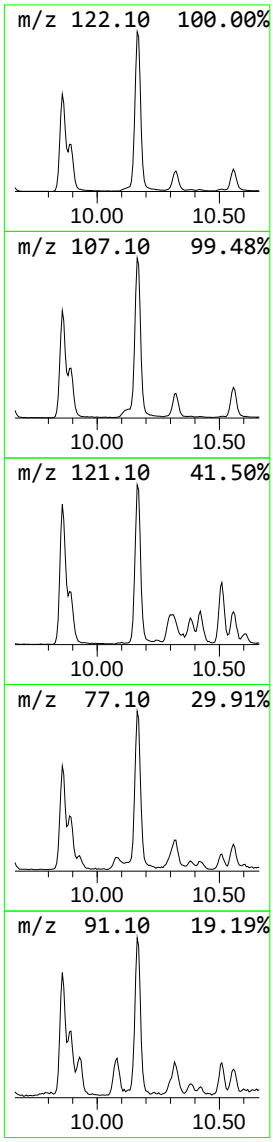
**********

Peak Number 18 Phenol, 3,5-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.163 | 13.04 ng/ul | 1214220 | Naphthalene-d8 | 10.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 96 |
| 2 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 96 |
| 3 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 95 |
| 4 | Phenol, 3,4-dimethyl-, methylcar... | 179 | C10H13NO2 | 002425-10-7 | 94 |
| 5 | Phenol, 2,4-dimethyl- | 122 | C8H10O | 000105-67-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

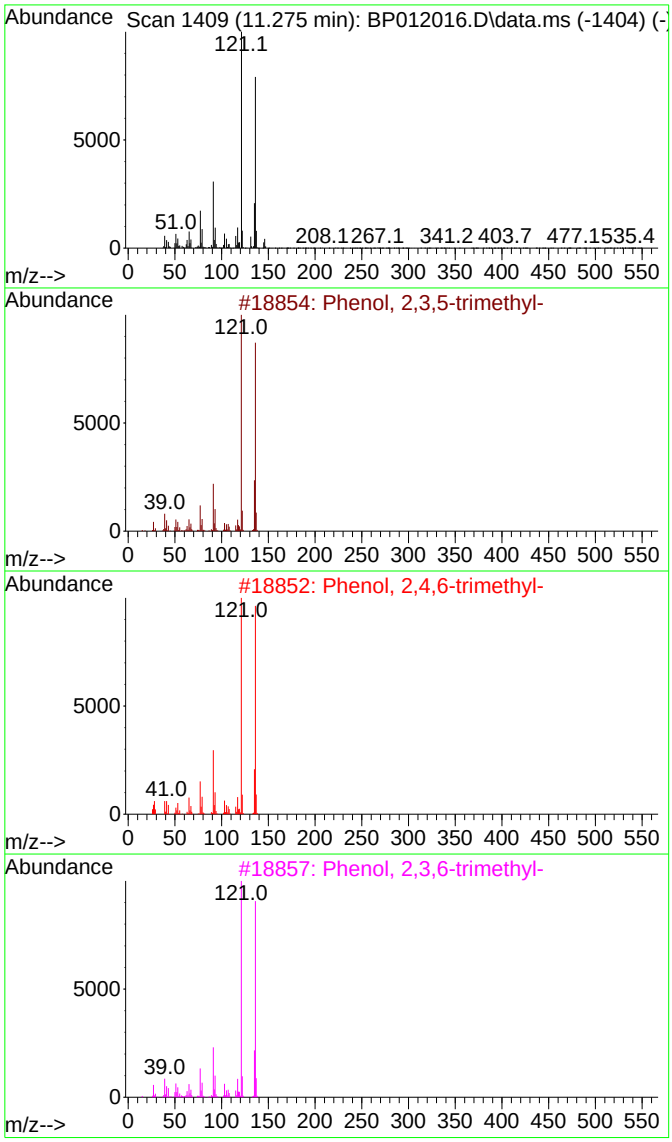
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

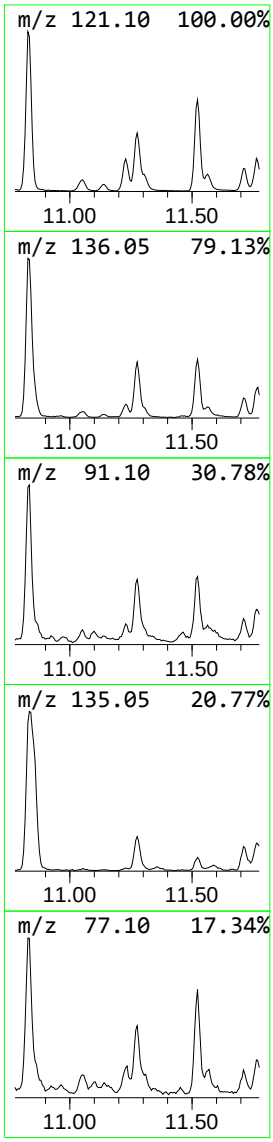
**********

Peak Number 19 Phenol, 2,3,5-trimethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.275 | 3.36 ng/ul | 312908 | Naphthalene-d8 | 10.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 95 |
| 2 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 94 |
| 3 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 94 |
| 4 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 94 |
| 5 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

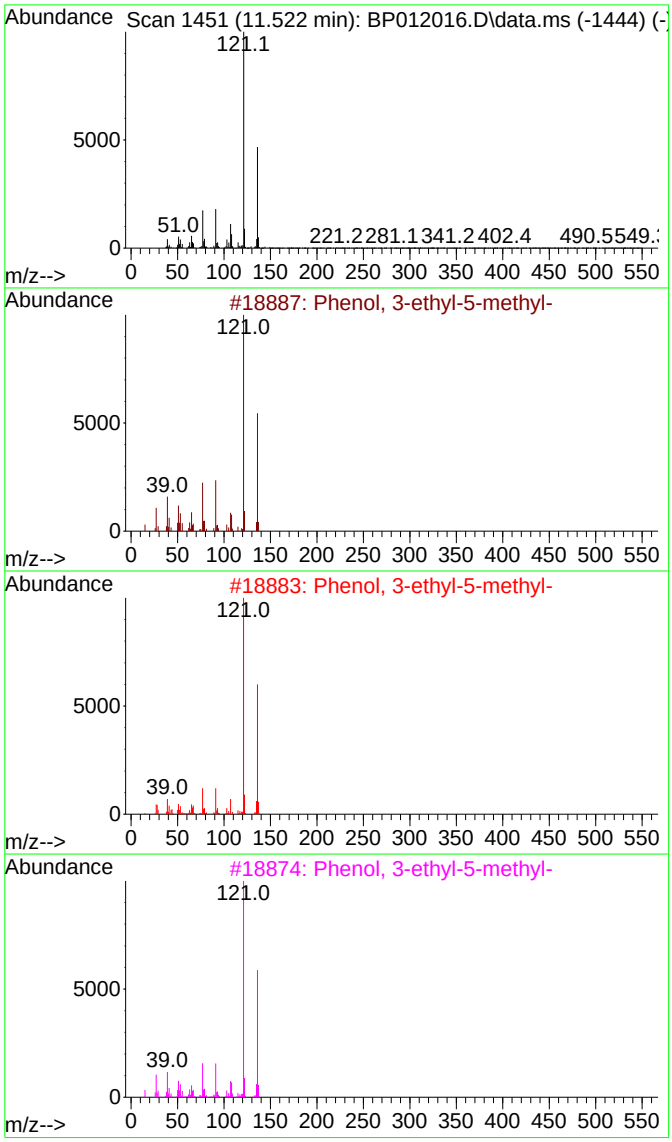
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

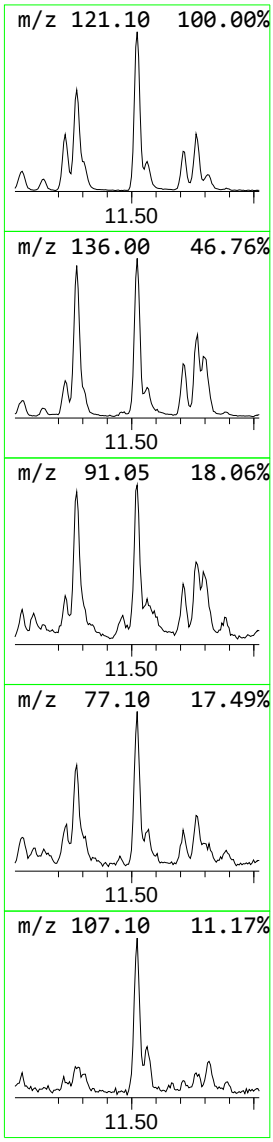
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Phenol, 3-ethyl-5-methyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.522 | 3.87 ng/ul | 360129 | Naphthalene-d8 | 10.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 94 |
| 2 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 91 |
| 3 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 91 |
| 4 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 91 |
| 5 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

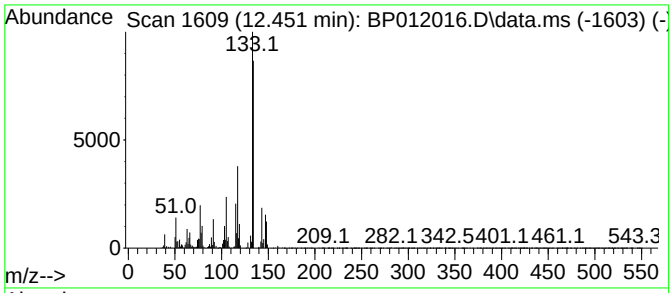
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

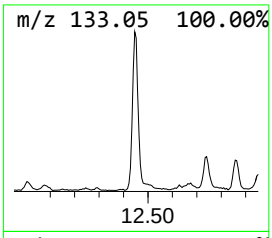
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

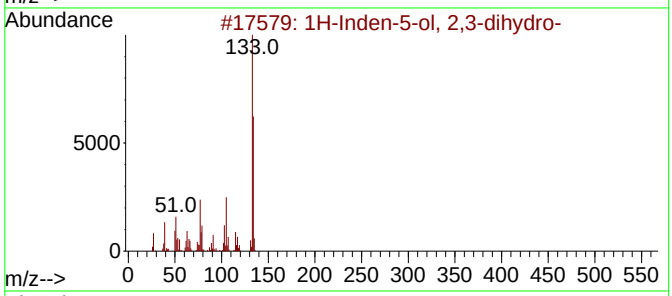
**********
Peak Number 23 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 30

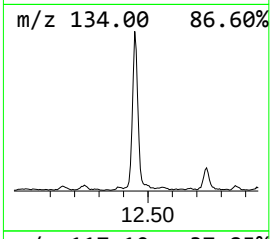
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.451 | 3.25 ng/ul | 303133 | Naphthalene-d8 | 10.681 |

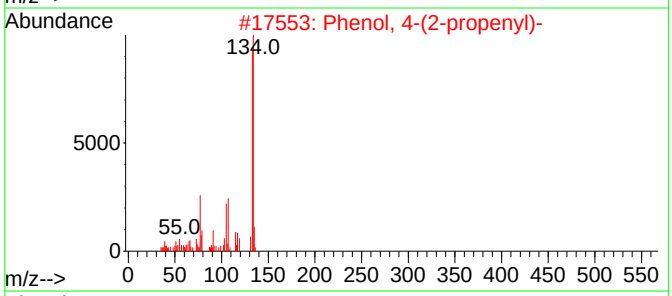
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-5-ol, 2,3-dihydro- | 134 | C9H10O | 001470-94-6 | 70 |
| 2 | Phenol, 4-(2-propenyl)- | 134 | C9H10O | 000501-92-8 | 68 |
| 3 | Benzaldehyde, 3,4-dimethyl- | 134 | C9H10O | 005973-71-7 | 60 |
| 4 | 1H-Inden-5-ol, 2,3-dihydro- | 134 | C9H10O | 001470-94-6 | 58 |
| 5 | Benzaldehyde, 2-ethyl- | 134 | C9H10O | 022927-13-5 | 58 |

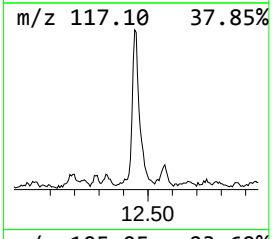


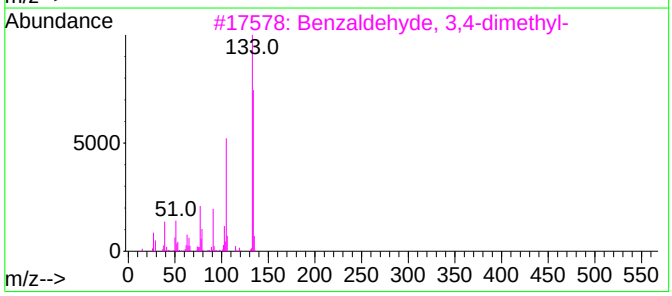



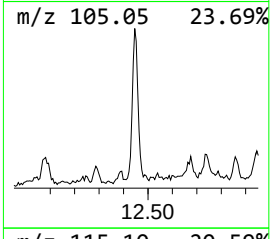



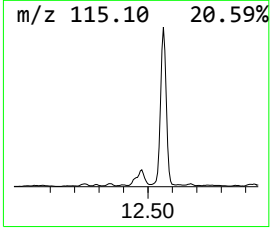



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

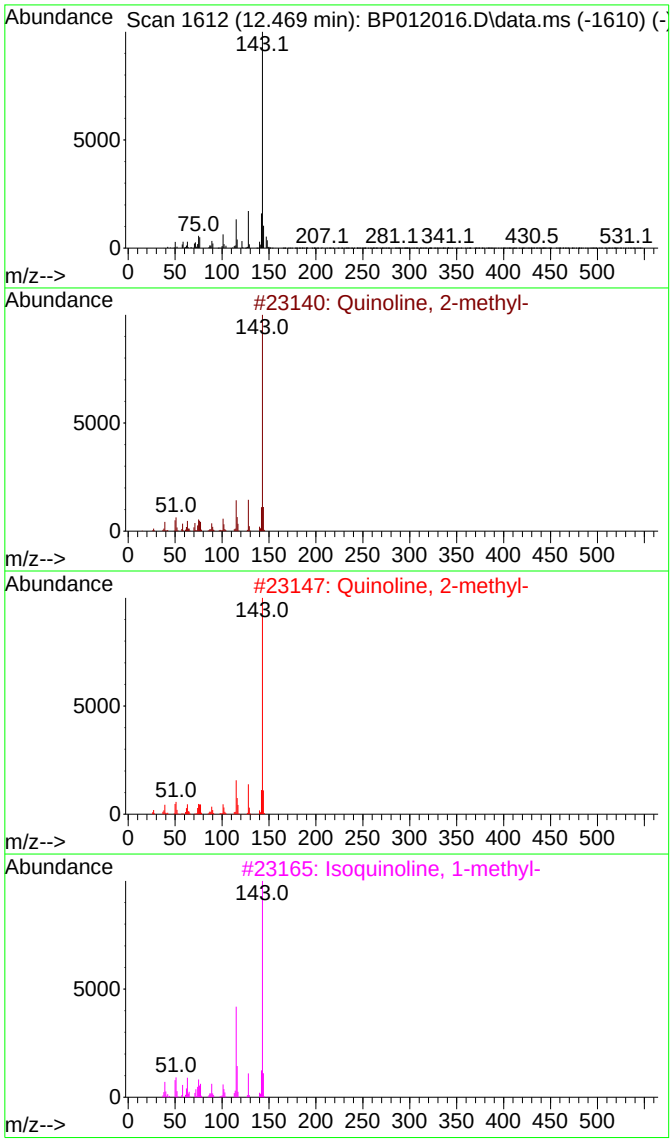
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

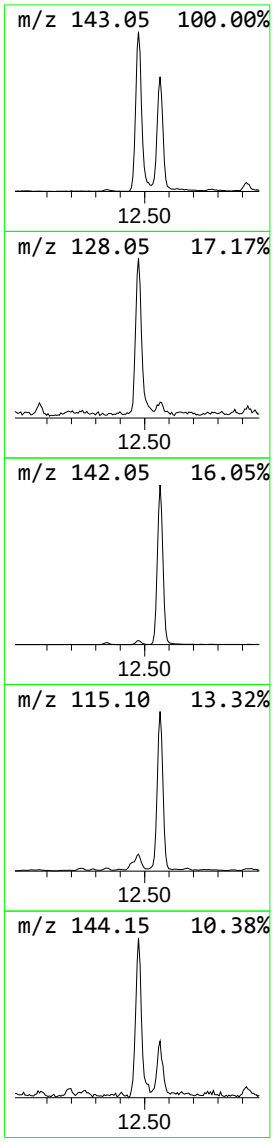
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Quinoline, 2-methyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.469 | 3.97 ng/ul | 370050 | Naphthalene-d8 | 10.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Quinoline, 2-methyl- | 143 | C10H9N | 000091-63-4 | 87 |
| 2 | Quinoline, 2-methyl- | 143 | C10H9N | 000091-63-4 | 87 |
| 3 | Isoquinoline, 1-methyl- | 143 | C10H9N | 001721-93-3 | 72 |
| 4 | Quinoline, 2-methyl- | 143 | C10H9N | 000091-63-4 | 72 |
| 5 | 2-Naphthalenamine | 143 | C10H9N | 000091-59-8 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

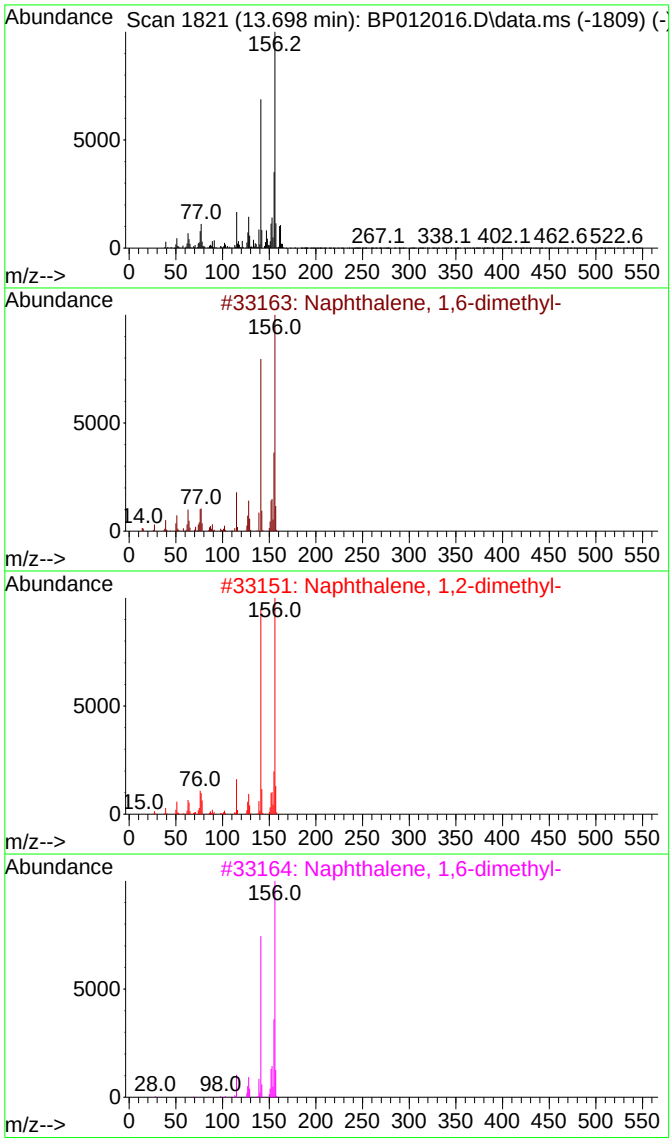
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

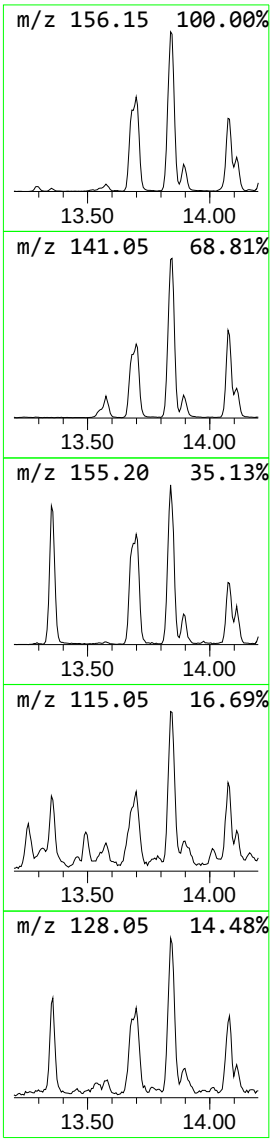
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Naphthalene, 1,6-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.698 | 6.81 ng/ul | 852074 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 2 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 96 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

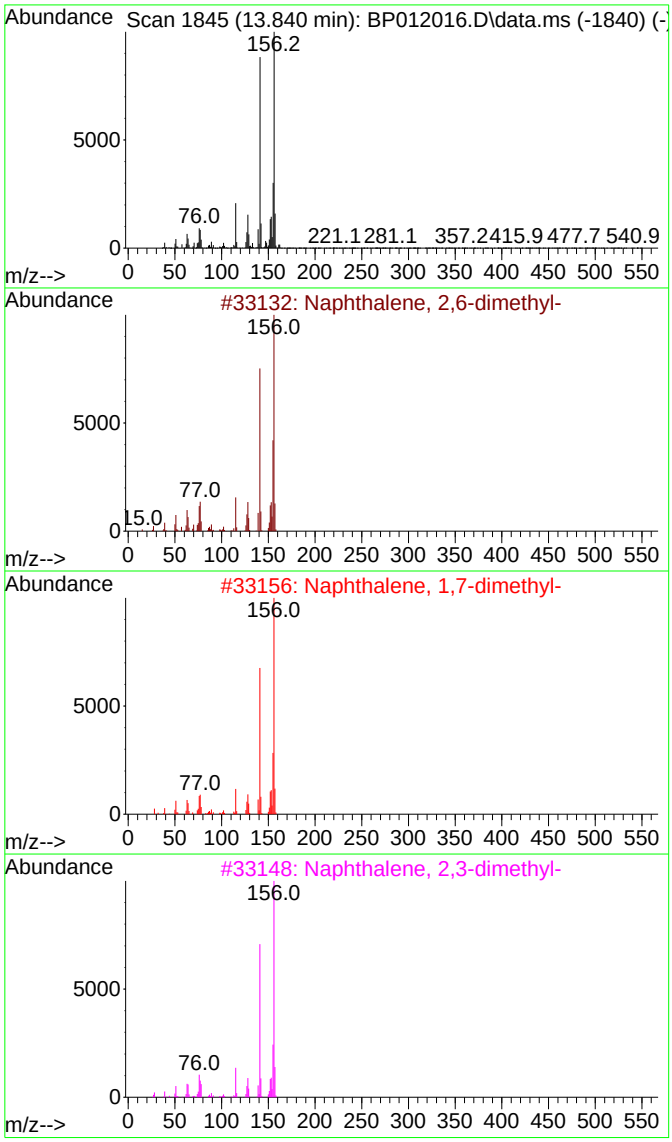
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

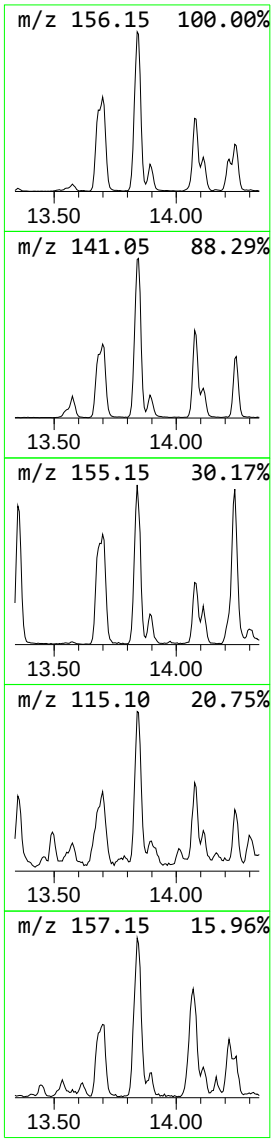
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Naphthalene, 2,6-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.840 | 6.51 ng/ul | 815500 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

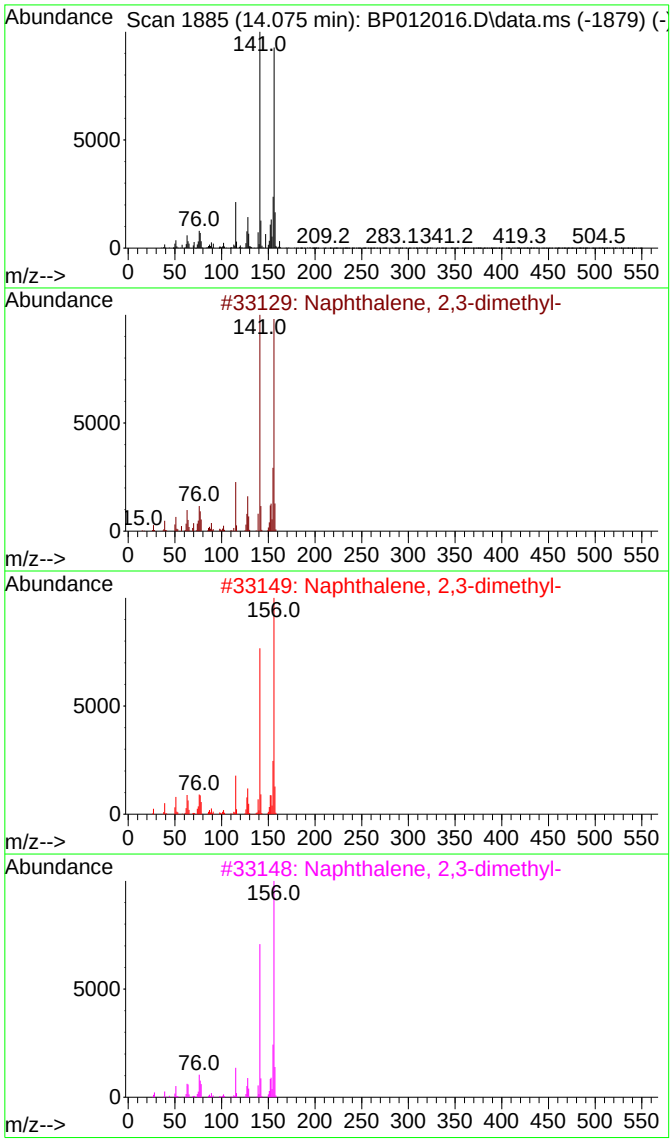
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

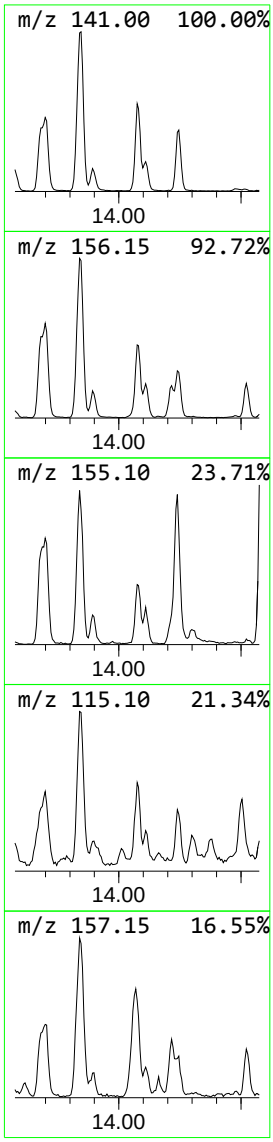
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Naphthalene, 2,3-dimethyl- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.075 | 2.68 ng/ul | 335663 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

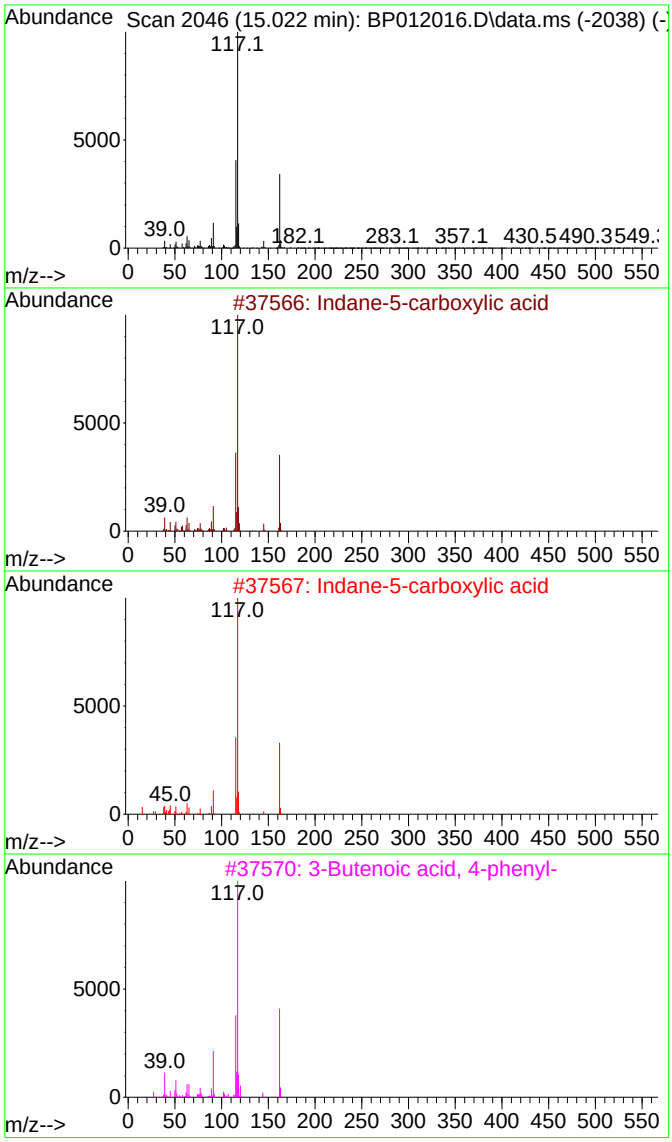
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

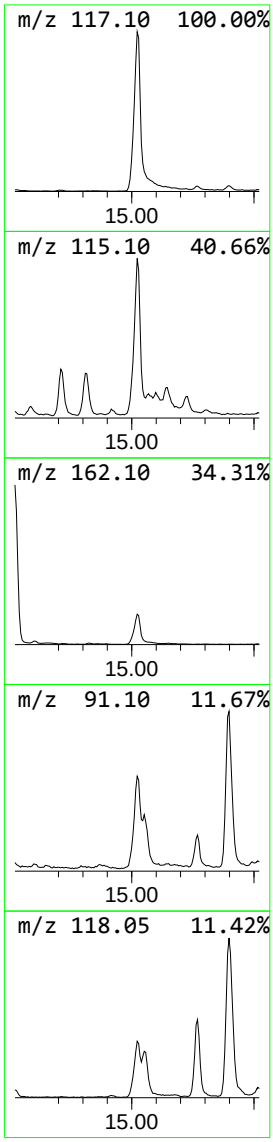
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Indane-5-carboxylic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.022 | 9.18 ng/ul | 1149750 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane-5-carboxylic acid | 162 | C10H10O2 | 065898-38-6 | 94 |
| 2 | Indane-5-carboxylic acid | 162 | C10H10O2 | 065898-38-6 | 91 |
| 3 | 3-Butenoic acid, 4-phenyl- | 162 | C10H10O2 | 002243-53-0 | 80 |
| 4 | trans-4-Phenyl-3-butenoic acid | 162 | C10H10O2 | 001914-58-5 | 76 |
| 5 | Benzene, (2-bromocyclopropyl)- | 196 | C9H9Br | 036617-02-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

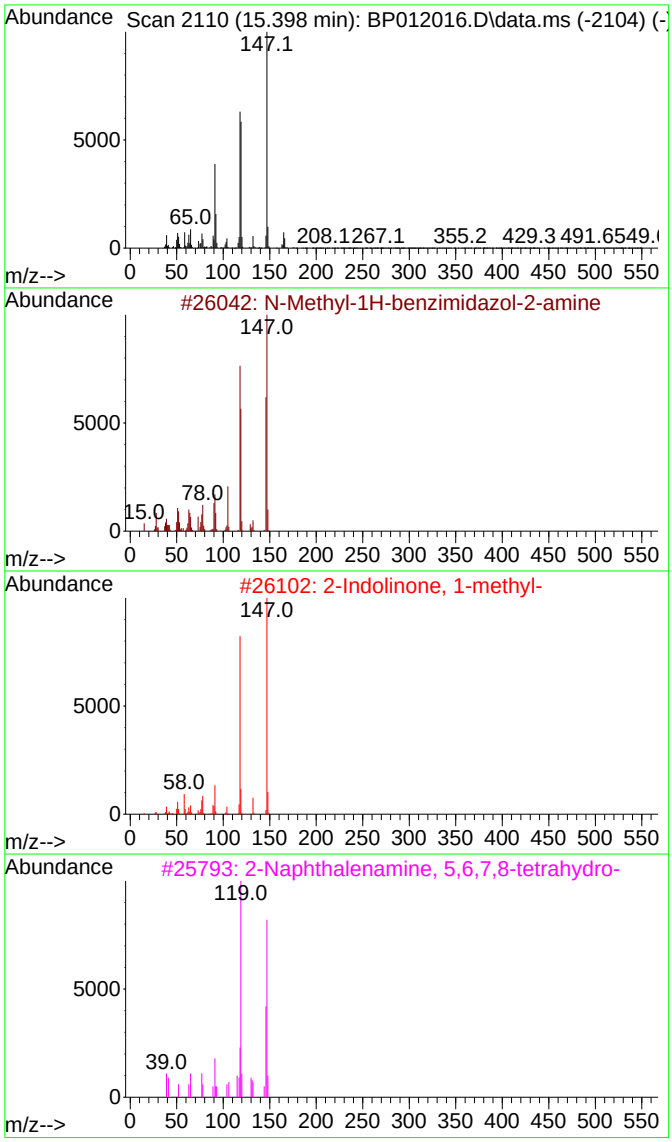
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

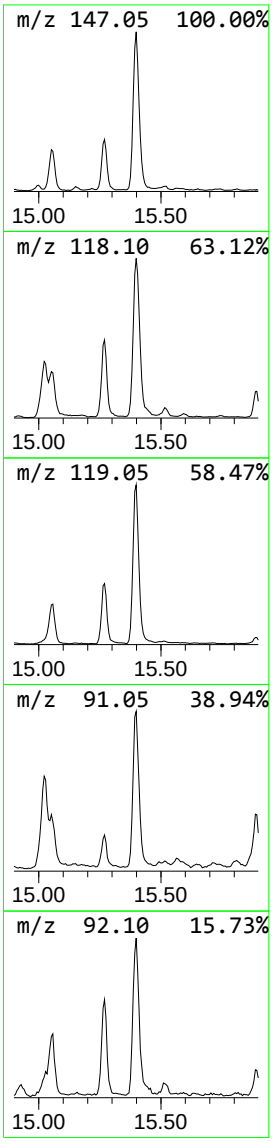
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 N-Methyl-1H-benzimidazol-2-... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.398 | 6.66 ng/ul | 833256 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-Methyl-1H-benzimidazol-2-amine | 147 | C8H9N3 | 017228-38-5 | 86 |
| 2 | 2-Indolinone, 1-methyl- | 147 | C9H9NO | 000061-70-1 | 70 |
| 3 | 2-Naphthalenamine, 5,6,7,8-tetra... | 147 | C10H13N | 002217-43-8 | 64 |
| 4 | 2-Indolinone, 1-methyl- | 147 | C9H9NO | 000061-70-1 | 62 |
| 5 | 2-Indolinone, 1-methyl- | 147 | C9H9NO | 000061-70-1 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

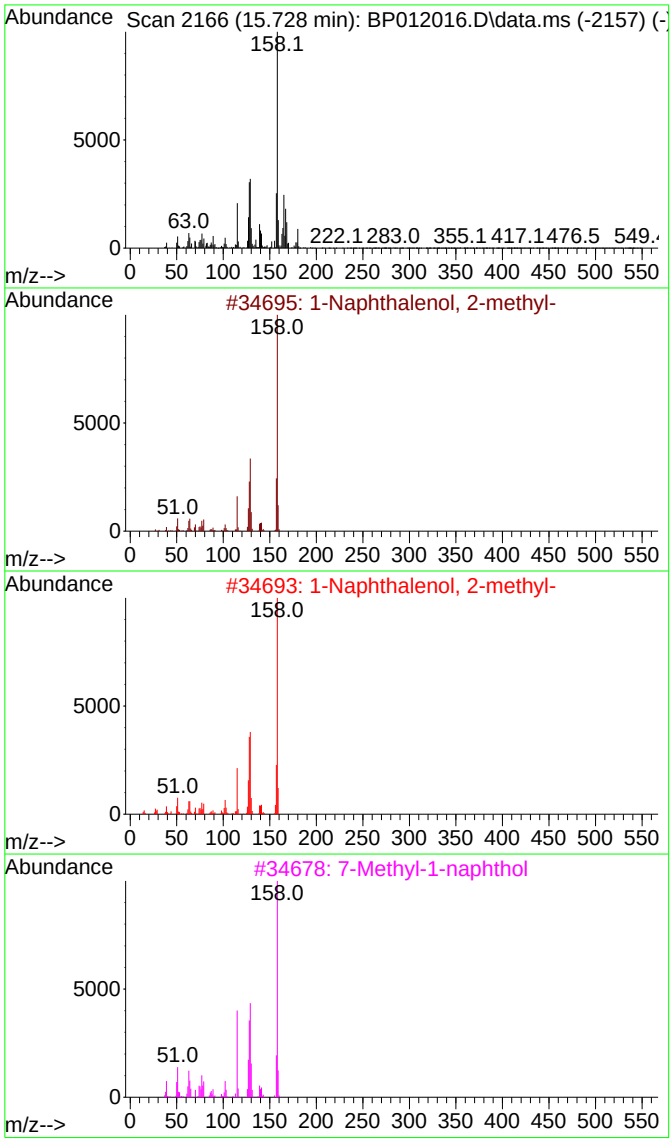
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

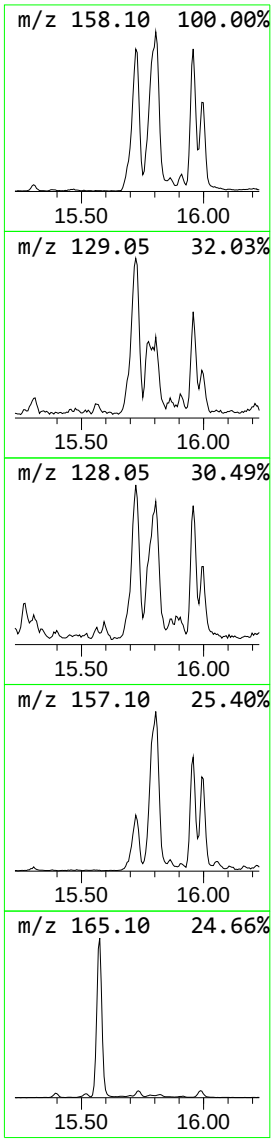
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 1-Naphthalenol, 2-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.728 | 4.59 ng/ul | 574431 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 93 |
| 2 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 91 |
| 3 | 7-Methyl-1-naphthol | 158 | C11H10O | 006939-33-9 | 70 |
| 4 | 7-Methylnaphthalen-2-ol | 158 | C11H10O | 026593-50-0 | 46 |
| 5 | 1-Methyl-2-naphthol | 158 | C11H10O | 001076-26-2 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

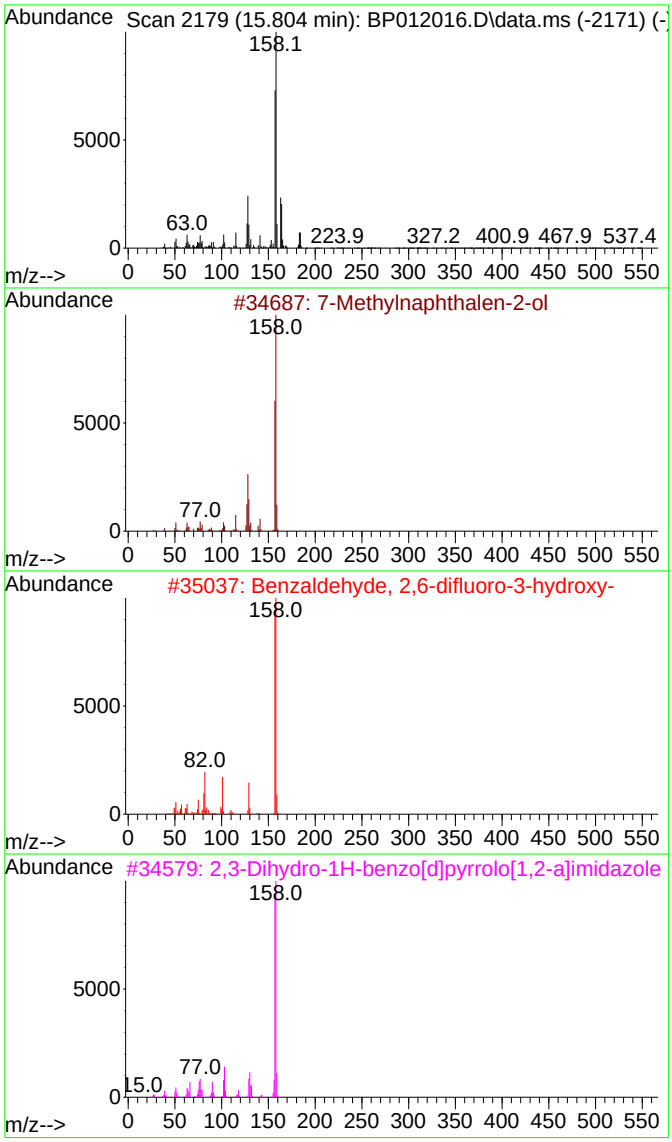
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

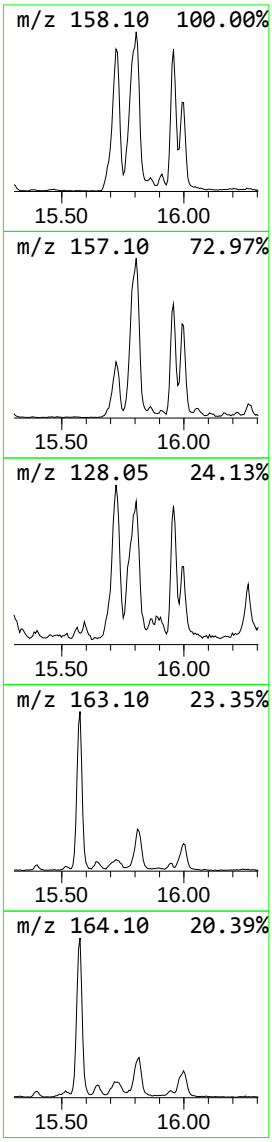
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 7-Methylnaphthalen-2-ol Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.804 | 5.14 ng/ul | 643655 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Methylnaphthalen-2-ol | 158 | C11H10O | 026593-50-0 | 62 |
| 2 | Benzaldehyde, 2,6-difluoro-3-hyd... | 158 | C7H4F2O2 | 152434-88-3 | 50 |
| 3 | 2,3-Dihydro-1H-benzo[d]pyrrolo[1... | 158 | C10H10N2 | 1000443-06-8 | 49 |
| 4 | 1H-Benzimidazole, 1-(2-propenyl)- | 158 | C10H10N2 | 019018-22-5 | 47 |
| 5 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

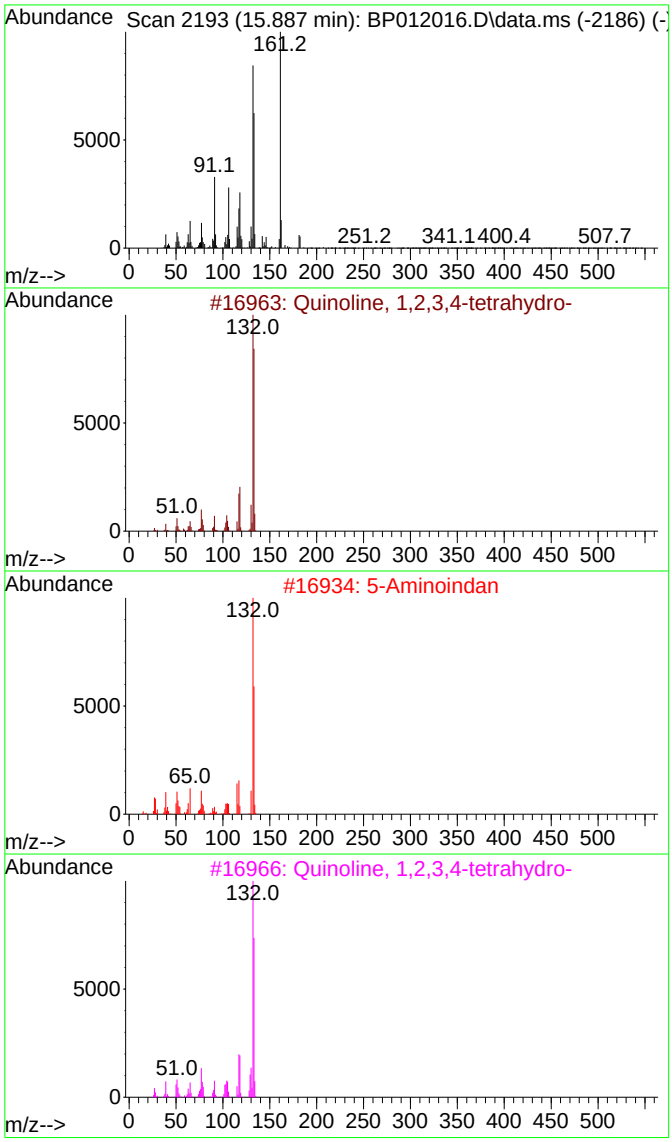
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

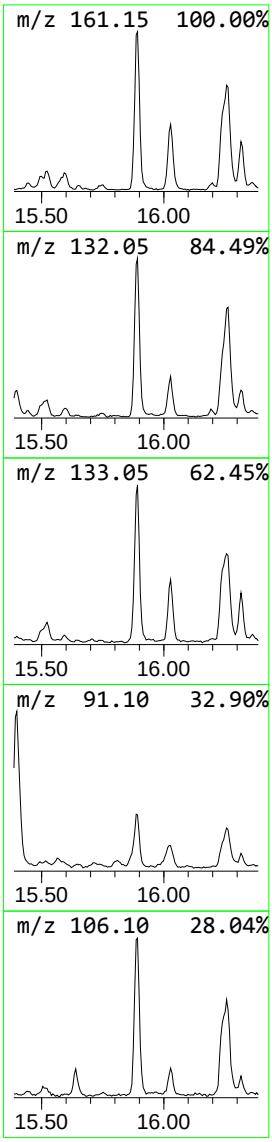
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Quinoline, 1,2,3,4-tetrahydro- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.887 | 4.79 ng/ul | 599348 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Quinoline, 1,2,3,4-tetrahydro- | 133 | C9H11N | 000635-46-1 | 55 |
| 2 | 5-Aminoindan | 133 | C9H11N | 024425-40-9 | 50 |
| 3 | Quinoline, 1,2,3,4-tetrahydro- | 133 | C9H11N | 000635-46-1 | 50 |
| 4 | Isoquinoline, 5,6,7,8-tetrahydro- | 133 | C9H11N | 036556-06-6 | 43 |
| 5 | Tranylcypromine | 133 | C9H11N | 000155-09-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

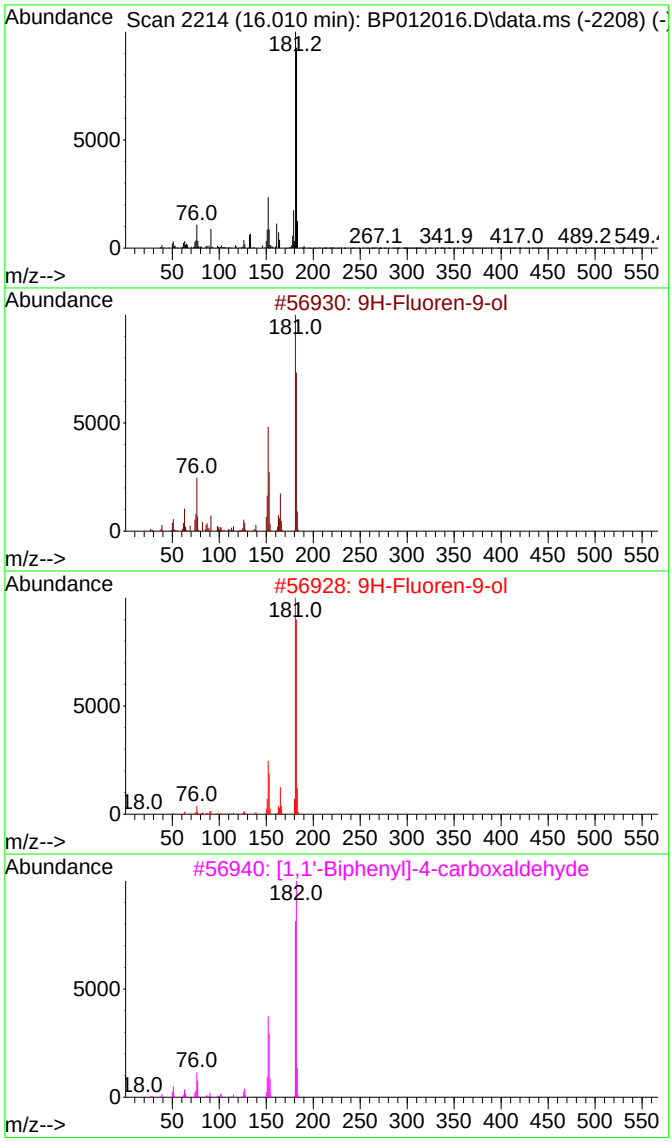
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

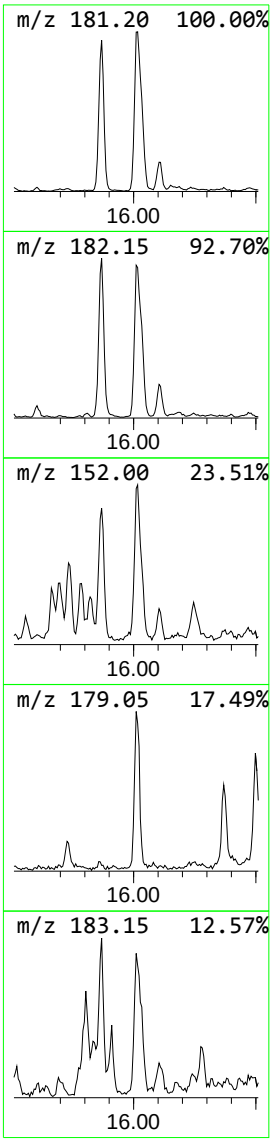
**********

Peak Number 35 9H-Fluoren-9-ol Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.010 | 4.38 ng/ul | 631255 | Phenanthrene-d10 | 17.281 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 87 |
| 2 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 83 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 83 |
| 4 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 83 |
| 5 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

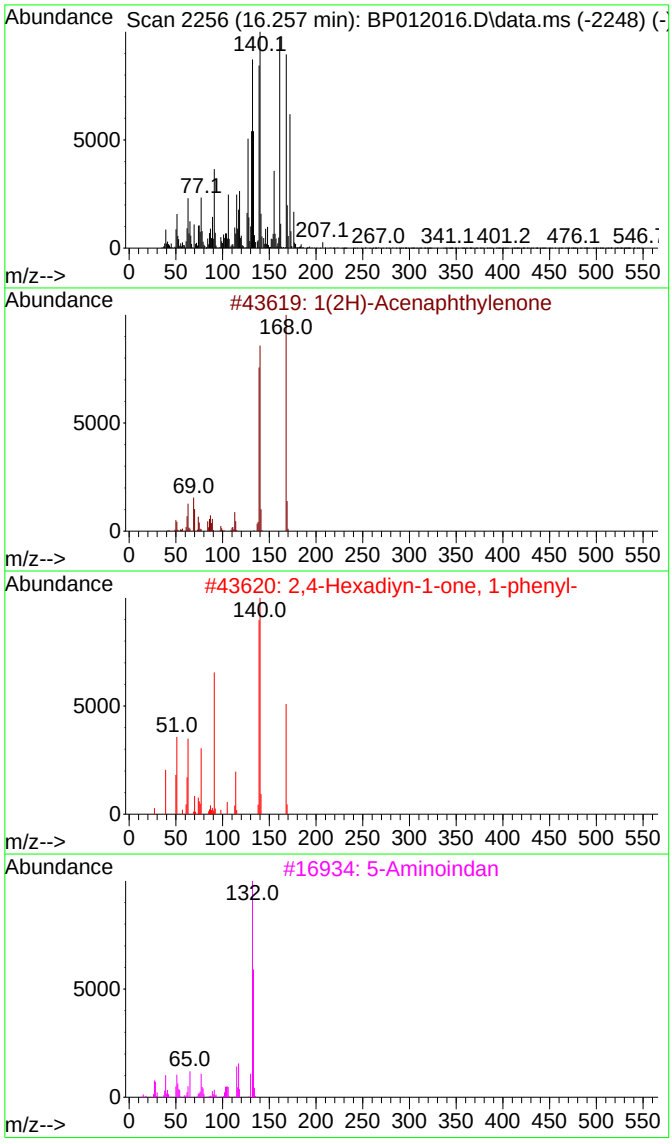
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

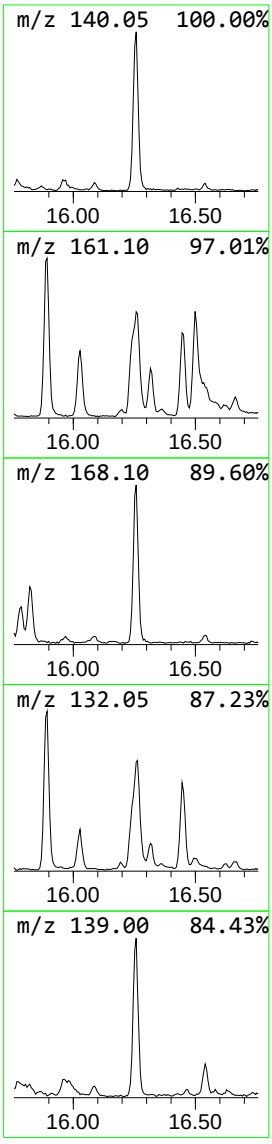
**********

Peak Number 36 1(2H)-Acenaphthylenone Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.257 | 5.96 ng/ul | 859701 | Phenanthrene-d10 | 17.281 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 83 |
| 2 | 2,4-Hexadiyn-1-one, 1-phenyl- | 168 | C12H8O | 000495-74-9 | 38 |
| 3 | 5-Aminoindan | 133 | C9H11N | 024425-40-9 | 25 |
| 4 | 2-Methyl-1,2,3,4-tetrahydroisoqu... | 176 | C11H16N2 | 1000499-94-0 | 25 |
| 5 | 1(2H)-Quinolinecarboxaldehyde, 3... | 161 | C10H11NO | 002739-16-4 | 20 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

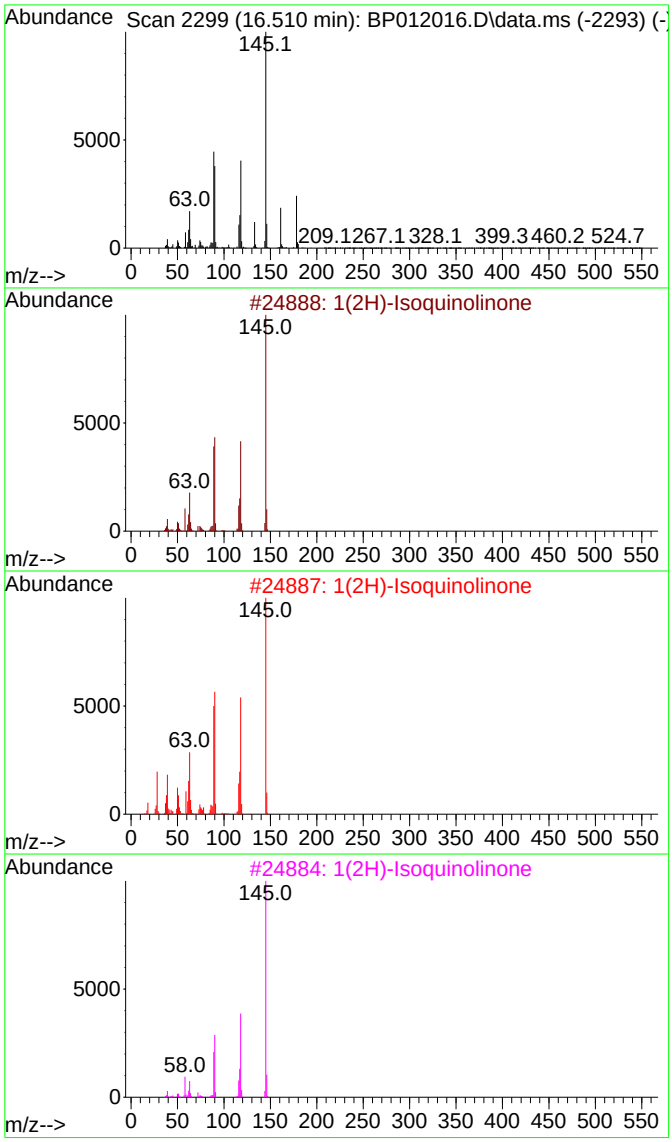
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

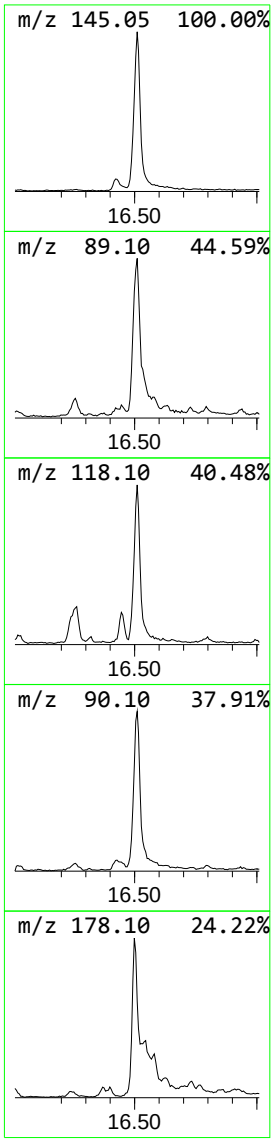
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 1(2H)-Isoquinolinone Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.510 | 5.45 ng/ul | 785754 | Phenanthrene-d10 | 17.281 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 96 |
| 2 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 95 |
| 3 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 76 |
| 4 | 3-Quinolinol | 145 | C9H7NO | 000580-18-7 | 53 |
| 5 | 2-(1H-Pyrazol-3-yl)pyridine | 145 | C8H7N3 | 075415-03-1 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

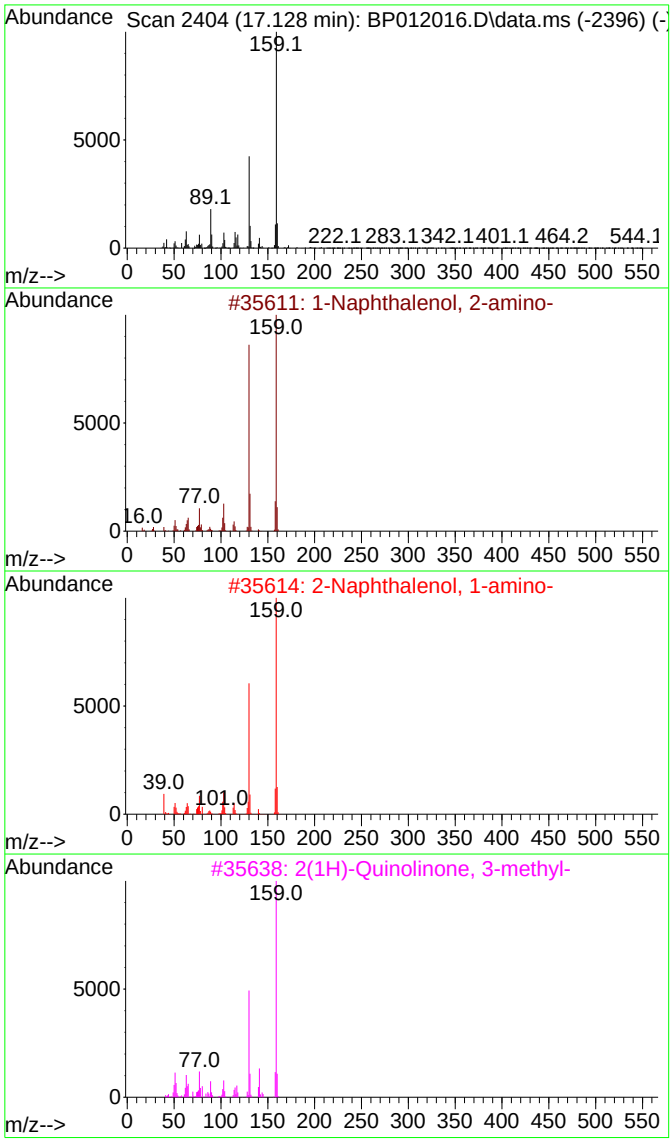
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

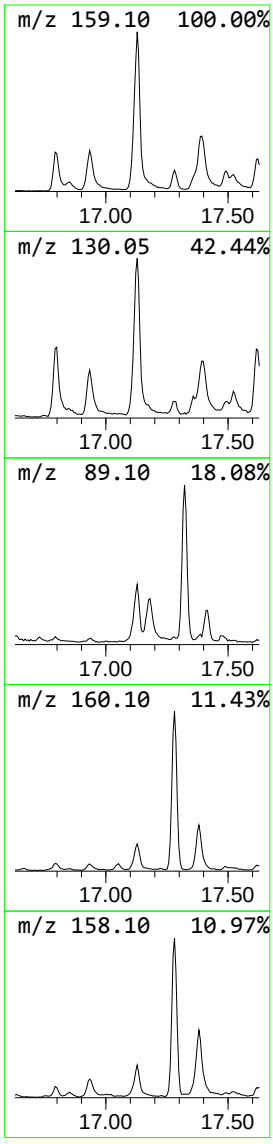
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 1-Naphthalenol, 2-amino- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.128 | 4.41 ng/ul | 636741 | Phenanthrene-d10 | 17.281 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Naphthalenol, 2-amino- | 159 | C10H9NO | 000606-41-7 | 83 |
| 2 | 2-Naphthalenol, 1-amino- | 159 | C10H9NO | 002834-92-6 | 80 |
| 3 | 2(1H)-Quinolinone, 3-methyl- | 159 | C10H9NO | 002721-59-7 | 80 |
| 4 | 1-Naphthalenol, 6-amino- | 159 | C10H9NO | 023894-12-4 | 72 |
| 5 | 3-Amino-2-naphthol | 159 | C10H9NO | 005417-63-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

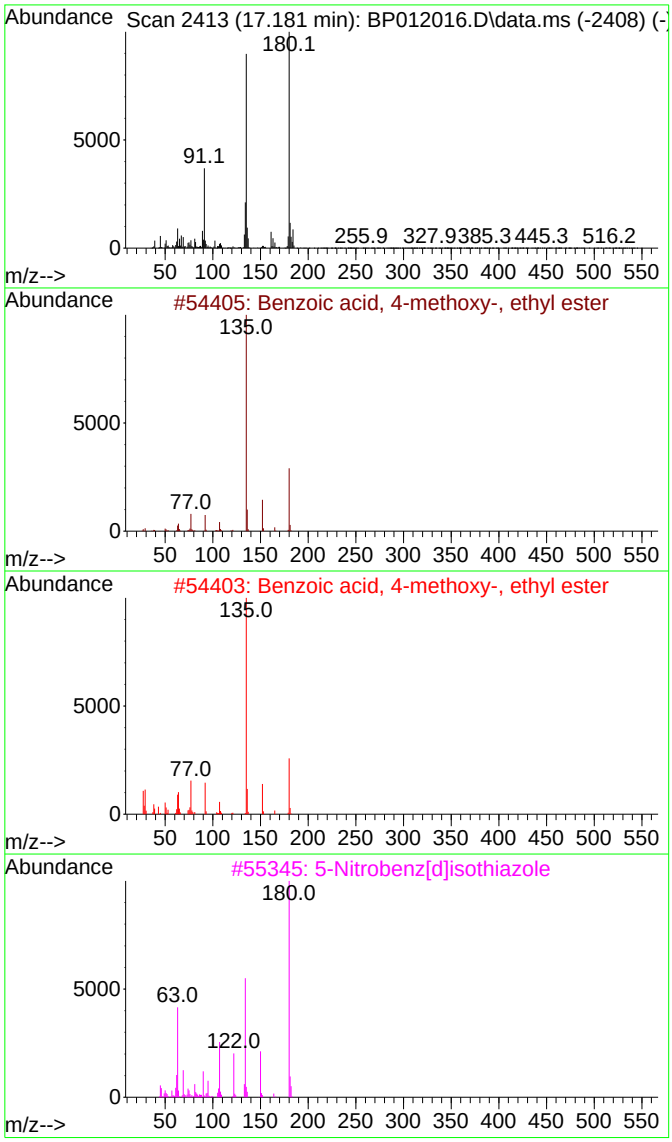
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

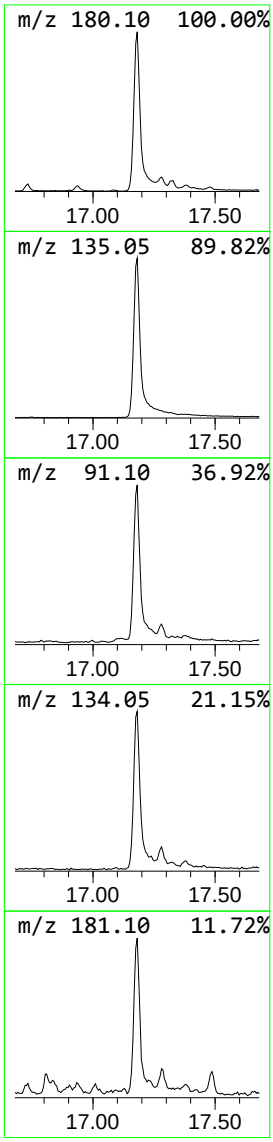
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Benzoic acid, 4-methoxy-, e... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.181 | 7.66 ng/ul | 1105590 | Phenanthrene-d10 | 17.281 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 4-methoxy-, ethyl ... | 180 | C10H12O3 | 000094-30-4 | 64 |
| 2 | Benzoic acid, 4-methoxy-, ethyl ... | 180 | C10H12O3 | 000094-30-4 | 64 |
| 3 | 5-Nitrobenz[d]isothiazole | 180 | C7H4N2O2S | 060768-66-3 | 38 |
| 4 | 6-Nitrobenzothiazole | 180 | C7H4N2O2S | 002942-06-5 | 38 |
| 5 | Benzene, 1-isothiocyanato-4-nitro- | 180 | C7H4N2O2S | 002131-61-5 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

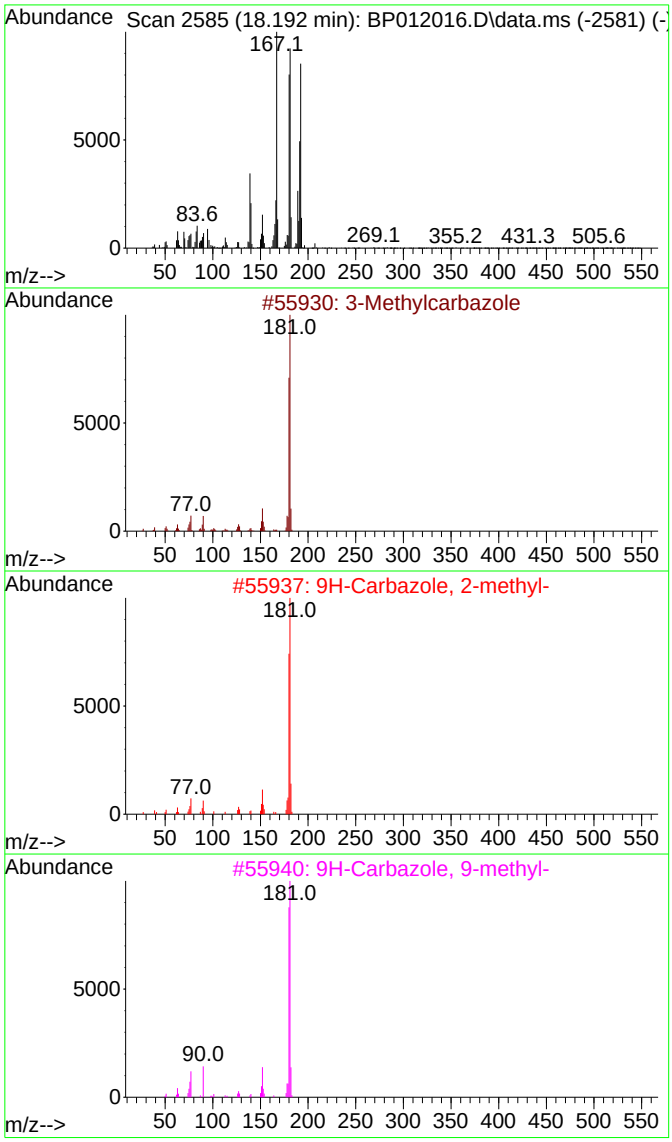
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

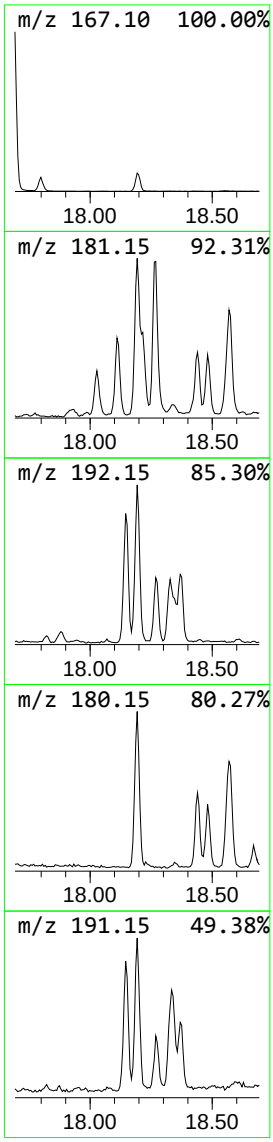
**********

Peak Number 41 3-Methylcarbazole Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.192 | 3.39 ng/ul | 488872 | Phenanthrene-d10 | 17.281 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 74 |
| 2 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 70 |
| 3 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 51 |
| 4 | 2-Fluorenamine | 181 | C13H11N | 000153-78-6 | 38 |
| 5 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP012016.D
Acq On : 07 Oct 2022 19:39
Operator : CG/JU
Sample : N4923-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E10005DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.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 |
| Butane, 2-metho... | 3.028 | 11.3 | ng/ul | 725190 | 1 | 7.875 | 1289730 | 20.0 |
| Benzene, 1,3-di... | 5.505 | 4.0 | ng/ul | 258753 | 1 | 7.875 | 1289730 | 20.0 |
| Pyridine, 2,4-d... | 6.417 | 7.4 | ng/ul | 478792 | 1 | 7.875 | 1289730 | 20.0 |
| Benzofuran | 7.593 | 3.9 | ng/ul | 250789 | 1 | 7.875 | 1289730 | 20.0 |
| Indane | 8.246 | 21.5 | ng/ul | 1384700 | 1 | 7.875 | 1289730 | 20.0 |
| Indene | 8.411 | 9.6 | ng/ul | 615980 | 1 | 7.875 | 1289730 | 20.0 |
| Benzenamine, 3-... | 8.869 | 4.0 | ng/ul | 259345 | 1 | 7.875 | 1289730 | 20.0 |
| Benzofuran, 7-m... | 9.234 | 5.3 | ng/ul | 344768 | 1 | 7.875 | 1289730 | 20.0 |
| Phenol, 2,6-dim... | 9.305 | 5.1 | ng/ul | 475185 | 2 | 10.681 | 1862660 | 20.0 |
| 3-Phenyl-2-prop... | 9.352 | 6.0 | ng/ul | 556079 | 2 | 10.681 | 1862660 | 20.0 |
| Benzene, 2-ethe... | 10.081 | 4.3 | ng/ul | 399867 | 2 | 10.681 | 1862660 | 20.0 |
| Phenol, 3,5-dim... | 10.163 | 13.0 | ng/ul | 1214220 | 2 | 10.681 | 1862660 | 20.0 |
| Phenol, 2,3,5-t... | 11.275 | 3.4 | ng/ul | 312908 | 2 | 10.681 | 1862660 | 20.0 |
| Phenol, 3-ethyl... | 11.522 | 3.9 | ng/ul | 360129 | 2 | 10.681 | 1862660 | 20.0 |
| 1H-Inden-5-ol, ... | 12.451 | 3.3 | ng/ul | 303133 | 2 | 10.681 | 1862660 | 20.0 |
| Quinoline, 2-me... | 12.469 | 4.0 | ng/ul | 370050 | 2 | 10.681 | 1862660 | 20.0 |
| Naphthalene, 1,... | 13.698 | 6.8 | ng/ul | 852074 | 3 | 14.522 | 2503550 | 20.0 |
| Naphthalene, 2,... | 13.840 | 6.5 | ng/ul | 815500 | 3 | 14.522 | 2503550 | 20.0 |
| Naphthalene, 2,... | 14.075 | 2.7 | ng/ul | 335663 | 3 | 14.522 | 2503550 | 20.0 |
| Indane-5-carbox... | 15.022 | 9.2 | ng/ul | 1149750 | 3 | 14.522 | 2503550 | 20.0 |
| N-Methyl-1H-ben... | 15.398 | 6.7 | ng/ul | 833256 | 3 | 14.522 | 2503550 | 20.0 |
| 1-Naphthalenol,... | 15.728 | 4.6 | ng/ul | 574431 | 3 | 14.522 | 2503550 | 20.0 |
| 7-Methylnaphtha... | 15.804 | 5.1 | ng/ul | 643655 | 3 | 14.522 | 2503550 | 20.0 |
| Quinoline, 1,2,... | 15.887 | 4.8 | ng/ul | 599348 | 3 | 14.522 | 2503550 | 20.0 |
| 9H-Fluoren-9-ol | 16.010 | 4.4 | ng/ul | 631255 | 4 | 17.281 | 2885040 | 20.0 |
| 1(2H)-Acenaphth... | 16.257 | 6.0 | ng/ul | 859701 | 4 | 17.281 | 2885040 | 20.0 |
| 1(2H)-Isoquinol... | 16.510 | 5.5 | ng/ul | 785754 | 4 | 17.281 | 2885040 | 20.0 |
| 1-Naphthalenol,... | 17.128 | 4.4 | ng/ul | 636741 | 4 | 17.281 | 2885040 | 20.0 |
| Benzoic acid, 4... | 17.181 | 7.7 | ng/ul | 1105590 | 4 | 17.281 | 2885040 | 20.0 |
| 3-Methylcarbazole | 18.192 | 3.4 | ng/ul | 488872 | 4 | 17.281 | 2885040 | 20.0 |