LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

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-BP062322.M
Title : SVOA CALIBRATION

Signal : TIC: BP010929.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.617 | 86 | 90 | 105 | rBV | 502322 | 764429 | 2.35% | 0.446% |
| 2 | 6.199 | 520 | 529 | 535 | rBV | 186606 | 267868 | 0.82% | 0.156% |
| 3 | 6.881 | 636 | 645 | 653 | rBV | 432483 | 693989 | 2.13% | 0.405% |
| 4 | 7.046 | 666 | 673 | 681 | rBV | 1578954 | 2396067 | 7.36% | 1.398% |
| 5 | 7.240 | 695 | 706 | 714 | rBV | 1479910 | 2316611 | 7.11% | 1.352% |
| 6 | 7.705 | 777 | 785 | 793 | rBV | 1658088 | 2575193 | 7.90% | 1.503% |
| 7 | 8.416 | 898 | 906 | 915 | rVV | 1161342 | 1860506 | 5.71% | 1.086% |
| 8 | 8.863 | 976 | 982 | 991 | rVB | 1673141 | 2784588 | 8.55% | 1.625% |
| 9 | 9.163 | 1024 | 1033 | 1038 | rBV | 107478 | 210814 | 0.65% | 0.123% |
| 10 | 9.581 | 1097 | 1104 | 1112 | rBV | 1113265 | 1800892 | 5.53% | 1.051% |
| 11 | 9.910 | 1149 | 1160 | 1170 | rBV5 | 196845 | 474867 | 1.46% | 0.277% |
| 12 | 10.122 | 1188 | 1196 | 1204 | rVV | 1837609 | 2995556 | 9.20% | 1.748% |
| 13 | 10.499 | 1253 | 1260 | 1266 | rVV | 2181106 | 3615683 | 11.10% | 2.110% |
| 14 | 10.646 | 1276 | 1285 | 1299 | rVV2 | 634415 | 1702090 | 5.22% | 0.993% |
| 15 | 10.881 | 1318 | 1325 | 1328 | rVV4 | 98730 | 238838 | 0.73% | 0.139% |
| 16 | 11.093 | 1351 | 1361 | 1369 | rBV | 540775 | 936134 | 2.87% | 0.546% |
| 17 | 11.534 | 1429 | 1436 | 1441 | rBV | 327626 | 556869 | 1.71% | 0.325% |
| 18 | 11.616 | 1443 | 1450 | 1459 | rVB | 502233 | 998721 | 3.07% | 0.583% |
| 19 | 11.828 | 1480 | 1486 | 1495 | rBV3 | 88444 | 252723 | 0.78% | 0.147% |
| 20 | 11.922 | 1497 | 1502 | 1508 | rVB2 | 166008 | 255821 | 0.79% | 0.149% |
| 21 | 12.057 | 1520 | 1525 | 1532 | rVV3 | 457598 | 743735 | 2.28% | 0.434% |
| 22 | 12.222 | 1548 | 1553 | 1558 | rBV2 | 115784 | 209027 | 0.64% | 0.122% |
| 23 | 12.351 | 1569 | 1575 | 1591 | rVB3 | 445034 | 1157295 | 3.55% | 0.675% |
| 24 | 12.534 | 1592 | 1606 | 1610 | rBV4 | 293447 | 709259 | 2.18% | 0.414% |
| 25 | 12.604 | 1615 | 1618 | 1628 | rVB5 | 138396 | 292907 | 0.90% | 0.171% |
| 26 | 12.693 | 1628 | 1633 | 1638 | rBV3 | 129522 | 219551 | 0.67% | 0.128% |
| 27 | 12.775 | 1643 | 1647 | 1655 | rVV2 | 176226 | 335123 | 1.03% | 0.196% |
| 28 | 12.875 | 1660 | 1664 | 1669 | rVV4 | 238111 | 428195 | 1.31% | 0.250% |
| 29 | 13.151 | 1705 | 1711 | 1714 | rBV3 | 191339 | 327825 | 1.01% | 0.191% |
| 30 | 13.187 | 1714 | 1717 | 1725 | rVV4 | 208606 | 451546 | 1.39% | 0.263% |
| 31 | 13.410 | 1750 | 1755 | 1763 | rVB2 | 1001687 | 1549961 | 4.76% | 0.904% |
| 32 | 13.498 | 1764 | 1770 | 1773 | rBV2 | 189084 | 350986 | 1.08% | 0.205% |
| 33 | 13.551 | 1773 | 1779 | 1785 | rVB3 | 305996 | 586322 | 1.80% | 0.342% |
| 34 | 13.687 | 1796 | 1802 | 1805 | rBV4 | 214823 | 376491 | 1.16% | 0.220% |
| 35 | 13.781 | 1811 | 1818 | 1824 | rVB | 2889816 | 4168313 | 12.80% | 2.432% |
| 36 | 13.910 | 1836 | 1840 | 1843 | rBV | 565426 | 808423 | 2.48% | 0.472% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

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-BP062322.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.945 | 1843 | 1846 | 1855 | rVB | 462239 | 711158 | 2.18% | 0.415% |
| 38 | 14.051 | 1858 | 1864 | 1868 | rBV | 3497136 | 5477745 | 16.81% | 3.196% |
| 39 | 14.169 | 1879 | 1884 | 1894 | rVB4 | 207833 | 401208 | 1.23% | 0.234% |
| 40 | 14.363 | 1910 | 1917 | 1921 | rVV | 2568735 | 4003693 | 12.29% | 2.336% |
| 41 | 14.428 | 1921 | 1928 | 1935 | rVV | 21919051 | 32577057 | 100.00% | 19.008% |
| 42 | 14.492 | 1935 | 1939 | 1944 | rVB3 | 231029 | 360779 | 1.11% | 0.211% |
| 43 | 14.575 | 1947 | 1953 | 1960 | rVB5 | 271332 | 522052 | 1.60% | 0.305% |
| 44 | 14.675 | 1964 | 1970 | 1974 | rBV | 524248 | 790891 | 2.43% | 0.461% |
| 45 | 14.763 | 1981 | 1985 | 1992 | rVB2 | 177467 | 328712 | 1.01% | 0.192% |
| 46 | 14.839 | 1992 | 1998 | 2001 | rBV3 | 134954 | 216750 | 0.67% | 0.126% |
| 47 | 14.981 | 2015 | 2022 | 2028 | rBV4 | 267754 | 540953 | 1.66% | 0.316% |
| 48 | 15.234 | 2060 | 2065 | 2072 | rVB | 436360 | 688765 | 2.11% | 0.402% |
| 49 | 15.357 | 2080 | 2086 | 2091 | rBV | 4165367 | 5746950 | 17.64% | 3.353% |
| 50 | 15.416 | 2091 | 2096 | 2102 | rVB | 7411142 | 10418466 | 31.98% | 6.079% |
| 51 | 15.475 | 2102 | 2106 | 2110 | rBV | 759108 | 1090587 | 3.35% | 0.636% |
| 52 | 15.539 | 2113 | 2117 | 2120 | rVV2 | 648543 | 875141 | 2.69% | 0.511% |
| 53 | 15.575 | 2120 | 2123 | 2126 | rVB | 270560 | 335388 | 1.03% | 0.196% |
| 54 | 15.622 | 2127 | 2131 | 2135 | rBV2 | 272238 | 397755 | 1.22% | 0.232% |
| 55 | 15.734 | 2147 | 2150 | 2156 | rVB2 | 188170 | 267736 | 0.82% | 0.156% |
| 56 | 15.804 | 2158 | 2162 | 2165 | rBV2 | 137797 | 255127 | 0.78% | 0.149% |
| 57 | 15.857 | 2165 | 2171 | 2180 | rVB2 | 845161 | 1848540 | 5.67% | 1.079% |
| 58 | 15.945 | 2181 | 2186 | 2192 | rVB | 137098 | 238398 | 0.73% | 0.139% |
| 59 | 16.092 | 2205 | 2211 | 2219 | rVB2 | 865931 | 1403111 | 4.31% | 0.819% |
| 60 | 16.216 | 2226 | 2232 | 2239 | rBV | 518973 | 805733 | 2.47% | 0.470% |
| 61 | 16.292 | 2239 | 2245 | 2251 | rBV3 | 409495 | 681838 | 2.09% | 0.398% |
| 62 | 16.381 | 2256 | 2260 | 2262 | rVV4 | 175858 | 277005 | 0.85% | 0.162% |
| 63 | 16.422 | 2264 | 2267 | 2272 | rVV3 | 337613 | 532541 | 1.63% | 0.311% |
| 64 | 16.475 | 2272 | 2276 | 2287 | rVB4 | 172466 | 338462 | 1.04% | 0.197% |
| 65 | 16.851 | 2336 | 2340 | 2344 | rBV3 | 116195 | 202614 | 0.62% | 0.118% |
| 66 | 16.904 | 2345 | 2349 | 2352 | rVV | 395548 | 534978 | 1.64% | 0.312% |
| 67 | 16.939 | 2352 | 2355 | 2357 | rVV | 325686 | 454247 | 1.39% | 0.265% |
| 68 | 16.969 | 2357 | 2360 | 2364 | rVB | 518396 | 651636 | 2.00% | 0.380% |
| 69 | 17.039 | 2369 | 2372 | 2377 | rVV2 | 251812 | 444513 | 1.36% | 0.259% |
| 70 | 17.122 | 2381 | 2386 | 2391 | rVV | 2561078 | 3817625 | 11.72% | 2.227% |
| 71 | 17.163 | 2391 | 2393 | 2397 | rVV | 347791 | 451632 | 1.39% | 0.264% |
| 72 | 17.222 | 2397 | 2403 | 2407 | rVV2 | 4047339 | 5992613 | 18.40% | 3.496% |
| 73 | 17.257 | 2407 | 2409 | 2414 | rVB | 1030674 | 1167721 | 3.58% | 0.681% |
| 74 | 17.322 | 2415 | 2420 | 2427 | rVV3 | 235072 | 458341 | 1.41% | 0.267% |
| 75 | 17.504 | 2443 | 2451 | 2452 | rBV2 | 465234 | 725510 | 2.23% | 0.423% |
| 76 | 17.533 | 2452 | 2456 | 2462 | rVB | 2180335 | 3021263 | 9.27% | 1.763% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

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-BP062322.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.651 | 2473 | 2476 | 2480 | rVB2 | 161107 | 205489 | 0.63% | 0.120% |
| 78 | 17.792 | 2497 | 2500 | 2506 | rVV4 | 183605 | 284483 | 0.87% | 0.166% |
| 79 | 17.880 | 2512 | 2515 | 2519 | rVB2 | 161463 | 208484 | 0.64% | 0.122% |
| 80 | 17.963 | 2525 | 2529 | 2536 | rBV2 | 496310 | 801538 | 2.46% | 0.468% |
| 81 | 18.039 | 2538 | 2542 | 2548 | rVV2 | 1017378 | 1550201 | 4.76% | 0.904% |
| 82 | 18.122 | 2551 | 2556 | 2562 | rVB2 | 798520 | 1145839 | 3.52% | 0.669% |
| 83 | 18.186 | 2562 | 2567 | 2573 | rBV | 1089214 | 1609906 | 4.94% | 0.939% |
| 84 | 18.292 | 2578 | 2585 | 2590 | rBV4 | 328732 | 845815 | 2.60% | 0.494% |
| 85 | 18.375 | 2595 | 2599 | 2603 | rVB2 | 274296 | 380079 | 1.17% | 0.222% |
| 86 | 18.428 | 2604 | 2608 | 2614 | rVB2 | 371797 | 576979 | 1.77% | 0.337% |
| 87 | 18.486 | 2614 | 2618 | 2621 | rBV | 276863 | 330159 | 1.01% | 0.193% |
| 88 | 19.086 | 2717 | 2720 | 2722 | rBV | 180186 | 230541 | 0.71% | 0.135% |
| 89 | 19.145 | 2726 | 2730 | 2737 | rVB | 2287992 | 2988147 | 9.17% | 1.743% |
| 90 | 19.280 | 2750 | 2753 | 2758 | rVB4 | 188564 | 253583 | 0.78% | 0.148% |
| 91 | 19.475 | 2780 | 2786 | 2789 | rBV | 4496637 | 6381905 | 19.59% | 3.724% |
| 92 | 19.810 | 2841 | 2843 | 2850 | rVB3 | 159146 | 228509 | 0.70% | 0.133% |
| 93 | 19.880 | 2850 | 2855 | 2862 | rBV3 | 510551 | 1197685 | 3.68% | 0.699% |
| 94 | 19.951 | 2862 | 2867 | 2877 | rVB | 2275332 | 3281865 | 10.07% | 1.915% |
| 95 | 20.545 | 2965 | 2968 | 2969 | rBV | 215811 | 232848 | 0.71% | 0.136% |
| 96 | 20.574 | 2969 | 2973 | 2982 | rVB | 1248716 | 1882553 | 5.78% | 1.098% |
| 97 | 20.963 | 3036 | 3039 | 3045 | rBV | 400079 | 524734 | 1.61% | 0.306% |
| 98 | 21.233 | 3080 | 3085 | 3094 | rBV | 3219735 | 4164653 | 12.78% | 2.430% |
| 99 | 23.439 | 3454 | 3460 | 3468 | rVB2 | 3649188 | 7107525 | 21.82% | 4.147% |
| 100 | 23.598 | 3480 | 3487 | 3496 | rVB2 | 2234981 | 4507421 | 13.84% | 2.630% |

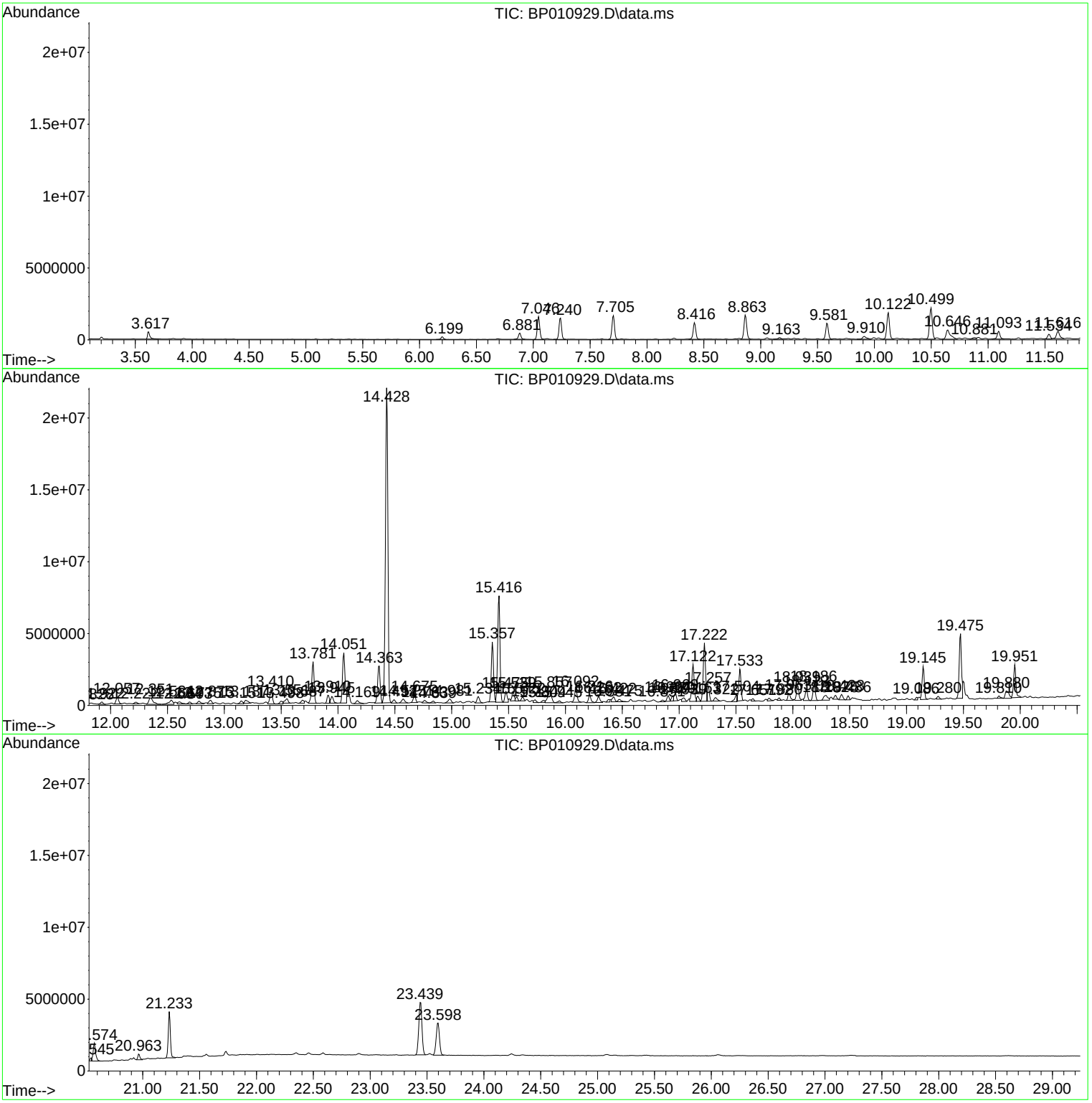
Sum of corrected areas: 171389393

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

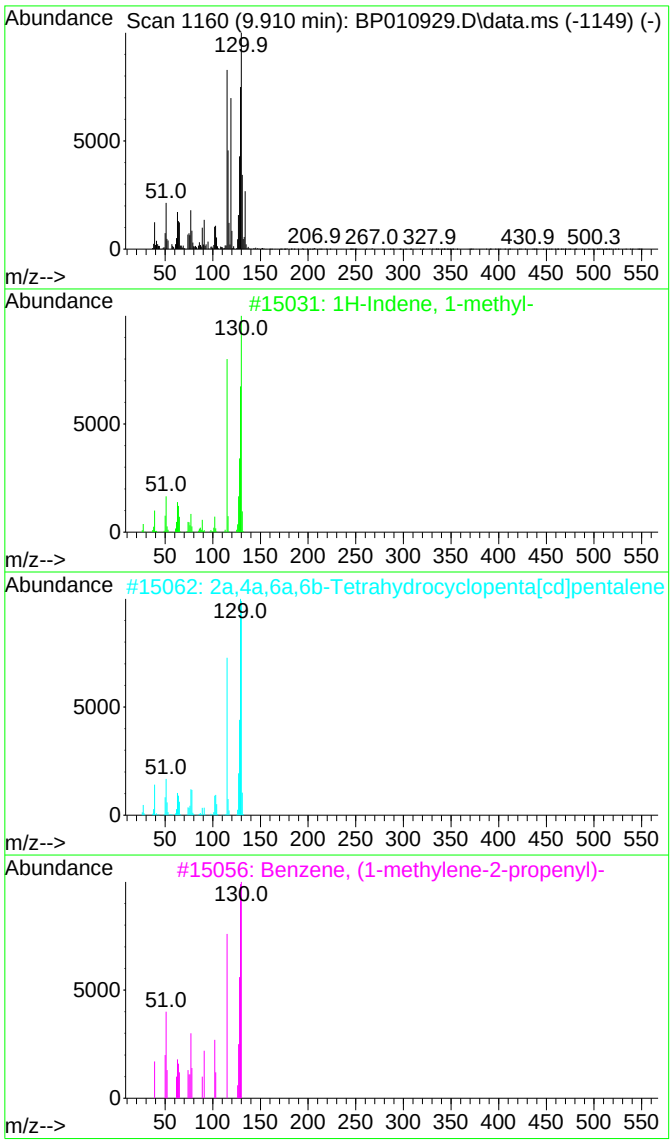
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

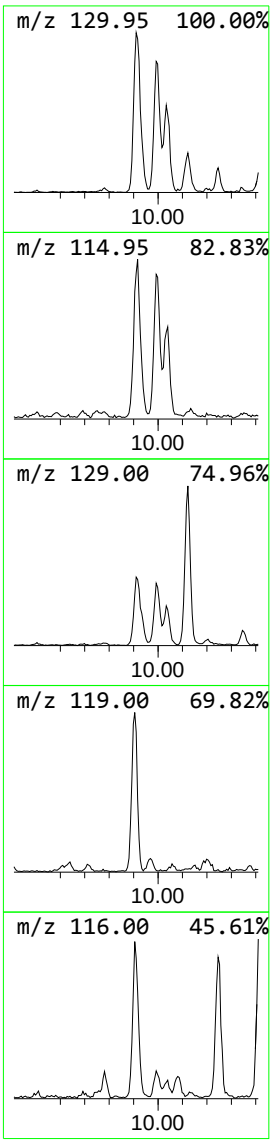
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 1H-Indene, 1-methyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.910 | 2.63 ng/ul | 474867 | Naphthalene-d8 | 10.499 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 91 |
| 2 | 2a,4a,6a,6b-Tetrahydrocyclopenta... | 130 | C10H10 | 006053-74-3 | 78 |
| 3 | Benzene, (1-methylene-2-propenyl)- | 130 | C10H10 | 002288-18-8 | 60 |
| 4 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 60 |
| 5 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

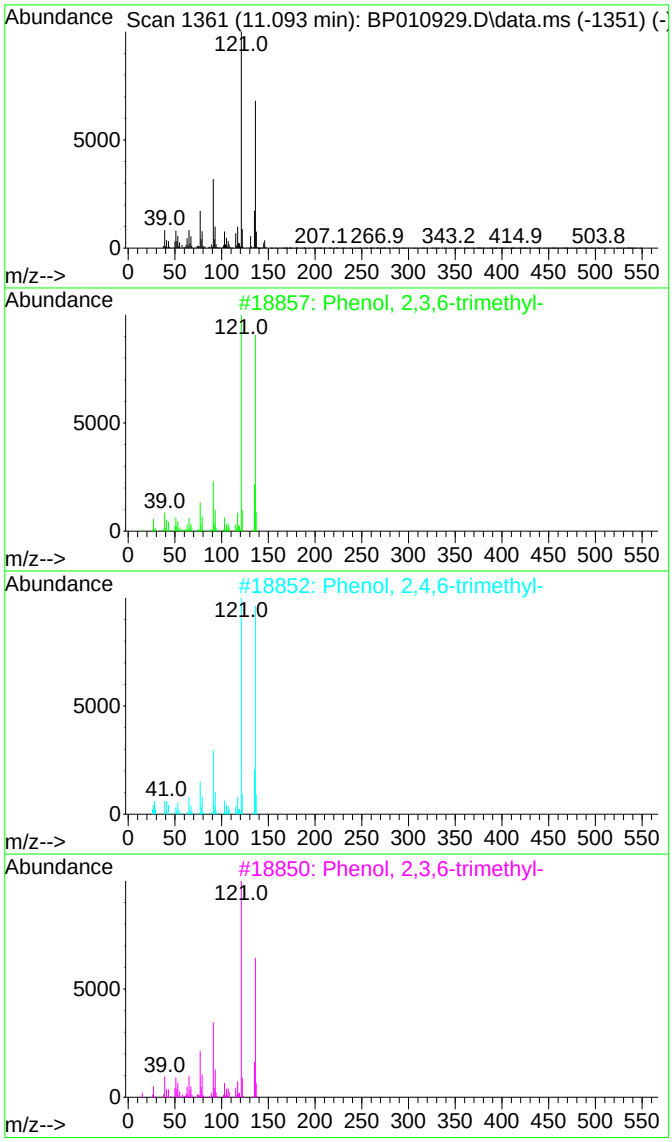
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

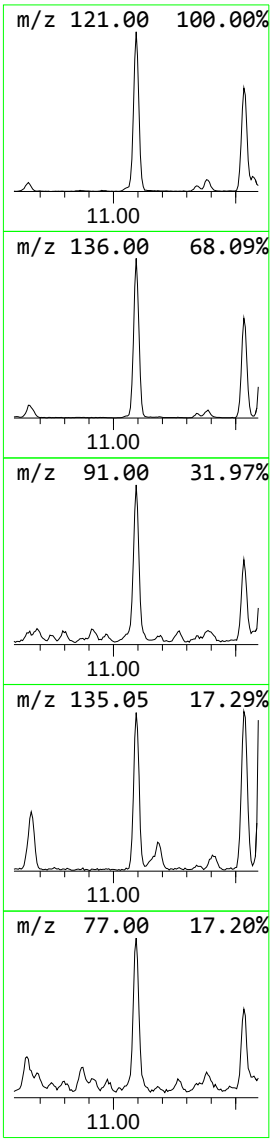
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Phenol, 2,3,6-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.093 | 5.18 ng/ul | 936134 | Naphthalene-d8 | 10.499 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 97 |
| 2 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 97 |
| 3 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 96 |
| 4 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 94 |
| 5 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

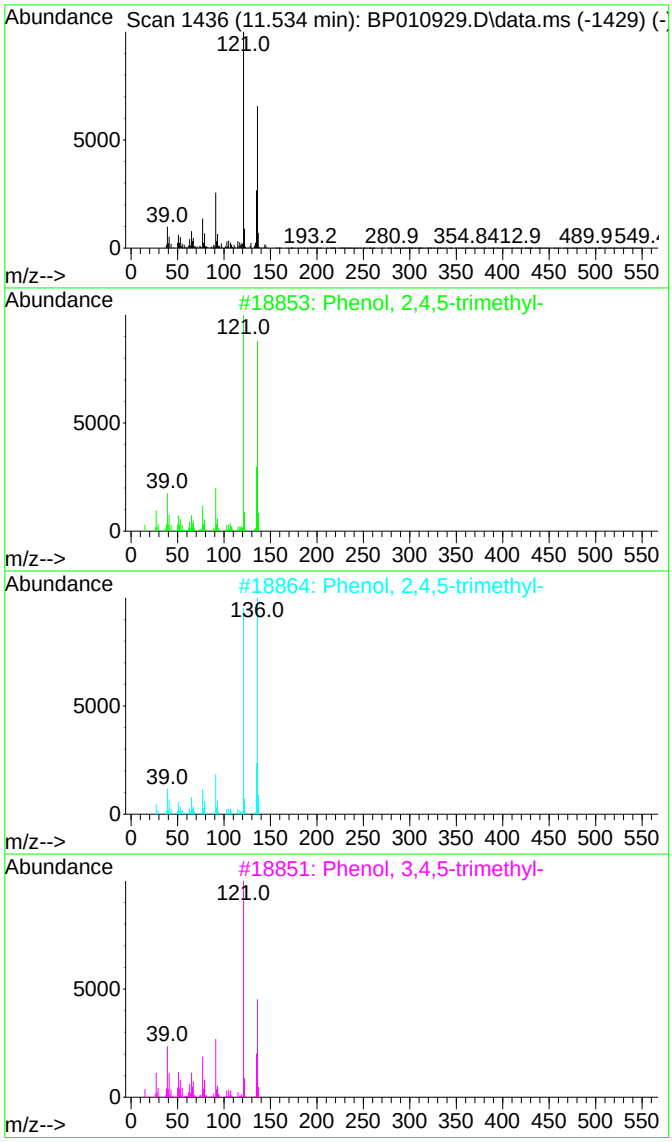
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

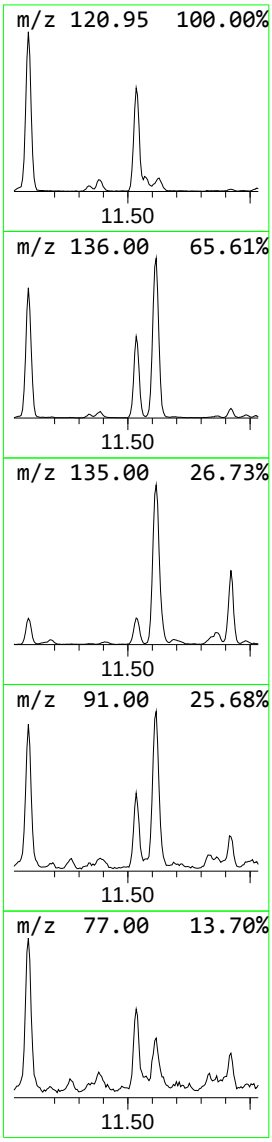
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Phenol, 2,4,5-trimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.534 | 3.08 ng/ul | 556869 | Naphthalene-d8 | 10.499 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 94 |
| 2 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 93 |
| 3 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |
| 4 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |
| 5 | Phenol, 3,4,5-trimethyl-, methyl... | 193 | C11H15NO2 | 002686-99-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

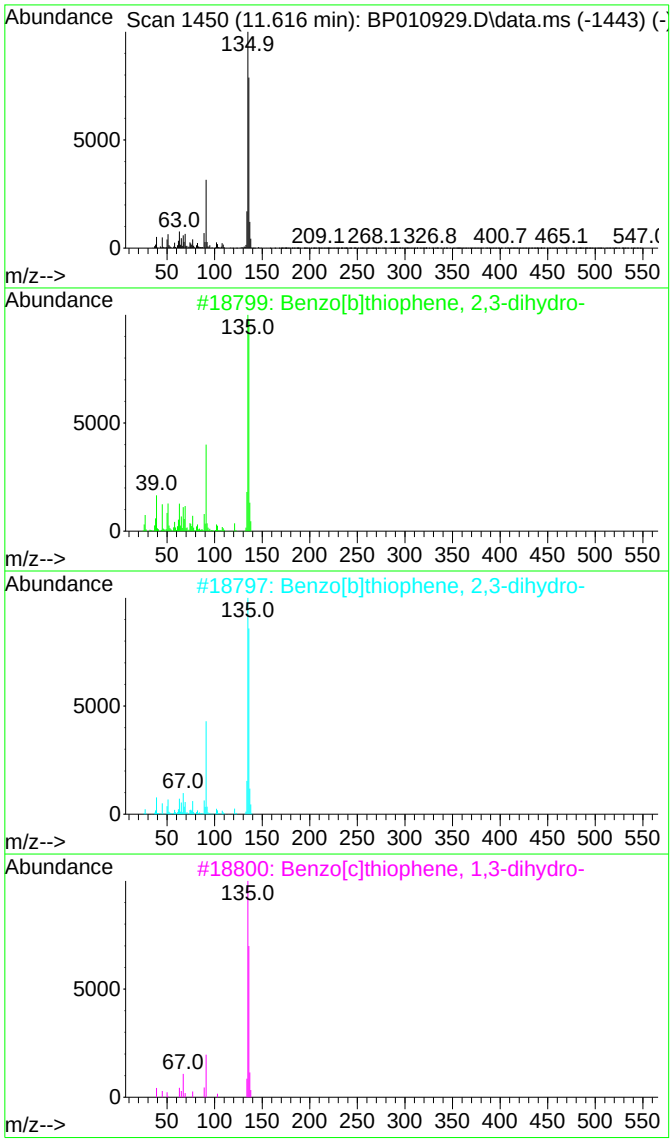
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

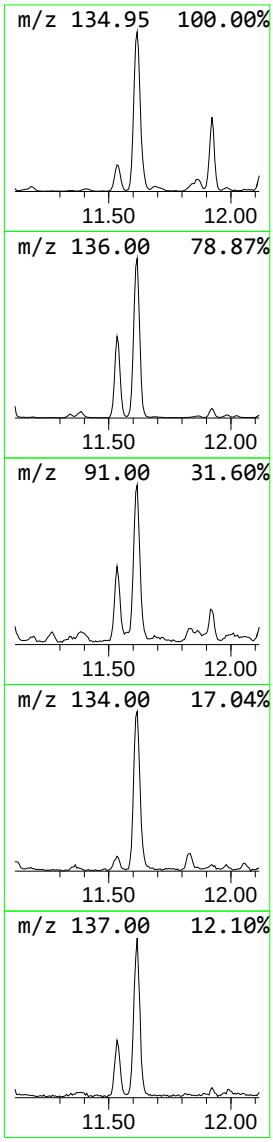
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.616 | 5.52 ng/ul | 998721 | Naphthalene-d8 | 10.499 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene, 2,3-dihydro- | 136 | C8H8S | 004565-32-6 | 91 |
| 2 | Benzo[b]thiophene, 2,3-dihydro- | 136 | C8H8S | 004565-32-6 | 91 |
| 3 | Benzo[c]thiophene, 1,3-dihydro- | 136 | C8H8S | 002471-92-3 | 91 |
| 4 | Benzo[c]thiophene, 1,3-dihydro- | 136 | C8H8S | 002471-92-3 | 87 |
| 5 | 4-Hydroxy-3-methylbenzaldehyde | 136 | C8H8O2 | 015174-69-3 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

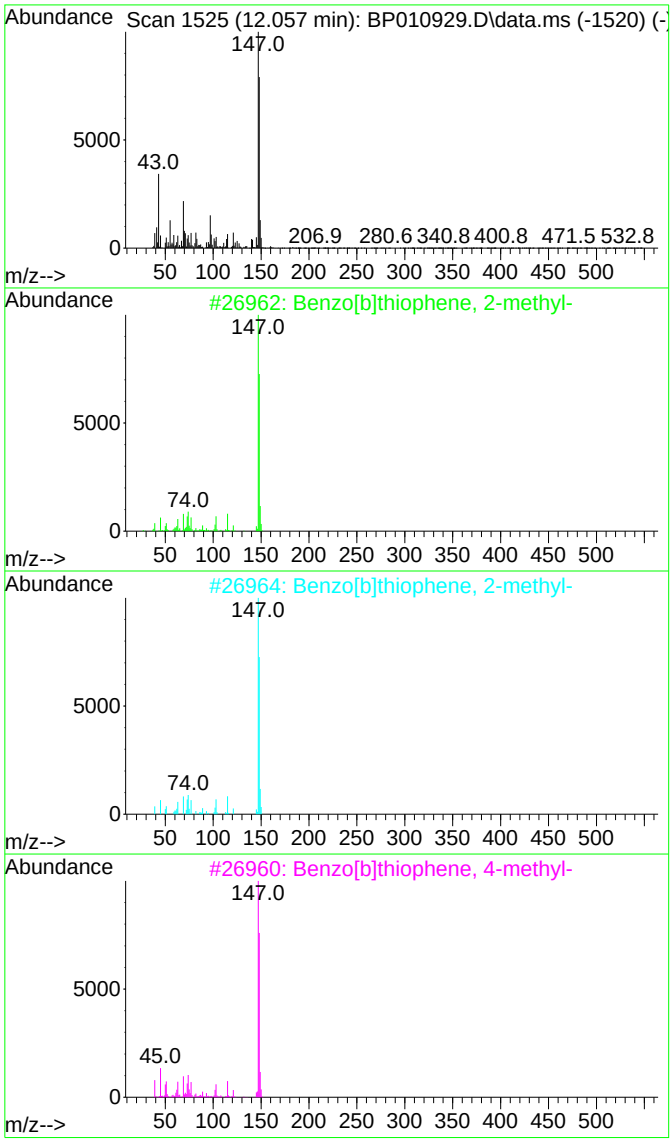
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

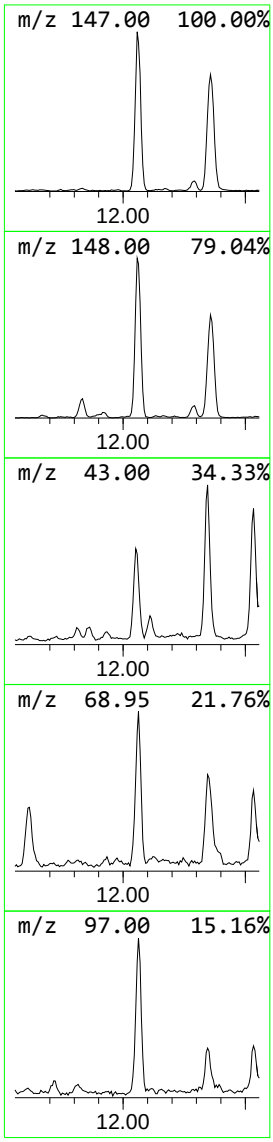
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzo[b]thiophene, 2-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.057 | 4.11 ng/ul | 743735 | Naphthalene-d8 | 10.499 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S | 001195-14-8 | 87 |
| 2 | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S | 001195-14-8 | 83 |
| 3 | Benzo[b]thiophene, 4-methyl- | 148 | C9H8S | 014315-11-8 | 80 |
| 4 | 3-Methylbenzothiophene | 148 | C9H8S | 001455-18-1 | 74 |
| 5 | Pyridine, 4-(1-pyrrolidinyl)- | 148 | C9H12N2 | 002456-81-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

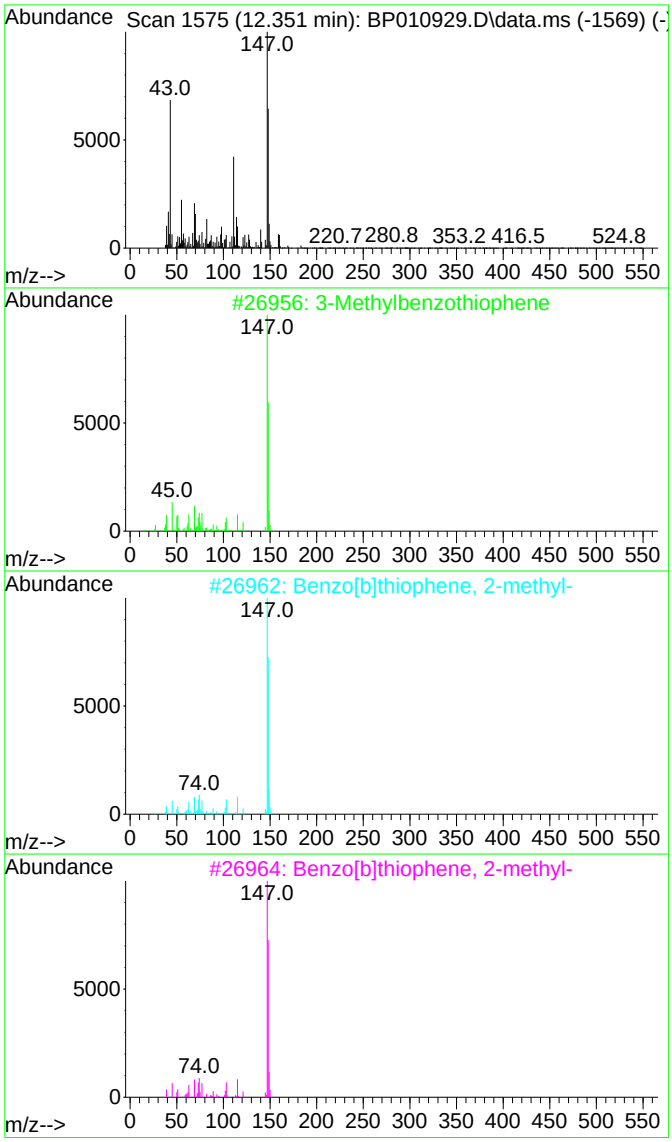
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

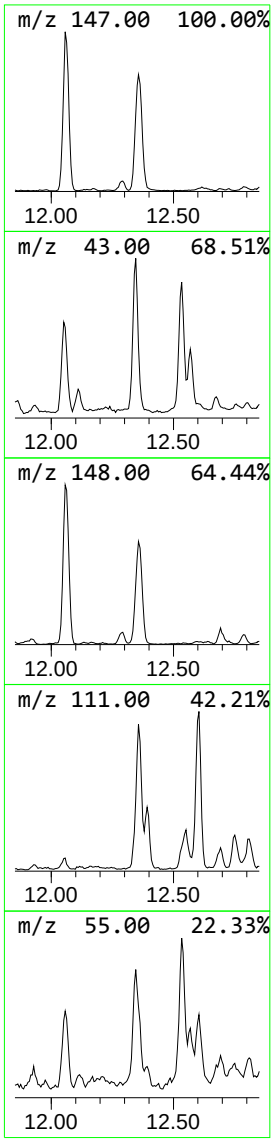
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 3-Methylbenzothiophene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.351 | 6.40 ng/ul | 1157300 | Naphthalene-d8 | 10.499 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylbenzothiophene | 148 | C9H8S | 001455-18-1 | 64 |
| 2 | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S | 001195-14-8 | 64 |
| 3 | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S | 001195-14-8 | 64 |
| 4 | Benzo[b]thiophene, 4-methyl- | 148 | C9H8S | 014315-11-8 | 52 |
| 5 | Pyridine, 4-(1-pyrrolidinyl)- | 148 | C9H12N2 | 002456-81-7 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

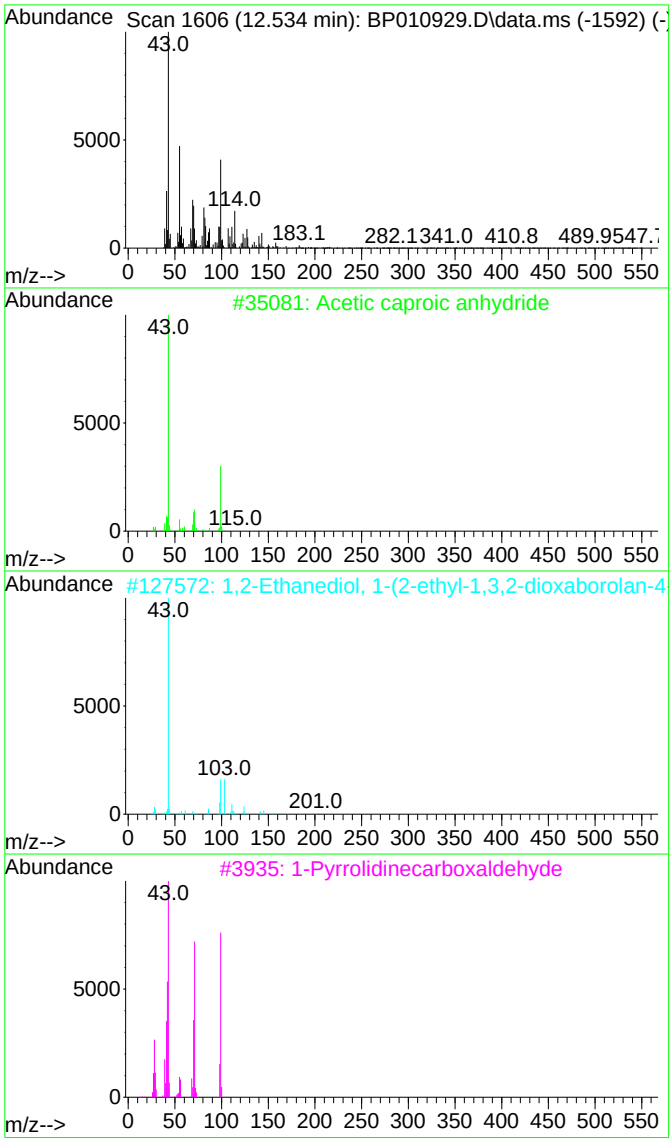
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

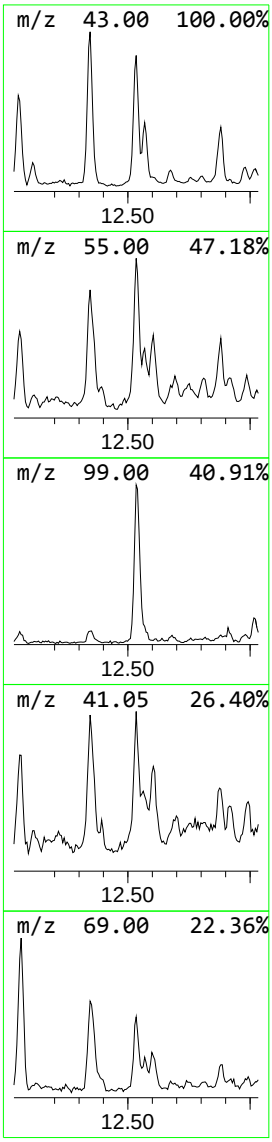
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 unknown-01 Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.534 | 3.54 ng/ul | 709259 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic caproic anhydride | 158 | C8H14O3 | 092351-84-3 | 38 |
| 2 | 1,2-Ethanediol, 1-(2-ethyl-1,3,2... | 244 | C10H17BO6 | 074793-27-4 | 35 |
| 3 | 1-Pyrrolidinecarboxaldehyde | 99 | C5H9NO | 003760-54-1 | 35 |
| 4 | 2-Pentenoic acid, 4-hydroxy- | 116 | C5H8O3 | 028525-83-9 | 27 |
| 5 | 1,4-Dioxane, 2-methyl-3-methylene- | 114 | C6H10O2 | 028125-74-8 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

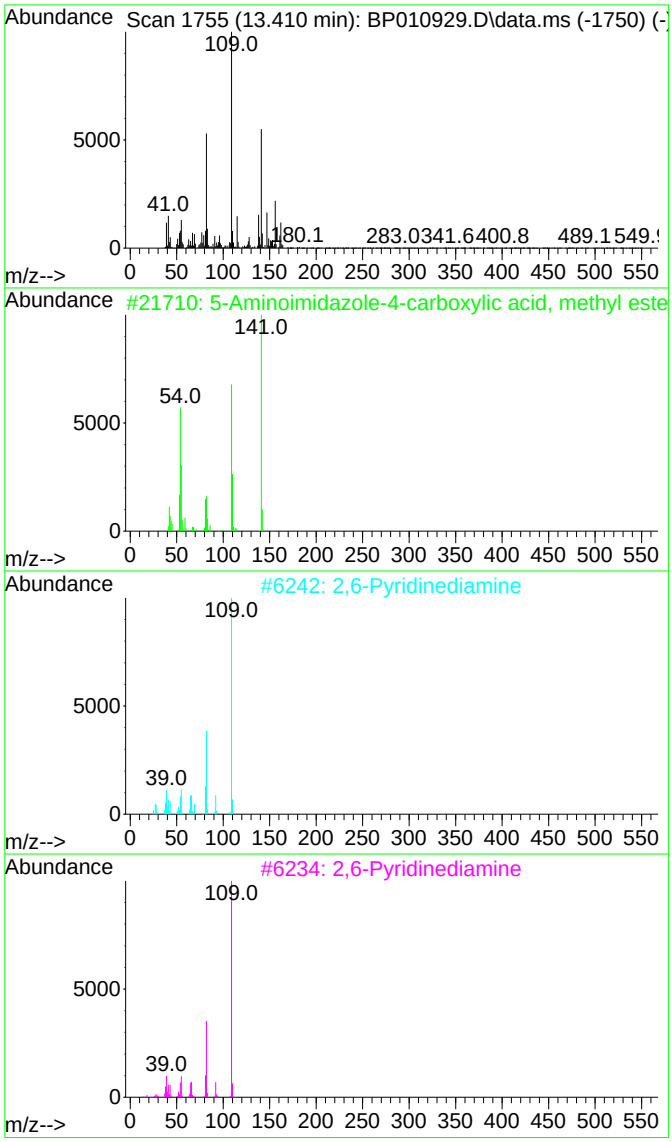
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

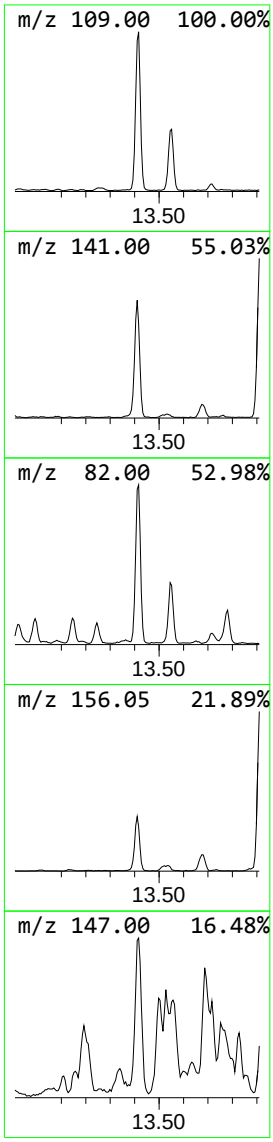
**********

Peak Number 11 unknown-02 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.410 | 7.74 ng/ul | 1549960 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Aminoimidazole-4-carboxylic ac... | 141 | C5H7N3O2 | 004919-00-0 | 47 |
| 2 | 2,6-Pyridinediamine | 109 | C5H7N3 | 000141-86-6 | 43 |
| 3 | 2,6-Pyridinediamine | 109 | C5H7N3 | 000141-86-6 | 35 |
| 4 | N-(4-Fluorobenzyl)-1-propanamine | 167 | C10H14FN | 741698-80-6 | 27 |
| 5 | Cyclopentane, (2-methylbutylidene)- | 138 | C10H18 | 053366-54-4 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

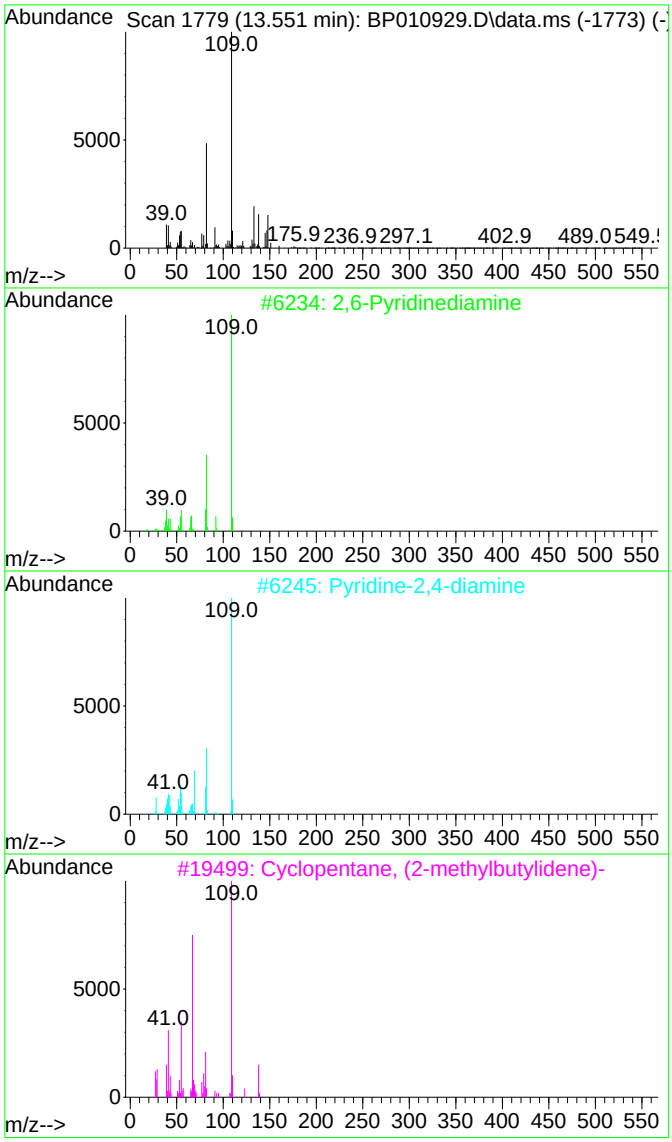
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

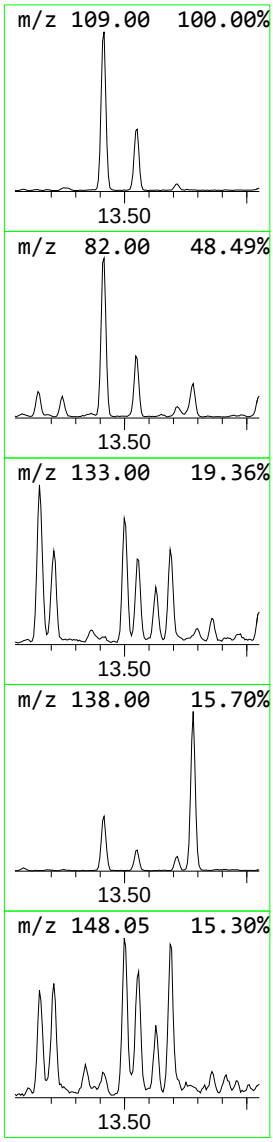
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 2,6-Pyridinediamine Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.551 | 2.93 ng/ul | 586322 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6-Pyridinediamine | 109 | C5H7N3 | 000141-86-6 | 50 |
| 2 | Pyridine-2,4-diamine | 109 | C5H7N3 | 000461-88-1 | 43 |
| 3 | Cyclopentane, (2-methylbutylidene)- | 138 | C10H18 | 053366-54-4 | 38 |
| 4 | 2-Cyclopentene-1-carboxylic acid... | 154 | C9H14O2 | 006894-69-5 | 38 |
| 5 | (4-Fluoro-benzyl)-phenethyl-amine | 229 | C15H16FN | 1000300-71-4 | 37 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

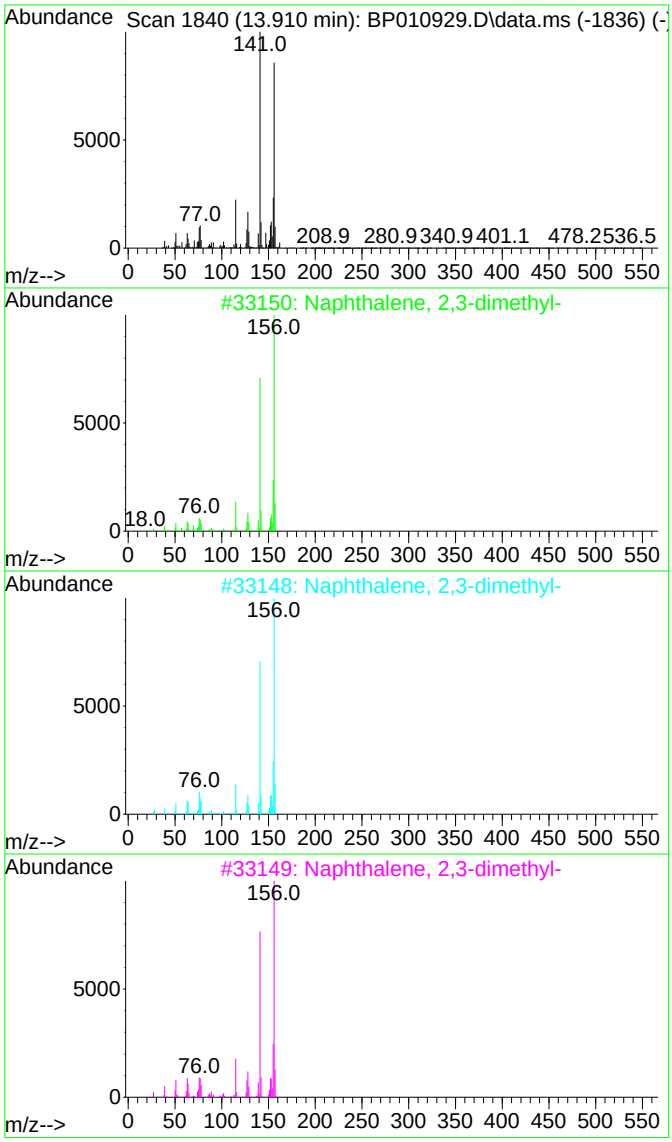
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

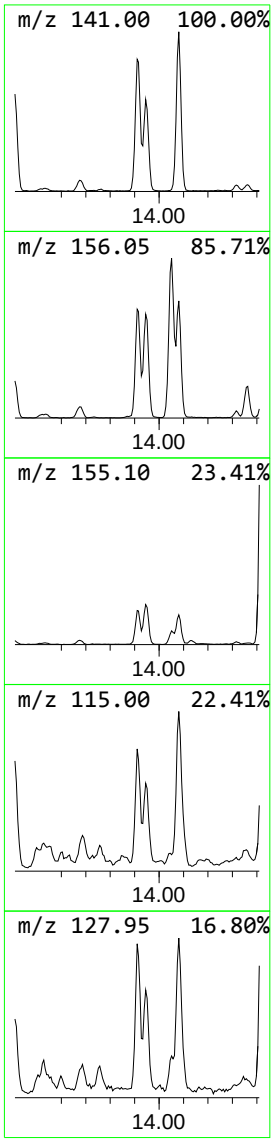
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.910 | 4.04 ng/ul | 808423 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

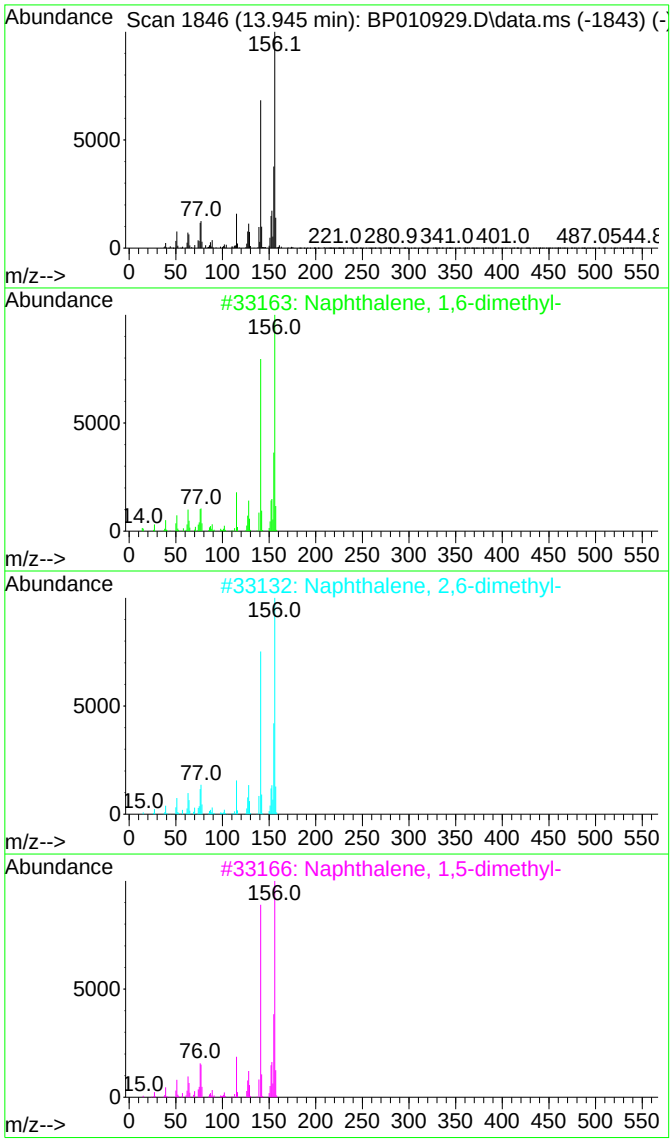
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

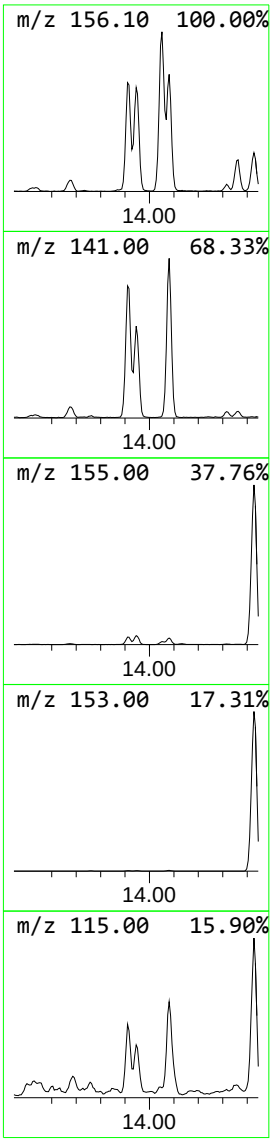
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.945 | 3.55 ng/ul | 711158 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

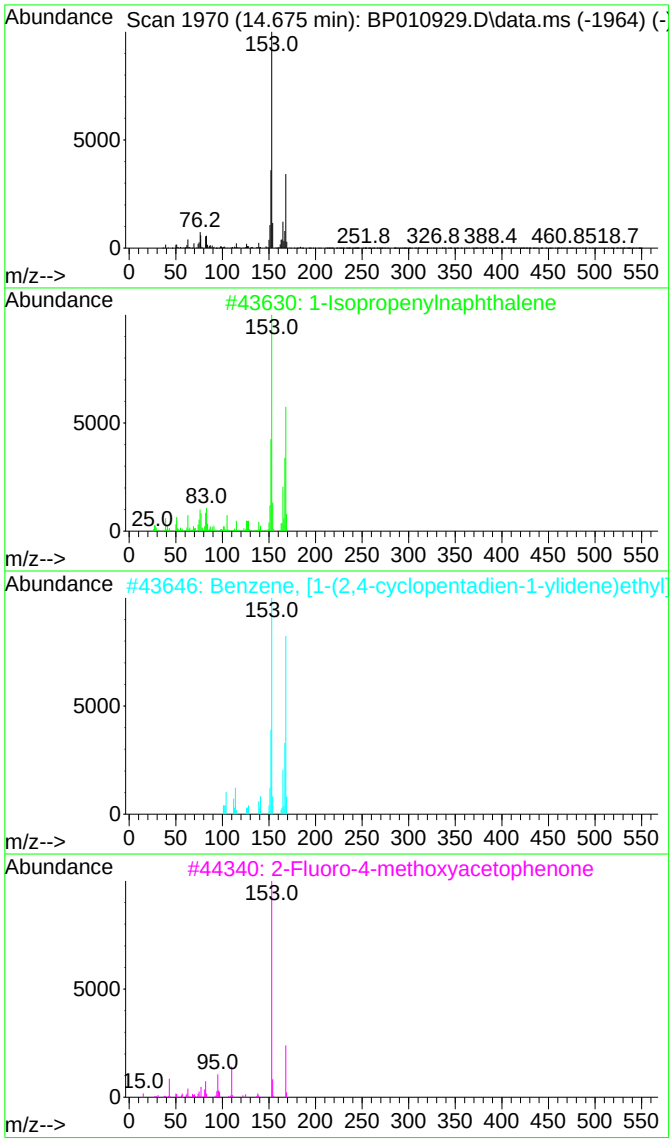
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

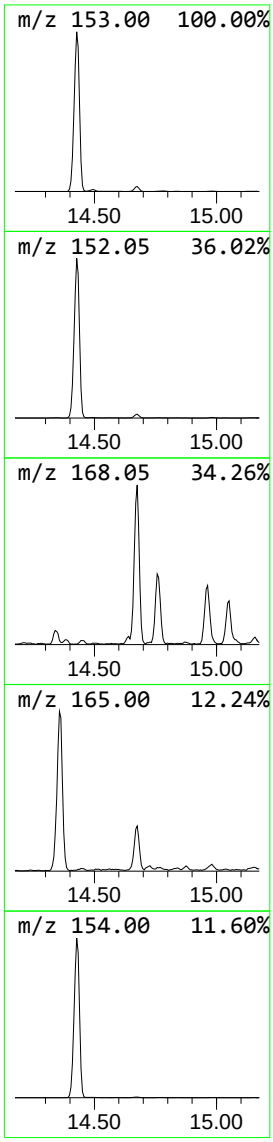
**********

Peak Number 16 1-Isopropenylnaphthalene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.675 | 3.95 ng/ul | 790891 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Isopropenylnaphthalene | 168 | C13H12 | 001855-47-6 | 80 |
| 2 | Benzene, [1-(2,4-cyclopentadien-... | 168 | C13H12 | 002320-32-3 | 72 |
| 3 | 2-Fluoro-4-methoxyacetophenone | 168 | C9H9FO2 | 074457-86-6 | 52 |
| 4 | Ethanone, 1-(2,4,6-trihydroxyphe... | 168 | C8H8O4 | 000480-66-0 | 50 |
| 5 | Acetophenone, 3'-fluoro-4'-methoxy- | 168 | C9H9FO2 | 000455-91-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

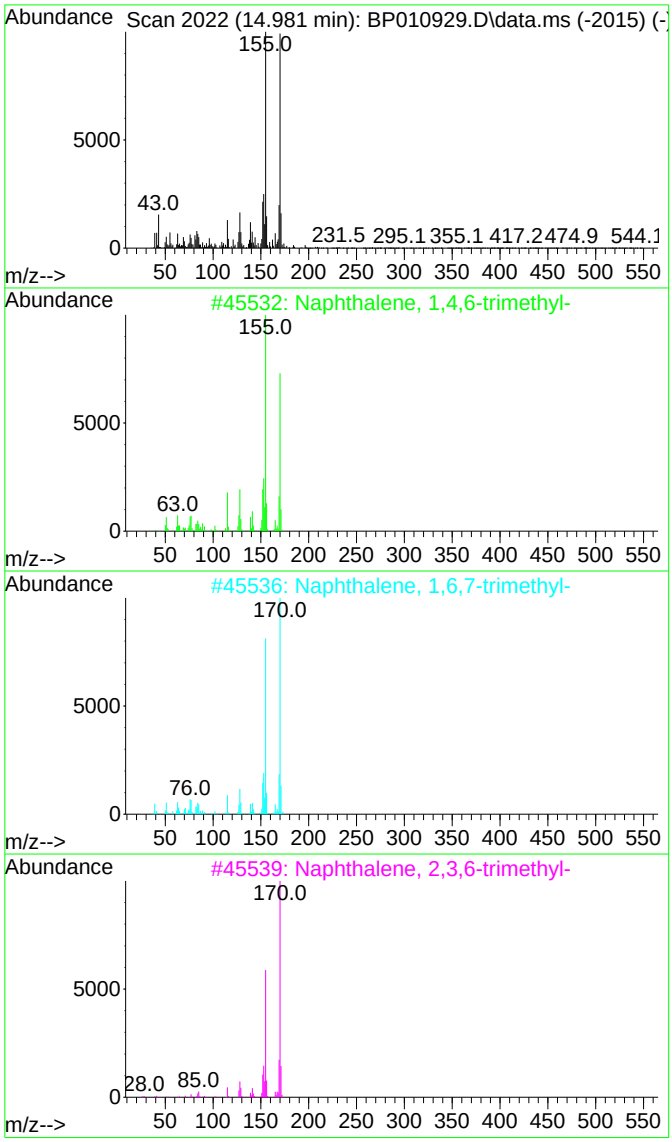
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

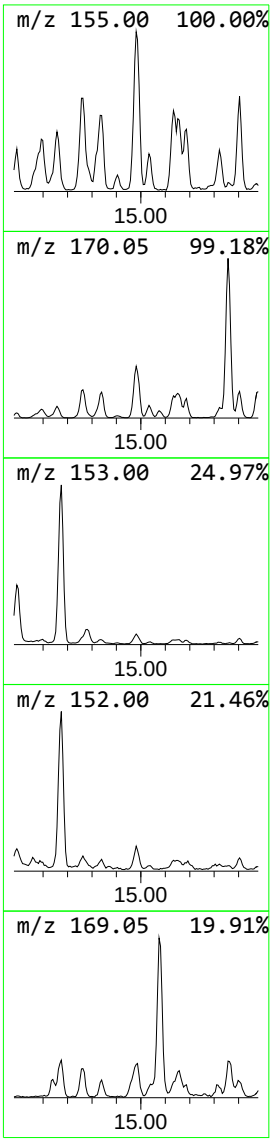
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.981 | 2.70 ng/ul | 540953 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 97 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

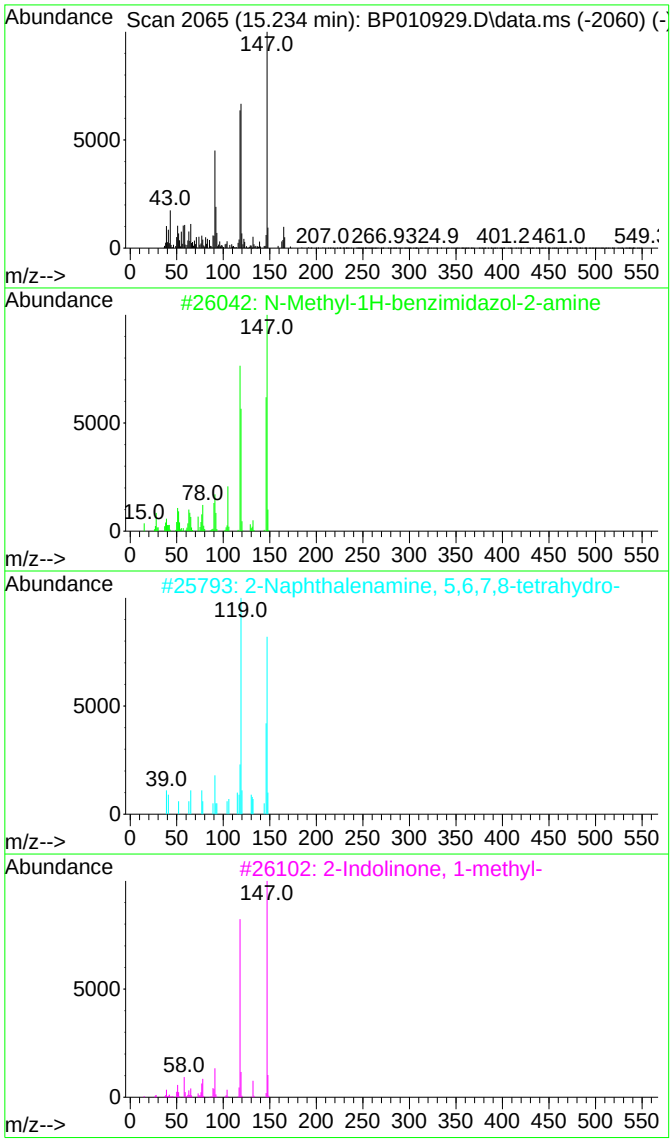
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

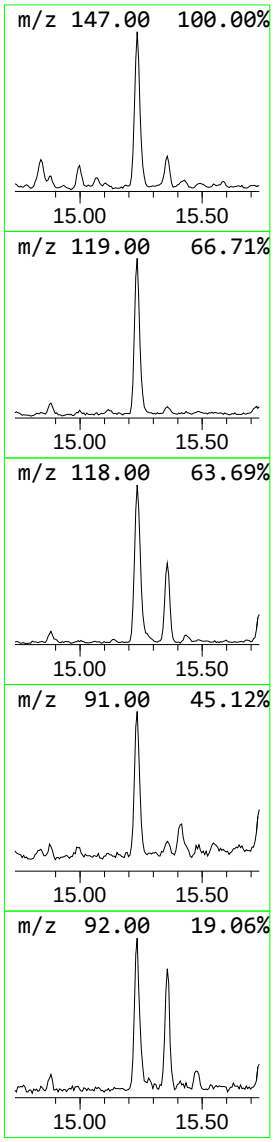
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 N-Methyl-1H-benzimidazol-2-... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.234 | 3.44 ng/ul | 688765 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-Methyl-1H-benzimidazol-2-amine | 147 | C8H9N3 | 017228-38-5 | 72 |
| 2 | 2-Naphthalenamine, 5,6,7,8-tetra... | 147 | C10H13N | 002217-43-8 | 64 |
| 3 | 2-Indolinone, 1-methyl- | 147 | C9H9NO | 000061-70-1 | 64 |
| 4 | 1,3,2-Benzoxazaborole, 2-ethyl-2... | 147 | C8H10BNO | 129363-62-8 | 49 |
| 5 | 5-Cyanotropolone | 147 | C8H5NO2 | 003266-92-0 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

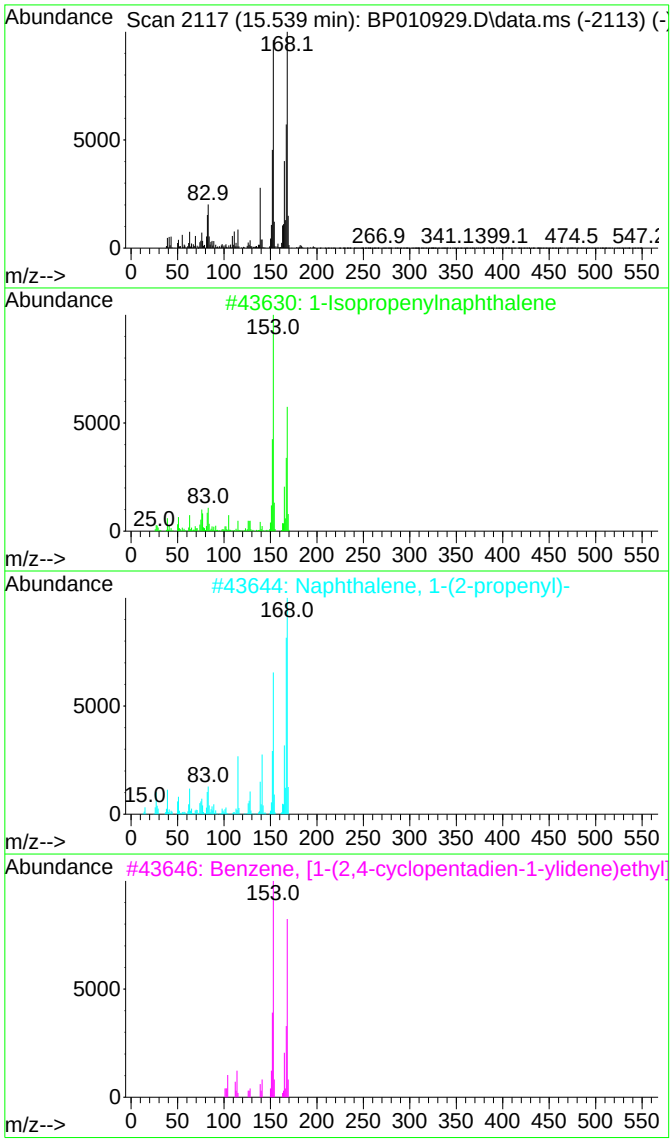
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

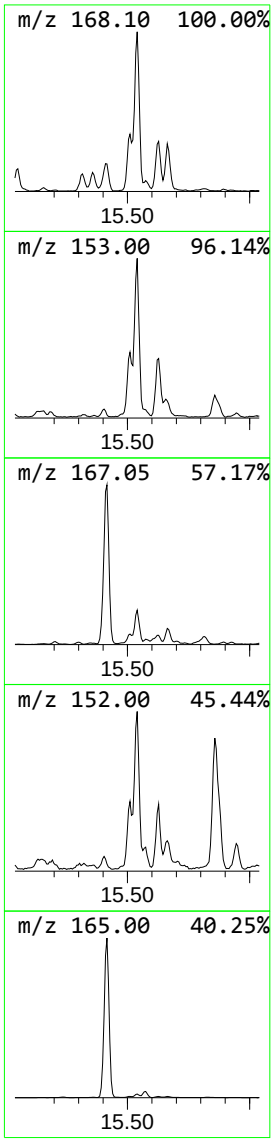
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Naphthalene, 1-(2-propenyl)- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.539 | 4.37 ng/ul | 875141 | Acenaphthene-d10 | 14.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Isopropenylnaphthalene | 168 | C13H12 | 001855-47-6 | 93 |
| 2 | Naphthalene, 1-(2-propenyl)- | 168 | C13H12 | 002489-86-3 | 76 |
| 3 | Benzene, [1-(2,4-cyclopentadien-... | 168 | C13H12 | 002320-32-3 | 62 |
| 4 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 52 |
| 5 | Naphthalene, 1-(2-propenyl)- | 168 | C13H12 | 002489-86-3 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

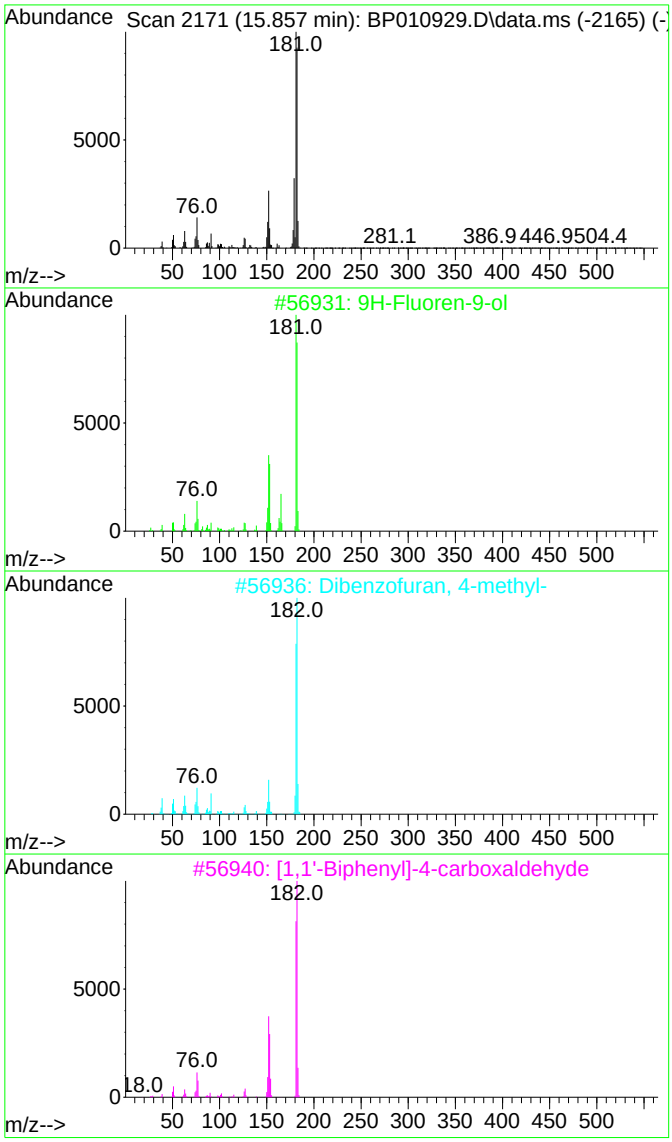
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

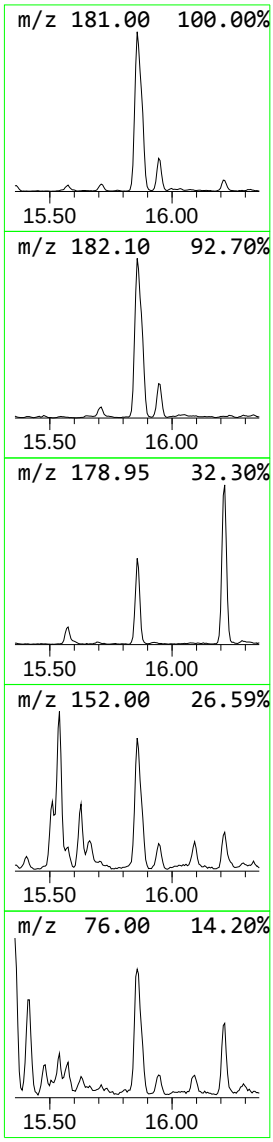
**********

Peak Number 20 9H-Fluoren-9-ol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.857 | 9.68 ng/ul | 1848540 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 87 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 80 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 76 |
| 4 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 74 |
| 5 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

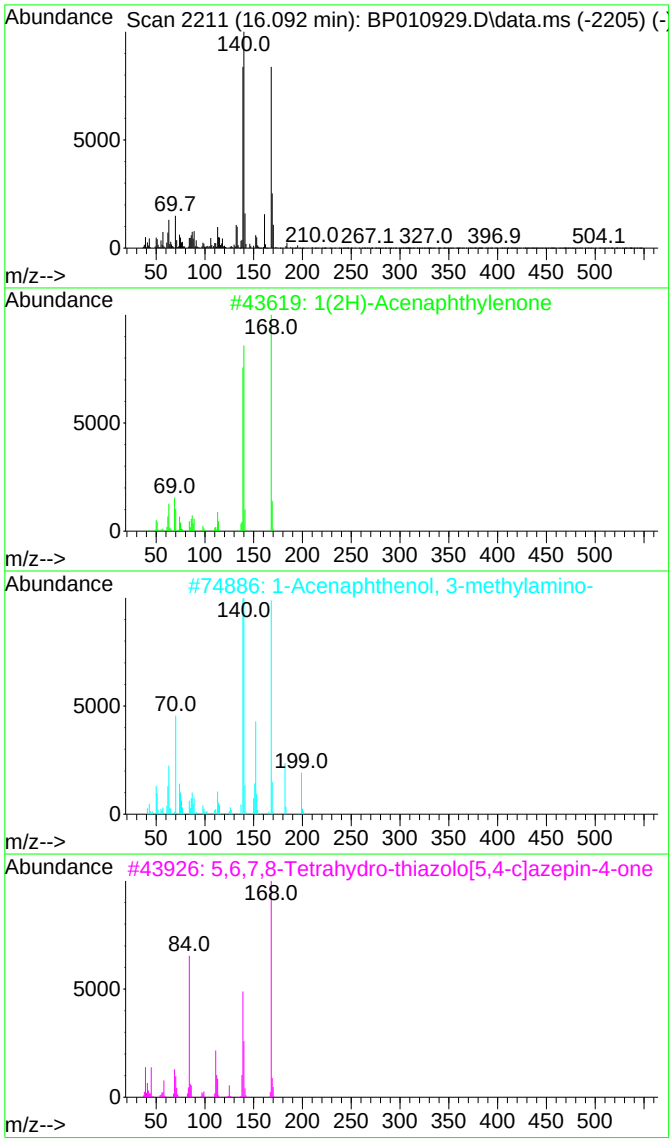
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

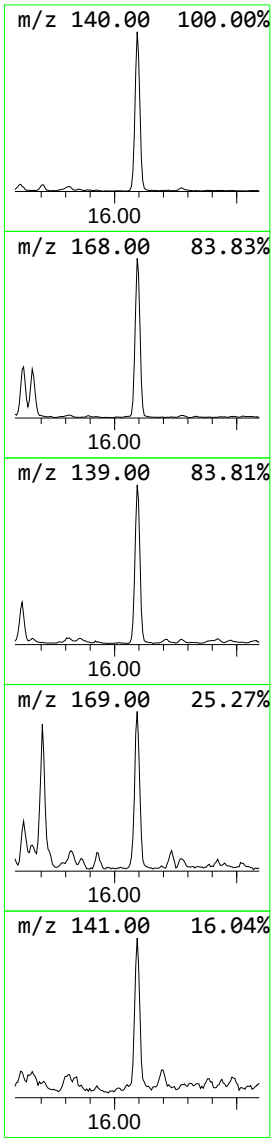
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 1(2H)-Acenaphthylenone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.092 | 7.35 ng/ul | 1403110 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 95 |
| 2 | 1-Acenaphthenol, 3-methylamino- | 199 | C13H13NO | 1000129-22-6 | 56 |
| 3 | 5,6,7,8-Tetrahydro-thiazolo[5,4-... | 168 | C7H8N2OS | 1000317-75-4 | 47 |
| 4 | Cyclobuta[de]naphthalene | 140 | C11H8 | 024973-91-9 | 46 |
| 5 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

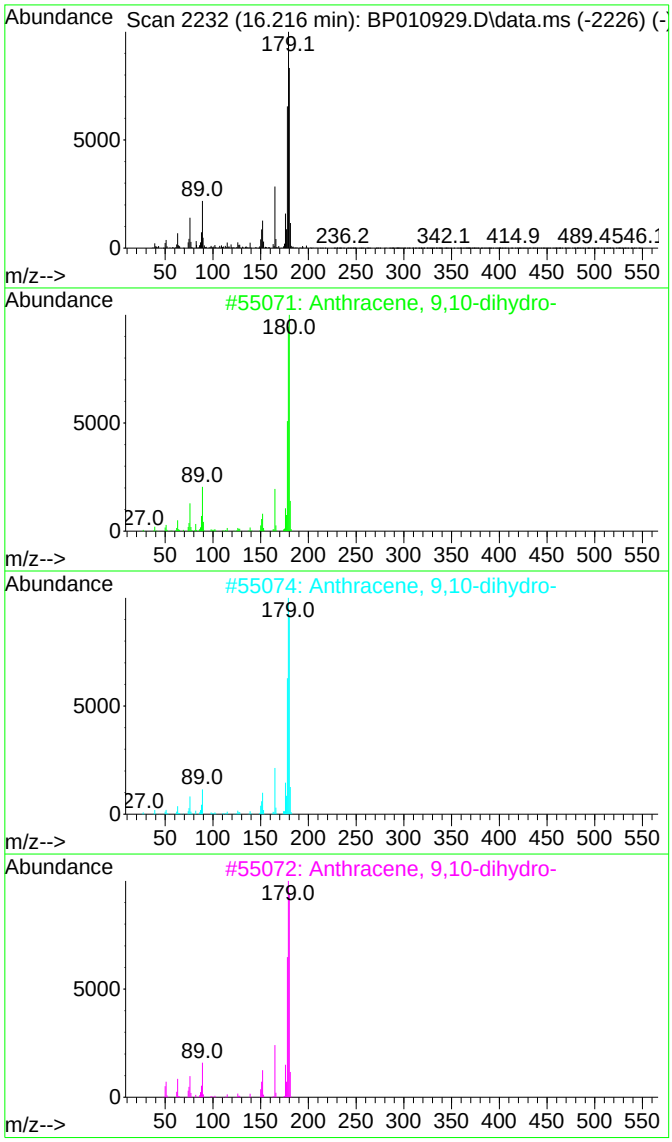
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

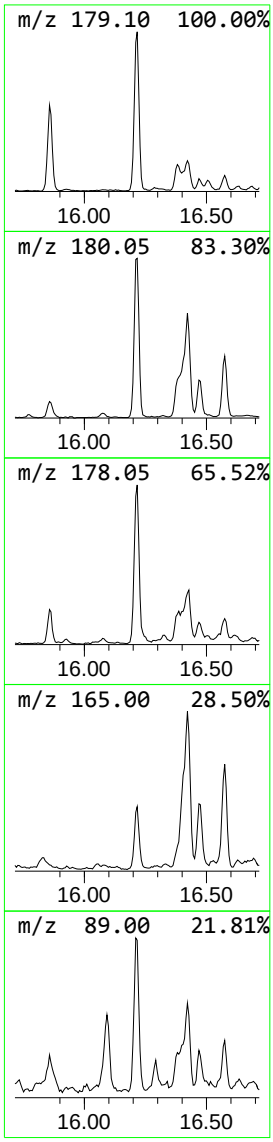
**********

Peak Number 22 Anthracene, 9,10-dihydro- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.216 | 4.22 ng/ul | 805733 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 9,10-dihydro- | 180 | C14H12 | 000613-31-0 | 97 |
| 2 | Anthracene, 9,10-dihydro- | 180 | C14H12 | 000613-31-0 | 96 |
| 3 | Anthracene, 9,10-dihydro- | 180 | C14H12 | 000613-31-0 | 94 |
| 4 | Anthracene, 9,10-dihydro- | 180 | C14H12 | 000613-31-0 | 92 |
| 5 | Phenanthrene, 9,10-dihydro- | 180 | C14H12 | 000776-35-2 | 92 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

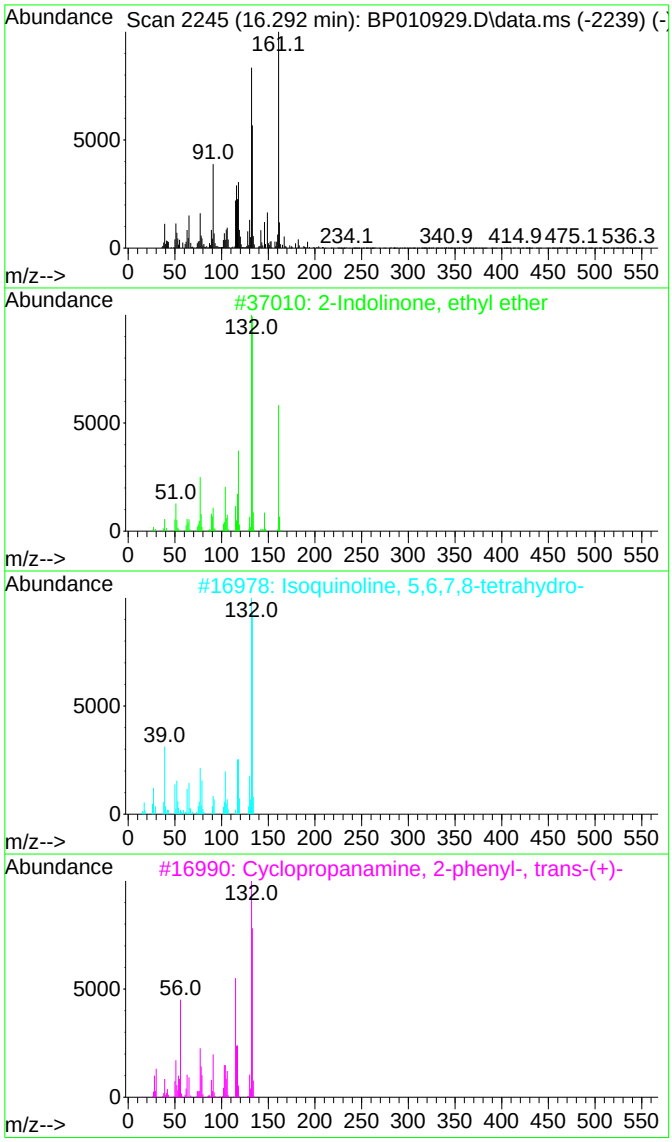
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

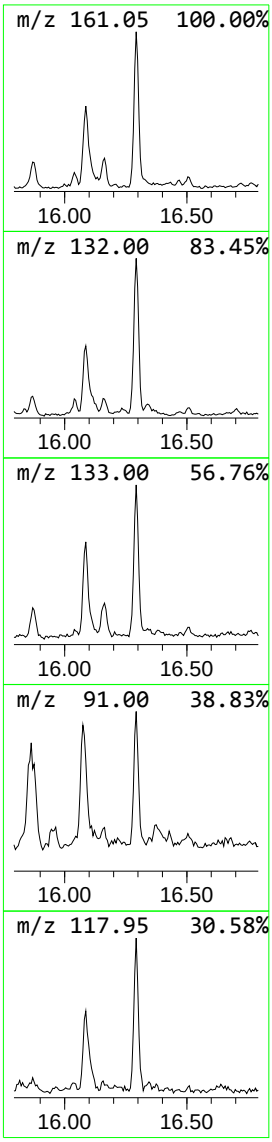
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 2-Indolinone, ethyl ether Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.292 | 3.57 ng/ul | 681838 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Indolinone, ethyl ether | 161 | C10H11NO | 1000453-17-4 | 72 |
| 2 | Isoquinoline, 5,6,7,8-tetrahydro- | 133 | C9H11N | 036556-06-6 | 64 |
| 3 | Cyclopropanamine, 2-phenyl-, tra... | 133 | C9H11N | 003721-28-6 | 55 |
| 4 | Tranylcypromine | 133 | C9H11N | 000155-09-9 | 55 |
| 5 | Isoquinoline, 5,6,7,8-tetrahydro- | 133 | C9H11N | 036556-06-6 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

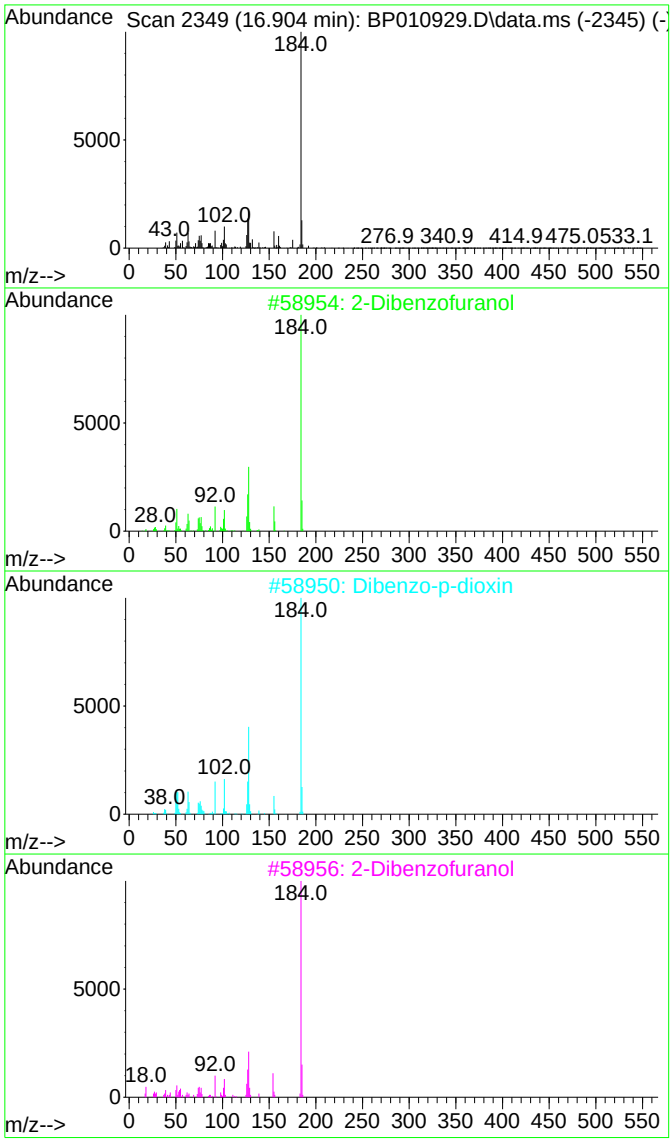
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

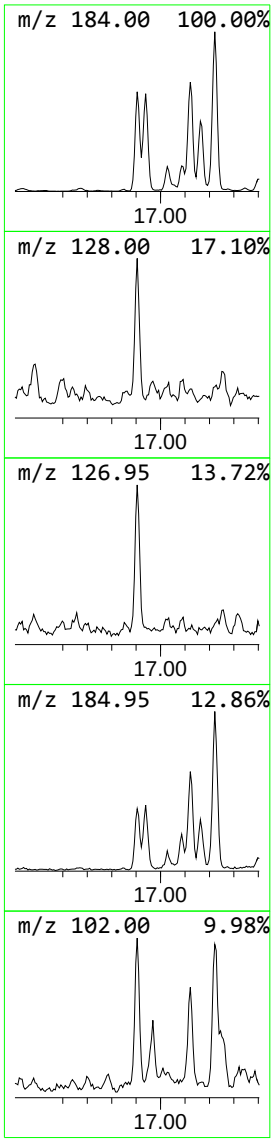
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 2-Dibenzofuranol Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.904 | 2.80 ng/ul | 534978 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 93 |
| 2 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 90 |
| 3 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 90 |
| 4 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 87 |
| 5 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

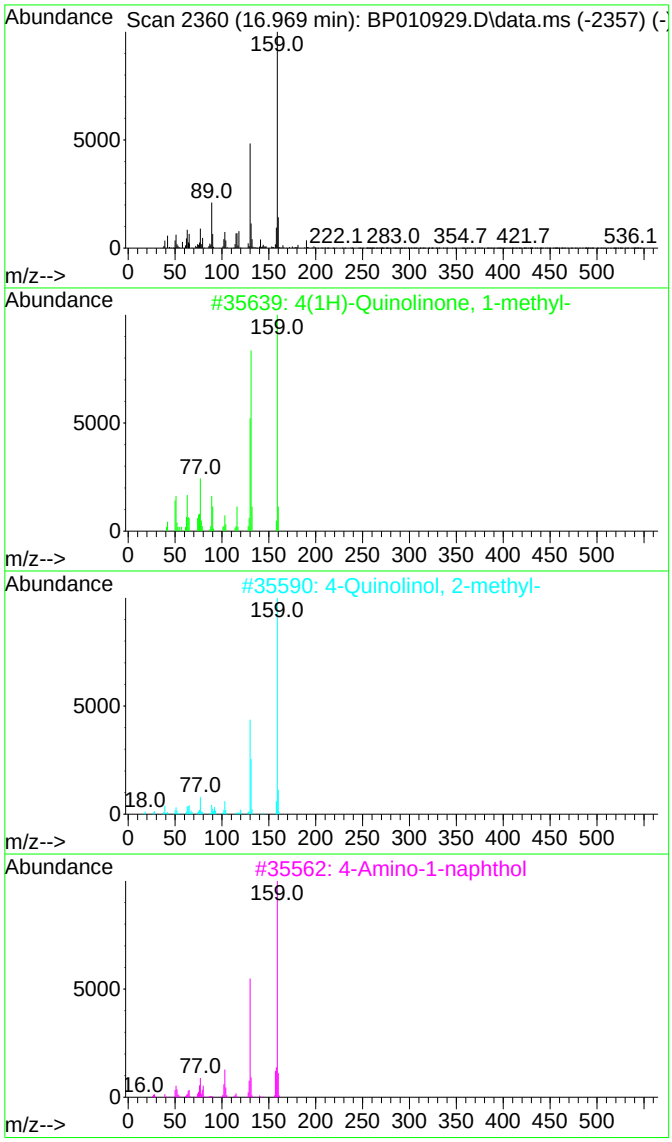
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

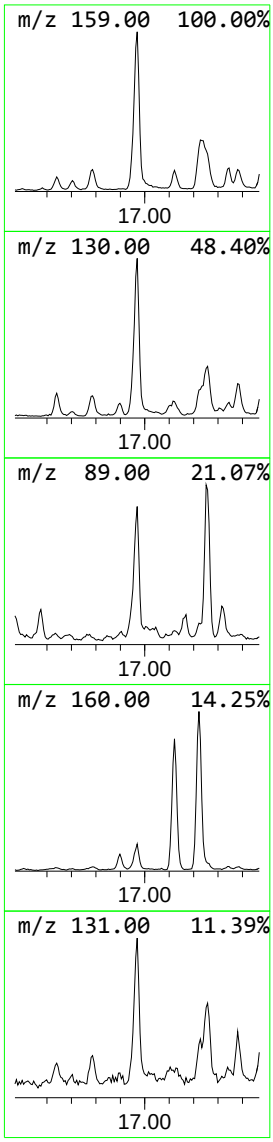
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 4(1H)-Quinolinone, 1-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.969 | 3.41 ng/ul | 651636 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4(1H)-Quinolinone, 1-methyl- | 159 | C10H9NO | 000083-54-5 | 80 |
| 2 | 4-Quinolinol, 2-methyl- | 159 | C10H9NO | 000607-67-0 | 76 |
| 3 | 4-Amino-1-naphthol | 159 | C10H9NO | 002834-90-4 | 76 |
| 4 | 1-Naphthalenol, 6-amino- | 159 | C10H9NO | 023894-12-4 | 76 |
| 5 | 5-Amino-1-naphthol | 159 | C10H9NO | 000083-55-6 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

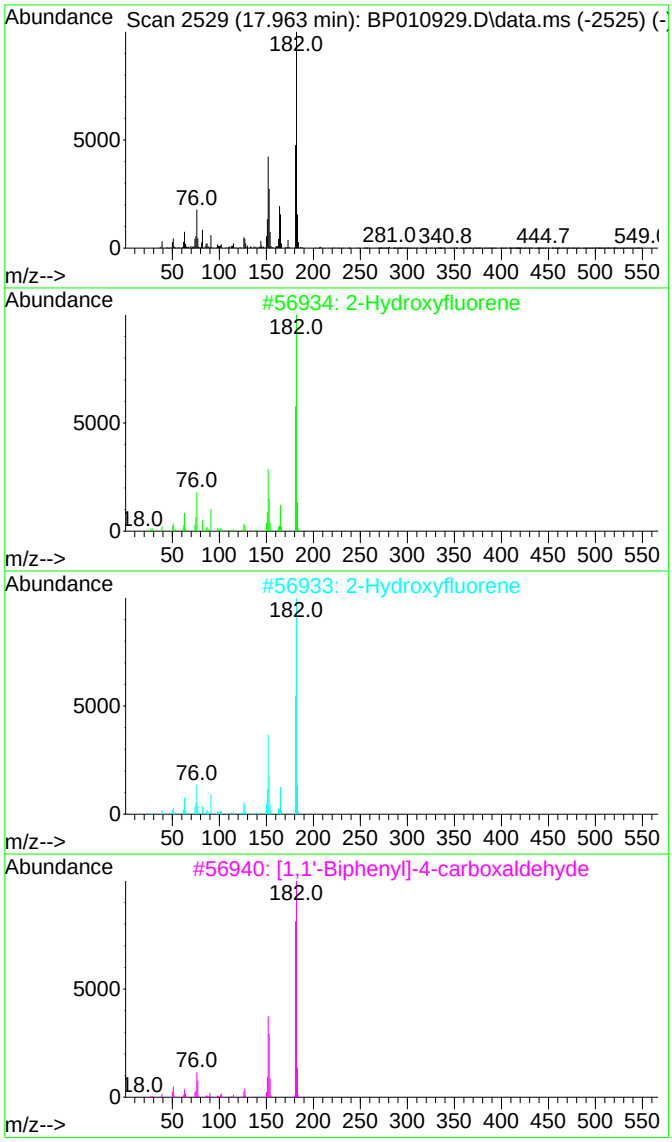
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

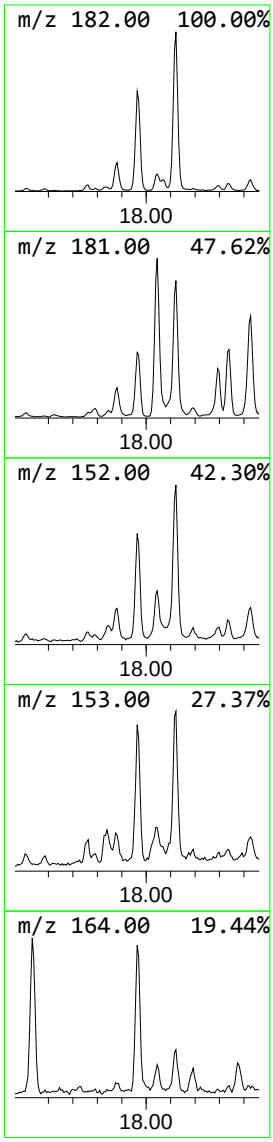
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 2-Hydroxyfluorene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.963 | 4.20 ng/ul | 801538 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 93 |
| 2 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 86 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 58 |
| 4 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 53 |
| 5 | 4,6-Dimethoxysalicylaldehyde | 182 | C9H10O4 | 000708-76-9 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

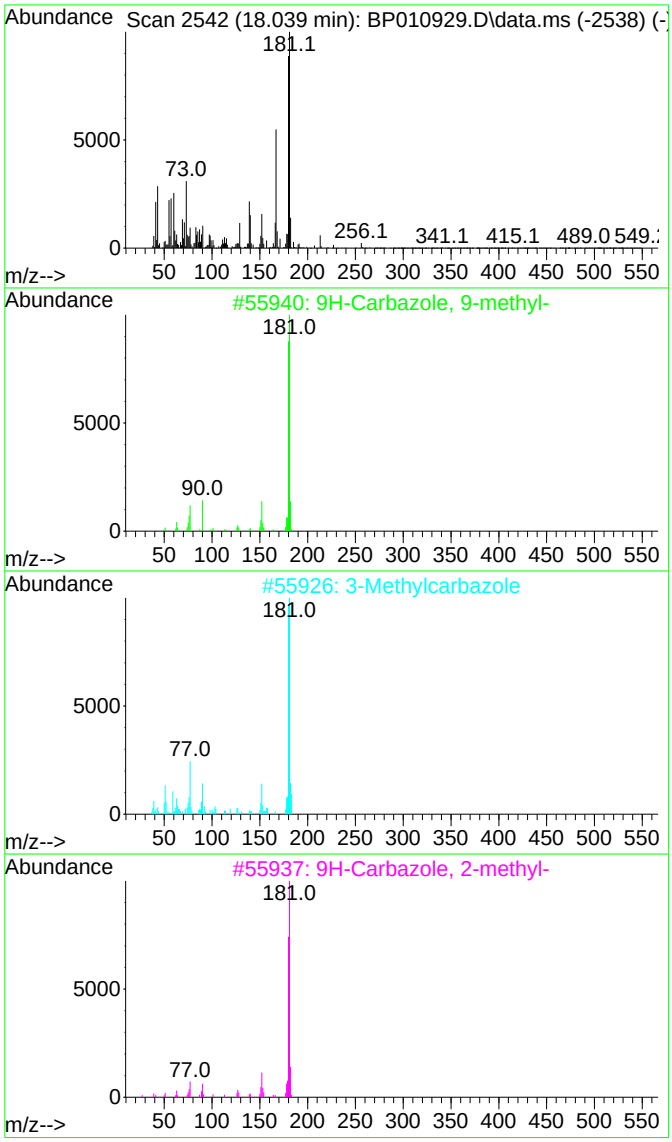
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

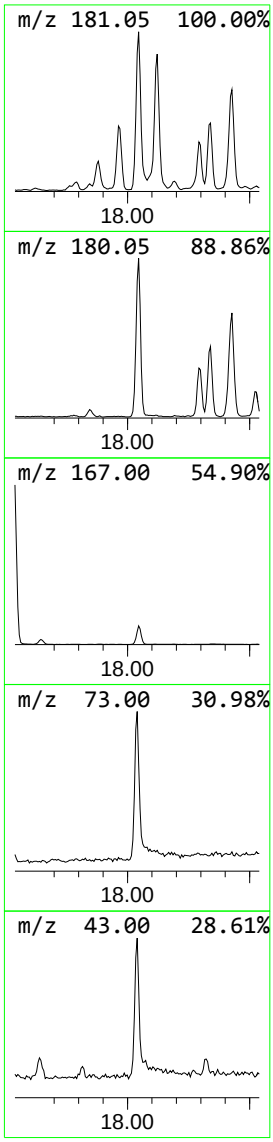
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 9H-Carbazole, 9-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.039 | 8.12 ng/ul | 1550200 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 95 |
| 2 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 90 |
| 3 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 90 |
| 4 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 86 |
| 5 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

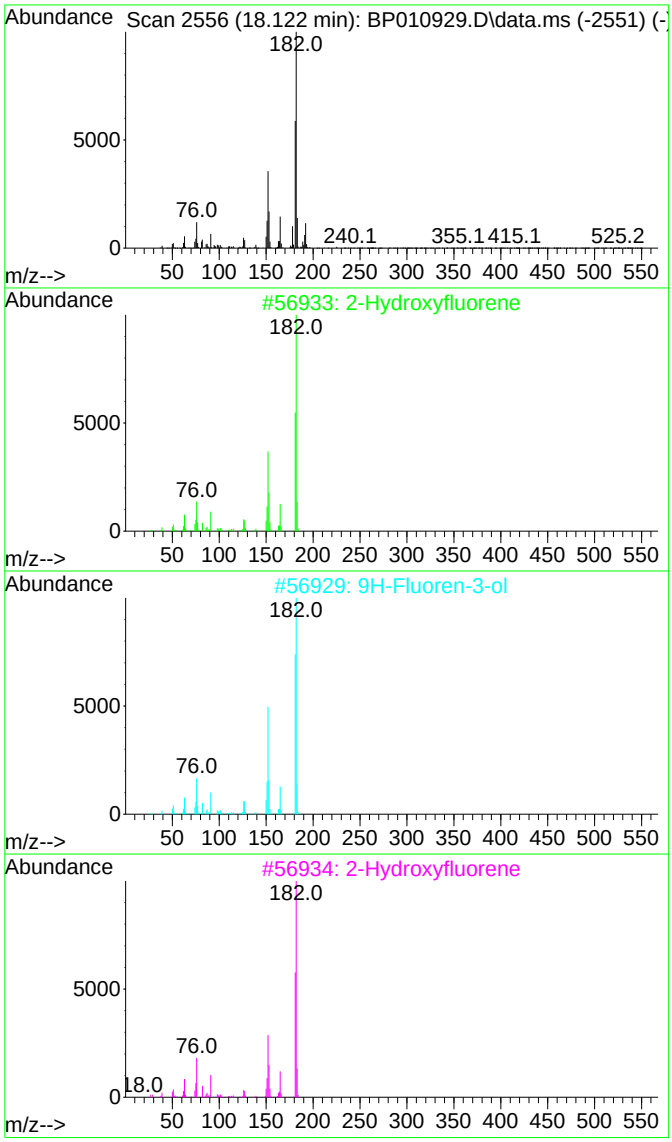
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

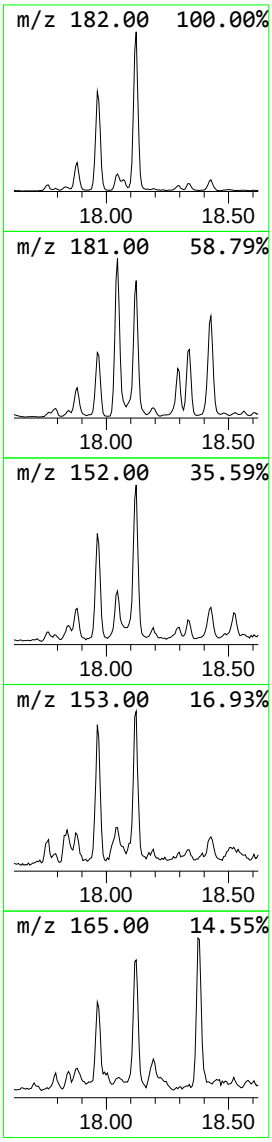
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 9H-Fluoren-3-ol Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.122 | 6.00 ng/ul | 1145840 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 97 |
| 2 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 95 |
| 3 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 87 |
| 4 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 83 |
| 5 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

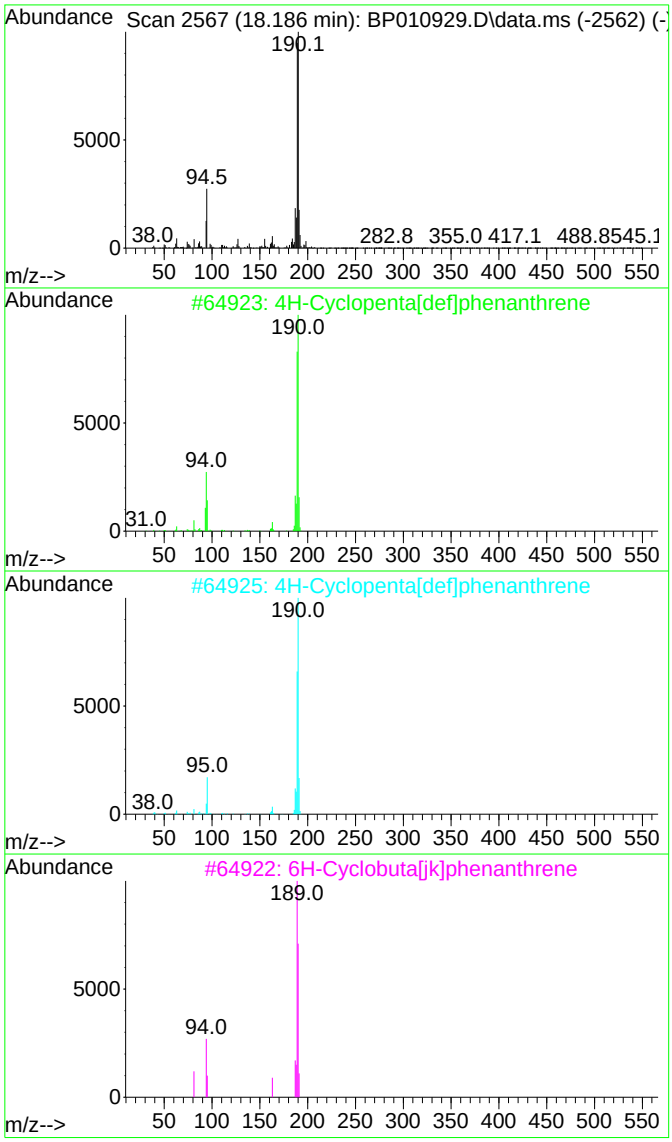
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

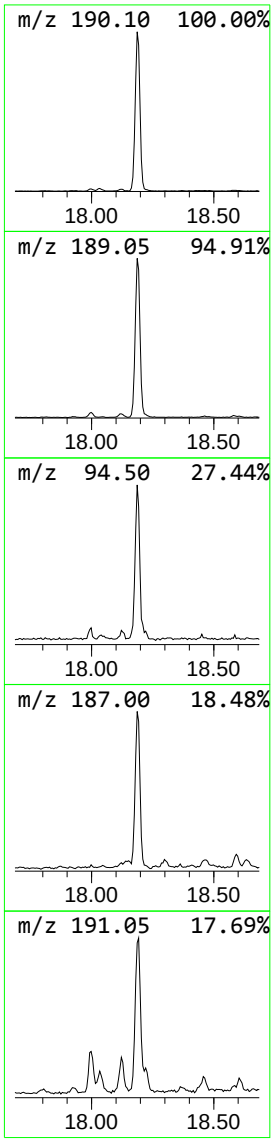
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.186 | 8.43 ng/ul | 1609910 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 95 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 74 |
| 3 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 72 |
| 4 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 60 |
| 5 | Phenol, 4-(2-thienylmethyl)- | 190 | C11H10OS | 091680-55-6 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

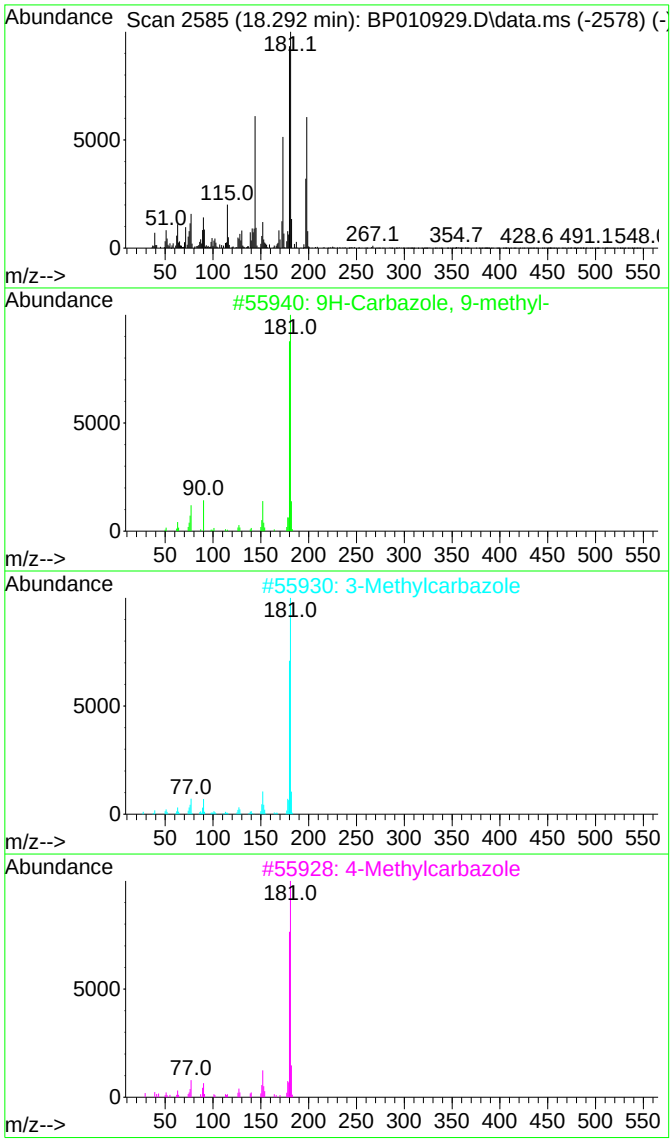
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

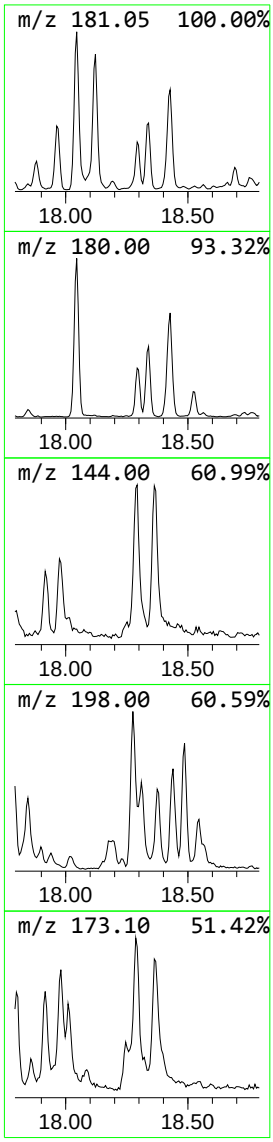
**********

Peak Number 34 3-Methylcarbazole Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.292 | 4.43 ng/ul | 845815 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 95 |
| 2 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 86 |
| 3 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 81 |
| 4 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 64 |
| 5 | 1-Methylcarbazole | 181 | C13H11N | 006510-65-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

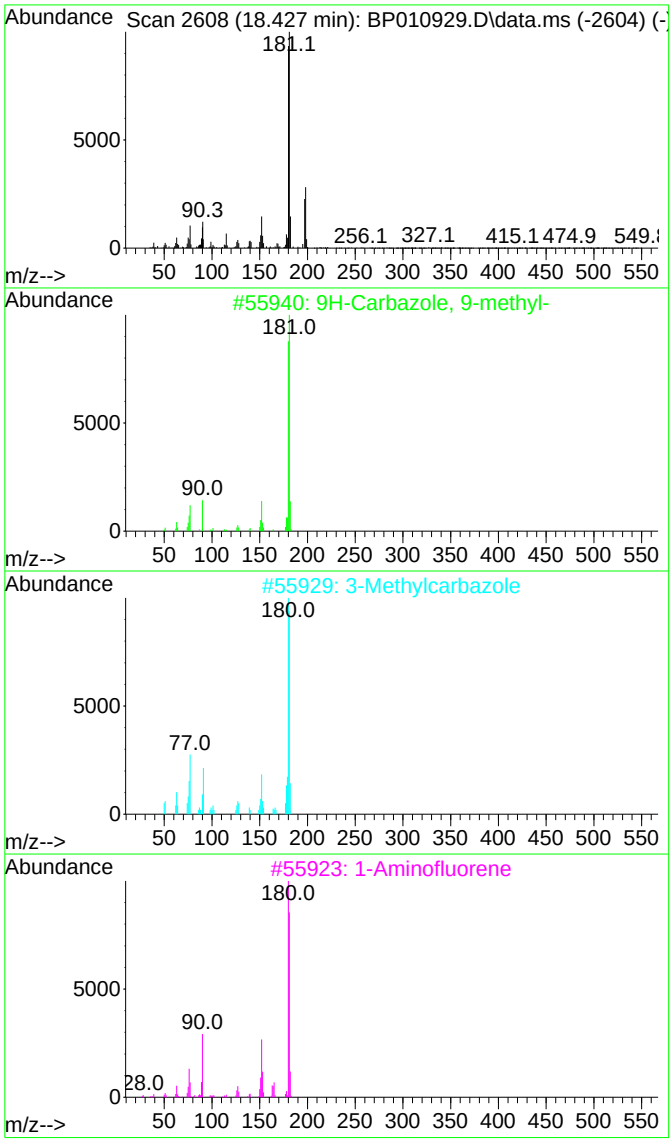
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

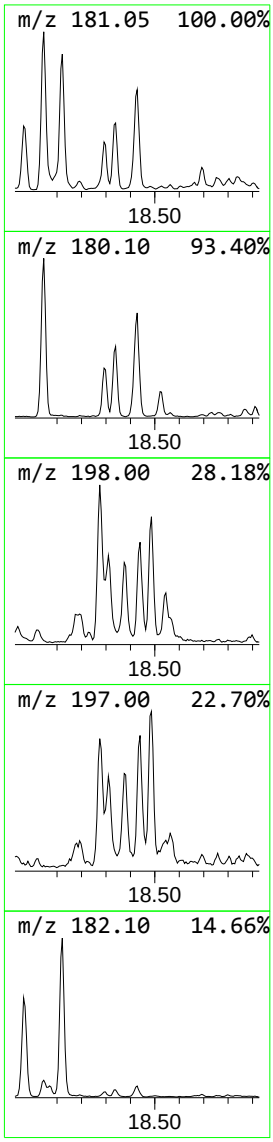
**********

Peak Number 35 1-Aminofluorene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.427 | 3.02 ng/ul | 576979 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 89 |
| 2 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 86 |
| 3 | 1-Aminofluorene | 181 | C13H11N | 006344-63-4 | 81 |
| 4 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 76 |
| 5 | 4aH-carbazole, 6-methyl- | 181 | C13H11N | 1000404-86-1 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

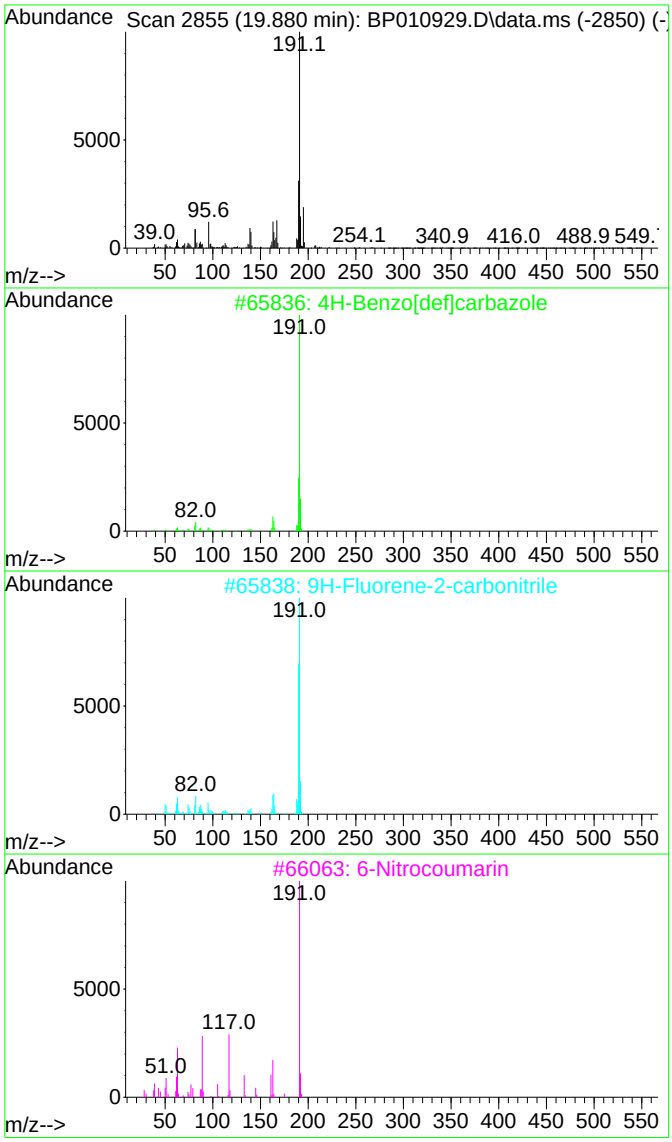
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

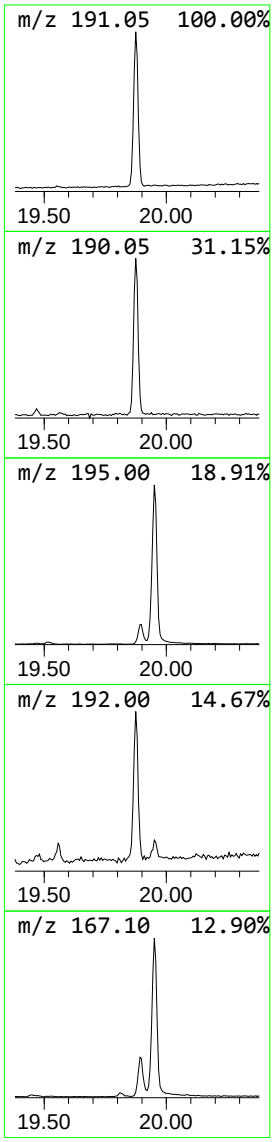
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 4H-Benzo[def]carbazole Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.880 | 5.75 ng/ul | 1197690 | Chrysene-d12 | 21.233 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Benzo[def]carbazole | 191 | C14H9N | 000203-65-6 | 76 |
| 2 | 9H-Fluorene-2-carbonitrile | 191 | C14H9N | 002523-48-0 | 52 |
| 3 | 6-Nitrocoumarin | 191 | C9H5NO4 | 002725-81-7 | 47 |
| 4 | 3-Fluoro-5-trifluoromethylbenzoi... | 376 | C20H28F4O2 | 1010338-65-7 | 47 |
| 5 | 2-(2,4-Difluorophenyl)pyridine | 191 | C11H7F2N | 391604-55-0 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

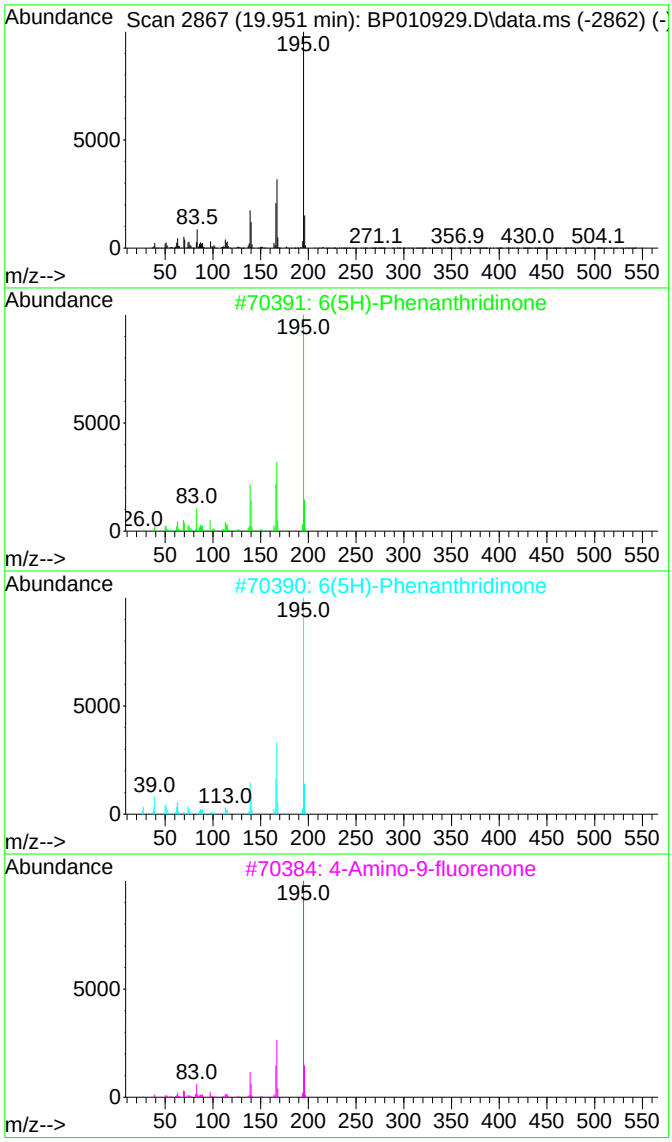
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

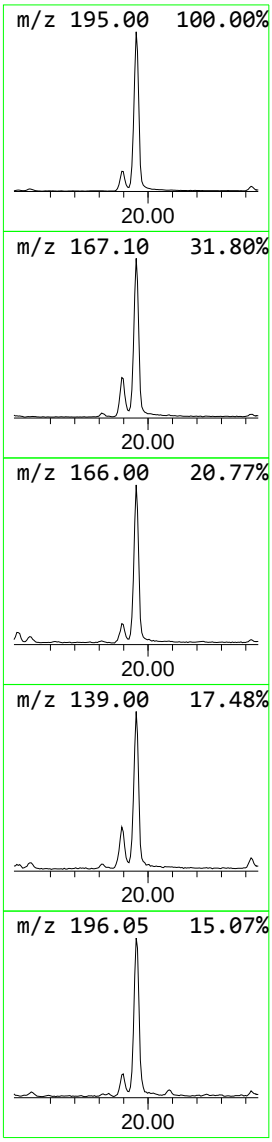
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 6(5H)-Phenanthridinone Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.951 | 15.76 ng/ul | 3281870 | Chrysene-d12 | 21.233 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 97 |
| 2 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 96 |
| 3 | 4-Amino-9-fluorenone | 195 | C13H9NO | 004269-15-2 | 95 |
| 4 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 95 |
| 5 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

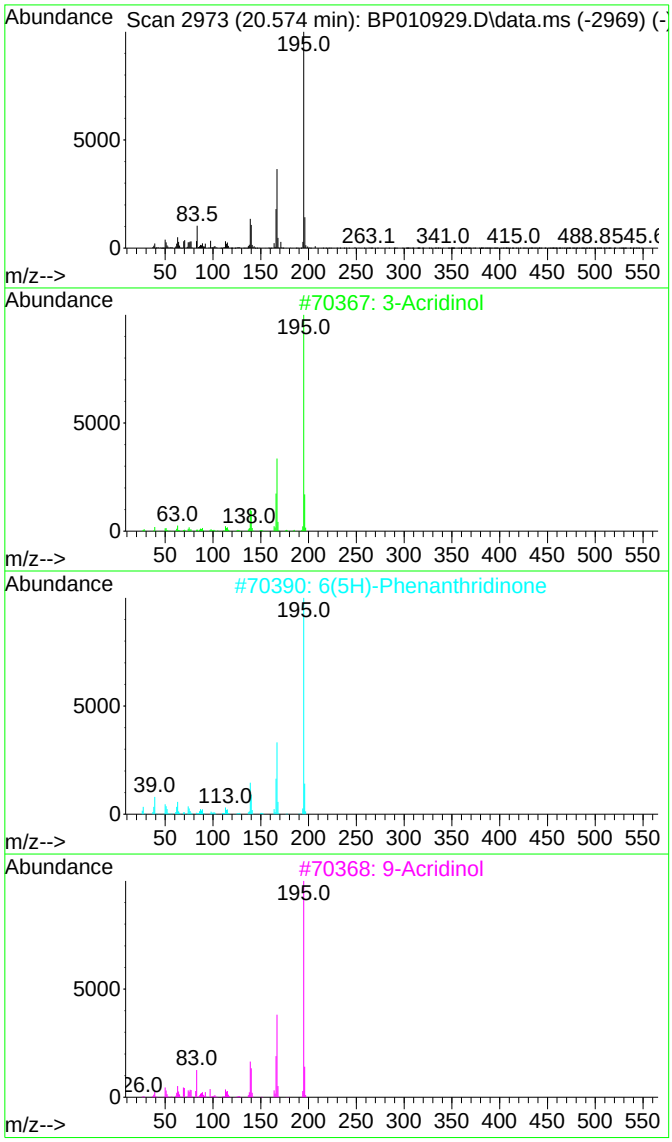
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

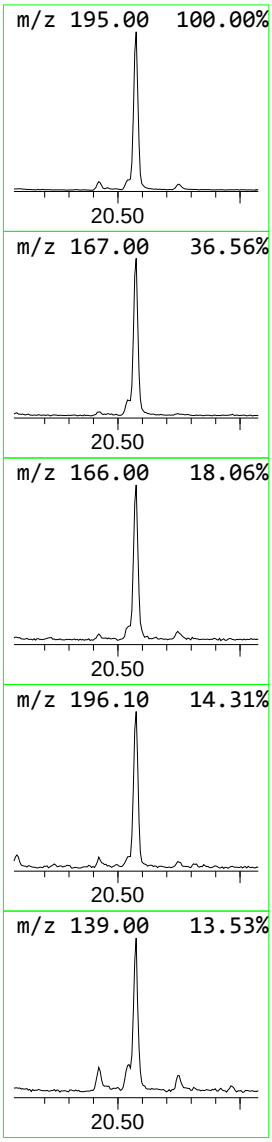
**********

Peak Number 38 3-Acridinol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.574 | 9.04 ng/ul | 1882550 | Chrysene-d12 | 21.233 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Acridinol | 195 | C13H9NO | 007132-70-9 | 96 |
| 2 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 96 |
| 3 | 9-Acridinol | 195 | C13H9NO | 000643-62-9 | 96 |
| 4 | 4-Amino-9-fluorenone | 195 | C13H9NO | 004269-15-2 | 96 |
| 5 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

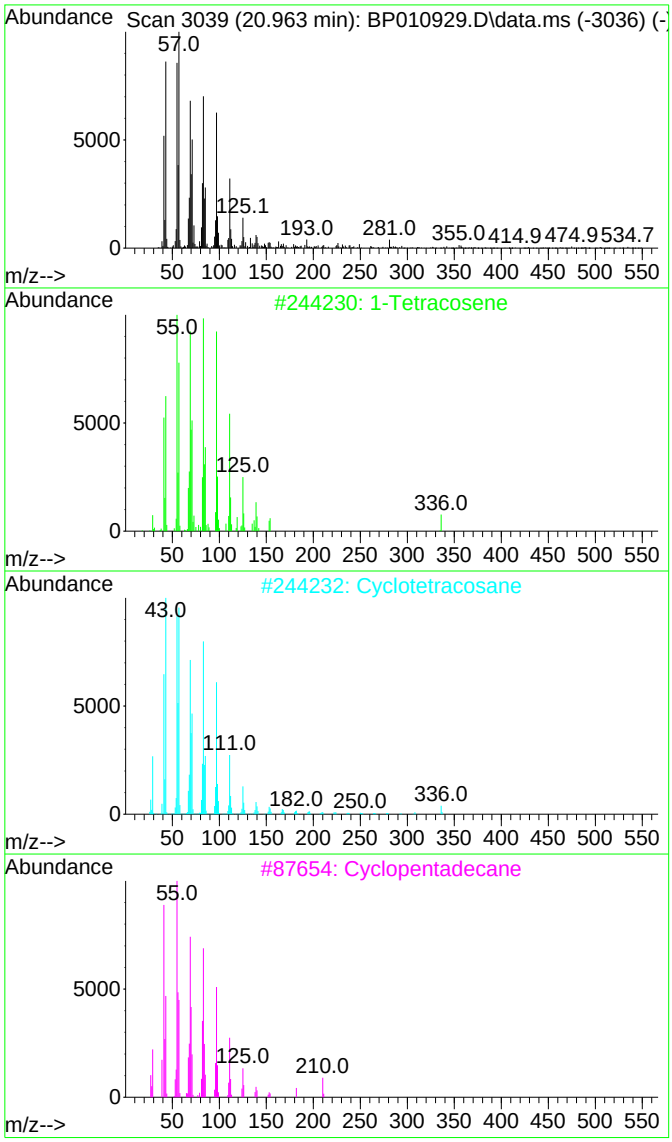
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION

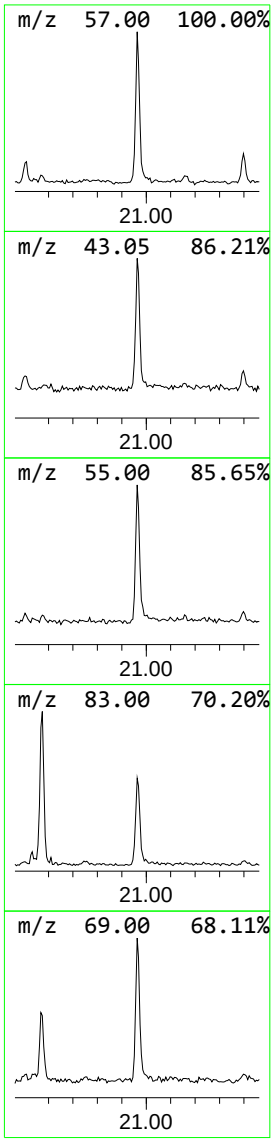
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.963 | 2.52 ng/ul | 524734 | Chrysene-d12 | 21.233 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 99 |
| 2 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 96 |
| 3 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 96 |
| 4 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94 |
| 5 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010929.D
Acq On : 06 Jul 2022 14:22
Operator : CG/JU
Sample : N3555-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.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 |
| 1H-Indene, 1-me... | 9.910 | 2.6 | ng/ul | 474867 | 2 | 10.499 | 3615680 | 20.0 |
| Phenol, 2,3,6-t... | 11.093 | 5.2 | ng/ul | 936134 | 2 | 10.499 | 3615680 | 20.0 |
| Phenol, 2,4,5-t... | 11.534 | 3.1 | ng/ul | 556869 | 2 | 10.499 | 3615680 | 20.0 |
| Benzo[b]thiophe... | 11.616 | 5.5 | ng/ul | 998721 | 2 | 10.499 | 3615680 | 20.0 |
| Benzo[b]thiophe... | 12.057 | 4.1 | ng/ul | 743735 | 2 | 10.499 | 3615680 | 20.0 |
| 3-Methylbenzoth... | 12.351 | 6.4 | ng/ul | 1157300 | 2 | 10.499 | 3615680 | 20.0 |
| unknown-01 | 12.534 | 3.5 | ng/ul | 709259 | 3 | 14.363 | 4003690 | 20.0 |
| unknown-02 | 13.410 | 7.7 | ng/ul | 1549960 | 3 | 14.363 | 4003690 | 20.0 |
| 2,6-Pyridinedia... | 13.551 | 2.9 | ng/ul | 586322 | 3 | 14.363 | 4003690 | 20.0 |
| Naphthalene, 2,... | 13.910 | 4.0 | ng/ul | 808423 | 3 | 14.363 | 4003690 | 20.0 |
| Naphthalene, 1,... | 13.945 | 3.5 | ng/ul | 711158 | 3 | 14.363 | 4003690 | 20.0 |
| 1-Isopropenylna... | 14.675 | 4.0 | ng/ul | 790891 | 3 | 14.363 | 4003690 | 20.0 |
| Naphthalene, 1,... | 14.981 | 2.7 | ng/ul | 540953 | 3 | 14.363 | 4003690 | 20.0 |
| N-Methyl-1H-ben... | 15.234 | 3.4 | ng/ul | 688765 | 3 | 14.363 | 4003690 | 20.0 |
| Naphthalene, 1-... | 15.539 | 4.4 | ng/ul | 875141 | 3 | 14.363 | 4003690 | 20.0 |
| 9H-Fluoren-9-ol | 15.857 | 9.7 | ng/ul | 1848540 | 4 | 17.122 | 3817630 | 20.0 |
| 1(2H)-Acenaphth... | 16.092 | 7.3 | ng/ul | 1403110 | 4 | 17.122 | 3817630 | 20.0 |
| Anthracene, 9,1... | 16.216 | 4.2 | ng/ul | 805733 | 4 | 17.122 | 3817630 | 20.0 |
| 2-Indolinone, e... | 16.292 | 3.6 | ng/ul | 681838 | 4 | 17.122 | 3817630 | 20.0 |
| 2-Dibenzofuranol | 16.904 | 2.8 | ng/ul | 534978 | 4 | 17.122 | 3817630 | 20.0 |
| 4(1H)-Quinolino... | 16.969 | 3.4 | ng/ul | 651636 | 4 | 17.122 | 3817630 | 20.0 |
| 2-Hydroxyfluorene | 17.963 | 4.2 | ng/ul | 801538 | 4 | 17.122 | 3817630 | 20.0 |
| 9H-Carbazole, 9... | 18.039 | 8.1 | ng/ul | 1550200 | 4 | 17.122 | 3817630 | 20.0 |
| 9H-Fluoren-3-ol | 18.122 | 6.0 | ng/ul | 1145840 | 4 | 17.122 | 3817630 | 20.0 |
| 4H-Cyclopenta[d... | 18.186 | 8.4 | ng/ul | 1609910 | 4 | 17.122 | 3817630 | 20.0 |
| 3-Methylcarbazole | 18.292 | 4.4 | ng/ul | 845815 | 4 | 17.122 | 3817630 | 20.0 |
| 1-Aminofluorene | 18.427 | 3.0 | ng/ul | 576979 | 4 | 17.122 | 3817630 | 20.0 |
| 4H-Benzo[def]ca... | 19.880 | 5.8 | ng/ul | 1197690 | 5 | 21.233 | 4164650 | 20.0 |
| 6(5H)-Phenanthr... | 19.951 | 15.8 | ng/ul | 3281870 | 5 | 21.233 | 4164650 | 20.0 |
| 3-Acridinol | 20.574 | 9.0 | ng/ul | 1882550 | 5 | 21.233 | 4164650 | 20.0 |
| (DEL) Alkane: S... | 20.963 | 2.5 | ng/ul | 524734 | 5 | 21.233 | 4164650 | 20.0 |