LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

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_G\Methods\SFAM-EPA-BG120624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063603.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.557 | 244 | 250 | 260 | rBV | 803004 | 1260631 | 9.23% | 0.425% |
| 2 | 5.849 | 464 | 470 | 477 | rVB2 | 1703965 | 2536419 | 18.58% | 0.856% |
| 3 | 6.108 | 506 | 514 | 520 | rBV3 | 796022 | 1779070 | 13.03% | 0.600% |
| 4 | 6.319 | 544 | 550 | 557 | rBV6 | 641677 | 1447817 | 10.60% | 0.488% |
| 5 | 6.390 | 557 | 562 | 566 | rBV | 1073859 | 1536747 | 11.25% | 0.518% |
| 6 | 6.466 | 566 | 575 | 579 | rBV2 | 1431024 | 2638935 | 19.33% | 0.890% |
| 7 | 6.825 | 632 | 636 | 641 | rVB2 | 842442 | 1183309 | 8.67% | 0.399% |
| 8 | 6.983 | 656 | 663 | 670 | rVB2 | 1136970 | 2685358 | 19.67% | 0.906% |
| 9 | 7.453 | 737 | 743 | 751 | rBV2 | 5765855 | 9120718 | 66.80% | 3.077% |
| 10 | 7.806 | 797 | 803 | 811 | rVB3 | 2203044 | 4175523 | 30.58% | 1.409% |
| 11 | 8.017 | 834 | 839 | 842 | rVV3 | 782376 | 1301612 | 9.53% | 0.439% |
| 12 | 8.111 | 847 | 855 | 862 | rVV3 | 1407054 | 3092190 | 22.65% | 1.043% |
| 13 | 8.358 | 888 | 897 | 903 | rBV5 | 914004 | 2390881 | 17.51% | 0.807% |
| 14 | 8.487 | 911 | 919 | 923 | rBV2 | 942848 | 1932355 | 14.15% | 0.652% |
| 15 | 8.587 | 931 | 936 | 940 | rBV | 756795 | 1171076 | 8.58% | 0.395% |
| 16 | 8.928 | 984 | 994 | 1000 | rBV5 | 789289 | 2083501 | 15.26% | 0.703% |
| 17 | 9.057 | 1005 | 1016 | 1025 | rVB | 5692747 | 9716609 | 71.16% | 3.278% |
| 18 | 9.175 | 1032 | 1036 | 1042 | rVB5 | 567102 | 1197709 | 8.77% | 0.404% |
| 19 | 9.469 | 1079 | 1086 | 1089 | rVV3 | 539350 | 1077089 | 7.89% | 0.363% |
| 20 | 9.745 | 1129 | 1133 | 1138 | rVV2 | 799902 | 1452165 | 10.64% | 0.490% |
| 21 | 9.798 | 1138 | 1142 | 1151 | rVB4 | 603834 | 1250761 | 9.16% | 0.422% |
| 22 | 9.968 | 1163 | 1171 | 1175 | rBV3 | 777815 | 1279153 | 9.37% | 0.432% |
| 23 | 10.027 | 1175 | 1181 | 1183 | rBV2 | 1120489 | 2059801 | 15.09% | 0.695% |
| 24 | 10.597 | 1271 | 1278 | 1286 | rVV2 | 7680977 | 13654582 | 100.00% | 4.607% |
| 25 | 10.661 | 1286 | 1289 | 1298 | rVV3 | 566590 | 1392581 | 10.20% | 0.470% |
| 26 | 10.779 | 1305 | 1309 | 1315 | rVB | 2185072 | 3399588 | 24.90% | 1.147% |
| 27 | 11.319 | 1390 | 1401 | 1409 | rBV3 | 1008267 | 2943215 | 21.55% | 0.993% |
| 28 | 11.455 | 1419 | 1424 | 1430 | rBV3 | 726565 | 1226323 | 8.98% | 0.414% |
| 29 | 11.537 | 1431 | 1438 | 1444 | rVB3 | 1053740 | 2082343 | 15.25% | 0.703% |
| 30 | 11.643 | 1450 | 1456 | 1466 | rBV2 | 2554371 | 4788225 | 35.07% | 1.616% |
| 31 | 12.048 | 1518 | 1525 | 1534 | rBV | 8054658 | 12620100 | 92.42% | 4.258% |
| 32 | 12.277 | 1555 | 1564 | 1570 | rVB2 | 1949225 | 4305772 | 31.53% | 1.453% |
| 33 | 12.500 | 1596 | 1602 | 1611 | rVB | 1176984 | 2364465 | 17.32% | 0.798% |
| 34 | 12.735 | 1636 | 1642 | 1648 | rVV4 | 803523 | 1830538 | 13.41% | 0.618% |
| 35 | 12.859 | 1659 | 1663 | 1668 | rBV | 902551 | 1296135 | 9.49% | 0.437% |
| 36 | 12.947 | 1674 | 1678 | 1683 | rBV | 663318 | 1101383 | 8.07% | 0.372% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

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_G\Methods\SFAM-EPA-BG120624.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.000 | 1683 | 1687 | 1693 | rVB | 2371567 | 3459349 | 25.33% | 1.167% |
| 38 | 13.294 | 1729 | 1737 | 1744 | rBV | 7220211 | 11536527 | 84.49% | 3.892% |
| 39 | 13.628 | 1788 | 1794 | 1795 | rBV2 | 950404 | 1514183 | 11.09% | 0.511% |
| 40 | 13.787 | 1815 | 1821 | 1826 | rVV | 1906960 | 3742291 | 27.41% | 1.263% |
| 41 | 13.840 | 1826 | 1830 | 1840 | rVV4 | 1547141 | 3567749 | 26.13% | 1.204% |
| 42 | 13.952 | 1840 | 1849 | 1853 | rVV2 | 2512273 | 4244376 | 31.08% | 1.432% |
| 43 | 13.993 | 1853 | 1856 | 1858 | rVV | 871747 | 1152979 | 8.44% | 0.389% |
| 44 | 14.022 | 1858 | 1861 | 1865 | rVV | 1182849 | 1833275 | 13.43% | 0.619% |
| 45 | 14.187 | 1886 | 1889 | 1895 | rVB | 735180 | 1092667 | 8.00% | 0.369% |
| 46 | 14.369 | 1915 | 1920 | 1927 | rBV | 5887880 | 8050818 | 58.96% | 2.716% |
| 47 | 14.463 | 1927 | 1936 | 1942 | rBV2 | 1526450 | 3361244 | 24.62% | 1.134% |
| 48 | 14.674 | 1966 | 1972 | 1981 | rVB2 | 951939 | 2508034 | 18.37% | 0.846% |
| 49 | 14.868 | 2000 | 2005 | 2011 | rVV | 2116533 | 3658451 | 26.79% | 1.234% |
| 50 | 14.945 | 2011 | 2018 | 2022 | rVV | 2223167 | 3857349 | 28.25% | 1.301% |
| 51 | 14.992 | 2022 | 2026 | 2033 | rVB4 | 890125 | 1630446 | 11.94% | 0.550% |
| 52 | 15.086 | 2034 | 2042 | 2047 | rBV2 | 1617849 | 2986236 | 21.87% | 1.008% |
| 53 | 15.138 | 2047 | 2051 | 2056 | rVB | 2241705 | 3170160 | 23.22% | 1.070% |
| 54 | 15.262 | 2063 | 2072 | 2074 | rBV | 1410283 | 3174614 | 23.25% | 1.071% |
| 55 | 15.291 | 2074 | 2077 | 2079 | rVV | 1402740 | 1848036 | 13.53% | 0.624% |
| 56 | 15.321 | 2079 | 2082 | 2087 | rVB | 3003362 | 3903386 | 28.59% | 1.317% |
| 57 | 15.426 | 2095 | 2100 | 2104 | rBV2 | 984496 | 1584918 | 11.61% | 0.535% |
| 58 | 15.514 | 2109 | 2115 | 2119 | rBV4 | 1407116 | 2238947 | 16.40% | 0.755% |
| 59 | 15.567 | 2119 | 2124 | 2128 | rBV3 | 675995 | 1098659 | 8.05% | 0.371% |
| 60 | 15.644 | 2128 | 2137 | 2140 | rBV3 | 2640780 | 5192192 | 38.03% | 1.752% |
| 61 | 15.673 | 2140 | 2142 | 2147 | rVB4 | 1172454 | 1749311 | 12.81% | 0.590% |
| 62 | 15.732 | 2147 | 2152 | 2156 | rBV | 1633761 | 2132698 | 15.62% | 0.720% |
| 63 | 15.808 | 2156 | 2165 | 2167 | rBV6 | 628348 | 1860679 | 13.63% | 0.628% |
| 64 | 15.932 | 2182 | 2186 | 2190 | rVV3 | 710426 | 1189660 | 8.71% | 0.401% |
| 65 | 16.031 | 2198 | 2203 | 2209 | rBV3 | 1114803 | 2019574 | 14.79% | 0.681% |
| 66 | 16.190 | 2225 | 2230 | 2239 | rVB2 | 2972850 | 6128196 | 44.88% | 2.068% |
| 67 | 16.337 | 2249 | 2255 | 2264 | rVV6 | 1580869 | 4562436 | 33.41% | 1.539% |
| 68 | 16.507 | 2279 | 2284 | 2285 | rBV3 | 1606173 | 2338039 | 17.12% | 0.789% |
| 69 | 16.578 | 2291 | 2296 | 2302 | rBV3 | 2215512 | 4062600 | 29.75% | 1.371% |
| 70 | 16.678 | 2310 | 2313 | 2317 | rVB | 1190995 | 1524096 | 11.16% | 0.514% |
| 71 | 16.731 | 2317 | 2322 | 2326 | rBV4 | 878338 | 2196862 | 16.09% | 0.741% |
| 72 | 16.954 | 2354 | 2360 | 2361 | rVV6 | 534592 | 1132817 | 8.30% | 0.382% |
| 73 | 16.983 | 2361 | 2365 | 2369 | rVV3 | 1277353 | 2052838 | 15.03% | 0.693% |
| 74 | 17.030 | 2369 | 2373 | 2378 | rVV6 | 737161 | 1363664 | 9.99% | 0.460% |
| 75 | 17.218 | 2400 | 2405 | 2409 | rBV2 | 2013270 | 3255384 | 23.84% | 1.098% |
| 76 | 17.265 | 2409 | 2413 | 2419 | rVV | 4185063 | 6298719 | 46.13% | 2.125% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

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_G\Methods\SFAM-EPA-BG120624.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.353 | 2424 | 2428 | 2431 | rVV | 1201081 | 1562052 | 11.44% | 0.527% |
| 78 | 17.418 | 2431 | 2439 | 2443 | rVV2 | 1122988 | 2694747 | 19.74% | 0.909% |
| 79 | 17.635 | 2471 | 2476 | 2480 | rBV4 | 1030498 | 1865874 | 13.66% | 0.630% |
| 80 | 17.718 | 2486 | 2490 | 2496 | rVB2 | 1168214 | 1675622 | 12.27% | 0.565% |
| 81 | 18.100 | 2550 | 2555 | 2559 | rBV | 3736556 | 5309601 | 38.89% | 1.791% |
| 82 | 18.147 | 2559 | 2563 | 2571 | rVB | 4161389 | 6643816 | 48.66% | 2.242% |
| 83 | 18.229 | 2572 | 2577 | 2583 | rBV2 | 1940189 | 4084256 | 29.91% | 1.378% |
| 84 | 18.288 | 2583 | 2587 | 2592 | rVV4 | 1475195 | 3636306 | 26.63% | 1.227% |
| 85 | 18.329 | 2592 | 2594 | 2600 | rVB | 1474482 | 1950949 | 14.29% | 0.658% |
| 86 | 18.411 | 2604 | 2608 | 2613 | rBV | 1691362 | 2236756 | 16.38% | 0.755% |
| 87 | 18.599 | 2636 | 2640 | 2645 | rVB | 1086598 | 1485538 | 10.88% | 0.501% |
| 88 | 18.846 | 2679 | 2682 | 2685 | rVV | 1619616 | 2211556 | 16.20% | 0.746% |
| 89 | 18.899 | 2688 | 2691 | 2694 | rVV | 1697298 | 2317736 | 16.97% | 0.782% |
| 90 | 18.934 | 2695 | 2697 | 2701 | rVB | 899790 | 1112825 | 8.15% | 0.375% |
| 91 | 19.022 | 2708 | 2712 | 2714 | rBV2 | 1499978 | 2196486 | 16.09% | 0.741% |
| 92 | 19.051 | 2714 | 2717 | 2720 | rVB | 1199770 | 1421756 | 10.41% | 0.480% |
| 93 | 19.157 | 2731 | 2735 | 2742 | rBV | 926306 | 1611993 | 11.81% | 0.544% |
| 94 | 19.281 | 2752 | 2756 | 2760 | rBV2 | 2498645 | 3428898 | 25.11% | 1.157% |
| 95 | 19.381 | 2770 | 2773 | 2777 | rBV2 | 1159236 | 1530566 | 11.21% | 0.516% |
| 96 | 19.627 | 2812 | 2815 | 2821 | rBV4 | 1578138 | 3025330 | 22.16% | 1.021% |
| 97 | 19.804 | 2841 | 2845 | 2847 | rBV2 | 1192972 | 1798350 | 13.17% | 0.607% |
| 98 | 20.168 | 2904 | 2907 | 2910 | rVB | 1491612 | 1668980 | 12.22% | 0.563% |
| 99 | 20.344 | 2934 | 2937 | 2942 | rVB4 | 1329192 | 2089282 | 15.30% | 0.705% |
| 100 | 21.319 | 3100 | 3103 | 3110 | rBV2 | 2016153 | 3183269 | 23.31% | 1.074% |

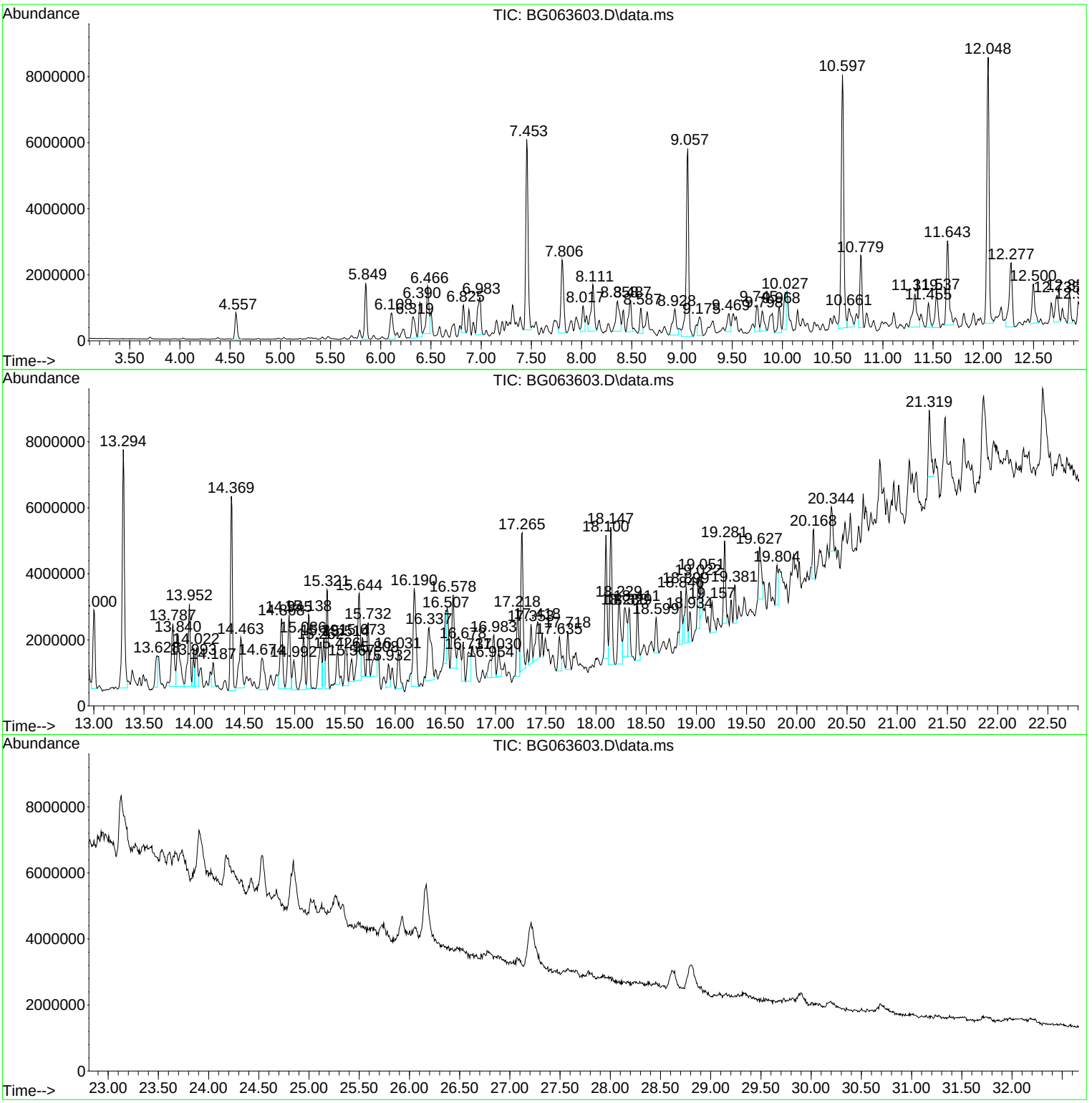
Sum of corrected areas: 296391682

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

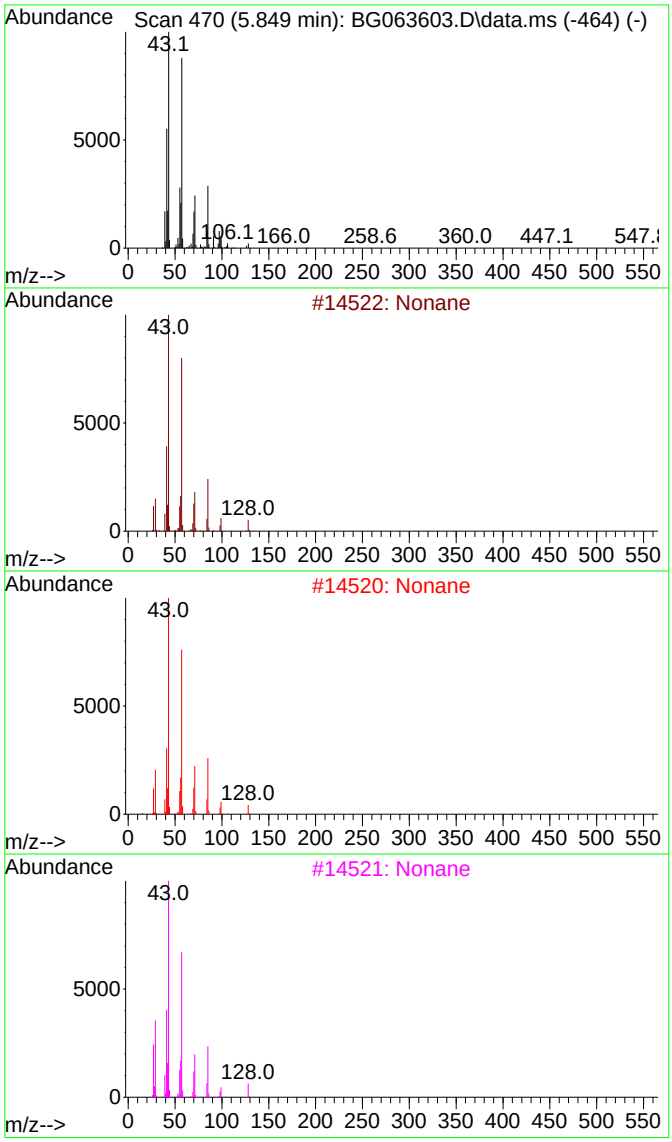
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

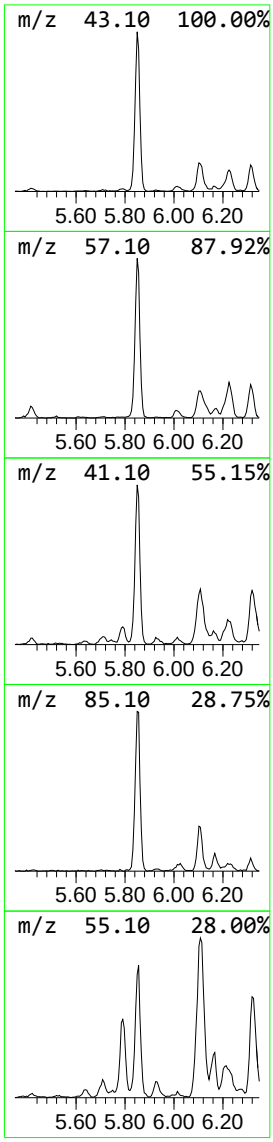
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.849 | 12.15 ng/ul | 2536420 | 1,4-Dichlorobenzene-d4 | 7.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 91 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 3 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 4 | Carbonic acid, decyl prop-1-en-2... | 242 | C14H26O3 | 1000382-90-5 | 83 |
| 5 | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

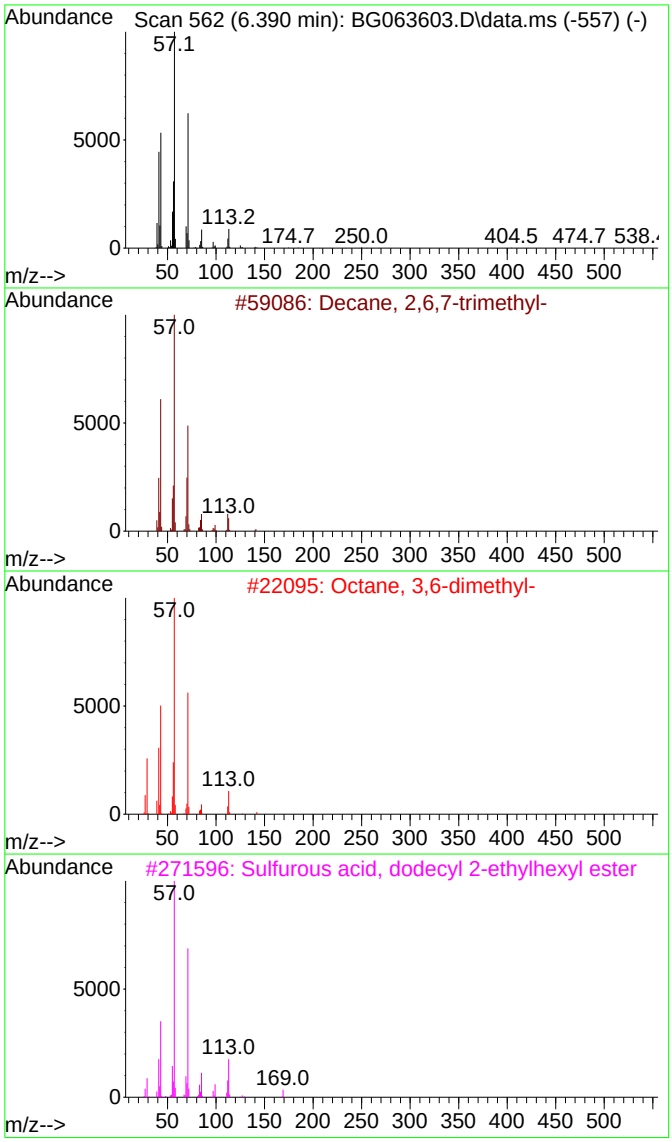
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

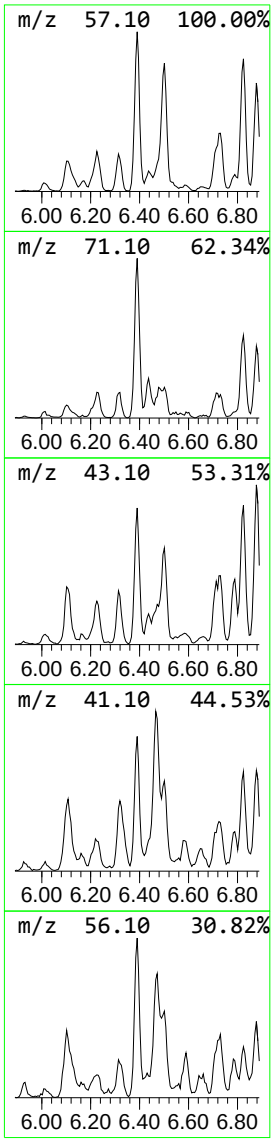
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Decane, 2,6,7-trimethyl- Concentration Rank 61

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.390 | 7.36 ng/ul | 1536750 | 1,4-Dichlorobenzene-d4 | 7.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2,6,7-trimethyl- | 184 | C13H28 | 062108-25-2 | 86 |
| 2 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 80 |
| 3 | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 80 |
| 4 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 78 |
| 5 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

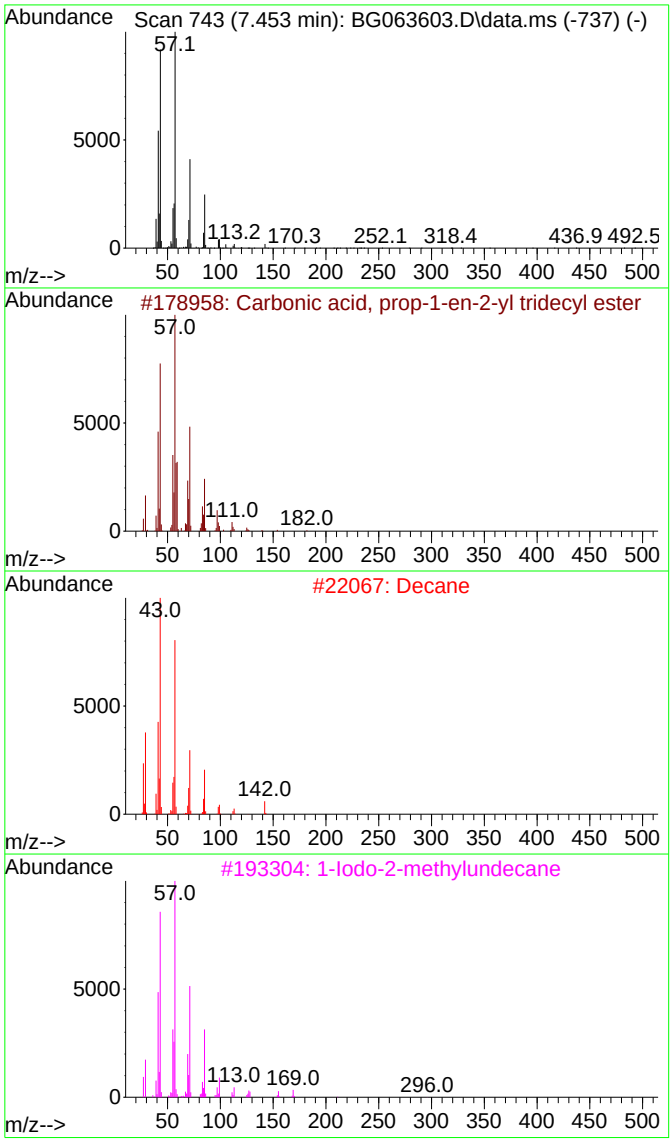
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

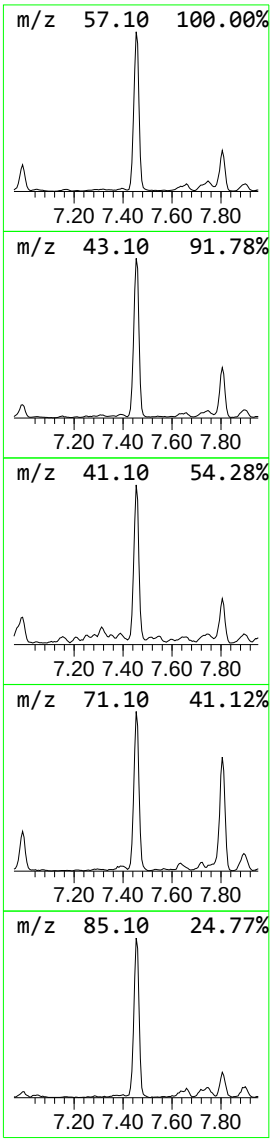
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Carbonic acid, prop-1-en-2-... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.453 | 43.69 ng/ul | 9120720 | 1,4-Dichlorobenzene-d4 | 7.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 90 |
| 2 | Decane | 142 | C10H22 | 000124-18-5 | 83 |
| 3 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 83 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 80 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

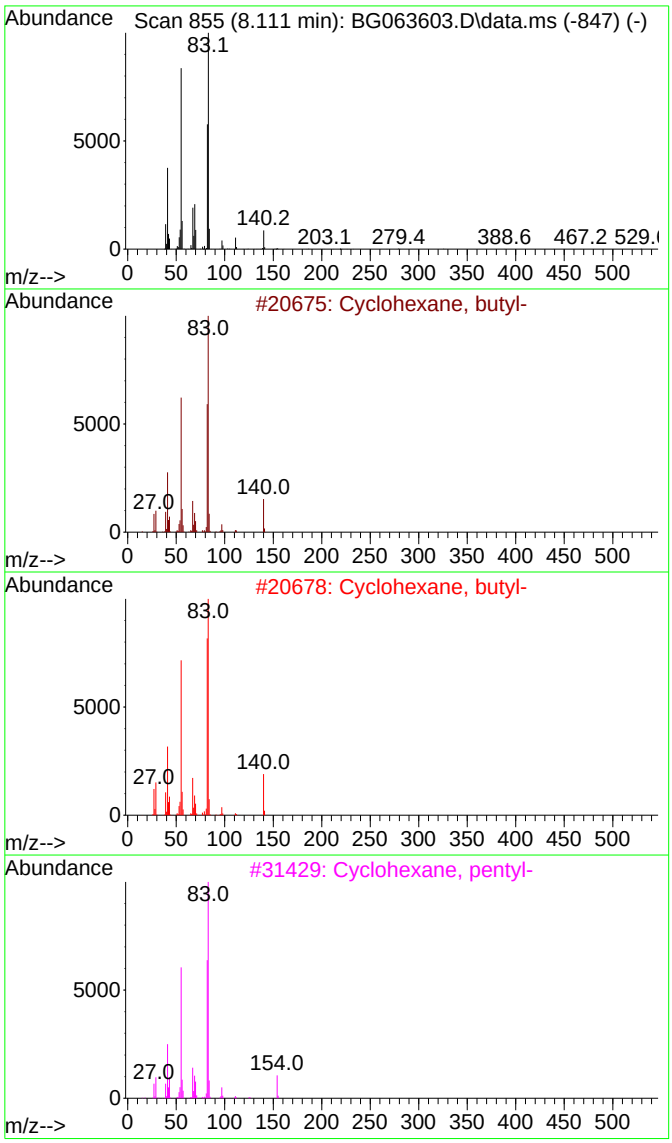
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

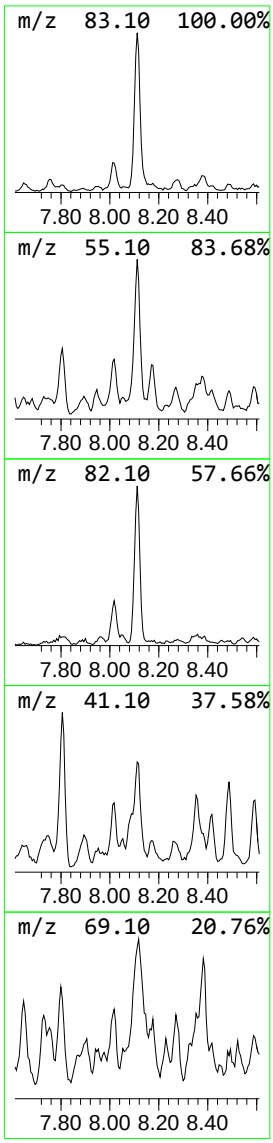
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Cyclic8.111 Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.111 | 14.81 ng/ul | 3092190 | 1,4-Dichlorobenzene-d4 | 7.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 91 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 91 |
| 3 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 91 |
| 4 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 91 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

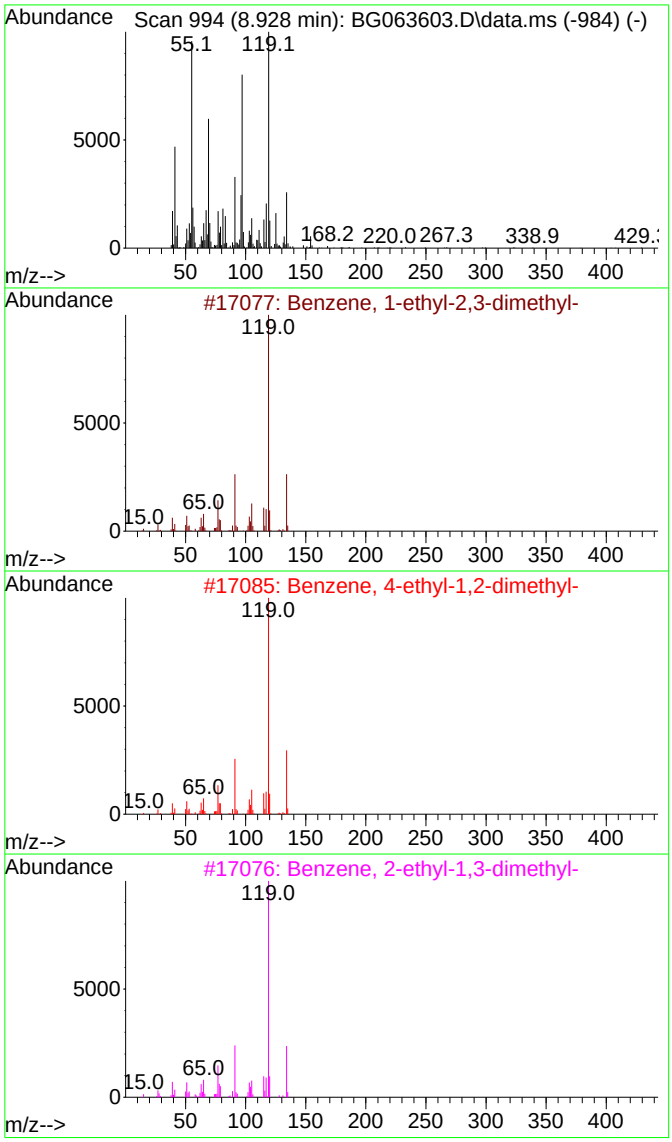
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

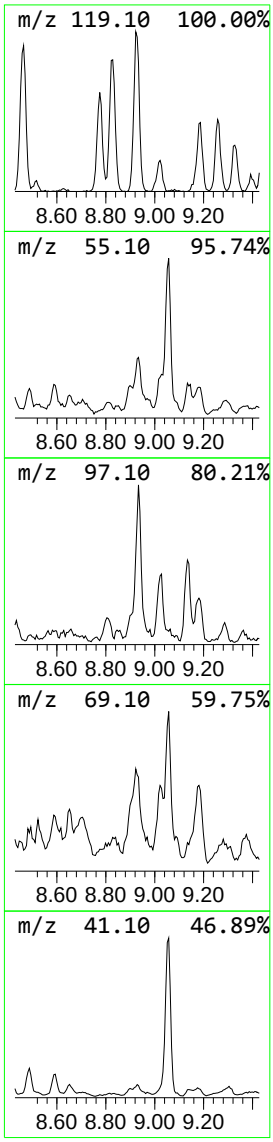
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.928 | 9.98 ng/ul | 2083500 | 1,4-Dichlorobenzene-d4 | 7.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 86 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 84 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 83 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 46 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

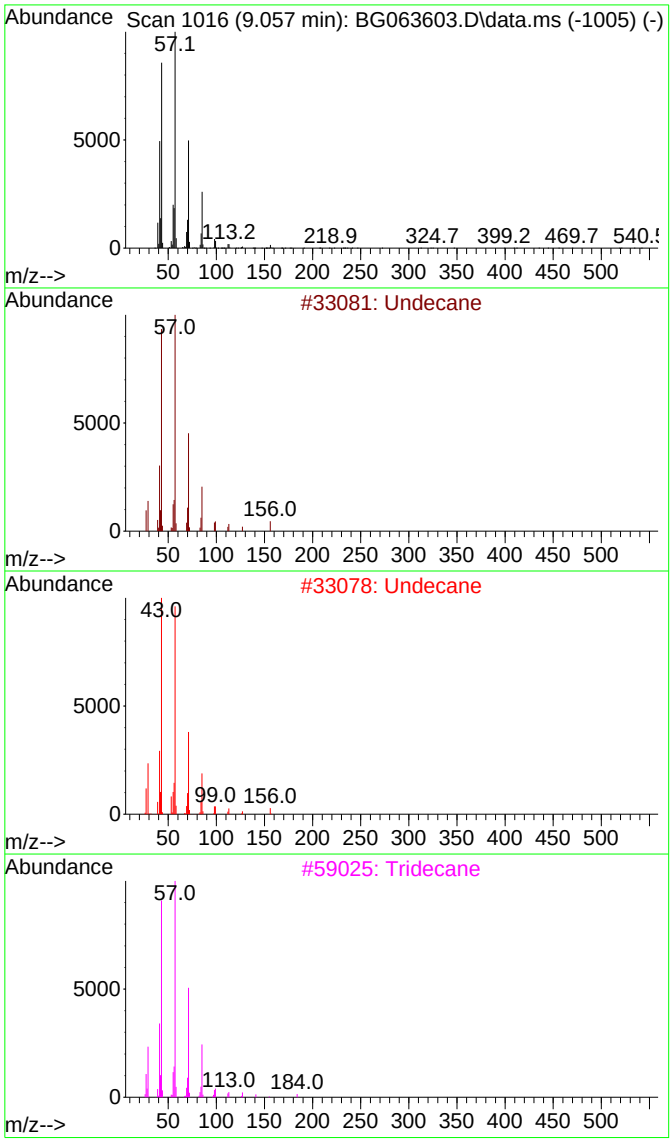
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

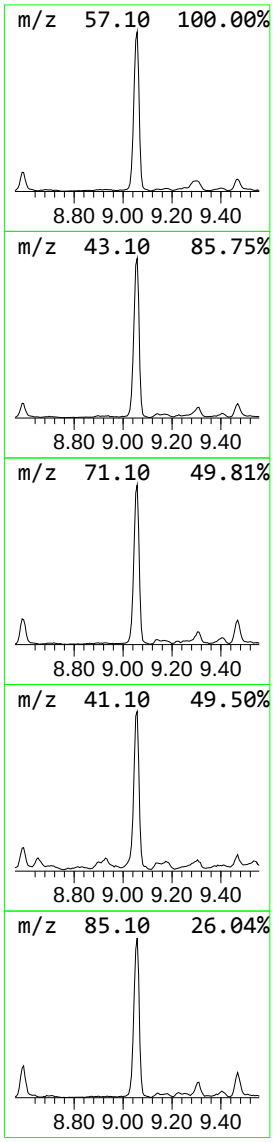
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.057 | 46.54 ng/ul | 9716610 | 1,4-Dichlorobenzene-d4 | 7.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 72 |
| 5 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

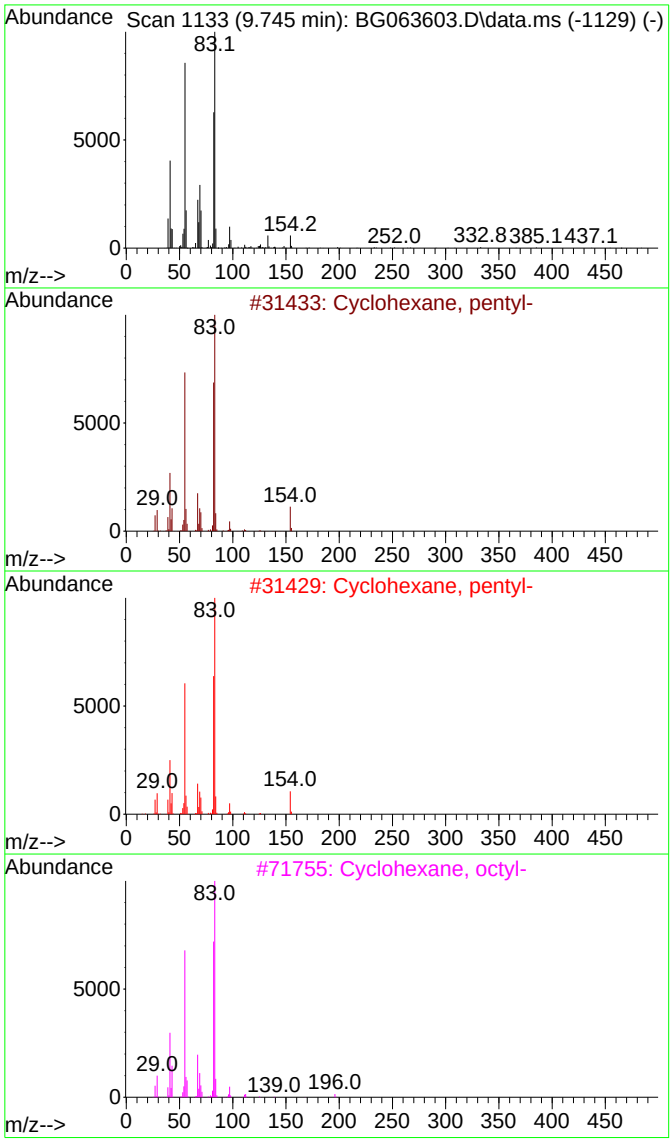
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

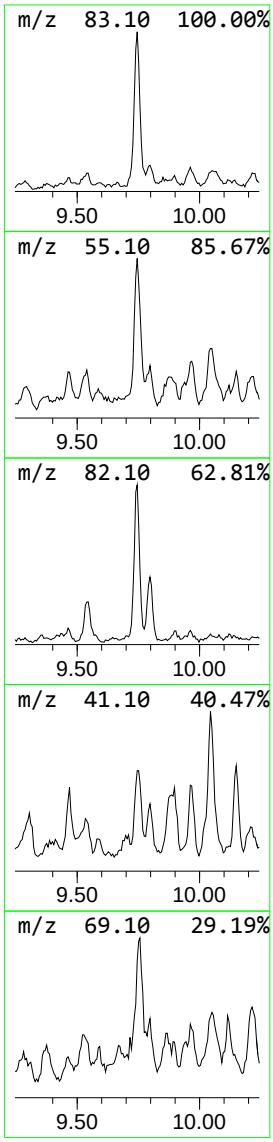
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 (DEL) Alkane: Cyclic9.745 Concentration Rank 76

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.745 | 2.13 ng/ul | 1452170 | Naphthalene-d8 | 10.614 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 87 |
| 2 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 87 |
| 3 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 72 |
| 4 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 72 |
| 5 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

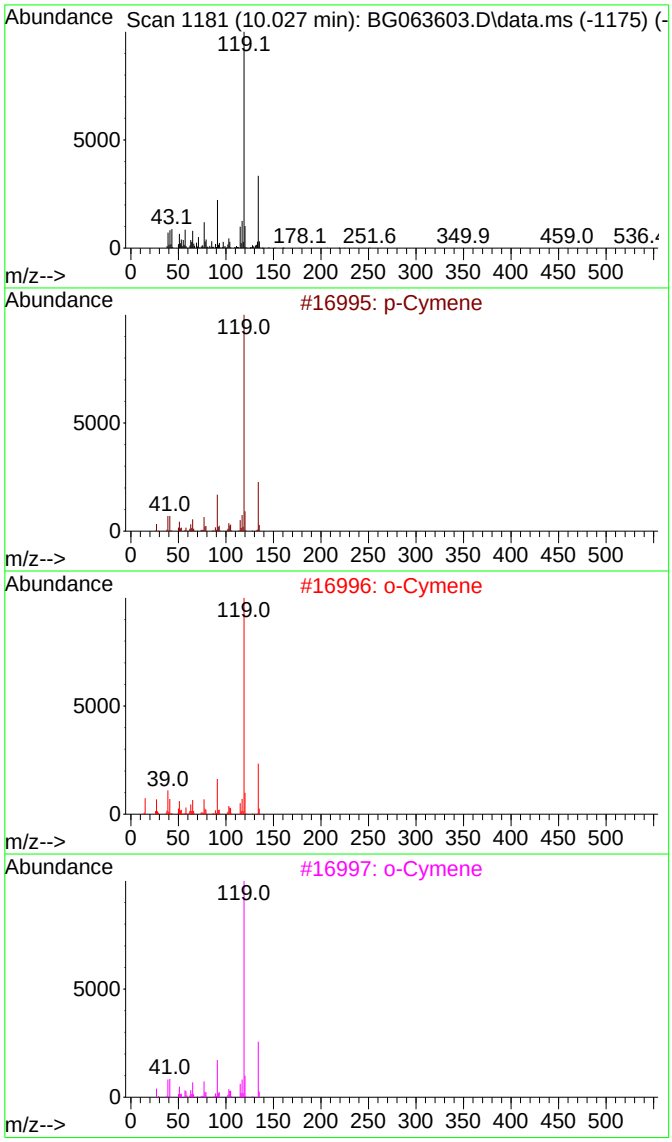
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

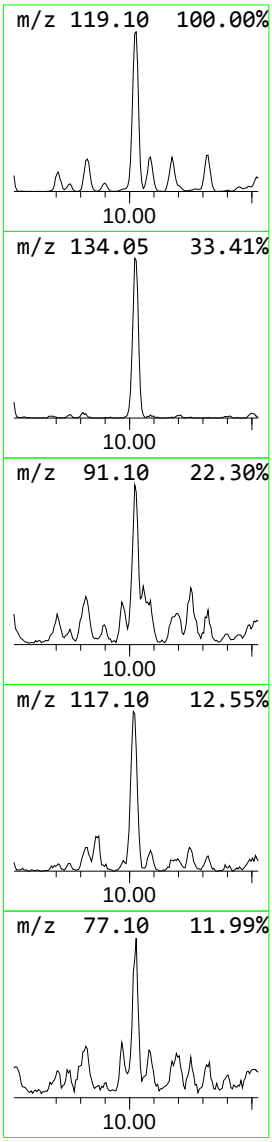
**********

Peak Number 17 p-Cymene Concentration Rank 75

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.027 | 3.02 ng/ul | 2059800 | Naphthalene-d8 | 10.614 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

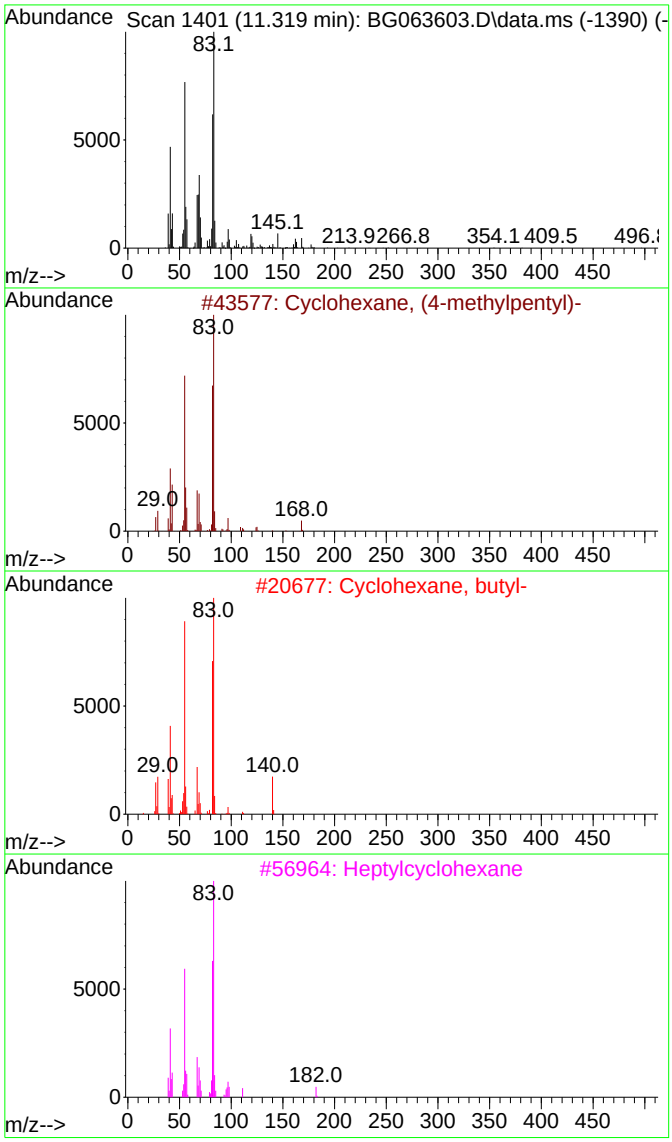
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

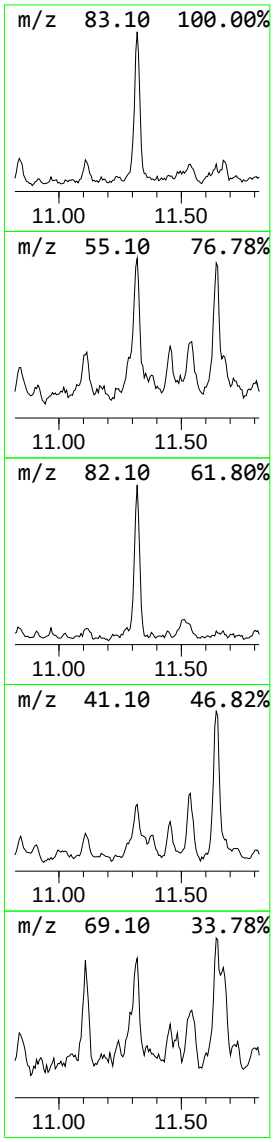
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 (DEL) Alkane: Cyclic11.319 Concentration Rank 73

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.319 | 4.31 ng/ul | 2943220 | Naphthalene-d8 | 10.614 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (4-methylpentyl)- | 168 | C12H24 | 061142-20-9 | 87 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 64 |
| 3 | Heptylcyclohexane | 182 | C13H26 | 005617-41-4 | 64 |
| 4 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 64 |
| 5 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

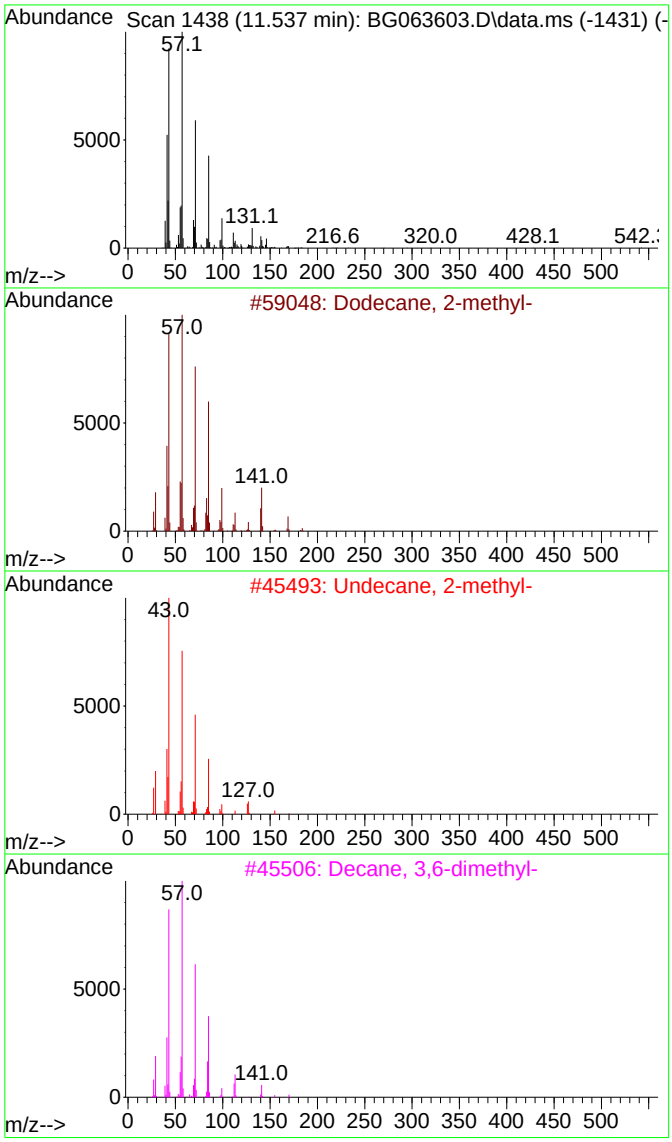
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

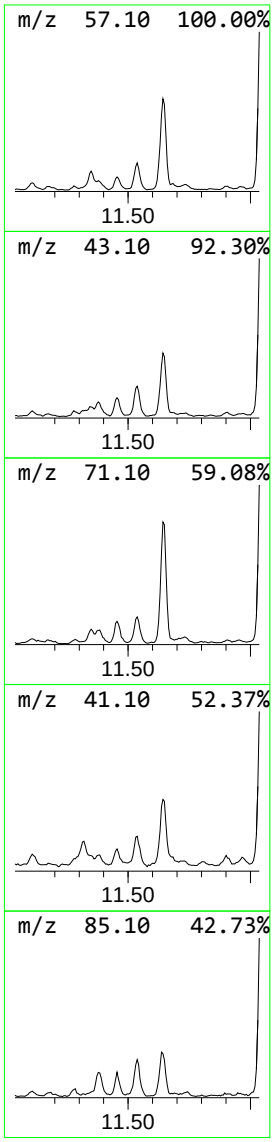
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 74

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.537 | 3.05 ng/ul | 2082340 | Naphthalene-d8 | 10.614 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 87 |
| 2 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 59 |
| 3 | Decane, 3,6-dimethyl- | 170 | C12H26 | 017312-53-7 | 59 |
| 4 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 53 |
| 5 | Decane, 1-iodo- | 268 | C10H21I | 002050-77-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

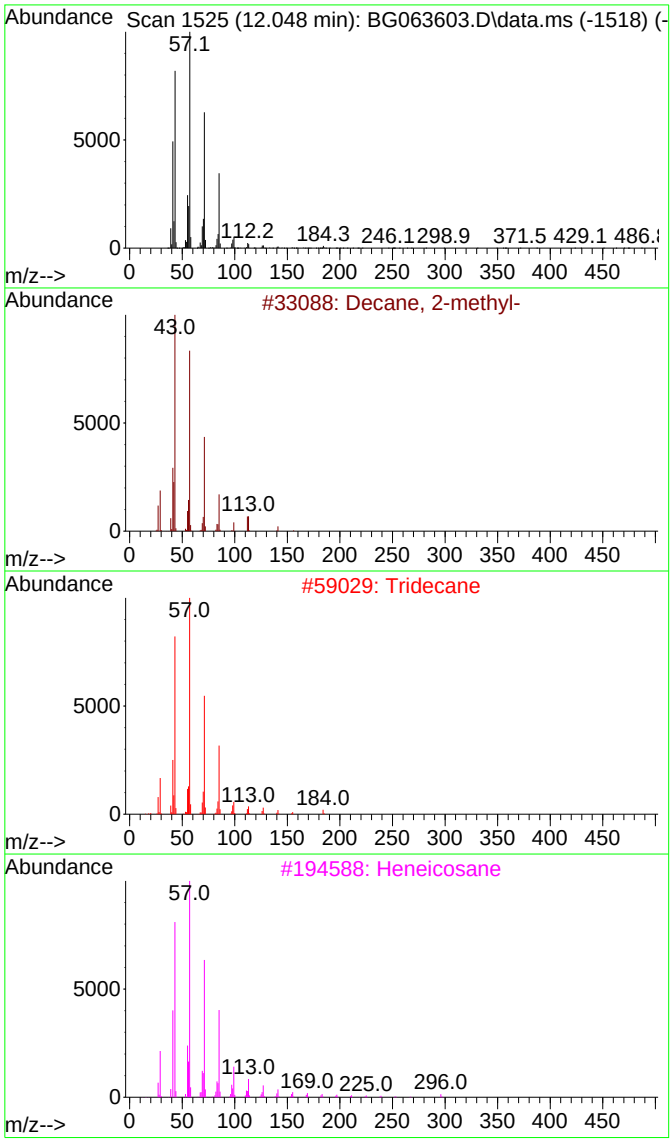
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

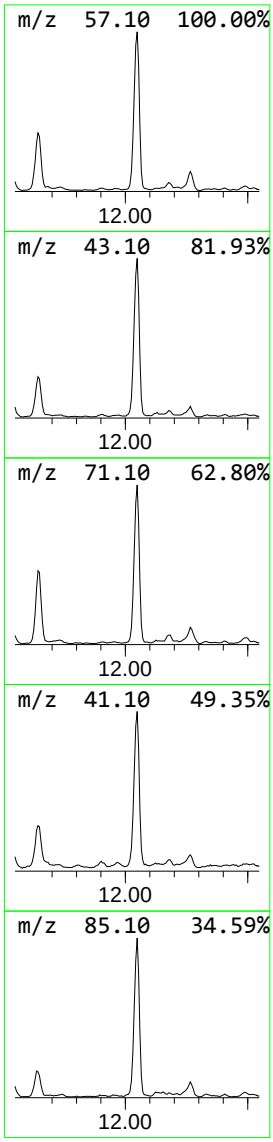
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.048 | 18.48 ng/ul | 12620100 | Naphthalene-d8 | 10.614 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 91 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 83 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 83 |
| 5 | Decane, 3,6-dimethyl- | 170 | C12H26 | 017312-53-7 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

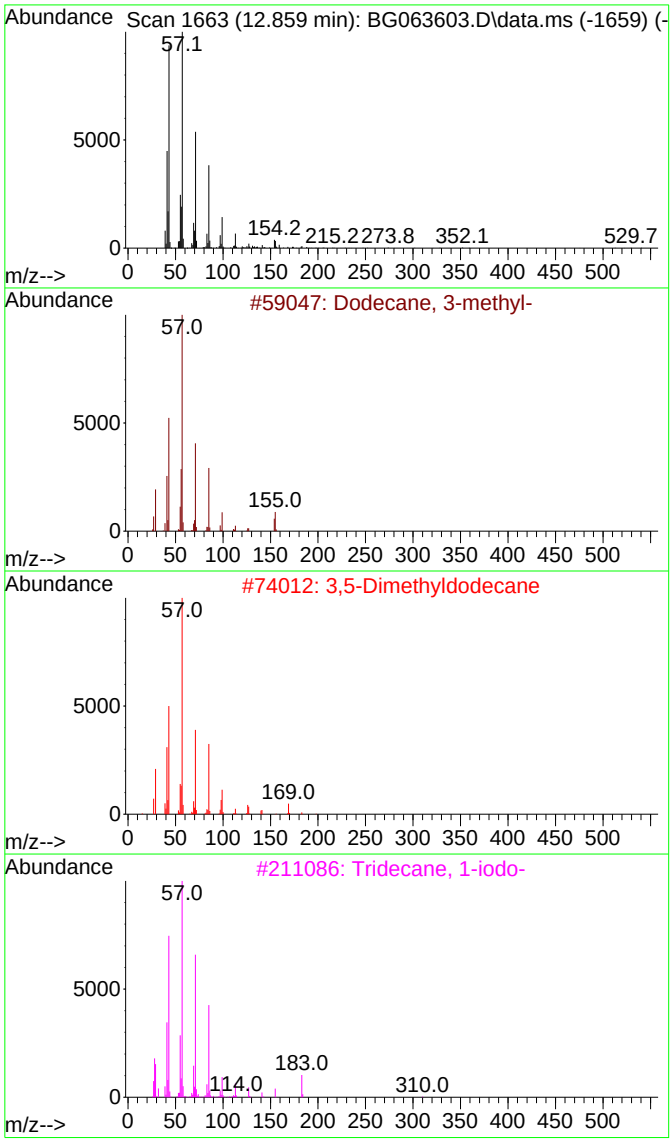
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

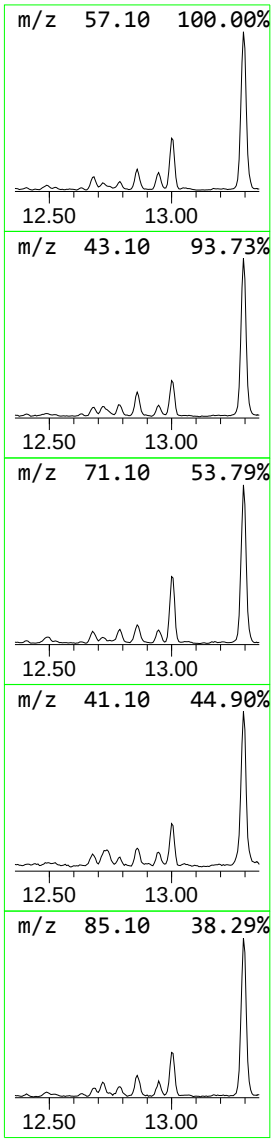
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.859 | 7.71 ng/ul | 1296140 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 3-methyl- | 184 | C13H28 | 017312-57-1 | 90 |
| 2 | 3,5-Dimethyldodecane | 198 | C14H30 | 107770-99-0 | 86 |
| 3 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 80 |
| 4 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 80 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

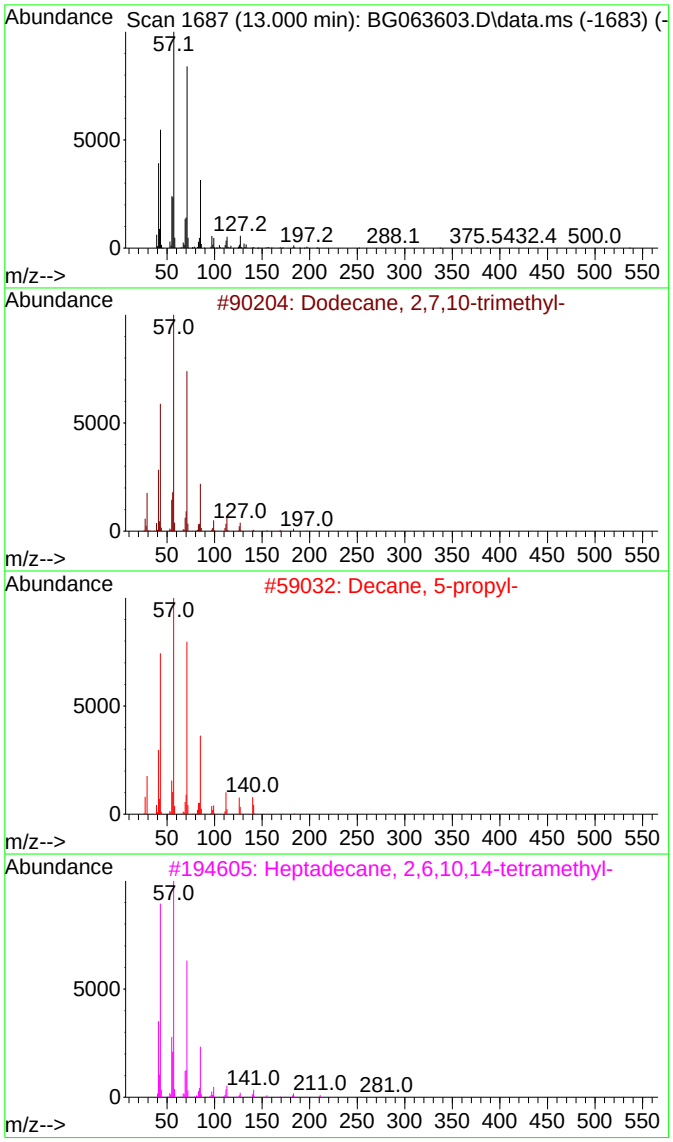
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

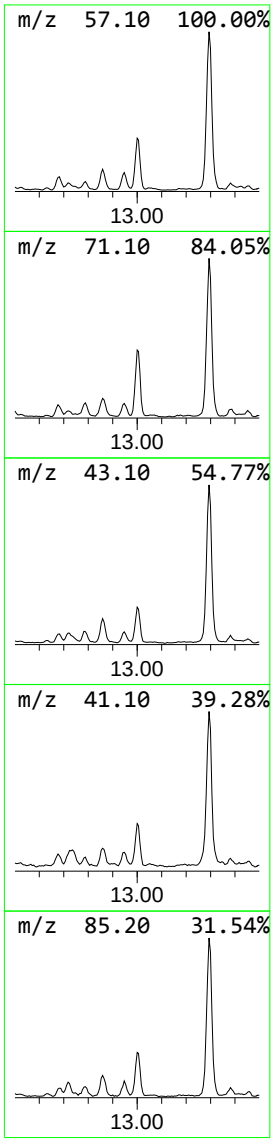
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.000 | 20.58 ng/ul | 3459350 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 90 |
| 2 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 87 |
| 3 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 83 |
| 4 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 72 |
| 5 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

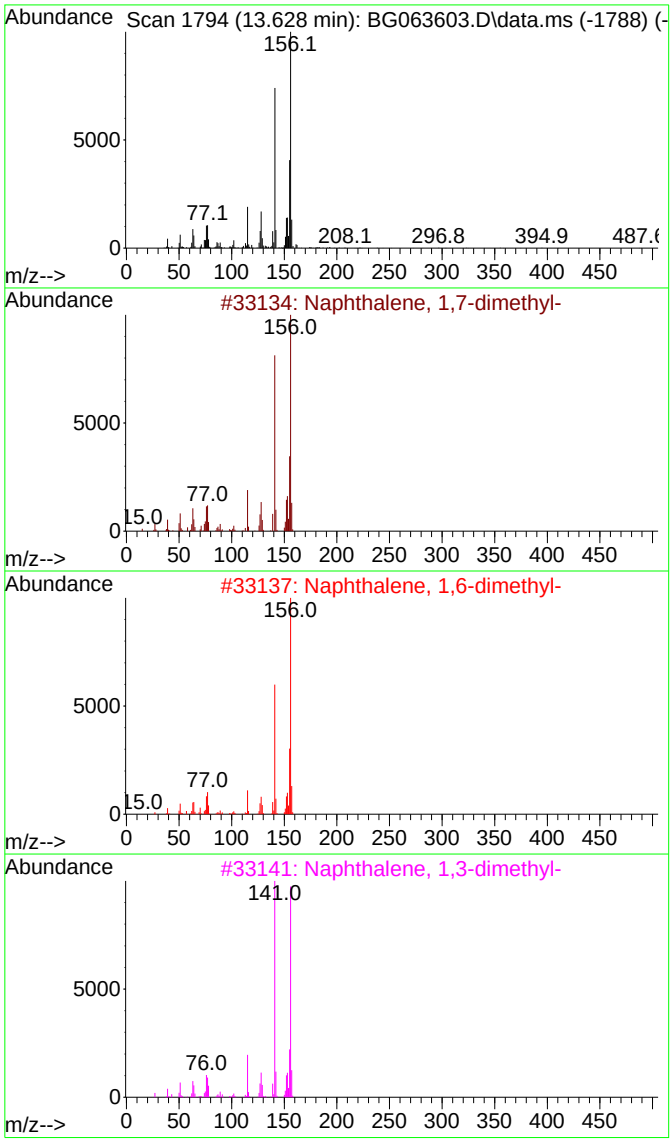
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

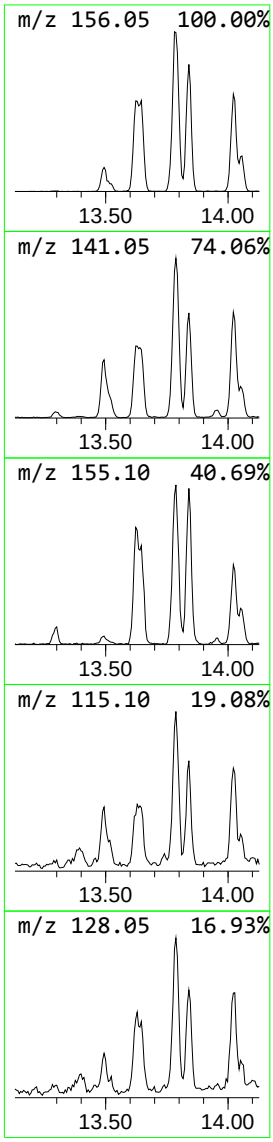
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Naphthalene, 1,7-dimethyl- Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.628 | 9.01 ng/ul | 1514180 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

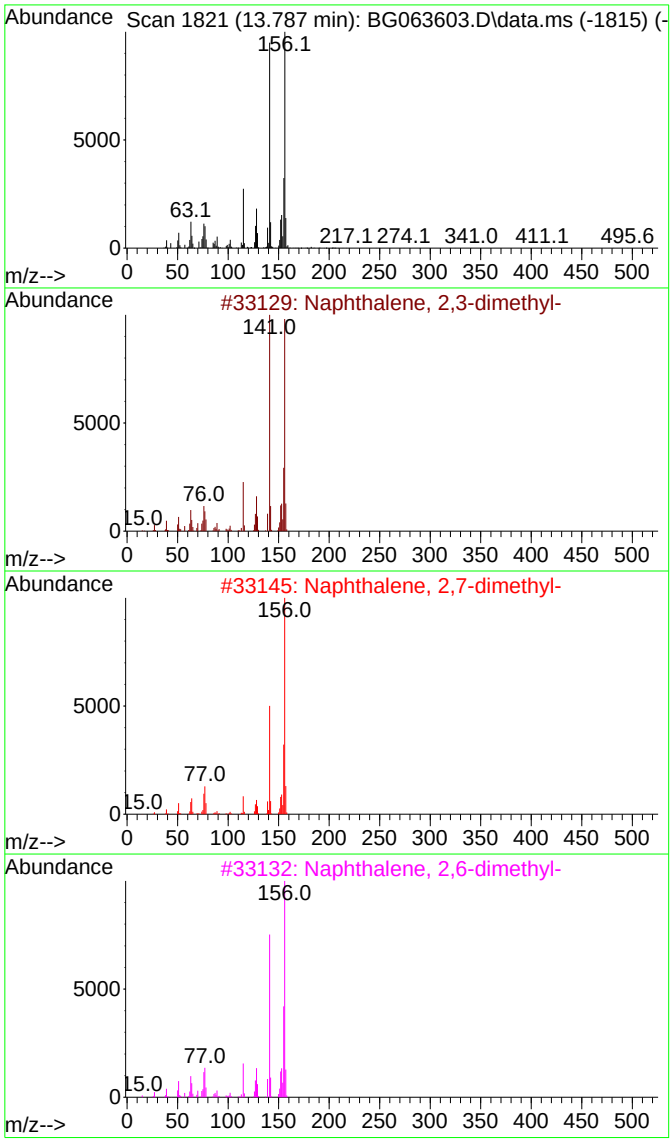
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

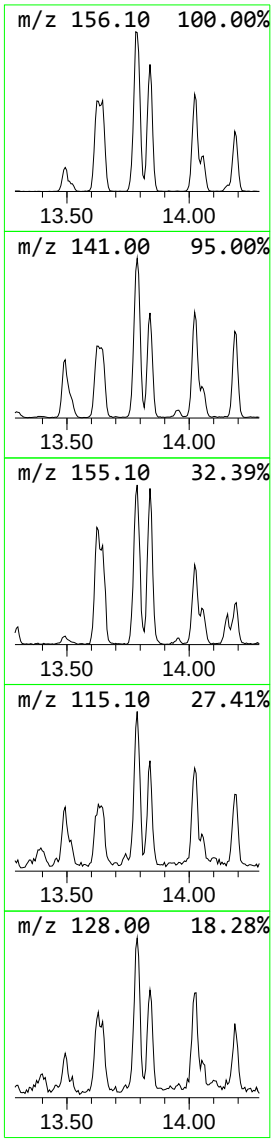
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Naphthalene, 2,3-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.787 | 22.27 ng/ul | 3742290 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

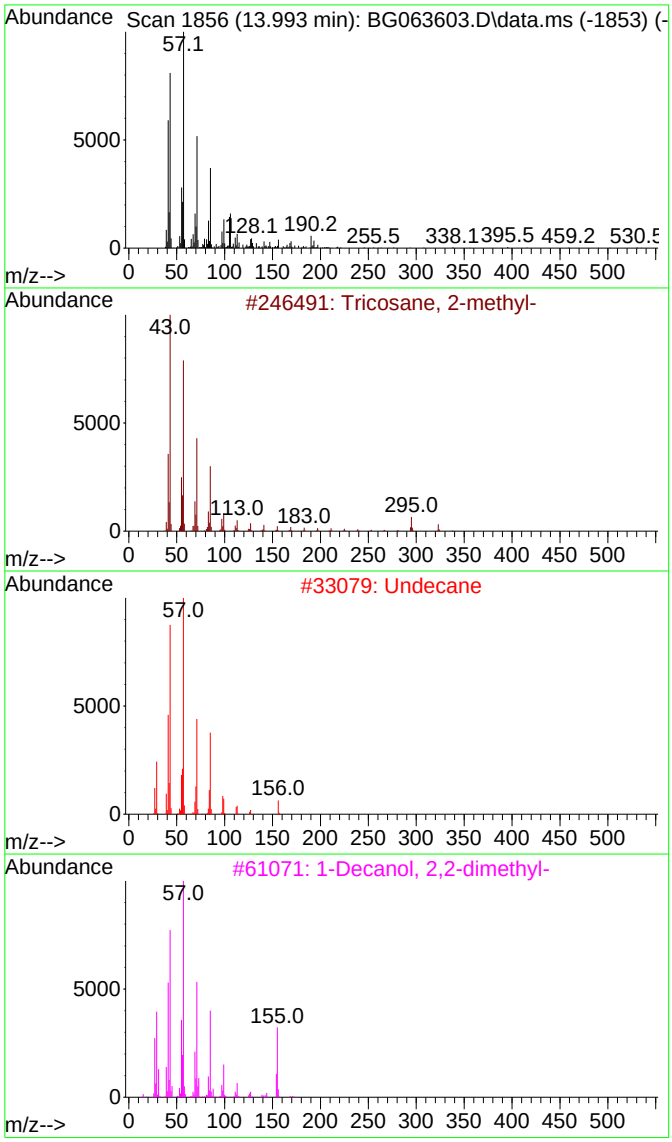
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

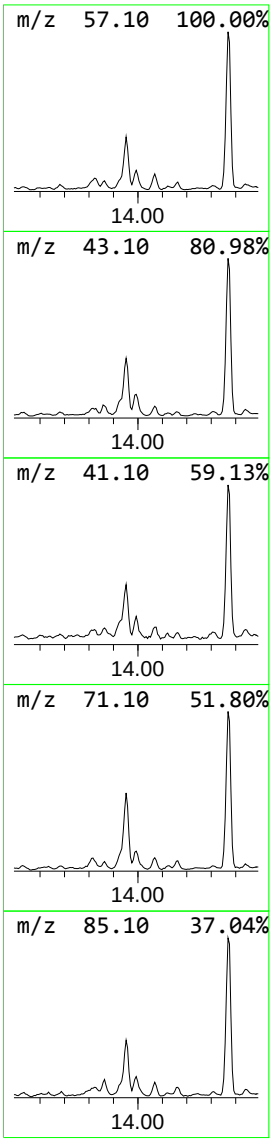
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 66

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.993 | 6.86 ng/ul | 1152980 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane, 2-methyl- | 338 | C24H50 | 001928-30-9 | 90 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 83 |
| 3 | 1-Decanol, 2,2-dimethyl- | 186 | C12H26O | 002370-15-2 | 80 |
| 4 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 76 |
| 5 | Methoxyacetic acid, 2-tetradecyl... | 286 | C17H34O3 | 1000282-04-8 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

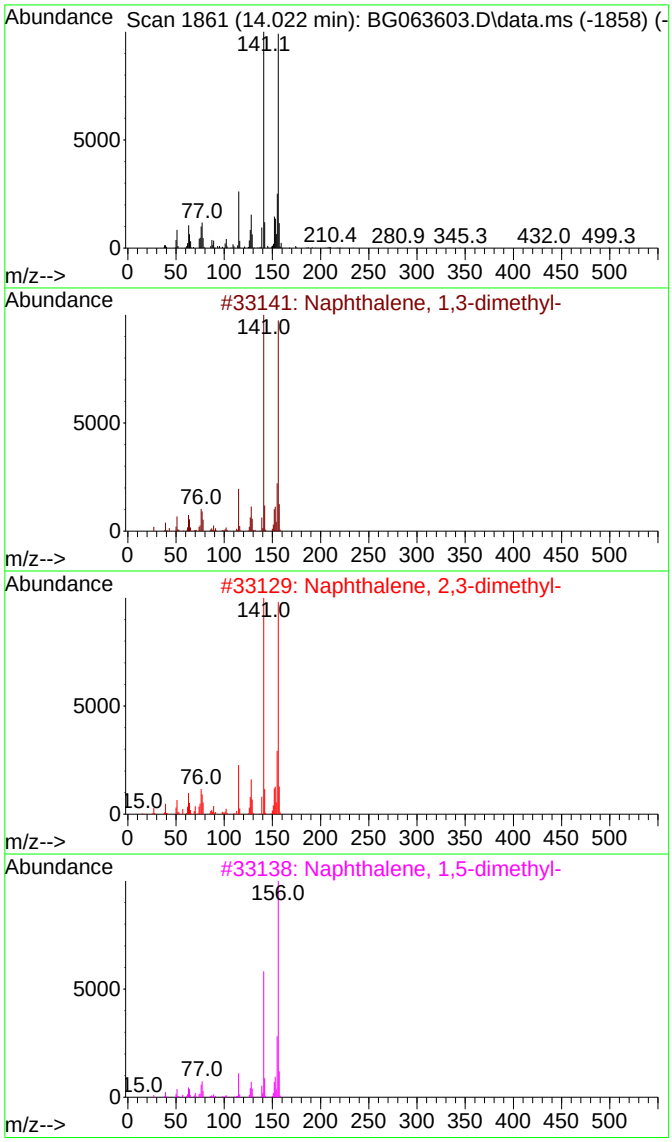
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

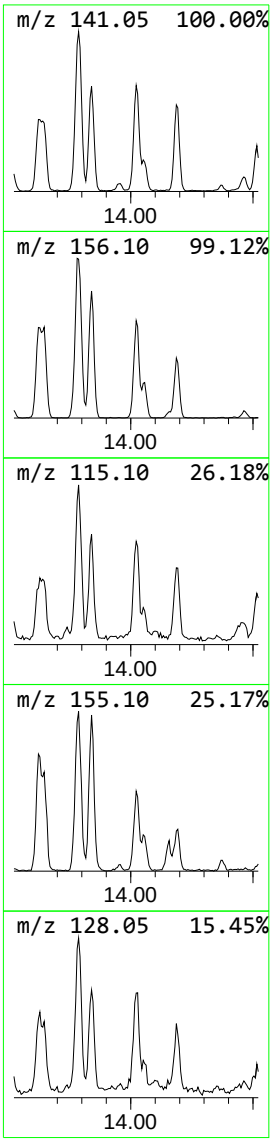
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Naphthalene, 1,3-dimethyl- Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.022 | 10.91 ng/ul | 1833280 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 98 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 3 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 4 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

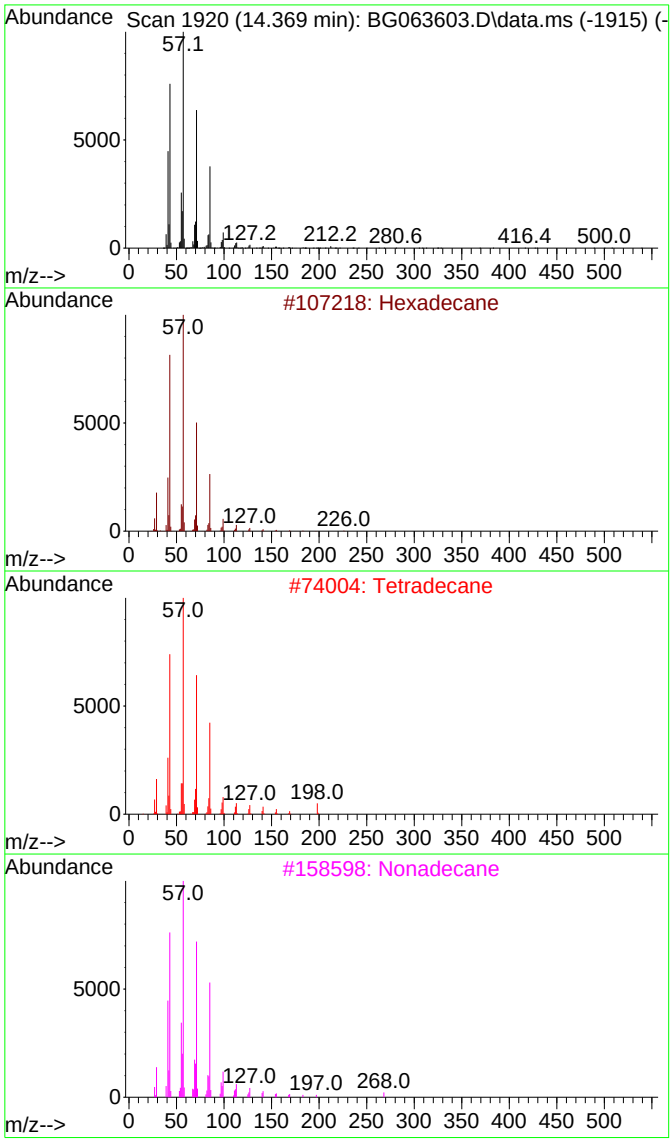
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

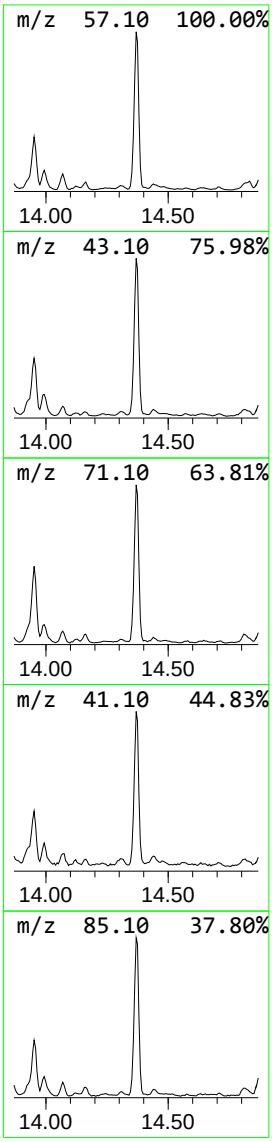
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.369 | 47.90 ng/ul | 8050820 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |
| 4 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 81 |
| 5 | Carbonic acid, nonyl vinyl ester | 214 | C12H22O3 | 1000383-25-6 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

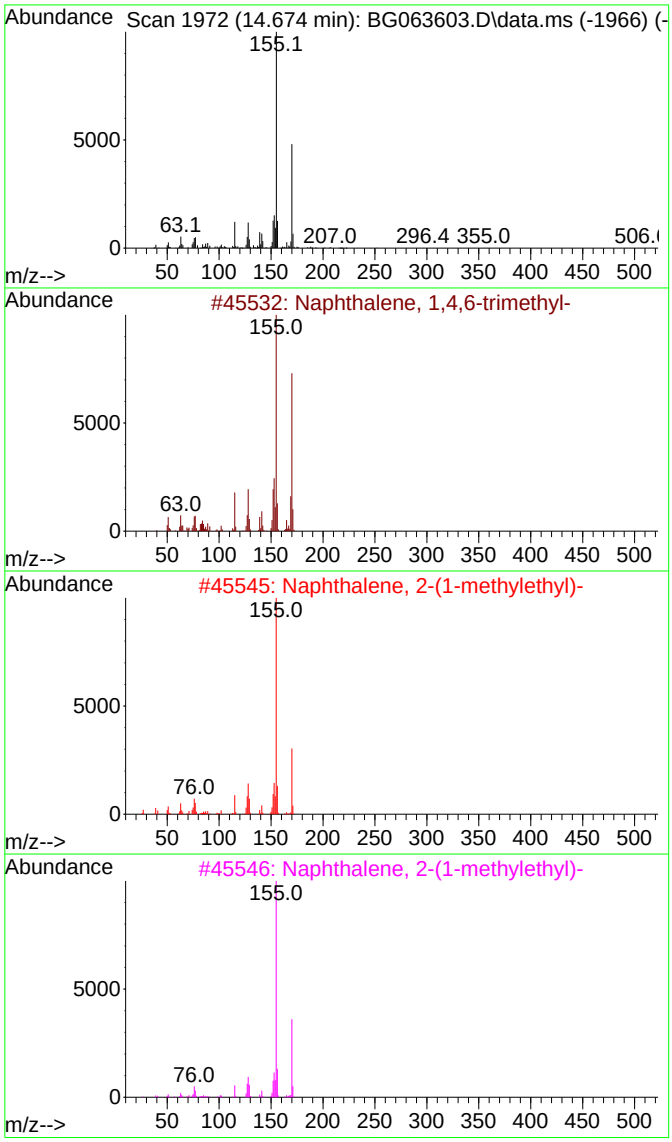
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

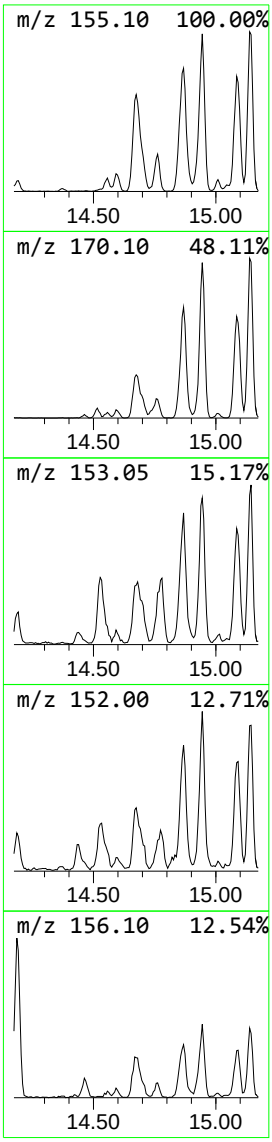
**********

Peak Number 32 Naphthalene, 1,4,6-trimethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.674 | 14.92 ng/ul | 2508030 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 93 |
| 2 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 91 |
| 3 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 91 |
| 4 | Ethanone, 1-(5-chloro-2-hydroxyp... | 170 | C8H7ClO2 | 001450-74-4 | 72 |
| 5 | 2-Naphthyl methyl ketone | 170 | C12H10O | 000093-08-3 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

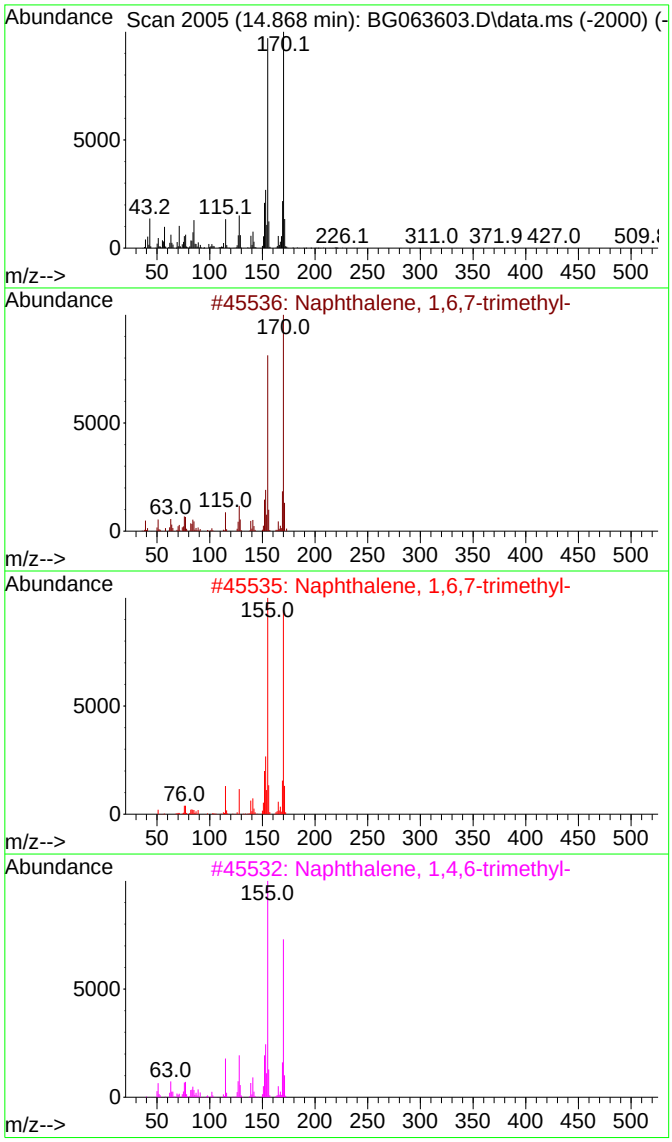
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

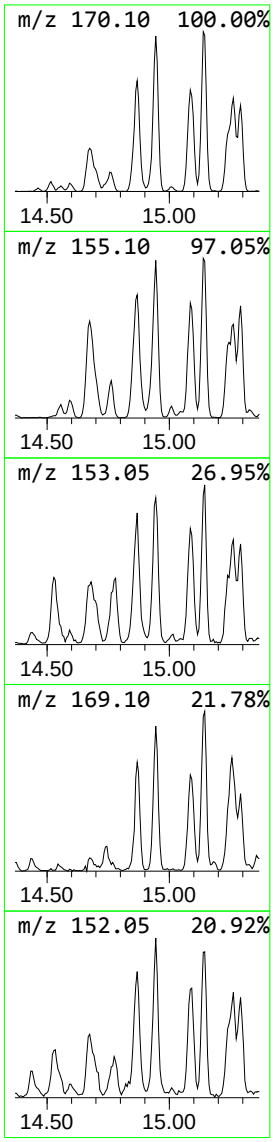
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.868 | 21.77 ng/ul | 3658450 | Acenaphthene-d10 | 14.463 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

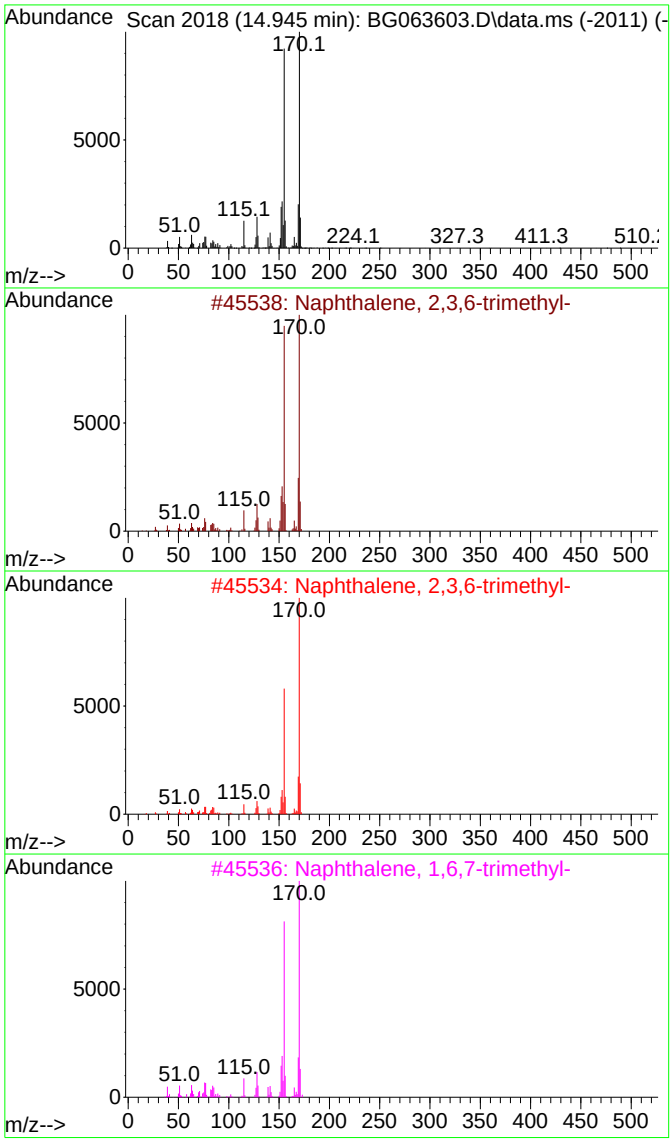
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

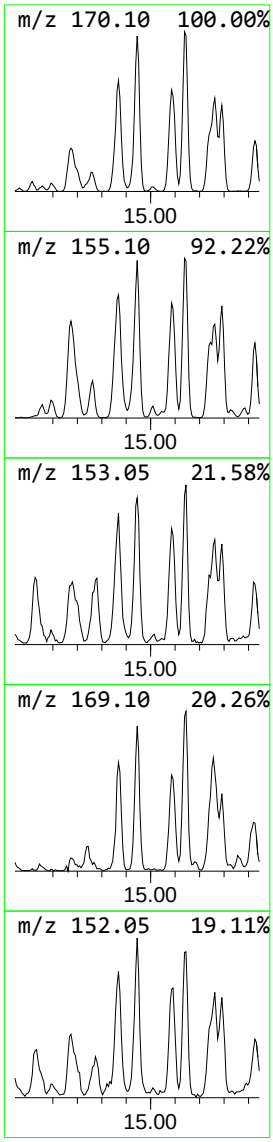
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.945 | 22.95 ng/ul | 3857350 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 98 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 5 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

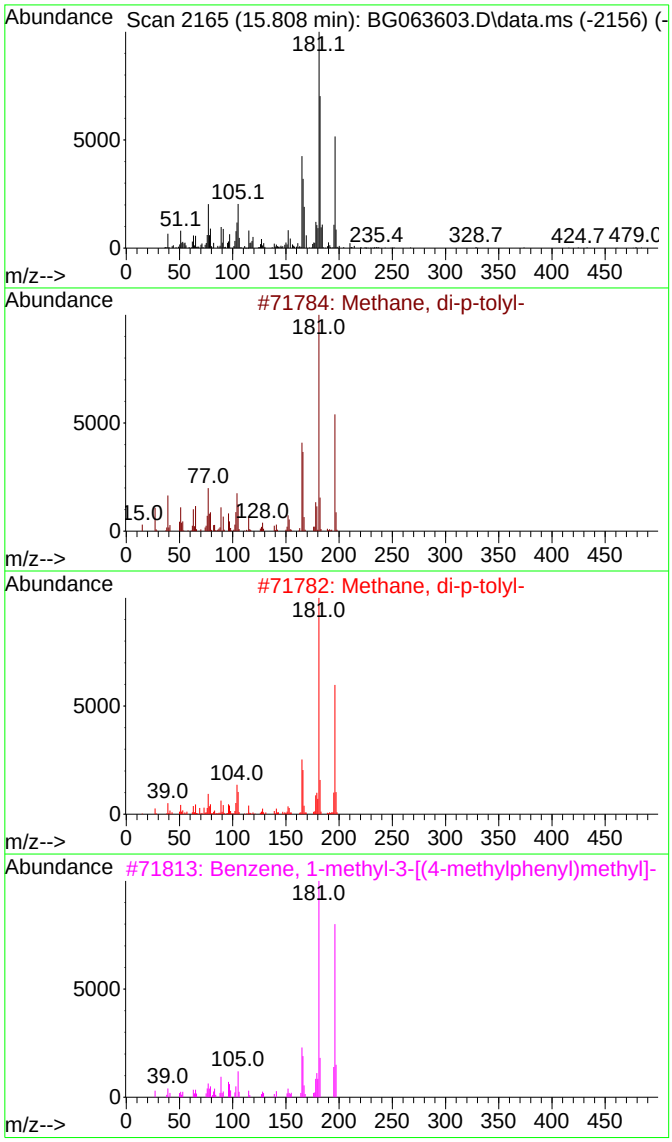
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

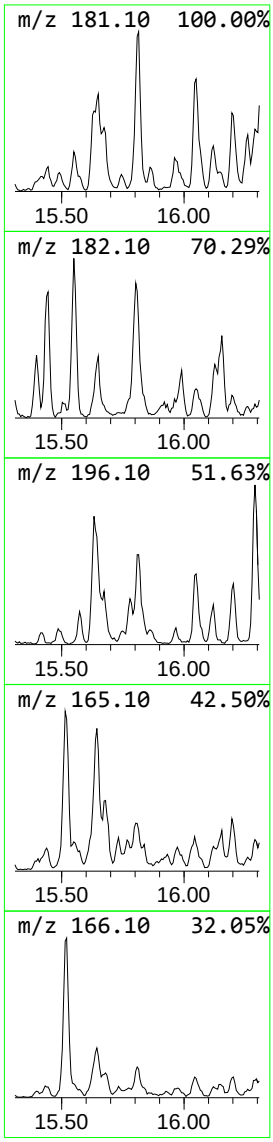
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 Methane, di-p-tolyl- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.808 | 11.07 ng/ul | 1860680 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methane, di-p-tolyl- | 196 | C15H16 | 004957-14-6 | 92 |
| 2 | Methane, di-p-tolyl- | 196 | C15H16 | 004957-14-6 | 89 |
| 3 | Benzene, 1-methyl-3-[(4-methylph... | 196 | C15H16 | 021895-16-9 | 86 |
| 4 | Benzene, 1-methyl-2-[(3-methylph... | 196 | C15H16 | 021895-13-6 | 76 |
| 5 | 1,1'-Biphenyl, 4-(1-methylethyl)- | 196 | C15H16 | 007116-95-2 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

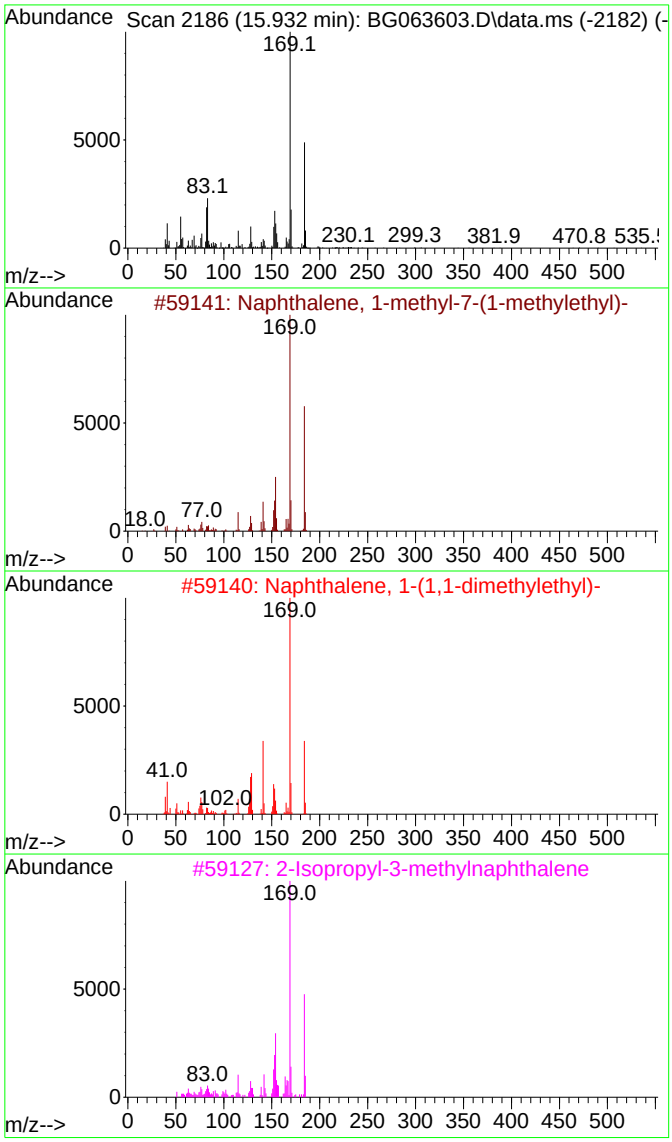
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

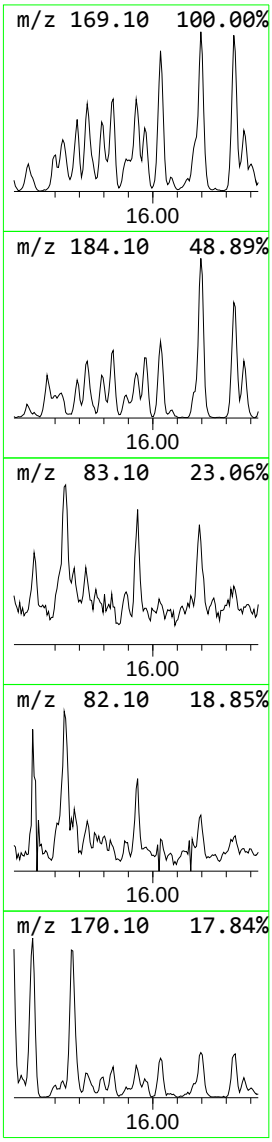
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 Naphthalene, 1-methyl-7-(1-... Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.932 | 7.31 ng/ul | 1189660 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 91 |
| 2 | Naphthalene, 1-(1,1-dimethylethyl)- | 184 | C14H16 | 017085-91-5 | 87 |
| 3 | 2-Isopropyl-3-methylnaphthalene | 184 | C14H16 | 1000383-71-2 | 64 |
| 4 | 2-Isopropyl-7-methylnaphthalene | 184 | C14H16 | 1000383-71-3 | 64 |
| 5 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

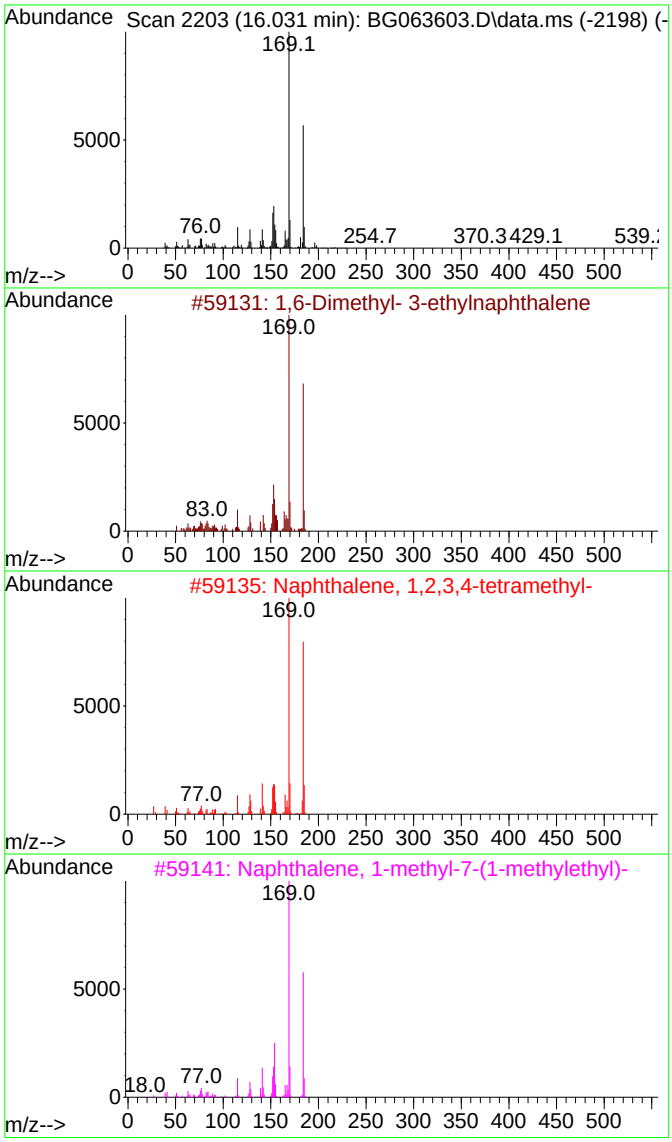
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

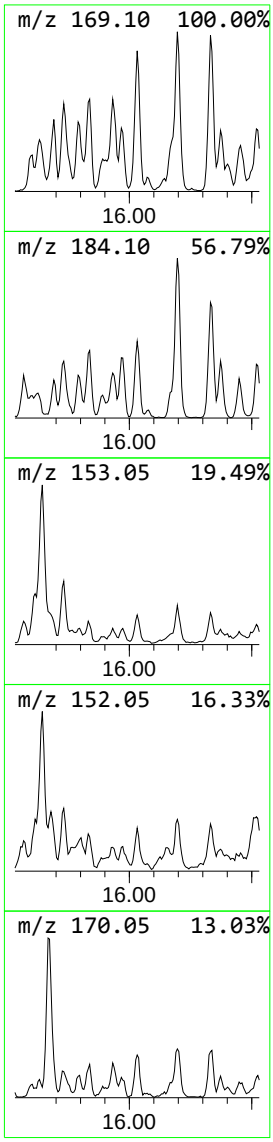
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 1,6-Dimethyl- 3-ethylnaphth... Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.032 | 12.41 ng/ul | 2019570 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,6-Dimethyl- 3-ethylnaphthalene | 184 | C14H16 | 1000383-71-8 | 94 |
| 2 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 90 |
| 3 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 90 |
| 4 | 3-Isopropyl- 1-methylnaphthalene | 184 | C14H16 | 1000383-71-4 | 87 |
| 5 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

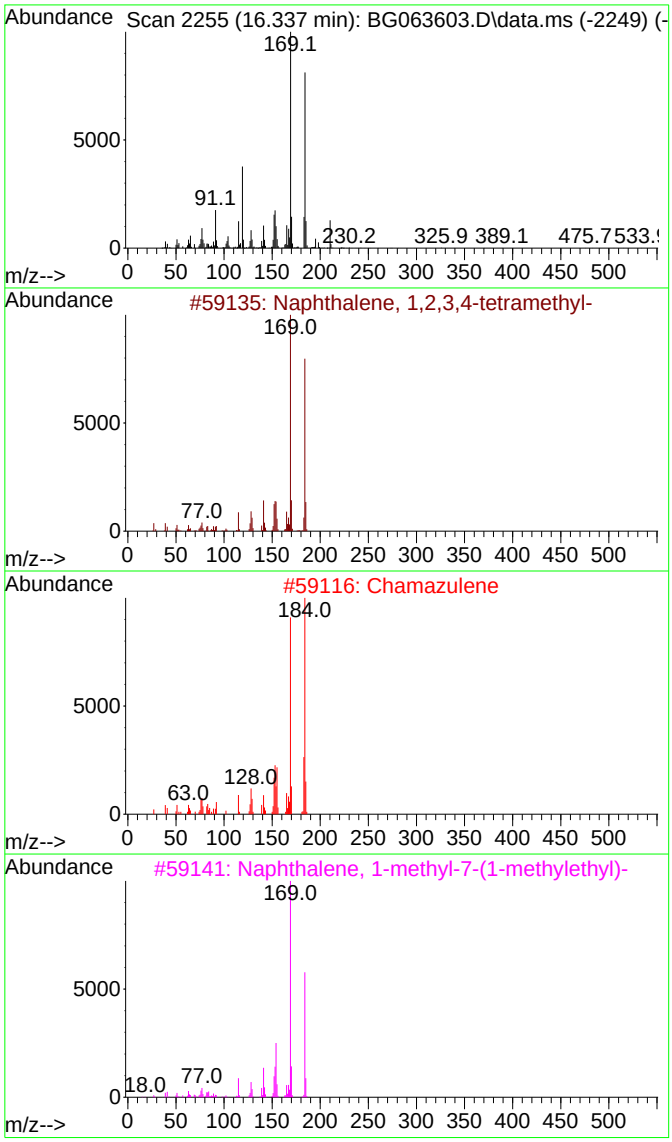
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

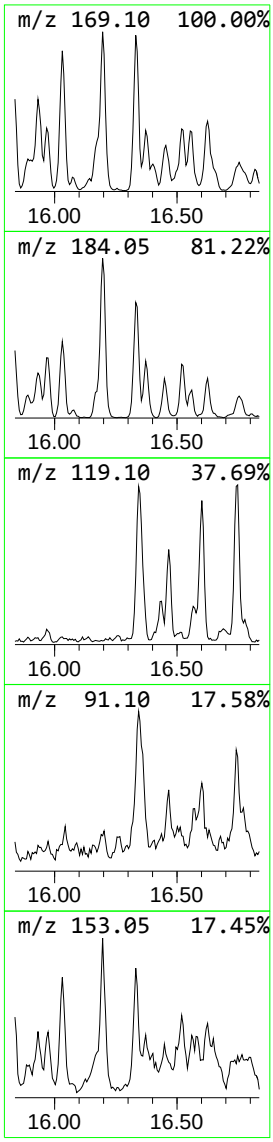
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 Naphthalene, 1,2,3,4-tetram... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.337 | 28.03 ng/ul | 4562440 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 94 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 92 |
| 3 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 89 |
| 4 | 3-Isopropyl- 1-methylnaphthalene | 184 | C14H16 | 1000383-71-4 | 89 |
| 5 | 1,6-Dimethyl-4-ethylnaphthalene ... | 184 | C14H16 | 1000383-71-7 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

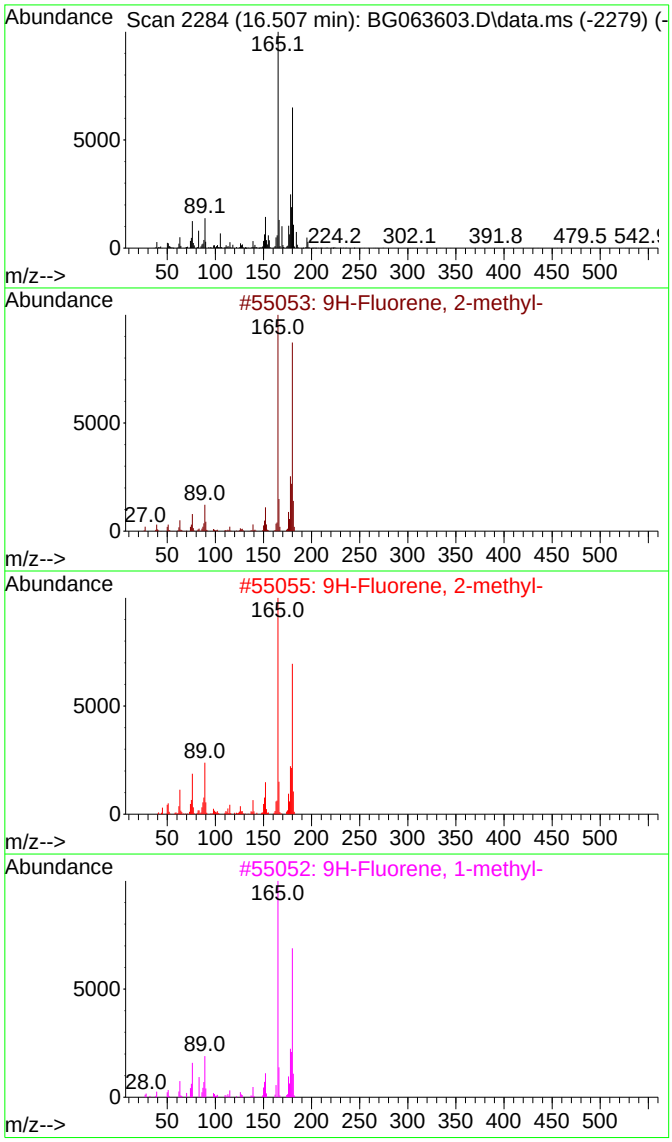
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

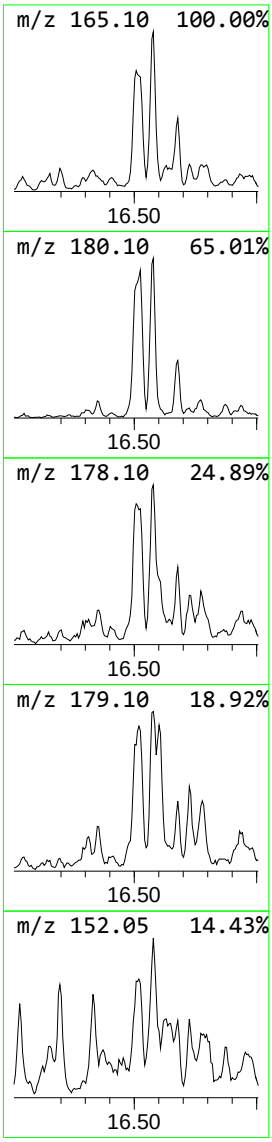
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 9H-Fluorene, 2-methyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.507 | 14.36 ng/ul | 2338040 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 96 |
| 2 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 89 |
| 3 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 89 |
| 4 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 89 |
| 5 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

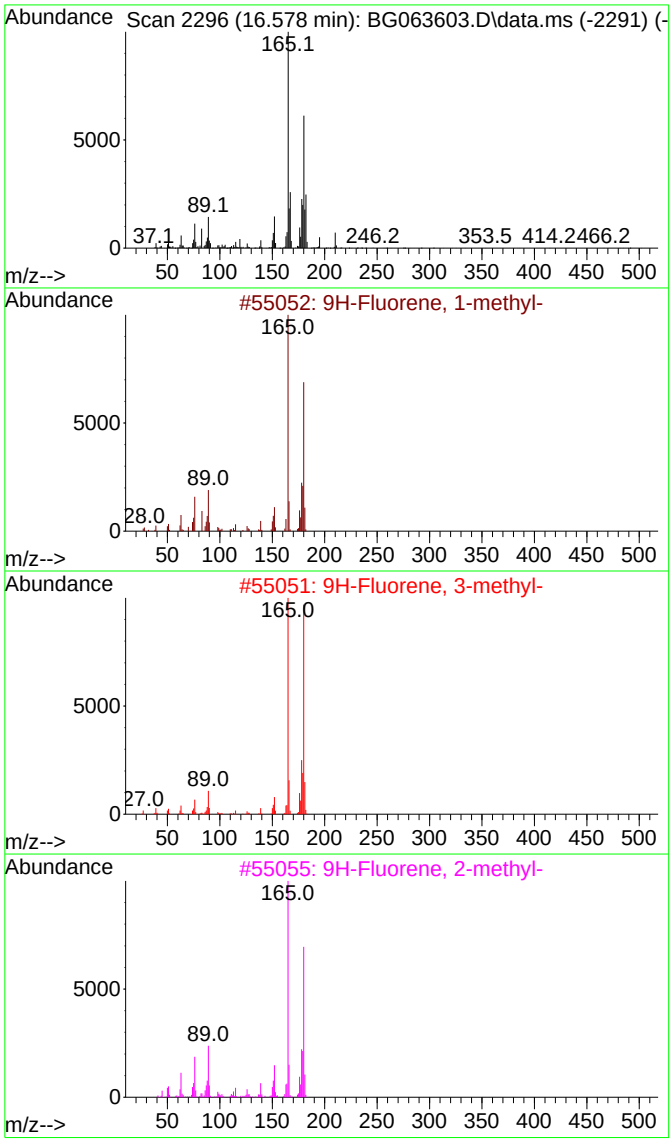
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

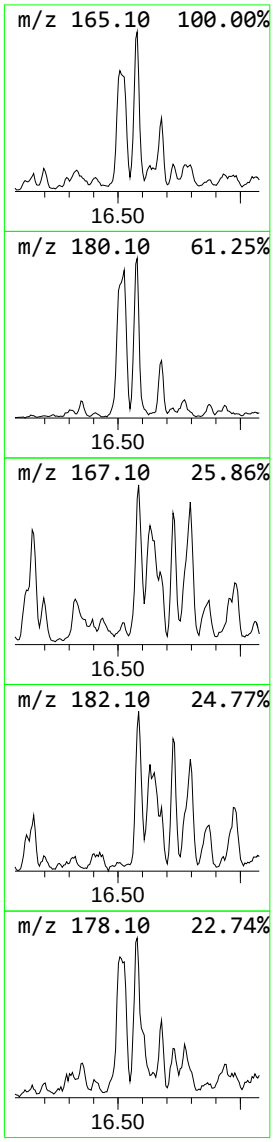
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 9H-Fluorene, 1-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.578 | 24.96 ng/ul | 4062600 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 2 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 83 |
| 3 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 83 |
| 4 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 70 |
| 5 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

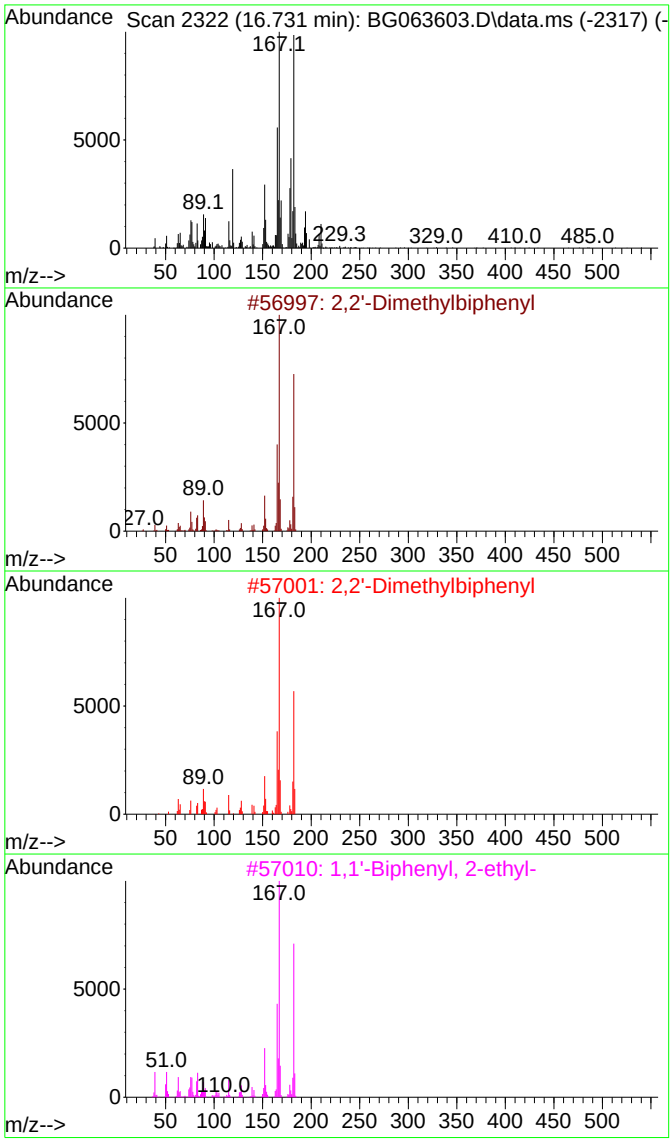
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

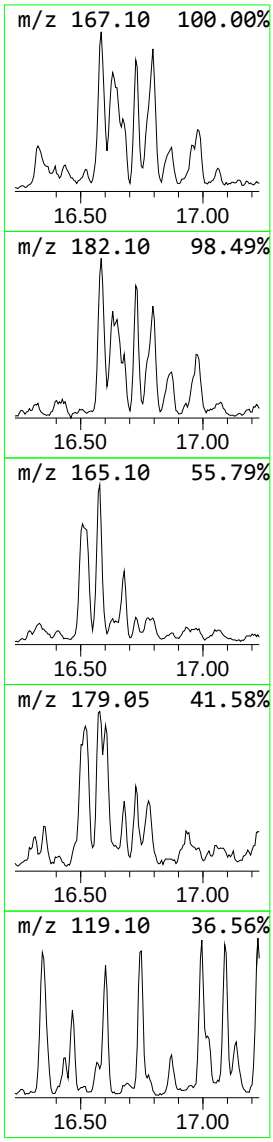
**********

Peak Number 52 2,2'-Dimethylbiphenyl Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.731 | 13.50 ng/ul | 2196860 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2'-Dimethylbiphenyl | 182 | C14H14 | 000605-39-0 | 92 |
| 2 | 2,2'-Dimethylbiphenyl | 182 | C14H14 | 000605-39-0 | 91 |
| 3 | 1,1'-Biphenyl, 2-ethyl- | 182 | C14H14 | 001812-51-7 | 83 |
| 4 | 1,1'-Biphenyl, 2,3'-dimethyl- | 182 | C14H14 | 000611-43-8 | 78 |
| 5 | 2,2'-Dimethylbiphenyl | 182 | C14H14 | 000605-39-0 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

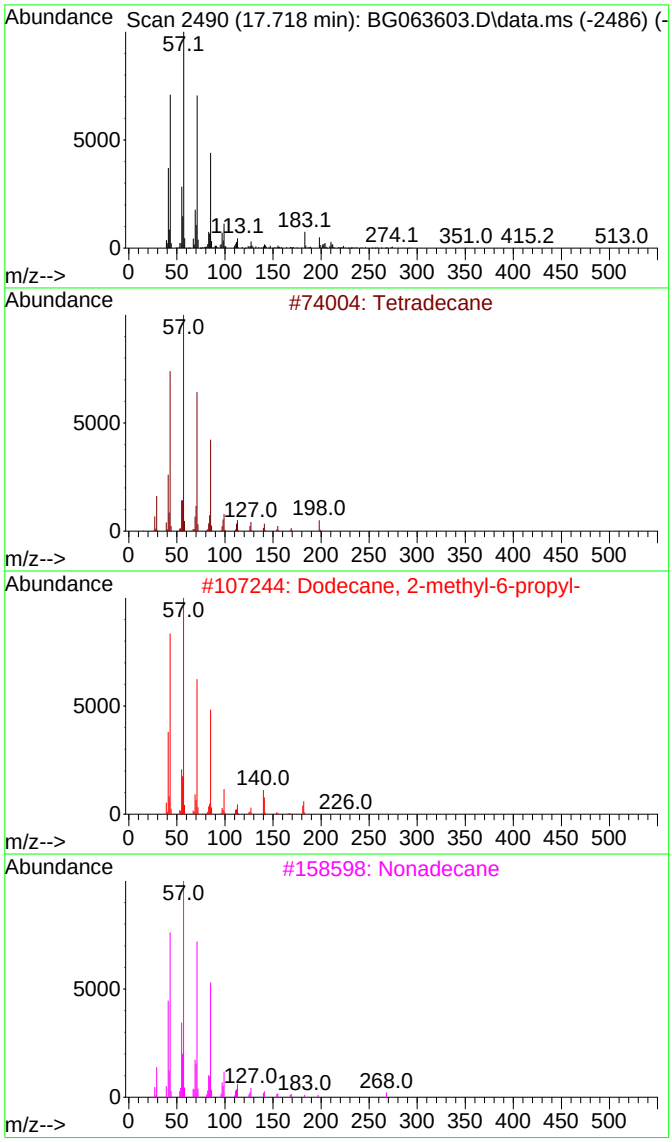
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

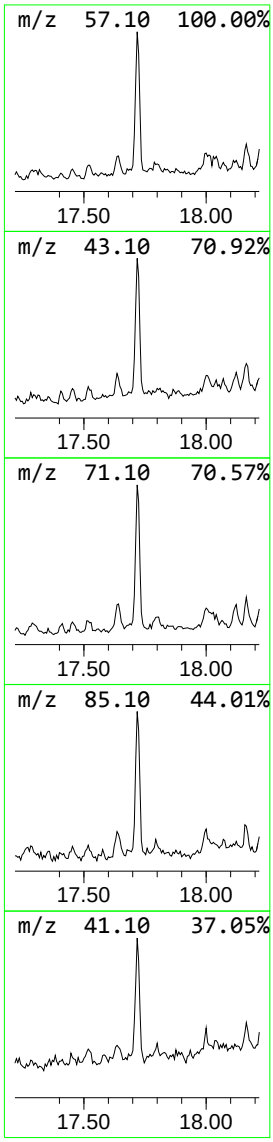
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.718 | 10.29 ng/ul | 1675620 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 93 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 91 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 4 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 86 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

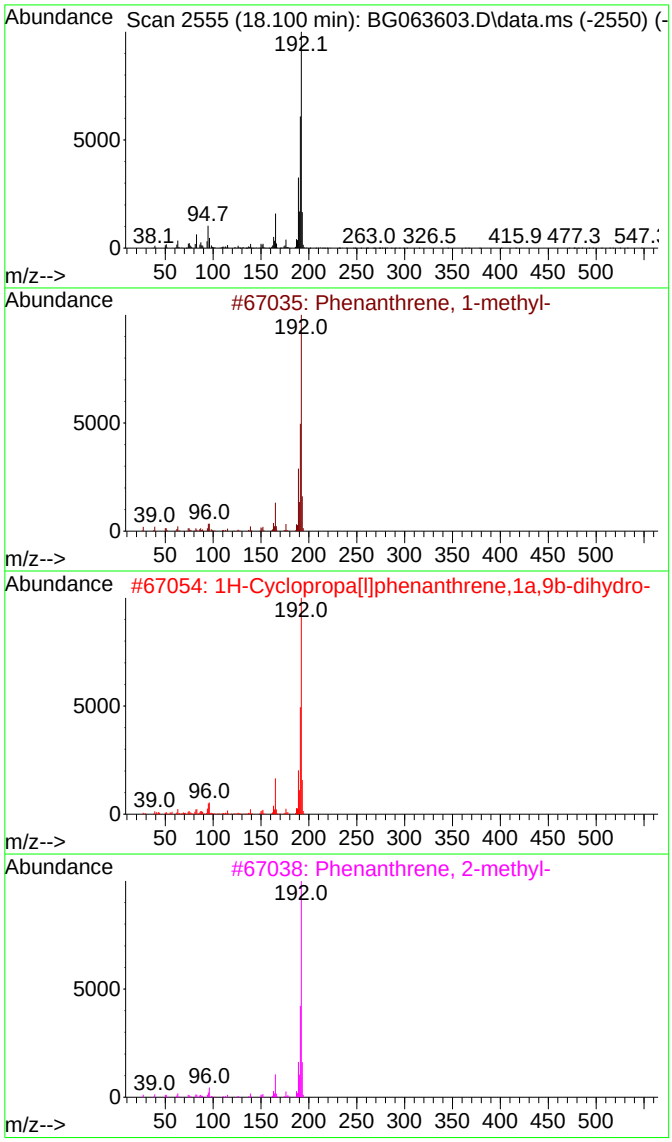
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

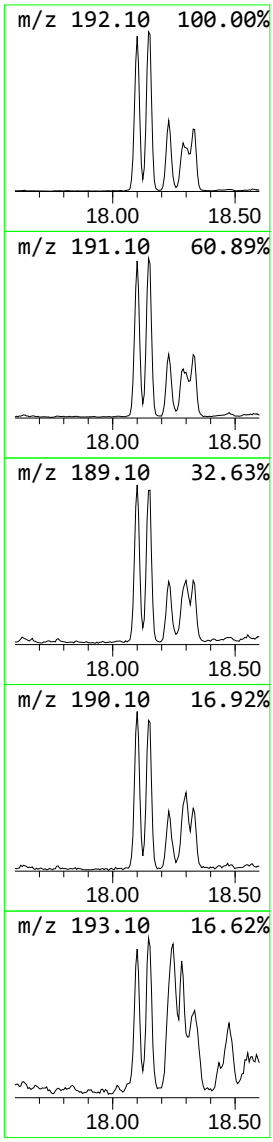
**********

Peak Number 59 Phenanthrene, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.100 | 32.62 ng/ul | 5309600 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

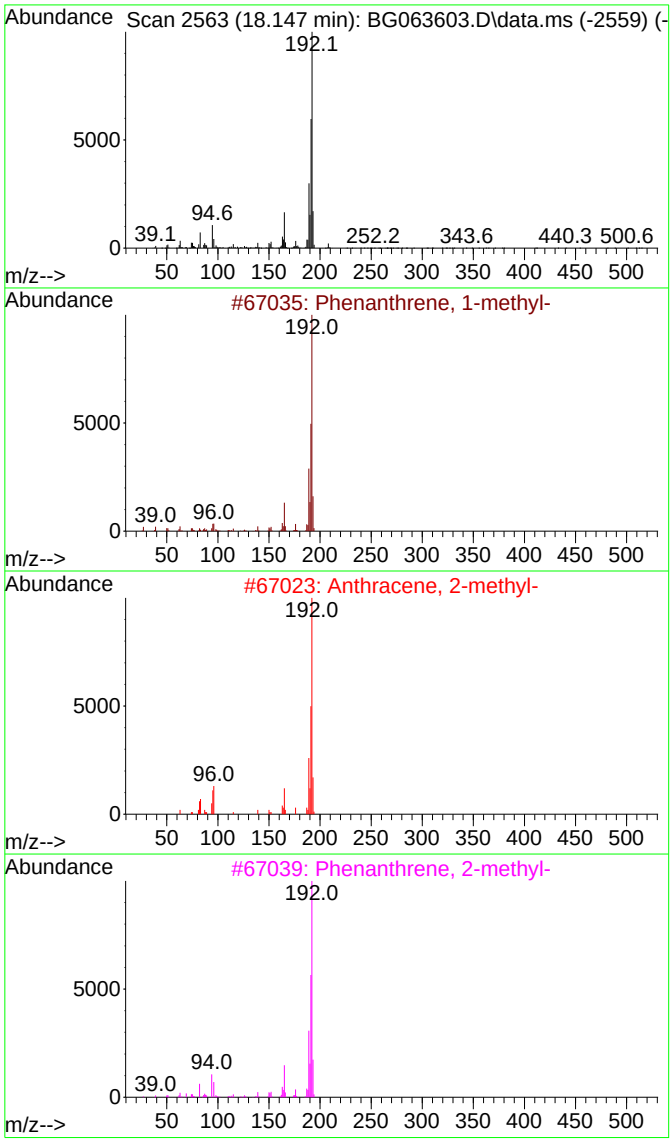
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

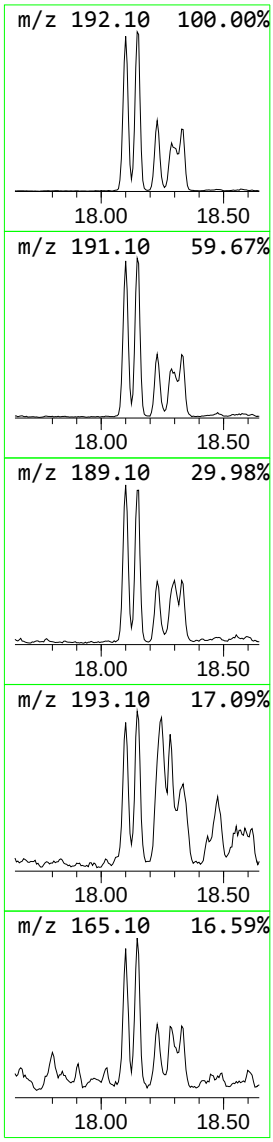
**********

Peak Number 60 Anthracene, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.147 | 40.82 ng/ul | 6643820 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 94 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

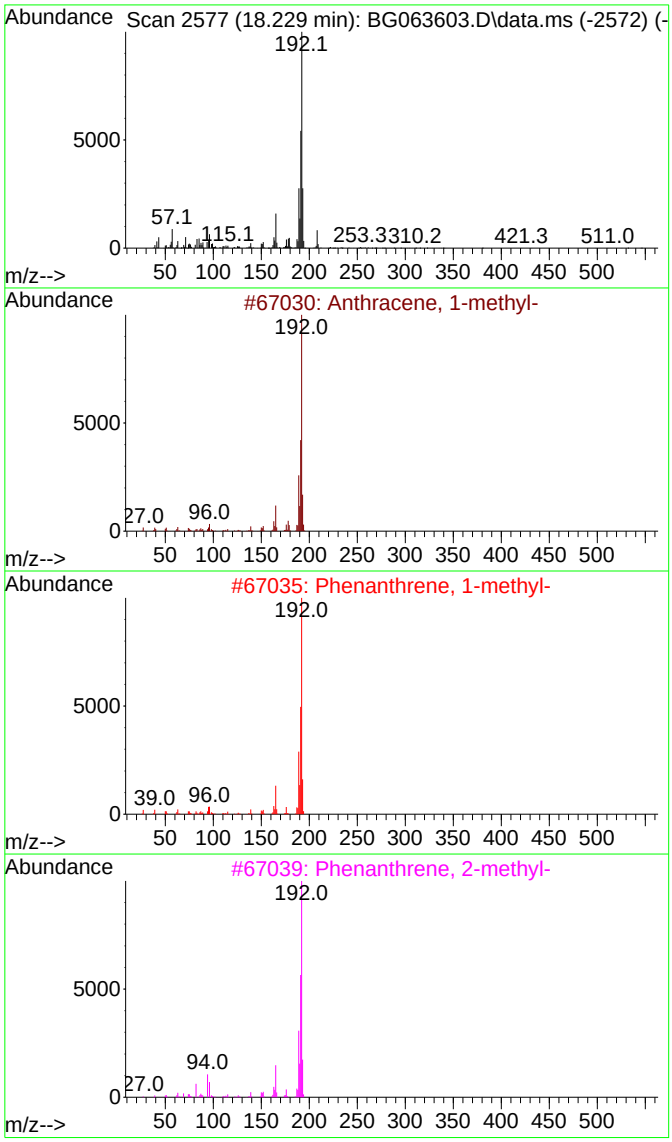
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

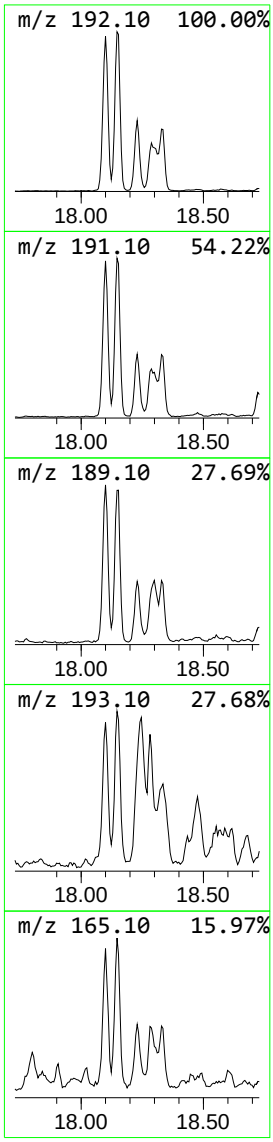
**********

Peak Number 61 Anthracene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.229 | 25.09 ng/ul | 4084260 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

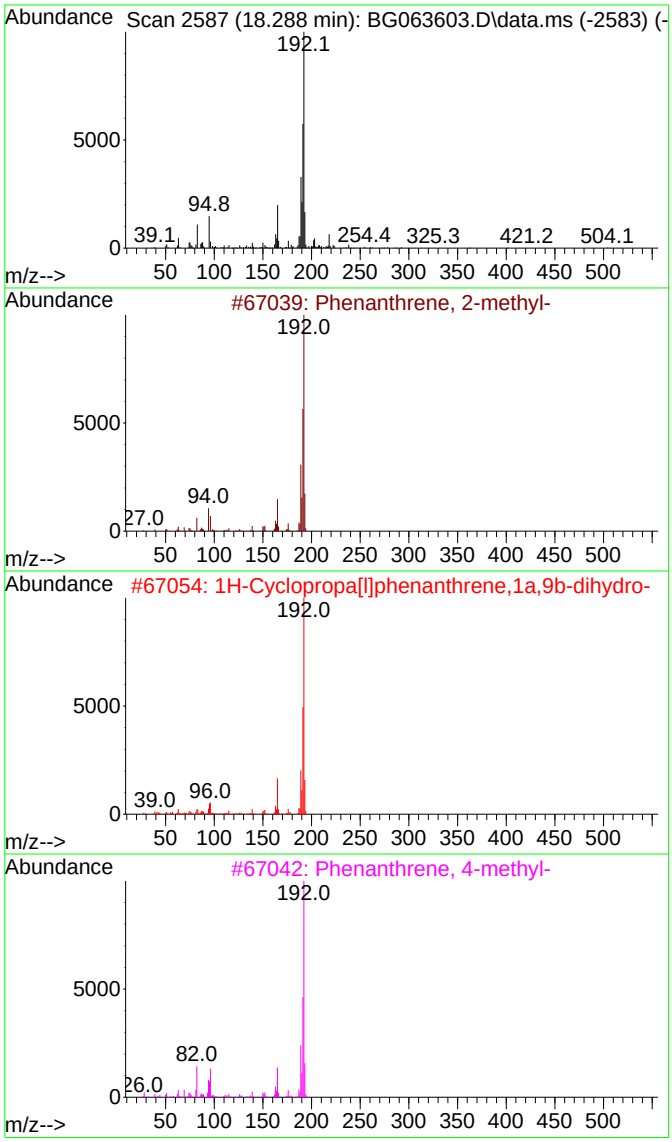
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

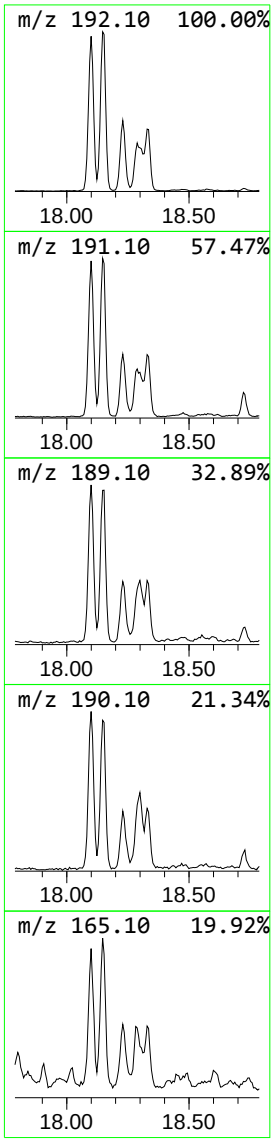
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 62 Phenanthrene, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.288 | 22.34 ng/ul | 3636310 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |
| 3 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 90 |
| 4 | Naphtho[2,3-b]norbornadiene | 192 | C15H12 | 107426-38-0 | 89 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

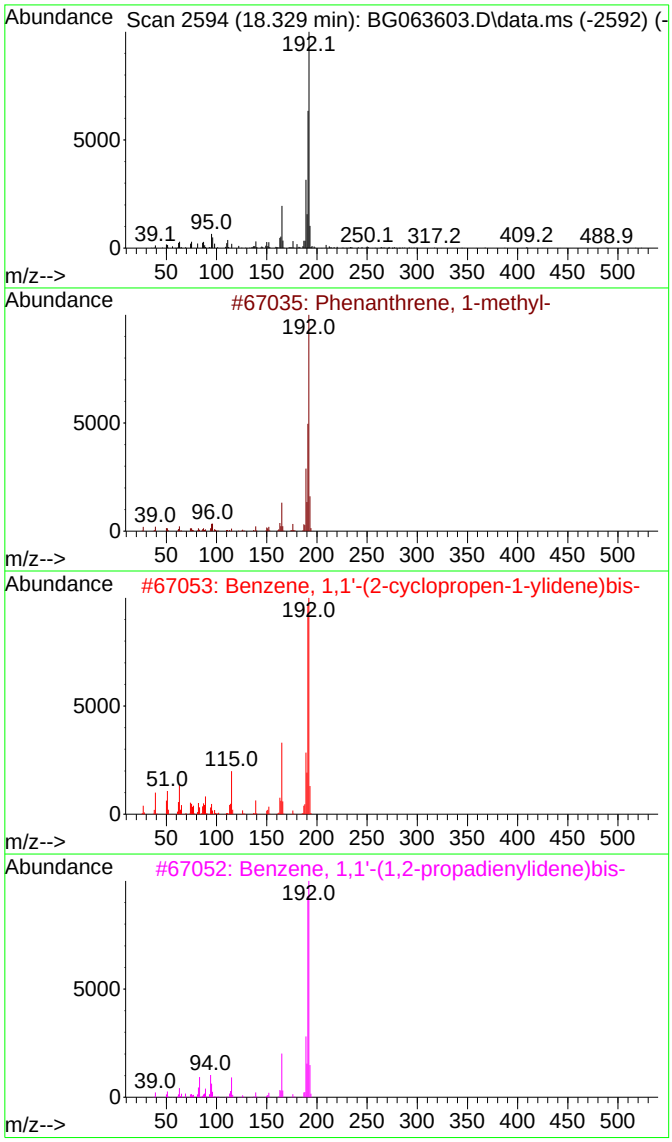
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

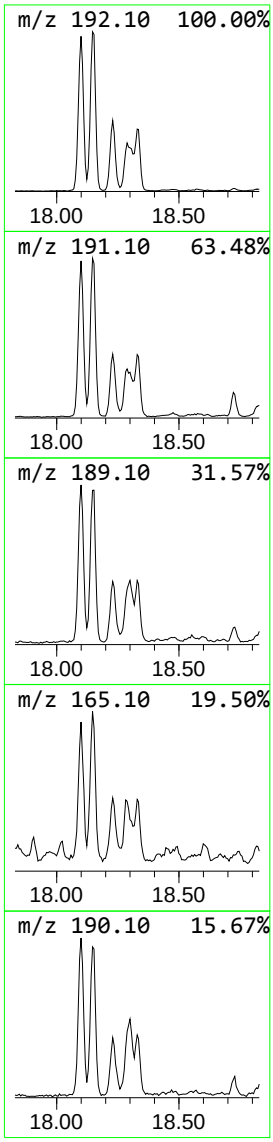
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 63 Benzene, 1,1'-(2-cycloprope... Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.329 | 11.99 ng/ul | 1950950 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 2 | Benzene, 1,1'-(2-cyclopropen-1-y... | 192 | C15H12 | 022825-21-4 | 87 |
| 3 | Benzene, 1,1'-(1,2-propadienylid... | 192 | C15H12 | 014251-57-1 | 83 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 81 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

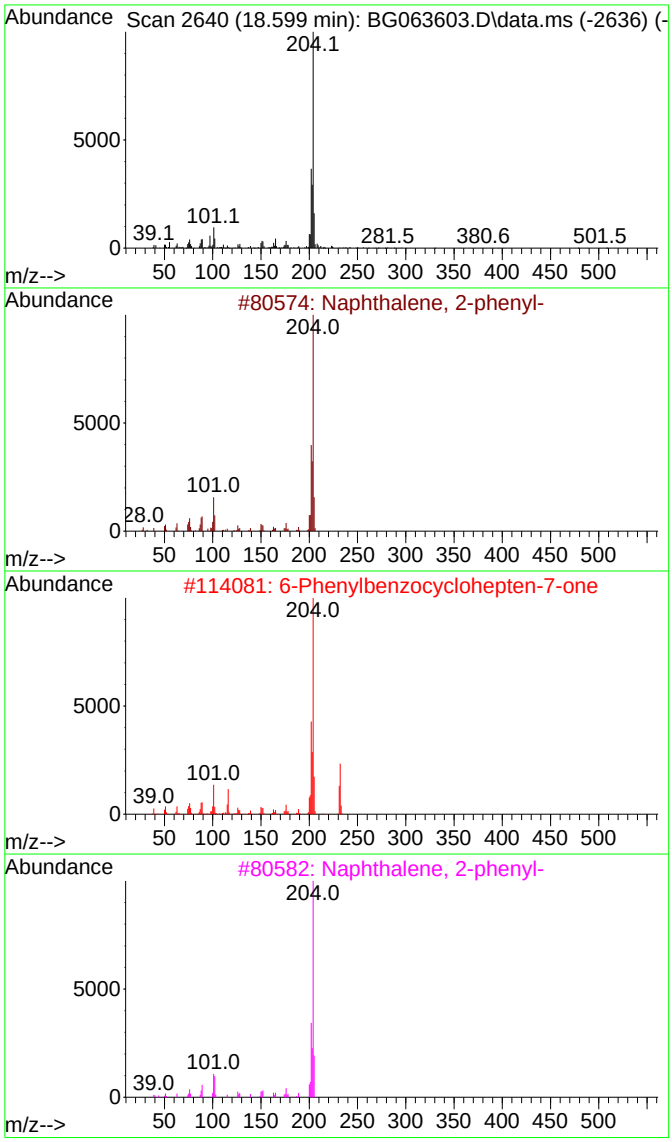
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

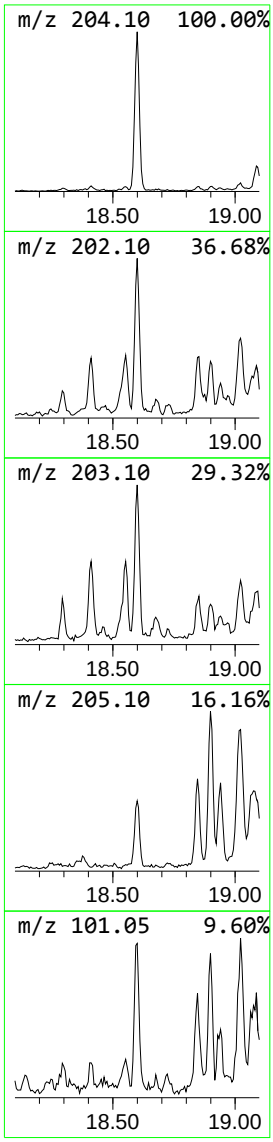
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 65 Naphthalene, 2-phenyl- Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.599 | 9.13 ng/ul | 1485540 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 90 |
| 2 | 6-Phenylbenzocyclohepten-7-one | 232 | C17H12O | 093327-56-1 | 90 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 89 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 87 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

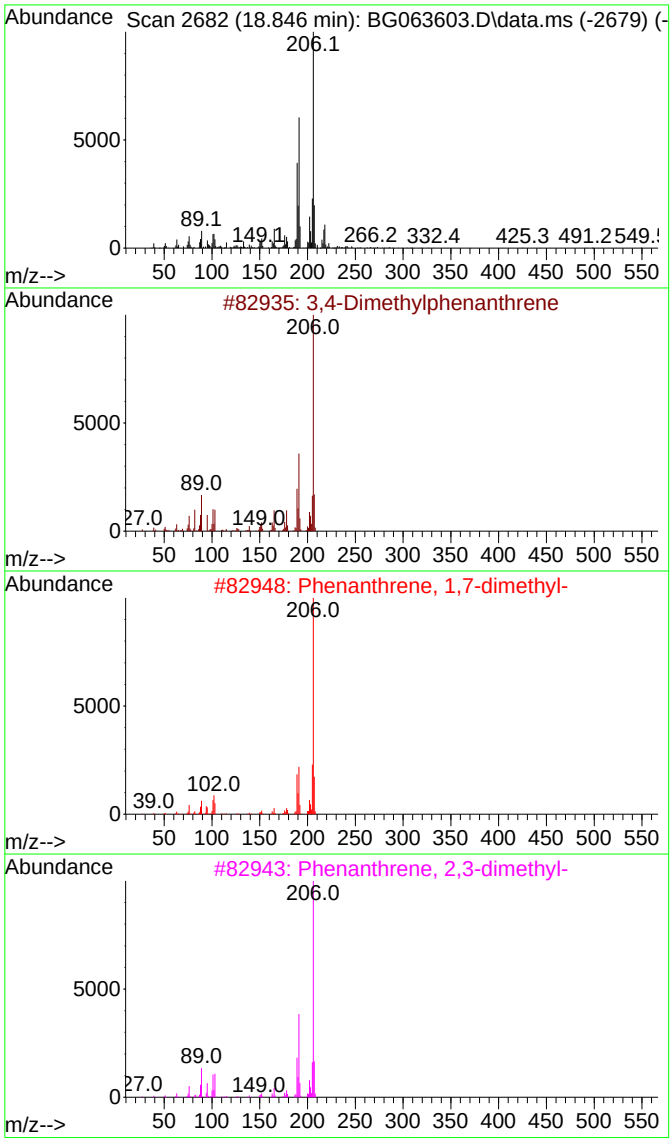
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

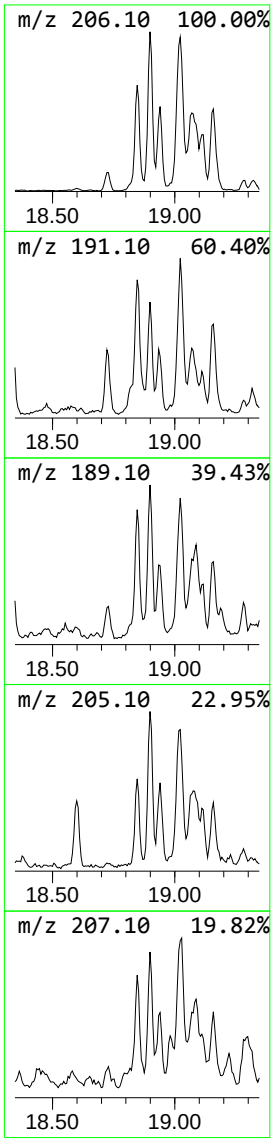
**********

Peak Number 66 3,4-Dimethylphenanthrene Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.846 | 13.59 ng/ul | 2211560 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 93 |
| 2 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 93 |
| 3 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 4 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

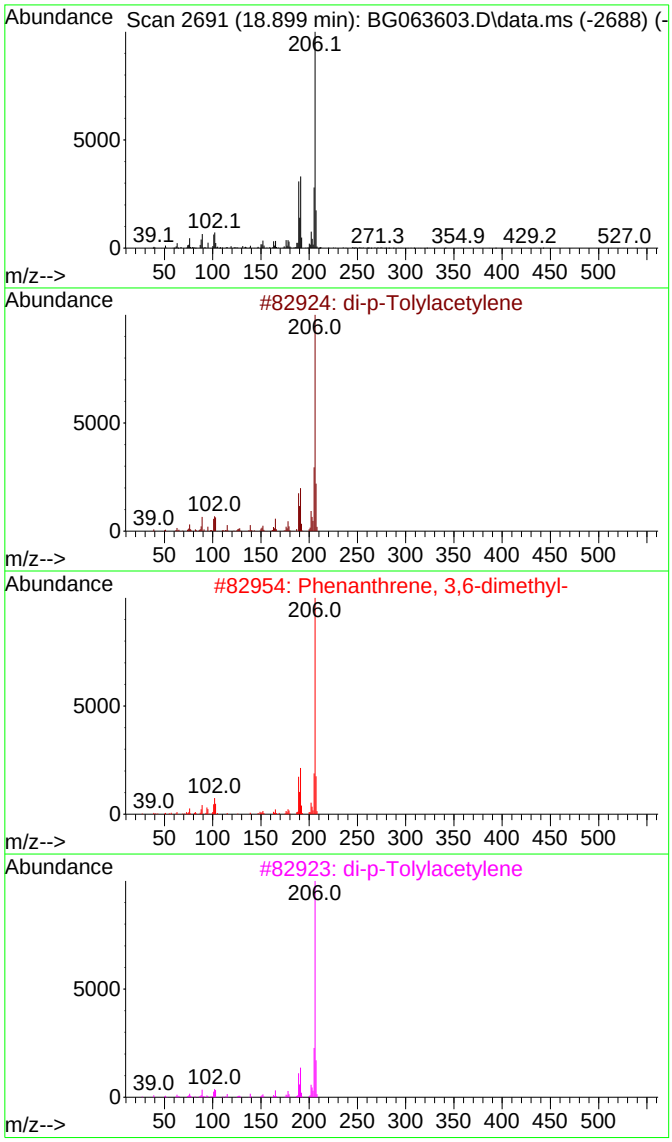
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

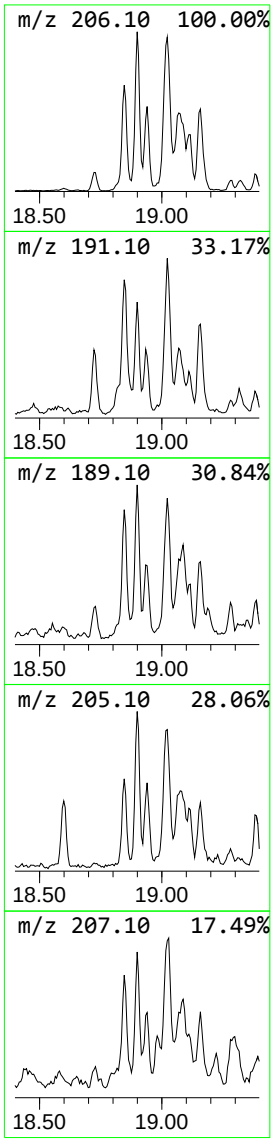
**********

Peak Number 67 di-p-Tolylacetylene Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.899 | 14.24 ng/ul | 2317740 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 91 |
| 4 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 91 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

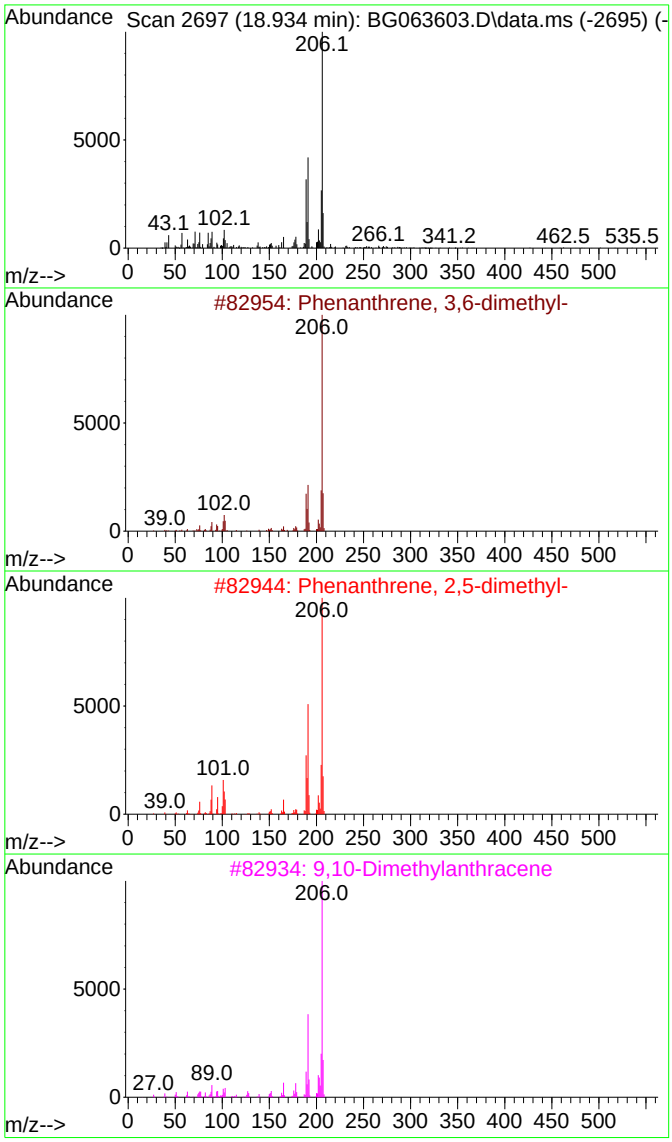
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

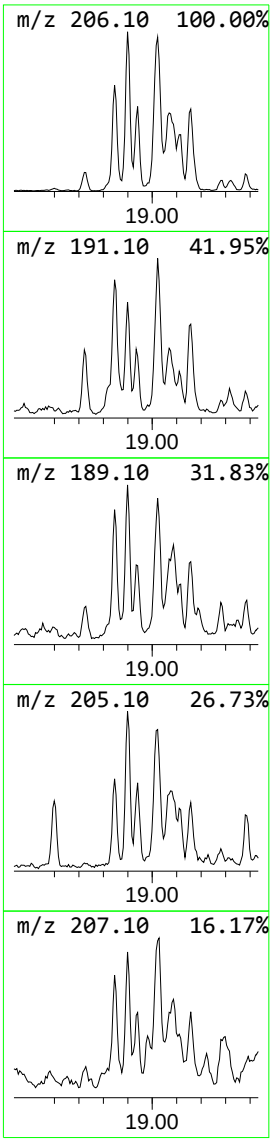
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 68 Phenanthrene, 3,6-dimethyl- Concentration Rank 67

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.934 | 6.84 ng/ul | 1112830 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 89 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 87 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 83 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 83 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

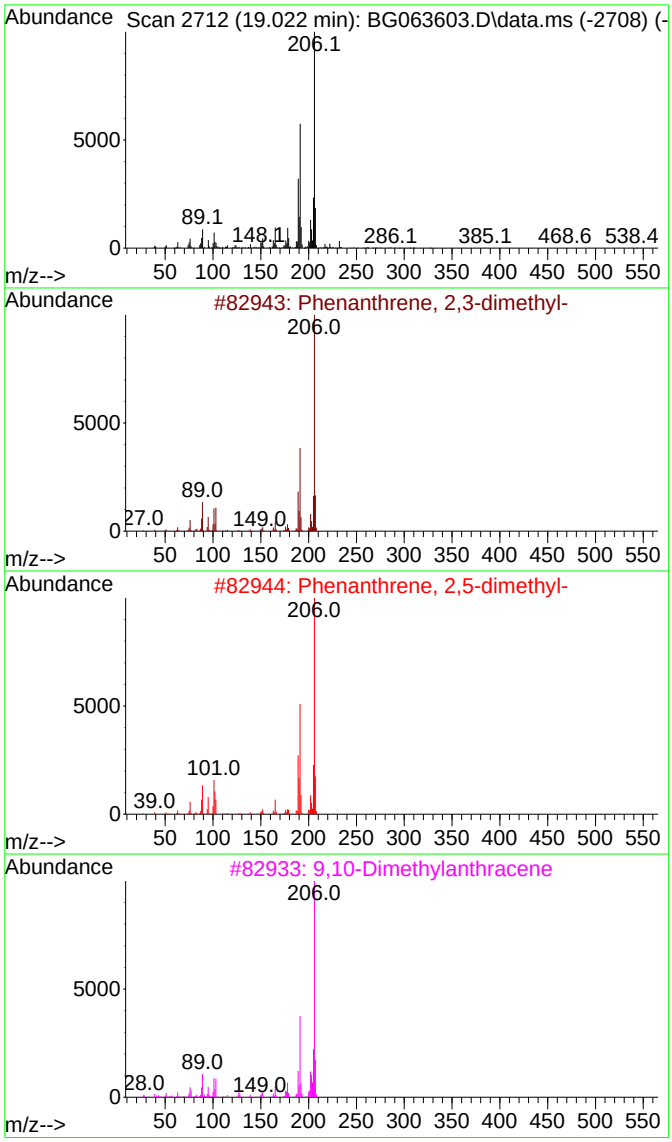
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

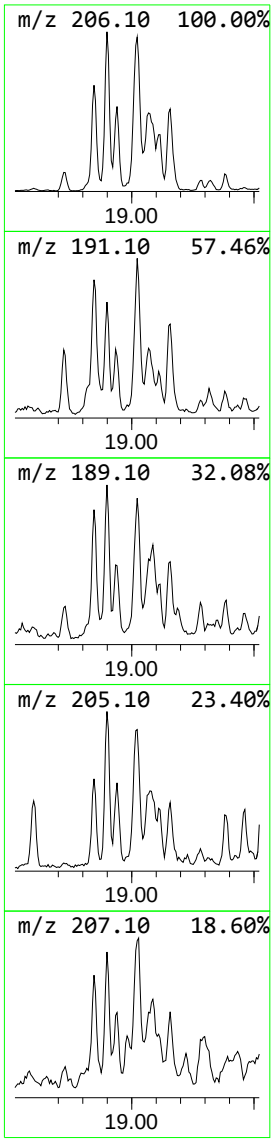
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 69 Phenanthrene, 2,3-dimethyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.022 | 13.49 ng/ul | 2196490 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 91 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 90 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

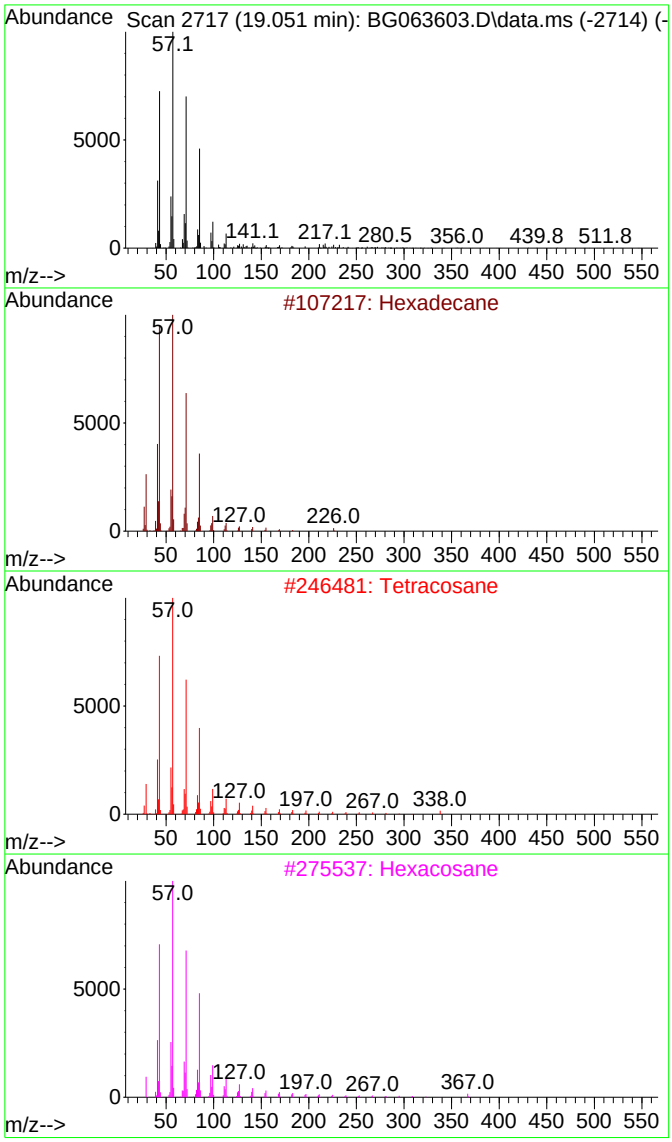
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

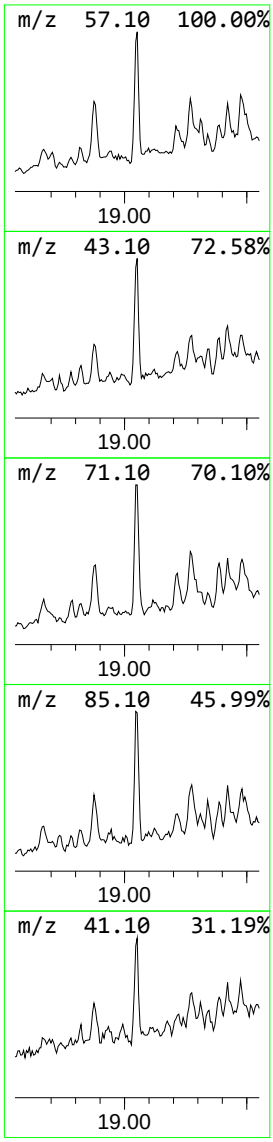
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.052 | 8.73 ng/ul | 1421760 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 94 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

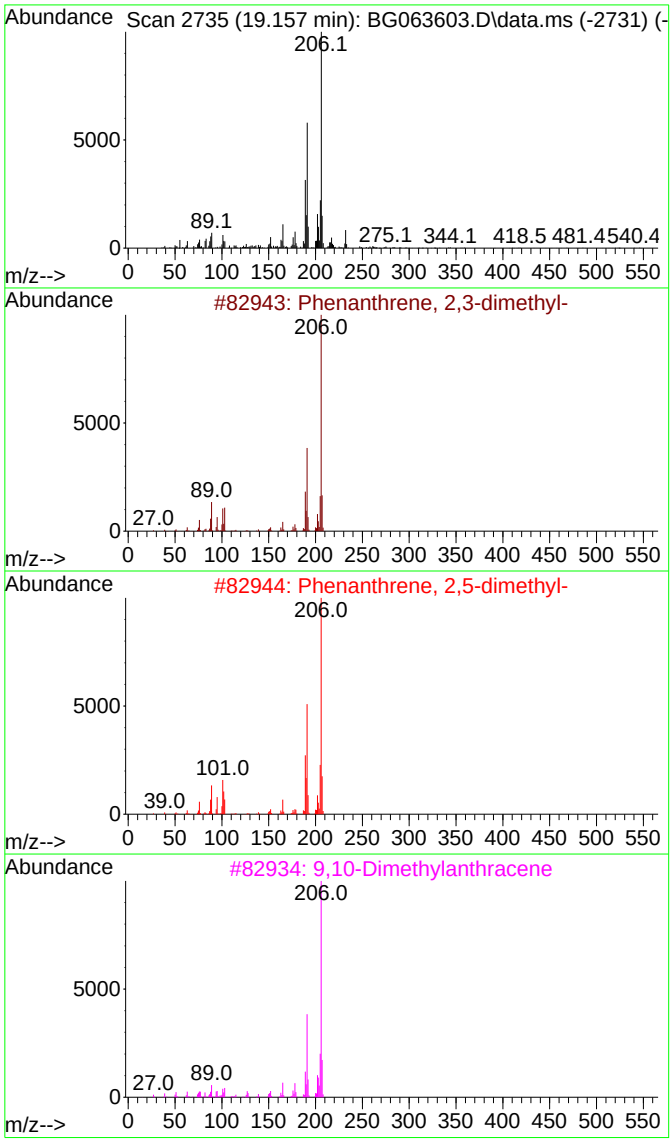
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

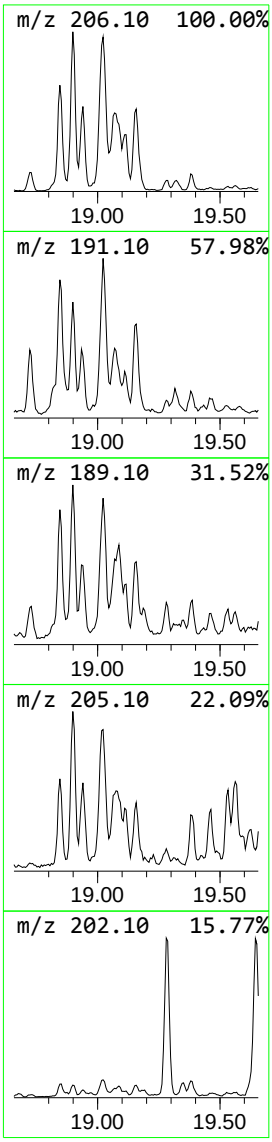
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 71 Phenanthrene, 2,5-dimethyl- Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.157 | 9.90 ng/ul | 1611990 | Phenanthrene-d10 | 17.218 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 4 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 91 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

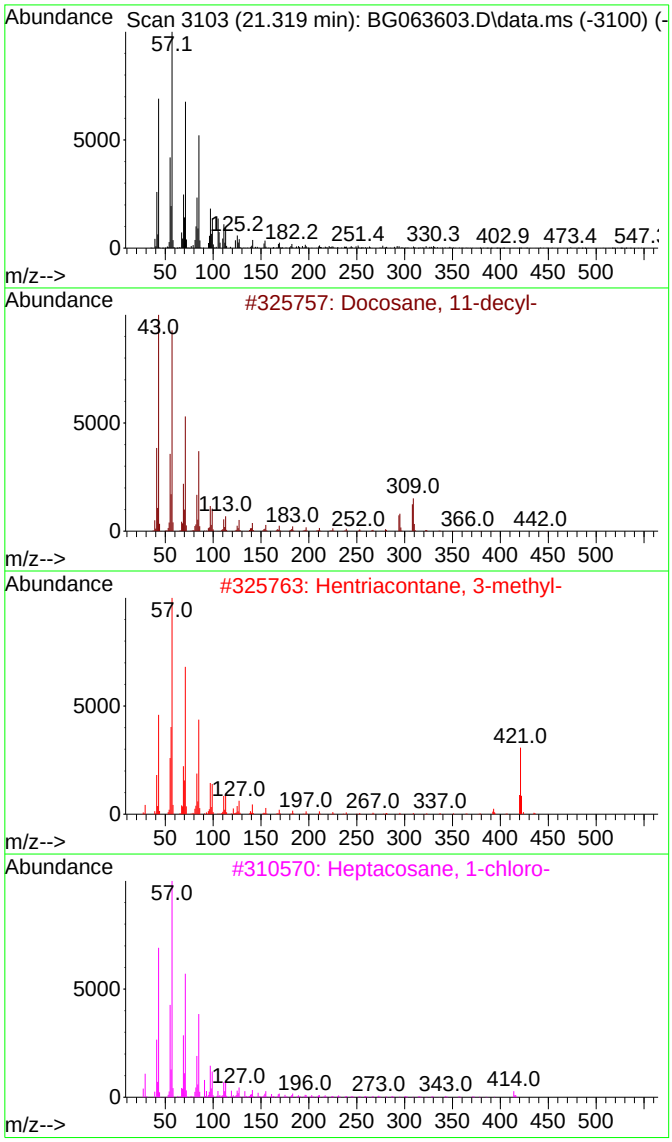
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

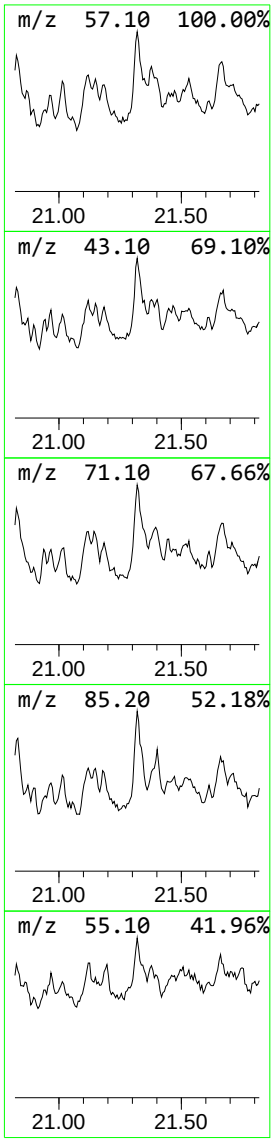
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.319 | 20.00 ng/ul | 3183270 | Chrysene-d12 | 21.478 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane, 11-decyl- | 451 | C32H66 | 055401-55-3 | 94 |
| 2 | Hentriacontane, 3-methyl- | 451 | C32H66 | 004981-99-1 | 93 |
| 3 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 91 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 5 | Carbonic acid, tetradecyl vinyl ... | 284 | C17H32O3 | 1000382-54-5 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: S... | 5.849 | 12.2 | ng/ul | 2536420 | 1 | 7.823 | 4175520 | 20.0 |
| Decane, 2,6,7-t... | 6.390 | 7.4 | ng/ul | 1536750 | 1 | 7.823 | 4175520 | 20.0 |
| Carbonic acid, ... | 7.453 | 43.7 | ng/ul | 9120720 | 1 | 7.823 | 4175520 | 20.0 |
| (DEL) Alkane: C... | 8.111 | 14.8 | ng/ul | 3092190 | 1 | 7.823 | 4175520 | 20.0 |
| Benzene, 1-ethy... | 8.928 | 10.0 | ng/ul | 2083500 | 1 | 7.823 | 4175520 | 20.0 |
| (DEL) Alkane: S... | 9.057 | 46.5 | ng/ul | 9716610 | 1 | 7.823 | 4175520 | 20.0 |
| (DEL) Alkane: C... | 9.745 | 2.1 | ng/ul | 1452170 | 2 | 10.614 | 13654600 | 20.0 |
| p-Cymene | 10.027 | 3.0 | ng/ul | 2059800 | 2 | 10.614 | 13654600 | 20.0 |
| (DEL) Alkane: C... | 11.319 | 4.3 | ng/ul | 2943220 | 2 | 10.614 | 13654600 | 20.0 |
| (DEL) Alkane: S... | 11.537 | 3.0 | ng/ul | 2082340 | 2 | 10.614 | 13654600 | 20.0 |
| (DEL) Alkane: S... | 12.048 | 18.5 | ng/ul | 12620100 | 2 | 10.614 | 13654600 | 20.0 |
| (DEL) Alkane: S... | 12.859 | 7.7 | ng/ul | 1296140 | 3 | 14.463 | 3361240 | 20.0 |
| (DEL) Alkane: S... | 13.000 | 20.6 | ng/ul | 3459350 | 3 | 14.463 | 3361240 | 20.0 |
| Naphthalene, 1,... | 13.628 | 9.0 | ng/ul | 1514180 | 3 | 14.463 | 3361240 | 20.0 |
| Naphthalene, 2,... | 13.787 | 22.3 | ng/ul | 3742290 | 3 | 14.463 | 3361240 | 20.0 |
| (DEL) Alkane: S... | 13.993 | 6.9 | ng/ul | 1152980 | 3 | 14.463 | 3361240 | 20.0 |
| Naphthalene, 1,... | 14.022 | 10.9 | ng/ul | 1833280 | 3 | 14.463 | 3361240 | 20.0 |
| (DEL) Alkane: S... | 14.369 | 47.9 | ng/ul | 8050820 | 3 | 14.463 | 3361240 | 20.0 |
| Naphthalene, 1,... | 14.674 | 14.9 | ng/ul | 2508030 | 3 | 14.463 | 3361240 | 20.0 |
| Naphthalene, 1,... | 14.868 | 21.8 | ng/ul | 3658450 | 3 | 14.463 | 3361240 | 20.0 |
| Naphthalene, 2,... | 14.945 | 22.9 | ng/ul | 3857350 | 3 | 14.463 | 3361240 | 20.0 |
| Methane, di-p-t... | 15.808 | 11.1 | ng/ul | 1860680 | 3 | 14.463 | 3361240 | 20.0 |
| Naphthalene, 1-... | 15.932 | 7.3 | ng/ul | 1189660 | 4 | 17.218 | 3255380 | 20.0 |
| 1,6-Dimethyl- 3... | 16.032 | 12.4 | ng/ul | 2019570 | 4 | 17.218 | 3255380 | 20.0 |
| Naphthalene, 1,... | 16.337 | 28.0 | ng/ul | 4562440 | 4 | 17.218 | 3255380 | 20.0 |
| 9H-Fluorene, 2-... | 16.507 | 14.4 | ng/ul | 2338040 | 4 | 17.218 | 3255380 | 20.0 |
| 9H-Fluorene, 1-... | 16.578 | 25.0 | ng/ul | 4062600 | 4 | 17.218 | 3255380 | 20.0 |
| 2,2'-Dimethylbi... | 16.731 | 13.5 | ng/ul | 2196860 | 4 | 17.218 | 3255380 | 20.0 |
| (DEL) Alkane: S... | 17.718 | 10.3 | ng/ul | 1675620 | 4 | 17.218 | 3255380 | 20.0 |
| Phenanthrene, 1... | 18.100 | 32.6 | ng/ul | 5309600 | 4 | 17.218 | 3255380 | 20.0 |
| Anthracene, 2-m... | 18.147 | 40.8 | ng/ul | 6643820 | 4 | 17.218 | 3255380 | 20.0 |
| Anthracene, 1-m... | 18.229 | 25.1 | ng/ul | 4084260 | 4 | 17.218 | 3255380 | 20.0 |
| Phenanthrene, 2... | 18.288 | 22.3 | ng/ul | 3636310 | 4 | 17.218 | 3255380 | 20.0 |
| Benzene, 1,1'-(... | 18.329 | 12.0 | ng/ul | 1950950 | 4 | 17.218 | 3255380 | 20.0 |
| Naphthalene, 2-... | 18.599 | 9.1 | ng/ul | 1485540 | 4 | 17.218 | 3255380 | 20.0 |
| 3,4-Dimethylphe... | 18.846 | 13.6 | ng/ul | 2211560 | 4 | 17.218 | 3255380 | 20.0 |
| di-p-Tolylacety... | 18.899 | 14.2 | ng/ul | 2317740 | 4 | 17.218 | 3255380 | 20.0 |
| Phenanthrene, 3... | 18.934 | 6.8 | ng/ul | 1112830 | 4 | 17.218 | 3255380 | 20.0 |
| Phenanthrene, 2... | 19.022 | 13.5 | ng/ul | 2196490 | 4 | 17.218 | 3255380 | 20.0 |
| (DEL) Alkane: S... | 19.052 | 8.7 | ng/ul | 1421760 | 4 | 17.218 | 3255380 | 20.0 |
| Phenanthrene, 2... | 19.157 | 9.9 | ng/ul | 1611990 | 4 | 17.218 | 3255380 | 20.0 |
| (DEL) Alkane: S... | 21.319 | 20.0 | ng/ul | 3183270 | 5 | 21.478 | 3183270 | 20.0 |