LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

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_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.822 | 643 | 652 | 660 | rVV | 1270866 | 2271387 | 6.95% | 0.438% |
| 2 | 6.987 | 673 | 680 | 687 | rBV | 861155 | 1404854 | 4.30% | 0.271% |
| 3 | 7.181 | 705 | 713 | 724 | rVB | 1264310 | 2002635 | 6.13% | 0.386% |
| 4 | 7.310 | 728 | 735 | 744 | rBV3 | 404496 | 836366 | 2.56% | 0.161% |
| 5 | 7.645 | 785 | 792 | 801 | rBV | 1474413 | 2331500 | 7.14% | 0.449% |
| 6 | 8.351 | 905 | 912 | 919 | rVV | 1518145 | 2374059 | 7.27% | 0.457% |
| 7 | 8.792 | 981 | 987 | 999 | rVB | 1117149 | 1853895 | 5.68% | 0.357% |
| 8 | 9.510 | 1103 | 1109 | 1117 | rVB | 900491 | 1472701 | 4.51% | 0.284% |
| 9 | 10.010 | 1185 | 1194 | 1196 | rVV | 373436 | 717437 | 2.20% | 0.138% |
| 10 | 10.051 | 1196 | 1201 | 1209 | rVV | 1522216 | 2602282 | 7.97% | 0.501% |
| 11 | 10.422 | 1256 | 1264 | 1269 | rBV | 1956620 | 3379392 | 10.35% | 0.651% |
| 12 | 10.475 | 1269 | 1273 | 1282 | rVV | 700167 | 1189791 | 3.64% | 0.229% |
| 13 | 11.951 | 1516 | 1524 | 1532 | rVV | 469281 | 1376346 | 4.21% | 0.265% |
| 14 | 12.098 | 1543 | 1549 | 1559 | rVB | 519807 | 941869 | 2.88% | 0.181% |
| 15 | 12.316 | 1581 | 1586 | 1593 | rVV | 408536 | 630811 | 1.93% | 0.122% |
| 16 | 13.527 | 1787 | 1792 | 1797 | rBV | 496676 | 782946 | 2.40% | 0.151% |
| 17 | 13.616 | 1801 | 1807 | 1812 | rVV | 370625 | 670644 | 2.05% | 0.129% |
| 18 | 13.710 | 1818 | 1823 | 1826 | rVV | 2556901 | 3755969 | 11.50% | 0.724% |
| 19 | 13.751 | 1826 | 1830 | 1836 | rVV3 | 2149424 | 3549367 | 10.87% | 0.684% |
| 20 | 13.980 | 1863 | 1869 | 1871 | rBV | 3130455 | 4575311 | 14.01% | 0.881% |
| 21 | 14.010 | 1871 | 1874 | 1884 | rVB | 3516231 | 5280175 | 16.17% | 1.017% |
| 22 | 14.292 | 1915 | 1922 | 1927 | rBV | 2866782 | 4534004 | 13.88% | 0.873% |
| 23 | 14.351 | 1927 | 1932 | 1937 | rBV | 586735 | 907240 | 2.78% | 0.175% |
| 24 | 14.492 | 1951 | 1956 | 1966 | rBV2 | 1151594 | 2059131 | 6.30% | 0.397% |
| 25 | 14.698 | 1986 | 1991 | 2000 | rVB5 | 289754 | 777915 | 2.38% | 0.150% |
| 26 | 14.898 | 2020 | 2025 | 2031 | rBV2 | 851726 | 1723058 | 5.28% | 0.332% |
| 27 | 15.163 | 2066 | 2070 | 2077 | rVB | 967271 | 1455958 | 4.46% | 0.280% |
| 28 | 15.286 | 2086 | 2091 | 2097 | rVB | 4326553 | 6147058 | 18.82% | 1.184% |
| 29 | 15.404 | 2107 | 2111 | 2115 | rVV | 693018 | 1007202 | 3.08% | 0.194% |
| 30 | 15.563 | 2131 | 2138 | 2140 | rBV4 | 394349 | 825562 | 2.53% | 0.159% |
| 31 | 16.016 | 2210 | 2215 | 2221 | rVV5 | 745490 | 1539622 | 4.71% | 0.297% |
| 32 | 16.068 | 2221 | 2224 | 2231 | rVB2 | 531337 | 720474 | 2.21% | 0.139% |
| 33 | 16.333 | 2265 | 2269 | 2277 | rBV6 | 416130 | 1190226 | 3.64% | 0.229% |
| 34 | 16.616 | 2313 | 2317 | 2322 | rBV | 847845 | 1145737 | 3.51% | 0.221% |

LSC Area Percent Report

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Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

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_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.692 | 2327 | 2330 | 2339 | rVB4 | 482430 | 892209 | 2.73% | 0.172% |
| 36 | 16.892 | 2361 | 2364 | 2371 | rVB2 | 508943 | 718007 | 2.20% | 0.138% |
| 37 | 17.039 | 2383 | 2389 | 2392 | rBV | 3607768 | 5238322 | 16.04% | 1.009% |
| 38 | 17.080 | 2392 | 2396 | 2400 | rVV | 5227751 | 7142659 | 21.87% | 1.376% |
| 39 | 17.133 | 2400 | 2405 | 2409 | rVV2 | 4325016 | 6803239 | 20.83% | 1.311% |
| 40 | 17.168 | 2409 | 2411 | 2416 | rVB | 2603742 | 3039701 | 9.31% | 0.586% |
| 41 | 17.233 | 2418 | 2422 | 2428 | rVV3 | 561322 | 1017624 | 3.12% | 0.196% |
| 42 | 17.521 | 2463 | 2471 | 2475 | rBV4 | 540594 | 1484087 | 4.54% | 0.286% |
| 43 | 17.563 | 2476 | 2478 | 2482 | rVV2 | 547467 | 682717 | 2.09% | 0.132% |
| 44 | 17.615 | 2484 | 2487 | 2492 | rVB | 742450 | 1027772 | 3.15% | 0.198% |
| 45 | 17.915 | 2533 | 2538 | 2542 | rVV | 2145928 | 3268835 | 10.01% | 0.630% |
| 46 | 17.962 | 2542 | 2546 | 2554 | rVV | 5131639 | 7282578 | 22.30% | 1.403% |
| 47 | 18.039 | 2555 | 2559 | 2564 | rVV | 1511211 | 2445343 | 7.49% | 0.471% |
| 48 | 18.104 | 2565 | 2570 | 2574 | rVV2 | 4026961 | 7594013 | 23.25% | 1.463% |
| 49 | 18.145 | 2575 | 2577 | 2587 | rVB | 2306999 | 3034723 | 9.29% | 0.585% |
| 50 | 18.392 | 2615 | 2619 | 2620 | rVV2 | 777686 | 923296 | 2.83% | 0.178% |
| 51 | 18.421 | 2621 | 2624 | 2627 | rVV2 | 1519399 | 1977739 | 6.05% | 0.381% |
| 52 | 18.451 | 2627 | 2629 | 2638 | rVB3 | 864405 | 1521374 | 4.66% | 0.293% |
| 53 | 18.639 | 2658 | 2661 | 2663 | rBV | 620353 | 809011 | 2.48% | 0.156% |
| 54 | 18.674 | 2663 | 2667 | 2671 | rVB4 | 1770727 | 2472569 | 7.57% | 0.476% |
| 55 | 18.721 | 2672 | 2675 | 2678 | rBV | 799111 | 1019188 | 3.12% | 0.196% |
| 56 | 18.839 | 2690 | 2695 | 2700 | rBV2 | 4168464 | 6665876 | 20.41% | 1.284% |
| 57 | 18.904 | 2700 | 2706 | 2709 | rVV2 | 1993769 | 3737935 | 11.44% | 0.720% |
| 58 | 18.933 | 2709 | 2711 | 2715 | rVB | 1704287 | 1766900 | 5.41% | 0.340% |
| 59 | 18.980 | 2715 | 2719 | 2726 | rBV4 | 2076529 | 4298306 | 13.16% | 0.828% |
| 60 | 19.104 | 2735 | 2740 | 2745 | rBV | 11924169 | 15591195 | 47.73% | 3.003% |
| 61 | 19.174 | 2747 | 2752 | 2756 | rVV | 5885332 | 7657105 | 23.44% | 1.475% |
| 62 | 19.251 | 2761 | 2765 | 2770 | rBV | 4635741 | 5974201 | 18.29% | 1.151% |
| 63 | 19.368 | 2782 | 2785 | 2792 | rVB | 2739312 | 4468121 | 13.68% | 0.861% |
| 64 | 19.439 | 2792 | 2797 | 2798 | rBV2 | 6161137 | 7782086 | 23.82% | 1.499% |
| 65 | 19.468 | 2798 | 2802 | 2811 | rVV | 15617838 | 23726573 | 72.64% | 4.570% |
| 66 | 19.556 | 2813 | 2817 | 2821 | rVB3 | 1455050 | 2304930 | 7.06% | 0.444% |
| 67 | 19.639 | 2828 | 2831 | 2835 | rBV2 | 1316015 | 1781075 | 5.45% | 0.343% |
| 68 | 19.798 | 2853 | 2858 | 2863 | rBV2 | 3293706 | 6787133 | 20.78% | 1.307% |
| 69 | 19.892 | 2870 | 2874 | 2877 | rBV2 | 2633574 | 3780290 | 11.57% | 0.728% |
| 70 | 19.933 | 2877 | 2881 | 2883 | rVV3 | 3009495 | 5049120 | 15.46% | 0.973% |
| 71 | 19.962 | 2884 | 2886 | 2893 | rVB2 | 4462937 | 5768265 | 17.66% | 1.111% |

LSC Area Percent Report

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Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

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_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 20.068 | 2900 | 2904 | 2909 | rVB | 2471321 | 3071392 | 9.40% | 0.592% |
| 73 | 20.121 | 2909 | 2913 | 2917 | rBV | 3754583 | 4987884 | 15.27% | 0.961% |
| 74 | 20.221 | 2926 | 2930 | 2934 | rBV2 | 4641338 | 6545690 | 20.04% | 1.261% |
| 75 | 20.262 | 2934 | 2937 | 2941 | rVV | 4199413 | 5830597 | 17.85% | 1.123% |
| 76 | 20.309 | 2941 | 2945 | 2949 | rVB2 | 3501149 | 4590115 | 14.05% | 0.884% |
| 77 | 20.715 | 3011 | 3014 | 3021 | rVB2 | 2487297 | 3974352 | 12.17% | 0.766% |
| 78 | 20.921 | 3046 | 3049 | 3052 | rBV | 1604304 | 1755342 | 5.37% | 0.338% |
| 79 | 20.974 | 3054 | 3058 | 3062 | rVV2 | 7509061 | 9216513 | 28.22% | 1.775% |
| 80 | 21.221 | 3095 | 3100 | 3106 | rBV2 | 16741208 | 32664191 | 100.00% | 6.292% |
| 81 | 21.274 | 3106 | 3109 | 3116 | rVV | 13693532 | 18264273 | 55.92% | 3.518% |
| 82 | 21.356 | 3120 | 3123 | 3126 | rVB | 1767253 | 1855896 | 5.68% | 0.358% |
| 83 | 21.592 | 3161 | 3163 | 3167 | rVB3 | 2216668 | 2462845 | 7.54% | 0.474% |
| 84 | 21.727 | 3184 | 3186 | 3189 | rBV | 1285846 | 1131786 | 3.46% | 0.218% |
| 85 | 21.786 | 3190 | 3196 | 3201 | rVB | 5359437 | 8453254 | 25.88% | 1.628% |
| 86 | 21.833 | 3201 | 3204 | 3206 | rBV | 3024548 | 3705684 | 11.34% | 0.714% |
| 87 | 21.862 | 3206 | 3209 | 3218 | rVB3 | 10980076 | 19359392 | 59.27% | 3.729% |
| 88 | 21.974 | 3225 | 3228 | 3231 | rBV | 2780305 | 3560486 | 10.90% | 0.686% |
| 89 | 22.792 | 3361 | 3367 | 3370 | rBV2 | 10722519 | 22357501 | 68.45% | 4.307% |
| 90 | 22.862 | 3376 | 3379 | 3388 | rVB4 | 6234644 | 10172868 | 31.14% | 1.960% |
| 91 | 22.956 | 3390 | 3395 | 3401 | rVV | 4182828 | 7468221 | 22.86% | 1.439% |
| 92 | 23.256 | 3441 | 3446 | 3451 | rBV | 8073312 | 14684398 | 44.96% | 2.829% |
| 93 | 23.309 | 3451 | 3455 | 3458 | rVV | 3408603 | 6083429 | 18.62% | 1.172% |
| 94 | 23.356 | 3458 | 3463 | 3471 | rVB | 13131865 | 23945176 | 73.31% | 4.613% |
| 95 | 23.444 | 3474 | 3478 | 3483 | rVB | 3151830 | 4880283 | 14.94% | 0.940% |
| 96 | 24.027 | 3574 | 3577 | 3584 | rVB | 3374352 | 5682223 | 17.40% | 1.095% |
| 97 | 24.103 | 3586 | 3590 | 3597 | rVB3 | 3119318 | 6034999 | 18.48% | 1.163% |
| 98 | 24.780 | 3701 | 3705 | 3712 | rVB5 | 3147001 | 6187628 | 18.94% | 1.192% |
| 99 | 25.674 | 3847 | 3857 | 3869 | rVB | 7547818 | 26810288 | 82.08% | 5.164% |
| 100 | 26.350 | 3964 | 3972 | 3987 | rVB | 5711831 | 17827017 | 54.58% | 3.434% |

Sum of corrected areas: 519130764

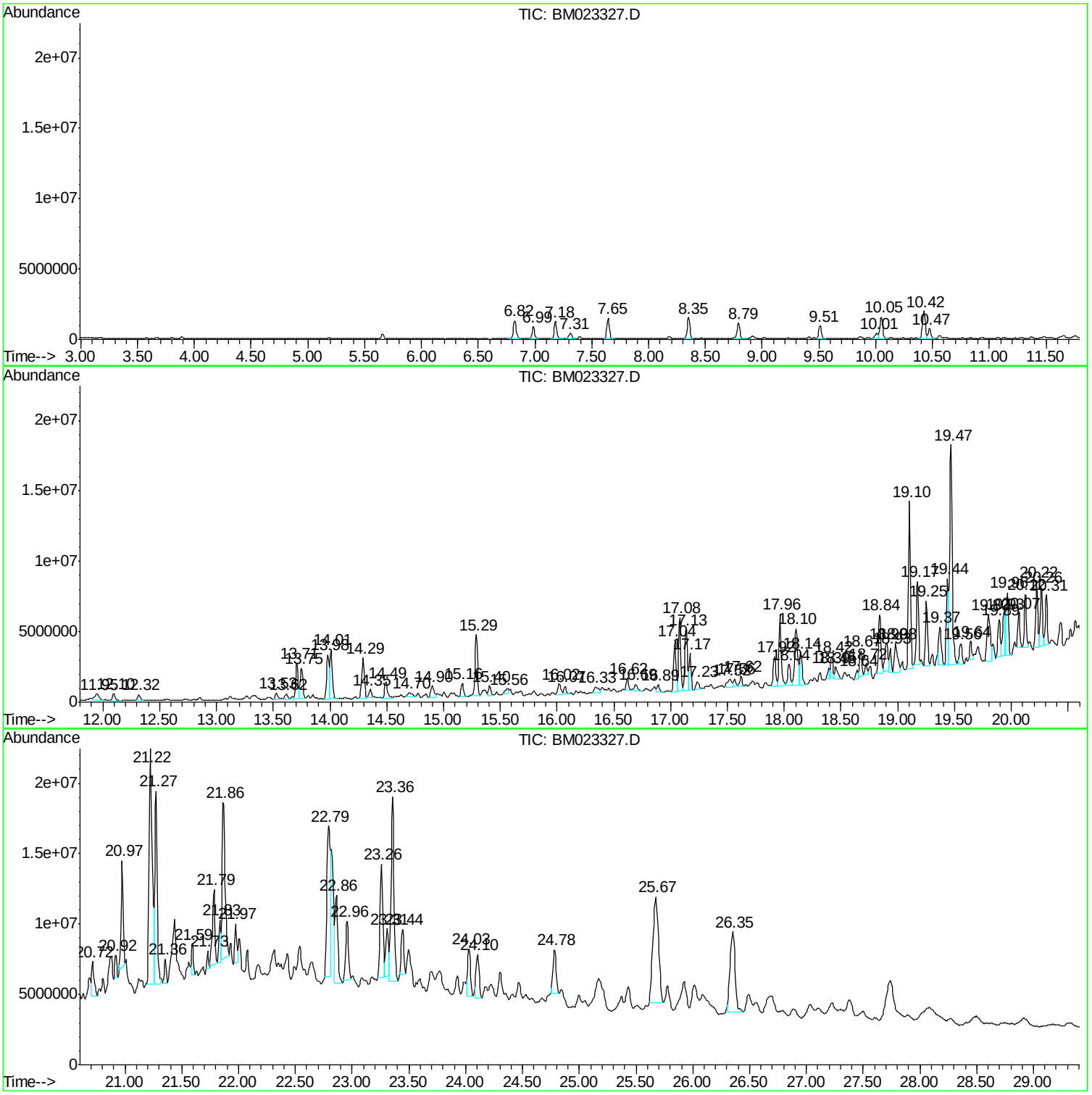
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

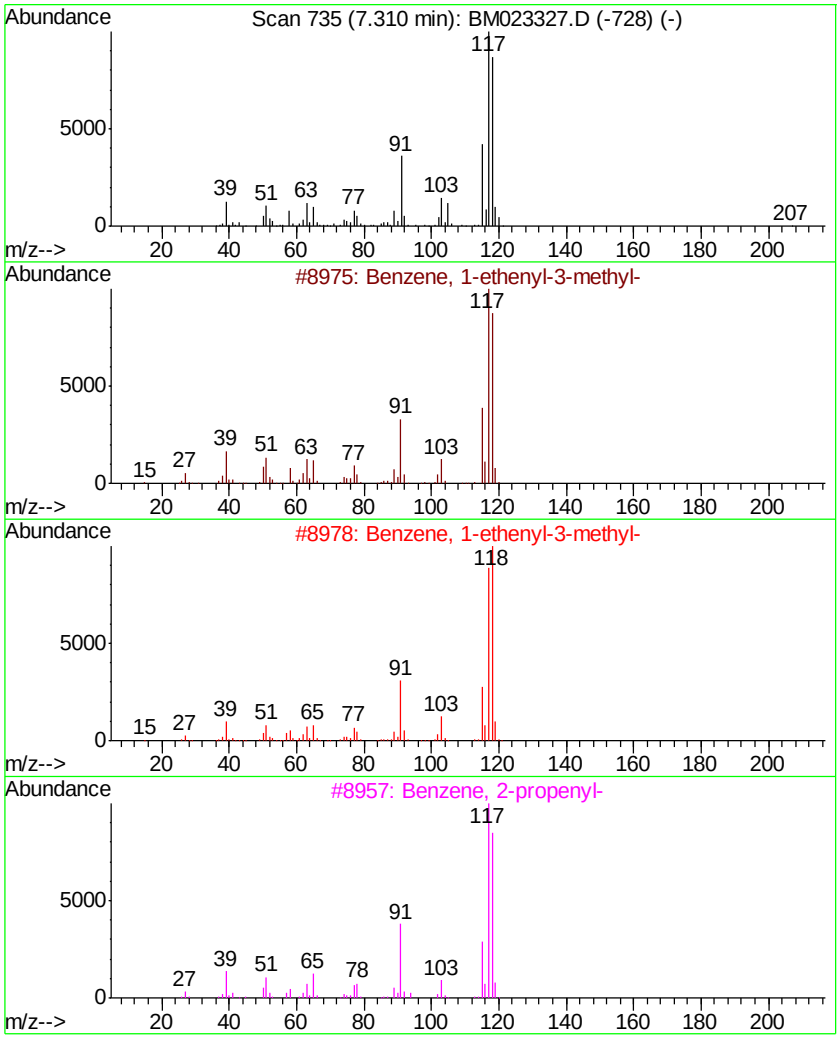
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

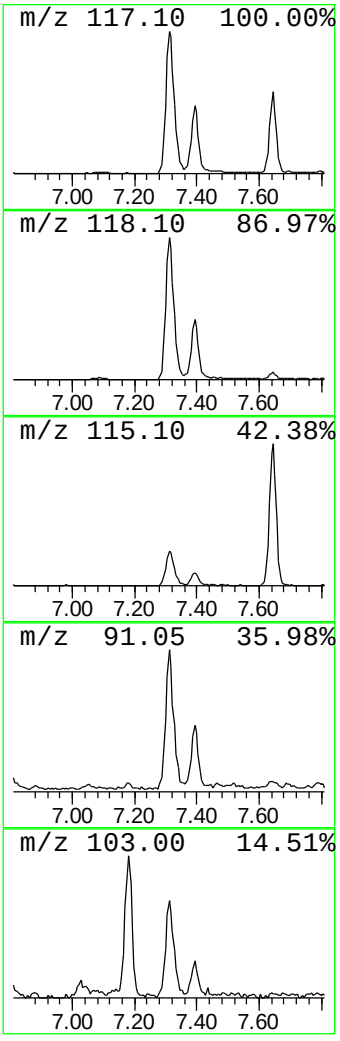
**********

Peak Number 1 Benzene, 1-ethenyl-3-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.31 | 7.17 ng/ul | 836366 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 2 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 95 |
| 4 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 95 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 94 |



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**Instrument :** BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

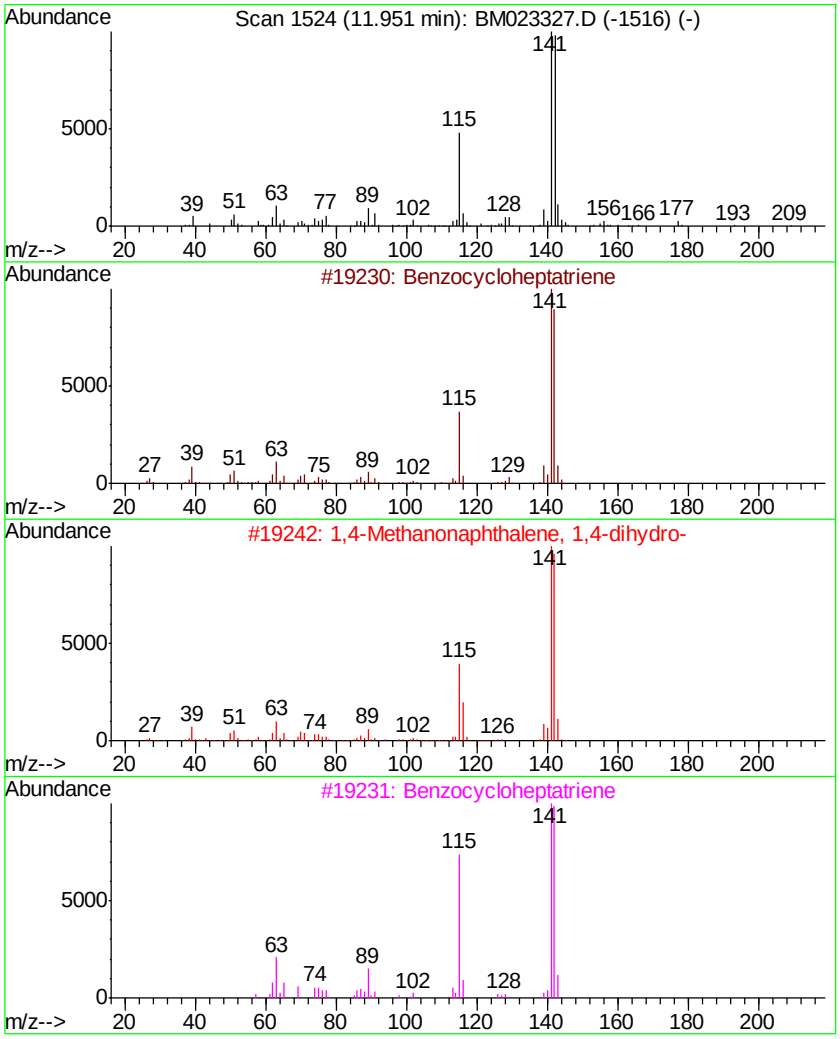
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

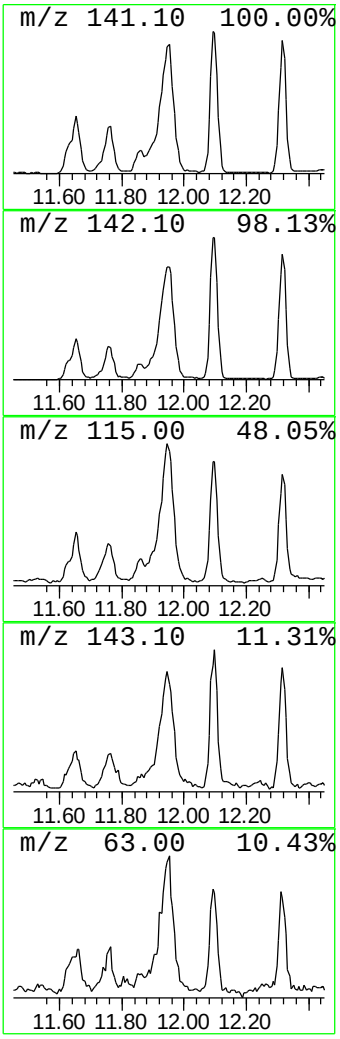
**********

Peak Number 2 Benzocycloheptatriene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.95 | 8.15 ng/ul | 1376350 | Naphthalene-d8 | 10.42 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 94 |
| 2 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |
| 3 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 93 |
| 4 | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10 | 002443-46-1 | 90 |
| 5 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

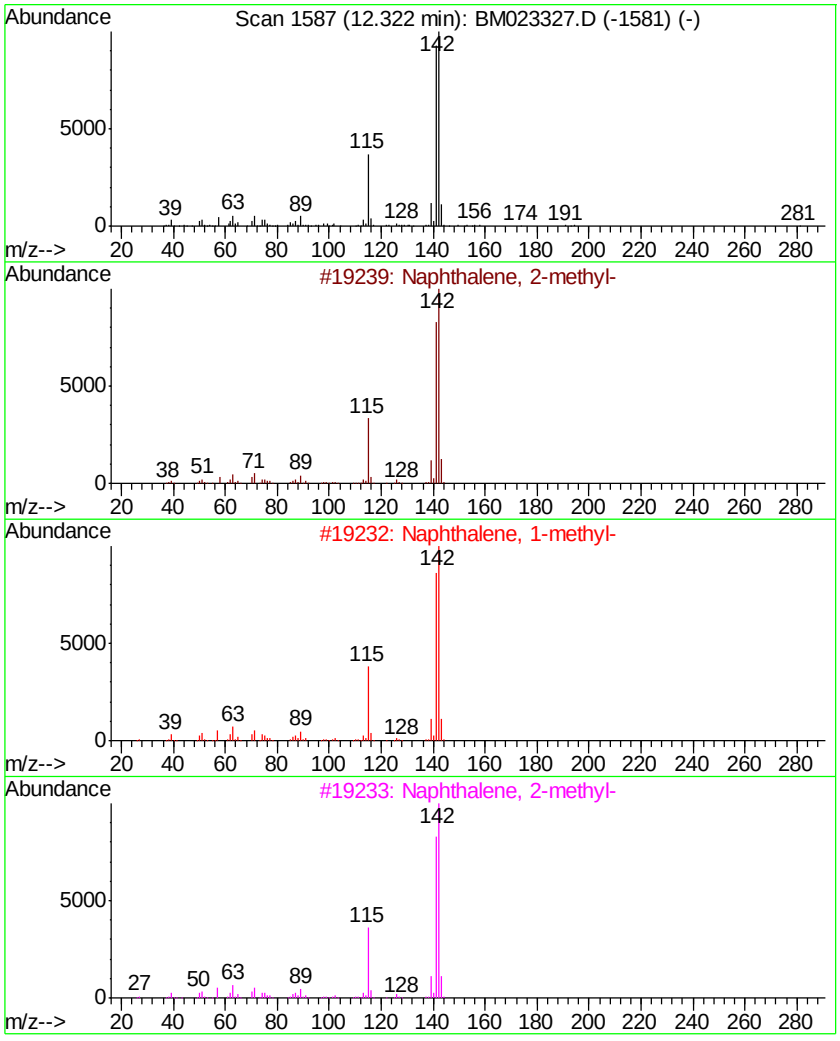
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

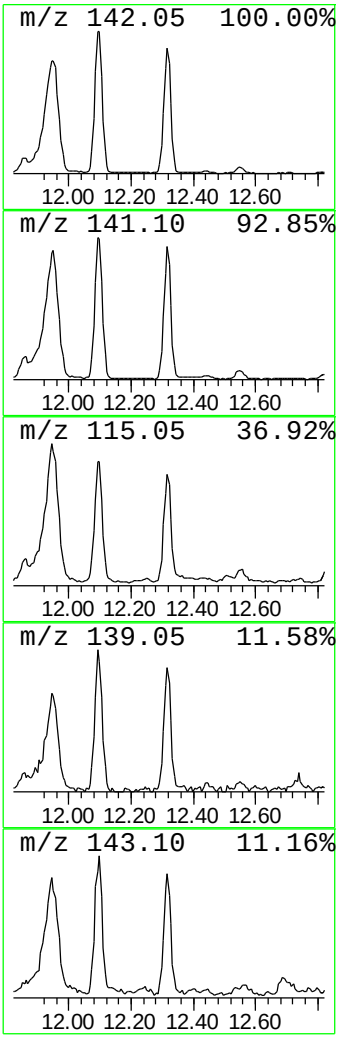
**********

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.32 | 3.73 ng/ul | 630811 | Naphthalene-d8 | 10.42 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 94 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 91 |



Library Search Compound Report

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**Instrument :** BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

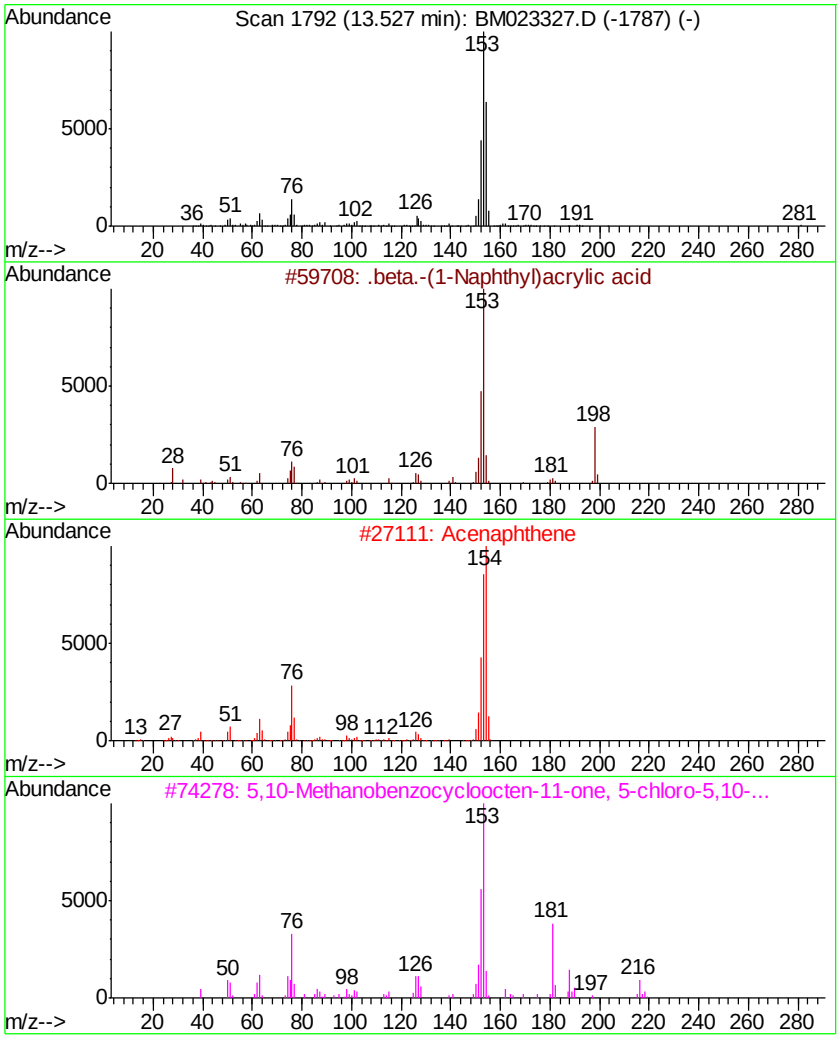
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

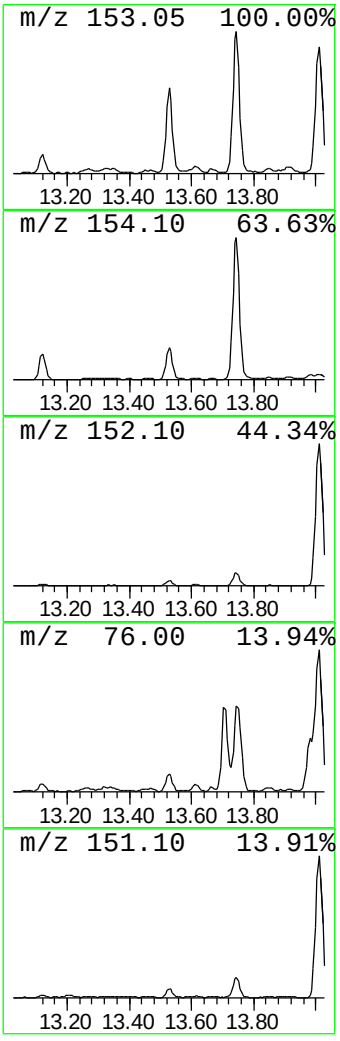
**********

Peak Number 4 .beta.-(1-Naphthyl)acrylic ... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.53 | 3.45 ng/ul | 782946 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .beta.-(1-Naphthyl)acrylic acid | 198 | C13H10O2 | 013026-12-5 | 64 |
| 2 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 60 |
| 3 | 5,10-Methanobenzocycloocten-11-o... | 216 | C13H9ClO | 033655-73-1 | 59 |
| 4 | 1,4-Ethenonaphthalene, 1,4-dihydro- | 154 | C12H10 | 007322-47-6 | 59 |
| 5 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 55 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
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Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

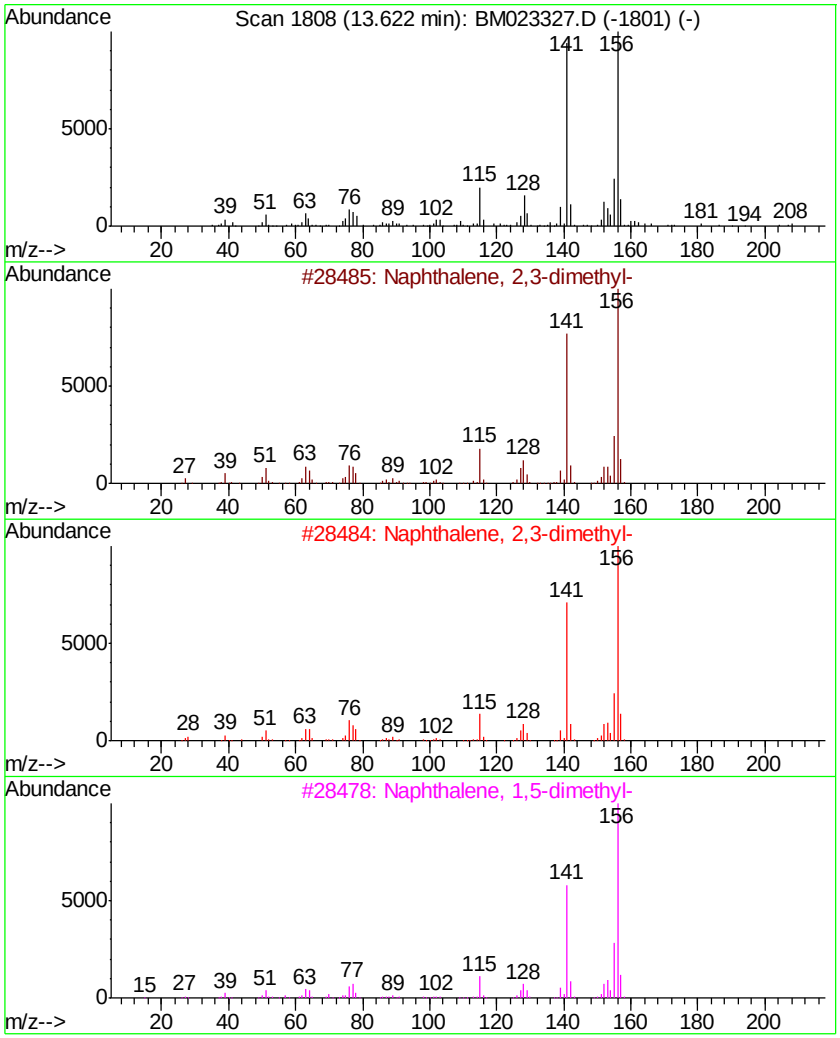
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

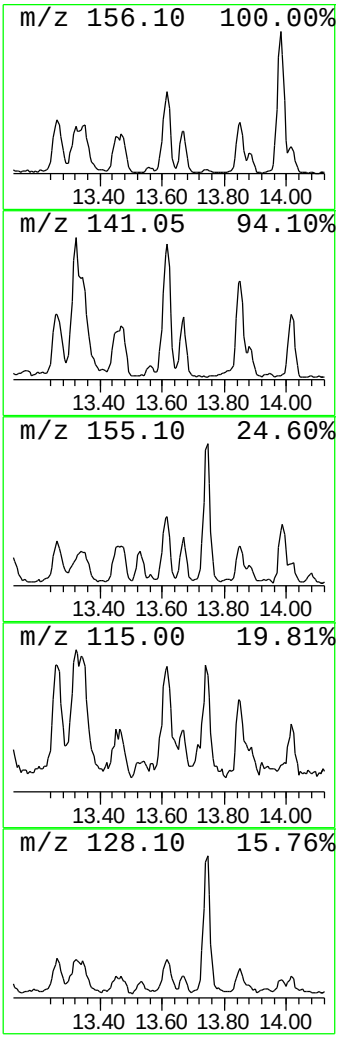
**********

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.62 | 2.96 ng/ul | 670644 | Acenaphthene-d10 | 14.29 |

| 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, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

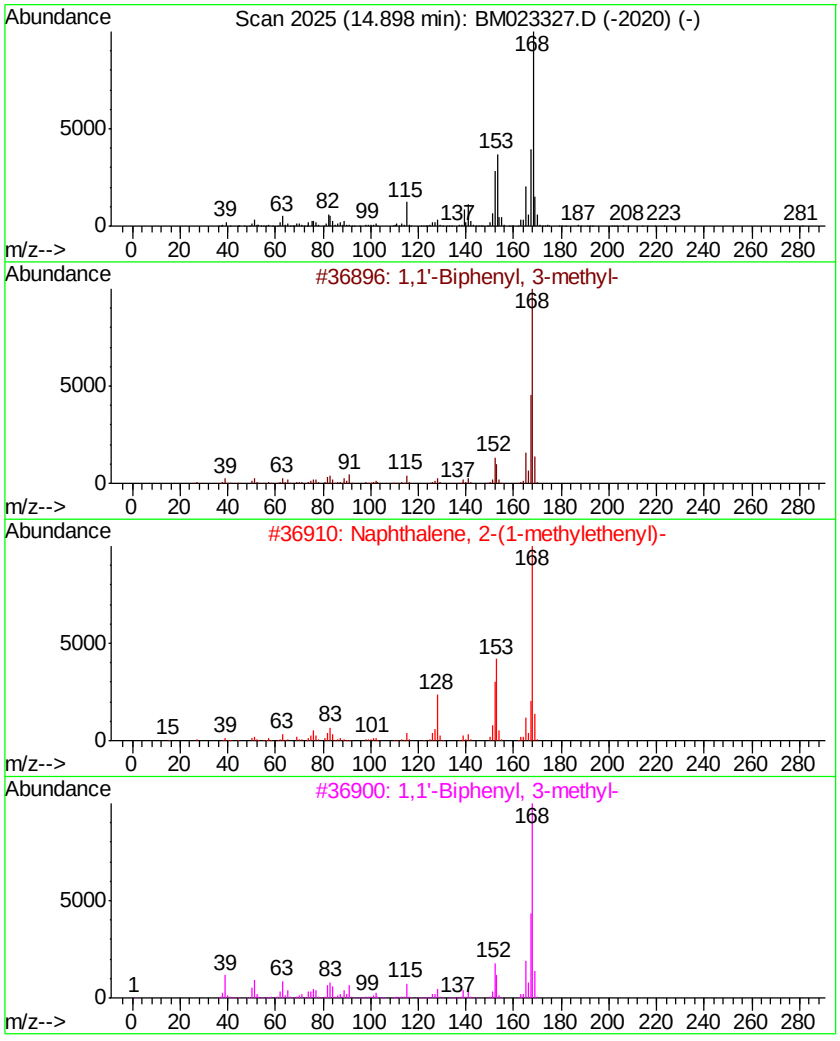
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

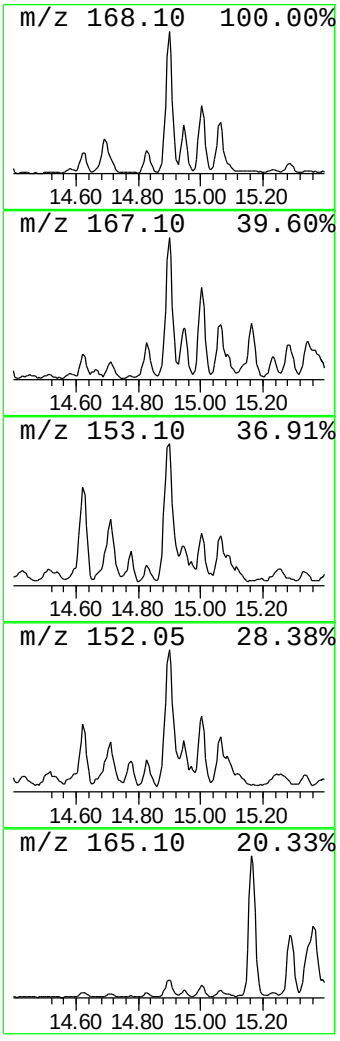
**********

Peak Number 6 1,1'-Biphenyl, 3-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.90 | 7.60 ng/ul | 1723060 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 87 |
| 2 | Naphthalene, 2-(1-methylethenyl)- | 168 | C13H12 | 003710-23-4 | 64 |
| 3 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 64 |
| 4 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 58 |
| 5 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 52 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

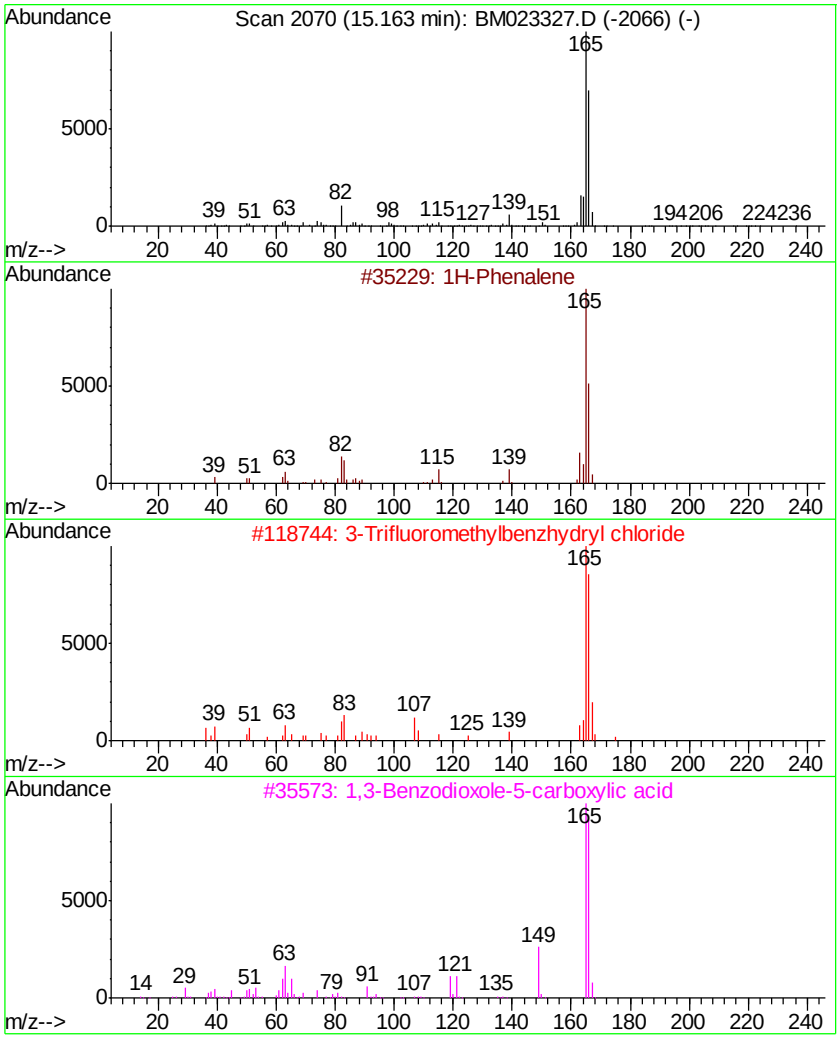
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

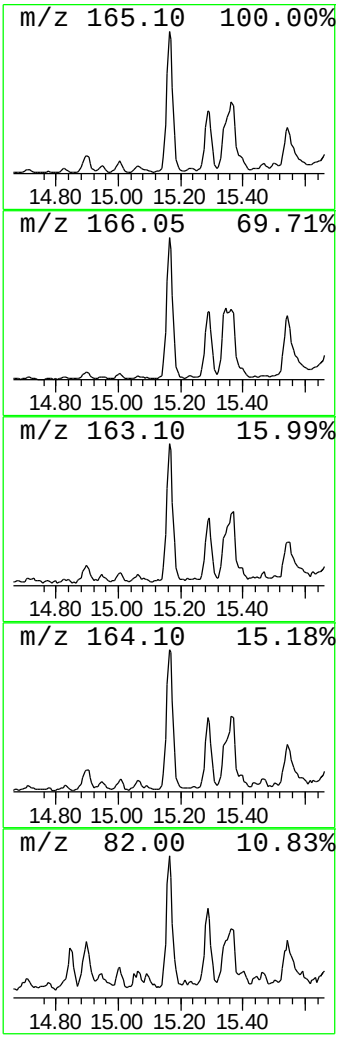
**********

Peak Number 7 1H-Phenalene Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.16 | 6.42 ng/ul | 1455960 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Phenalene | 166 | C13H10 | 000203-80-5 | 78 |
| 2 | 3-Trifluoromethylbenzhydryl chlo... | 270 | C14H10ClF3 | 067240-79-3 | 78 |
| 3 | 1,3-Benzodioxole-5-carboxylic acid | 166 | C8H6O4 | 000094-53-1 | 64 |
| 4 | Fluorene | 166 | C13H10 | 000086-73-7 | 50 |
| 5 | Fluorene | 166 | C13H10 | 000086-73-7 | 50 |



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Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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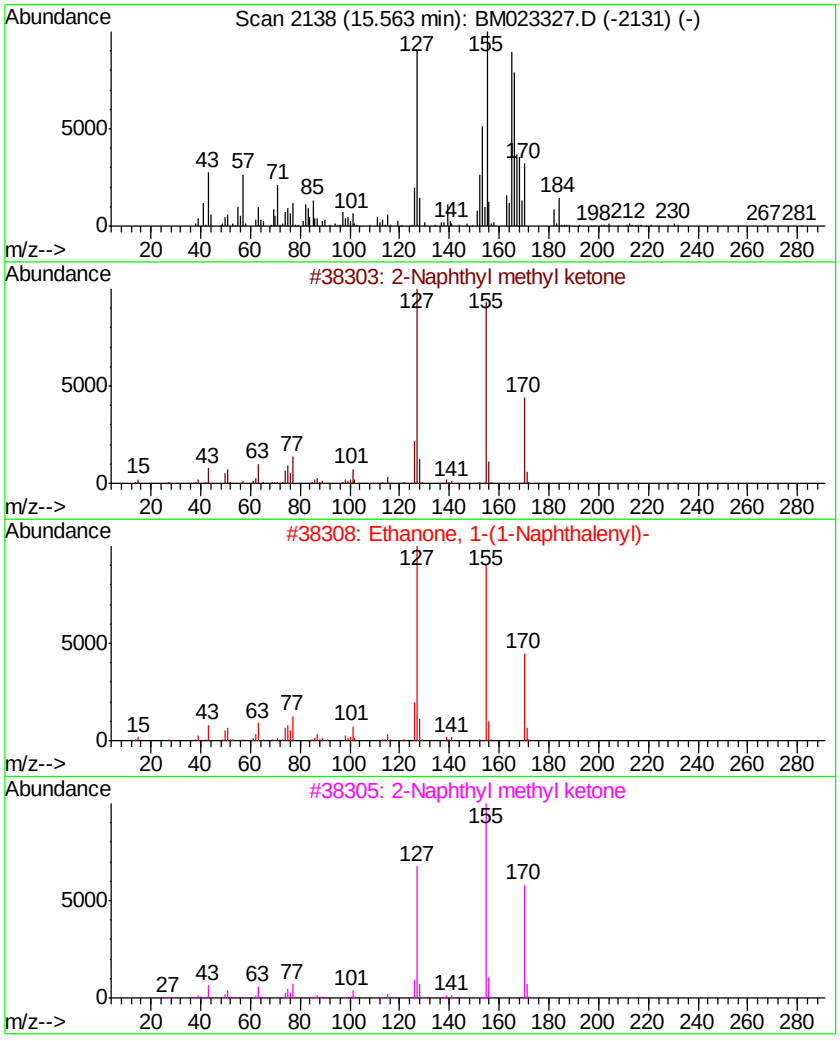
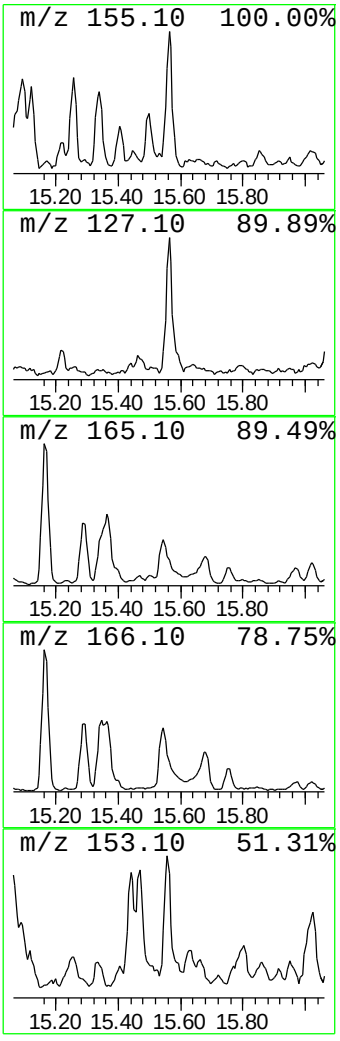
Peak Number 8 2-Naphthyl methyl ketone Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.56 | 3.64 ng/ul | 825562 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Naphthyl methyl ketone | 170 | C12H10O | 000093-08-3 | 93 |
| 2 | Ethanone, 1-(1-Naphthalenyl)- | 170 | C12H10O | 000941-98-0 | 70 |
| 3 | 2-Naphthyl methyl ketone | 170 | C12H10O | 000093-08-3 | 42 |
| 4 | Fluorene | 166 | C13H10 | 000086-73-7 | 42 |
| 5 | Fluorene | 166 | C13H10 | 000086-73-7 | 42 |



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Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

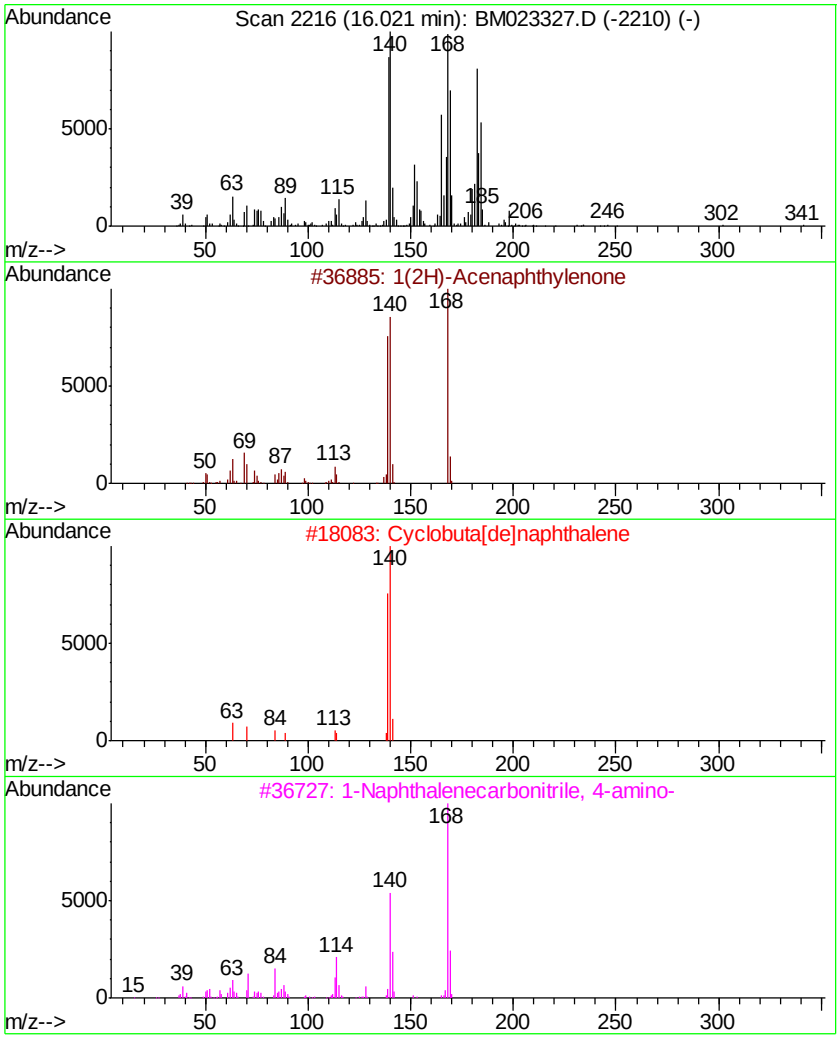
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

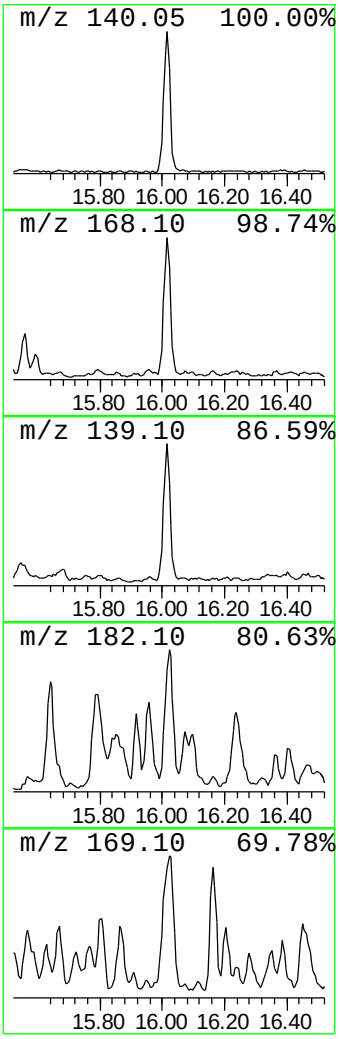
**********

Peak Number 9 1(2H)-Acenaphthylenone Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.02 | 5.88 ng/ul | 1539620 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 60 |
| 2 | Cyclobuta[de]naphthalene | 140 | C11H8 | 024973-91-9 | 30 |
| 3 | 1-Naphthalenecarbonitrile, 4-amino- | 168 | C11H8N2 | 058728-64-6 | 27 |
| 4 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 27 |
| 5 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 15 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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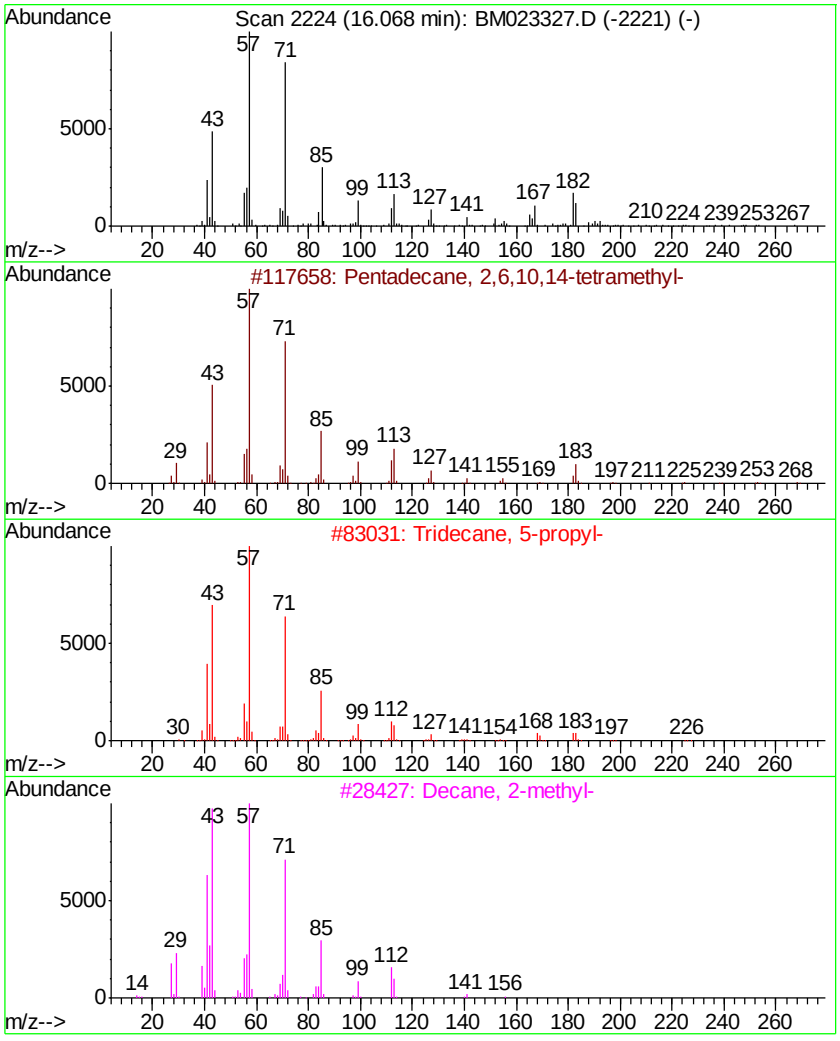
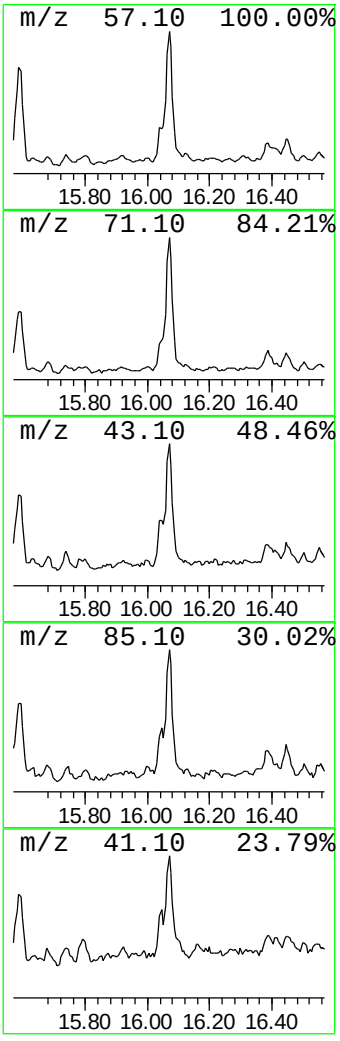
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.07 | 2.75 ng/ul | 720474 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 87 |
| 2 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 74 |
| 3 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 72 |
| 4 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 64 |
| 5 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 59 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

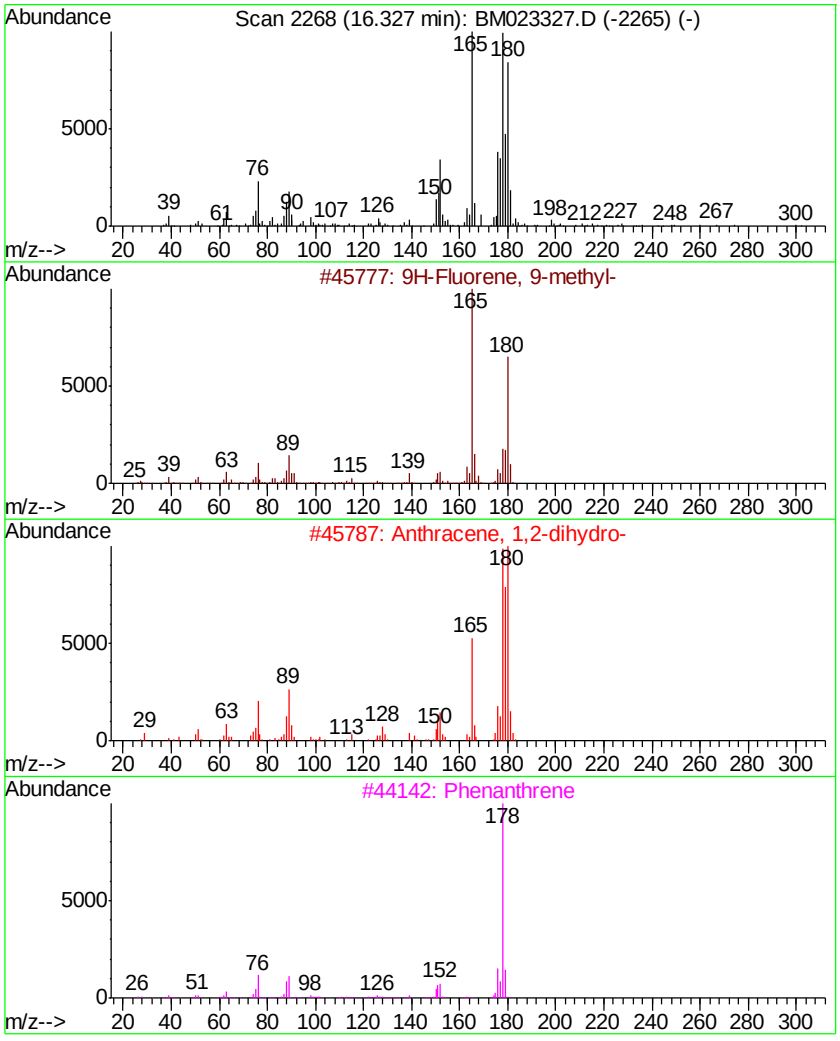
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

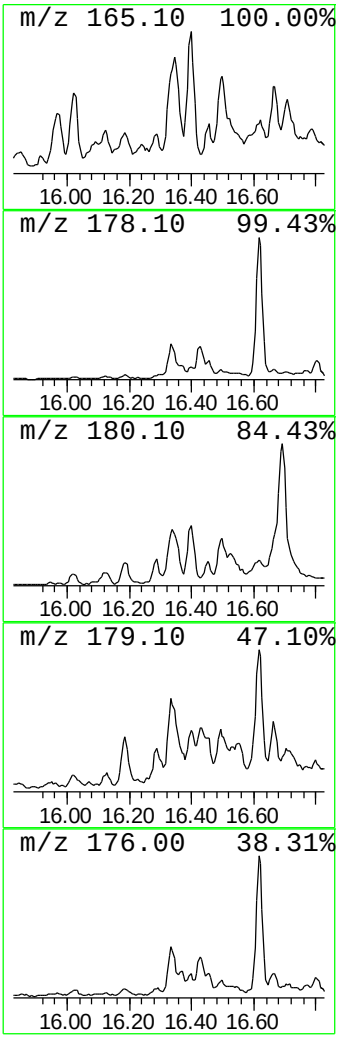
**********

Peak Number 11 9H-Fluorene, 9-methyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.33 | 4.54 ng/ul | 1190230 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 83 |
| 2 | Anthracene, 1,2-dihydro- | 180 | C14H12 | 058746-82-0 | 78 |
| 3 | Phenanthrene | 178 | C14H10 | 000085-01-8 | 70 |
| 4 | 3H-Benz[e]indene, 2-methyl- | 180 | C14H12 | 150096-60-9 | 55 |
| 5 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

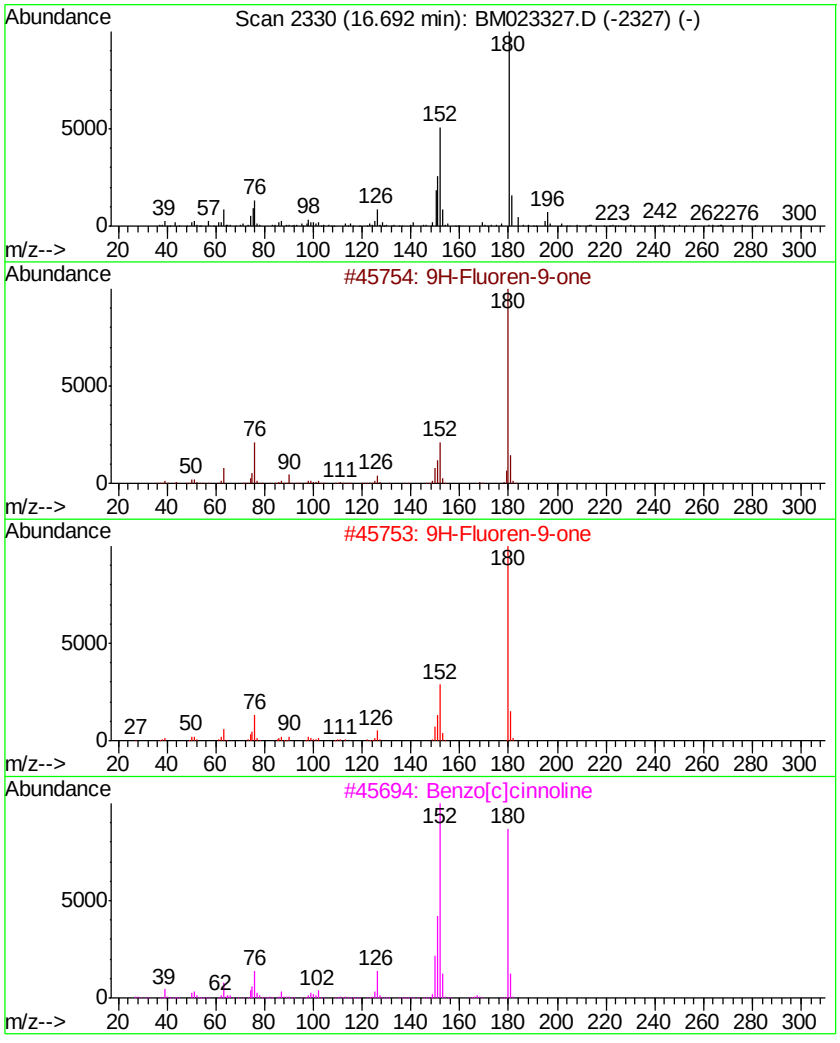
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

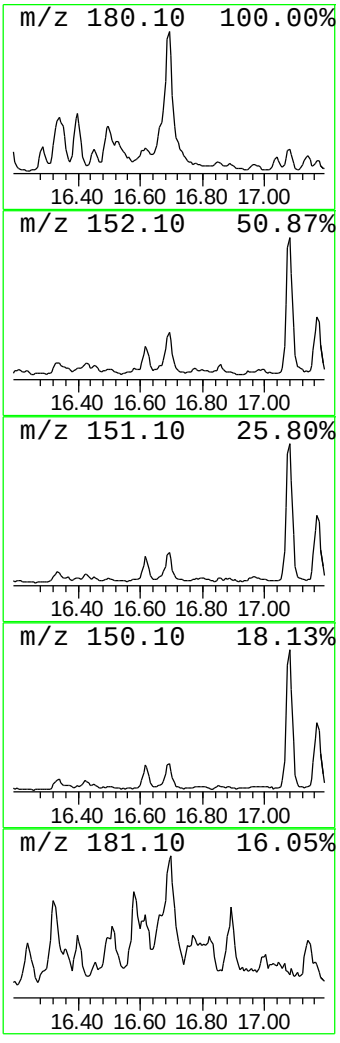
**********

Peak Number 13 9H-Fluoren-9-one Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.69 | 3.41 ng/ul | 892209 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 91 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 91 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 91 |
| 4 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 91 |
| 5 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 91 |



# Library Search Compound Report

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Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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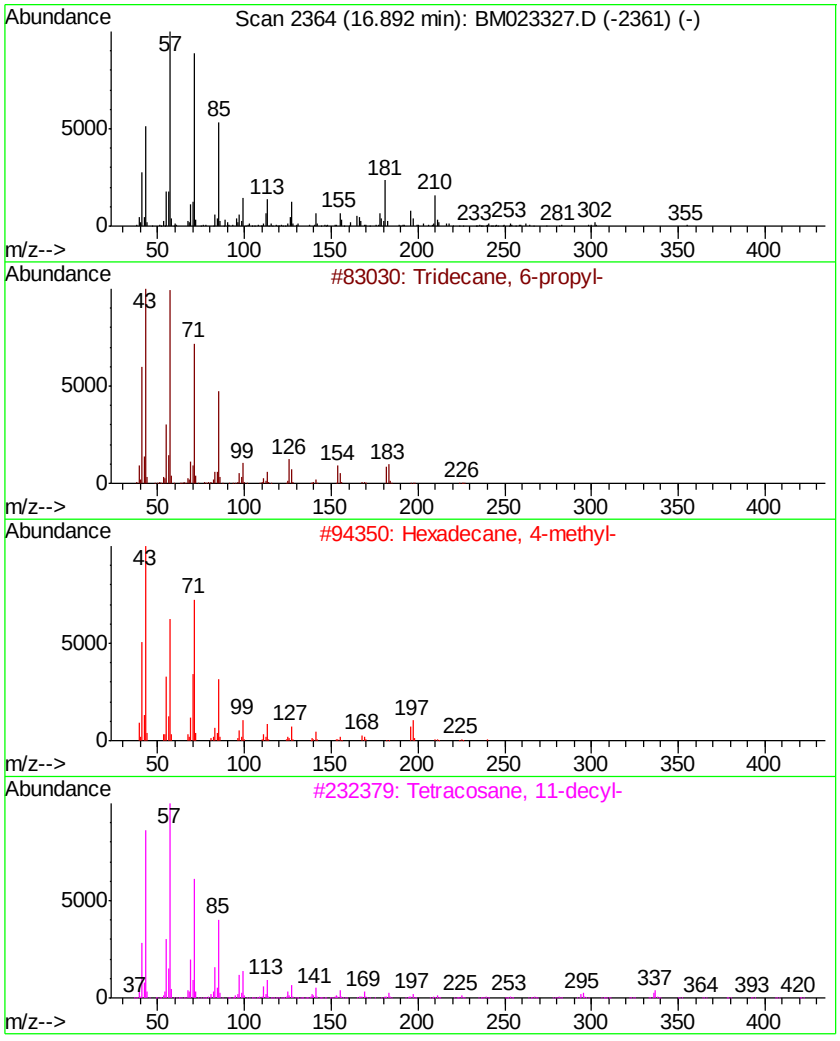
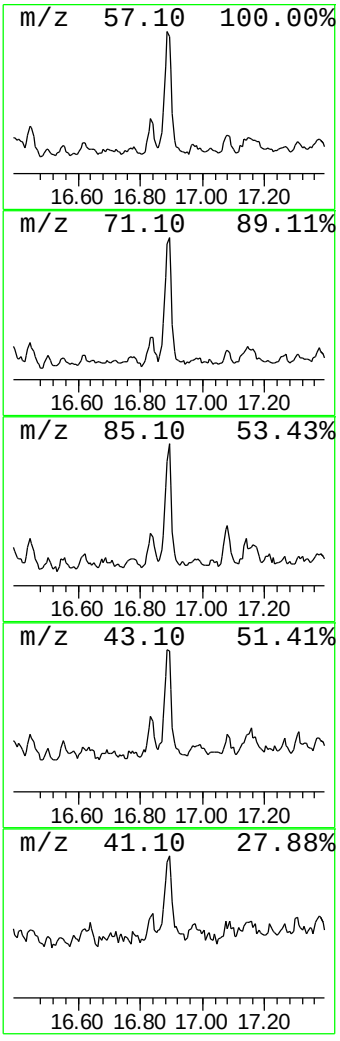
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.89 | 2.74 ng/ul | 718007 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 81 |
| 2 | Hexadecane, 4-methyl- | 240 | C17H36 | 025117-26-4 | 74 |
| 3 | Tetracosane, 11-decyl- | 479 | C34H70 | 055429-84-0 | 72 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 72 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

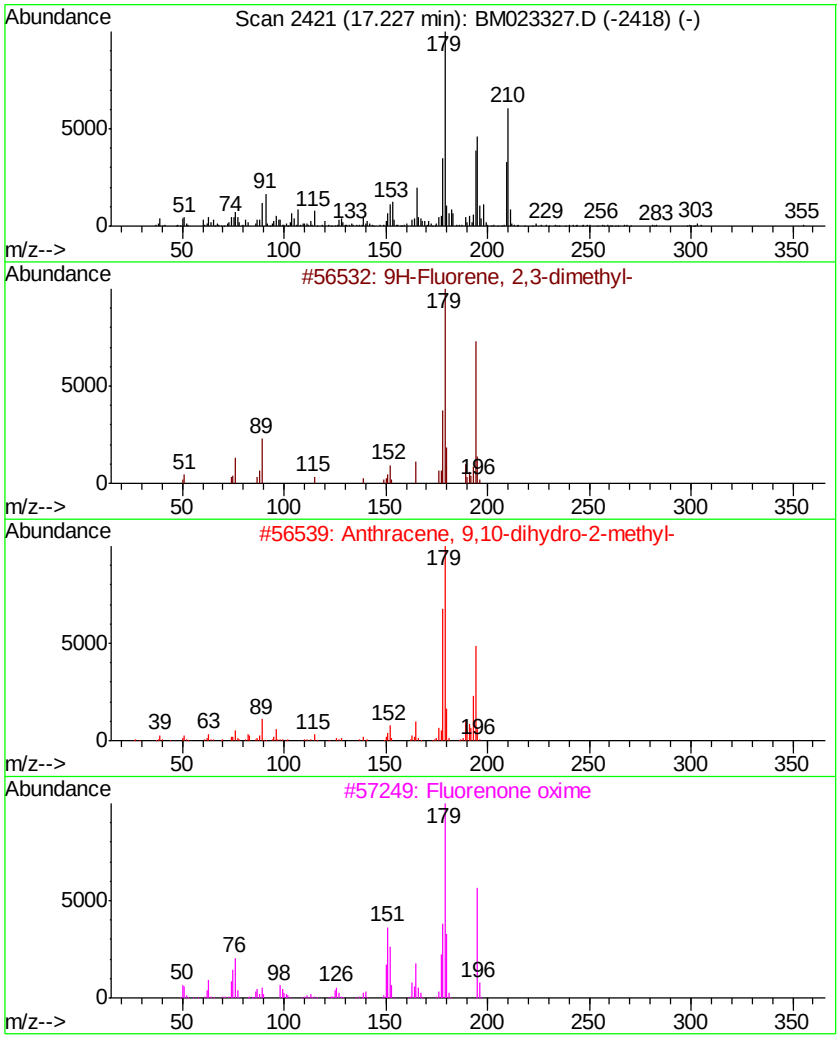
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

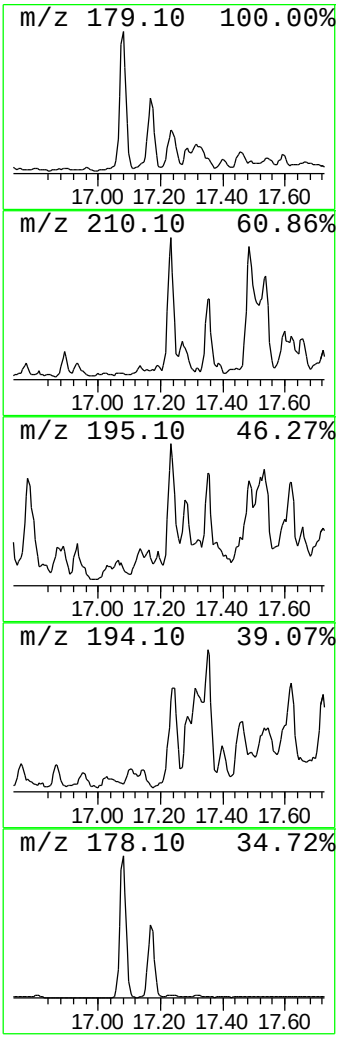
**********

Peak Number 15 9H-Fluorene, 2,3-dimethyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.23 | 3.89 ng/ul | 1017620 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2,3-dimethyl- | 194 | C15H14 | 004612-63-9 | 55 |
| 2 | Anthracene, 9,10-dihydro-2-methyl- | 194 | C15H14 | 000948-67-4 | 50 |
| 3 | Fluorenone oxime | 195 | C13H9NO | 002157-52-0 | 46 |
| 4 | 9H-Fluorene, 9,9-dimethyl- | 194 | C15H14 | 004569-45-3 | 45 |
| 5 | 9H-Fluorene, 1,9-dimethyl- | 194 | C15H14 | 017057-98-6 | 38 |



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Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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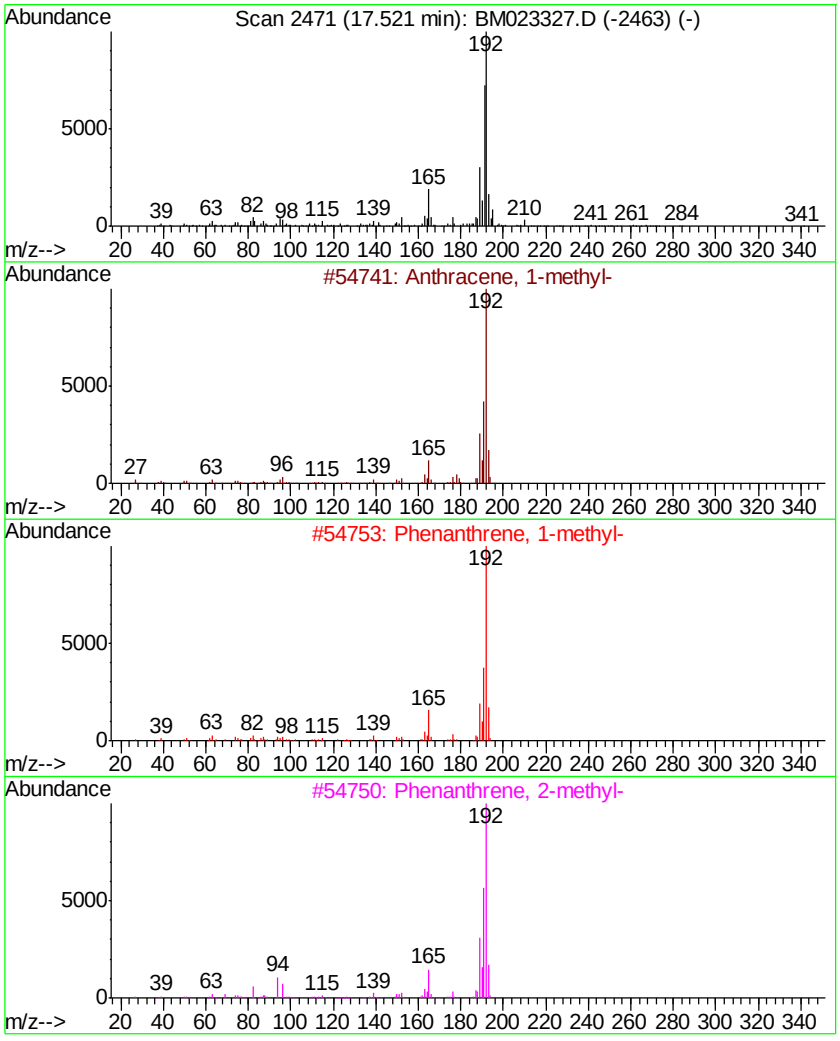
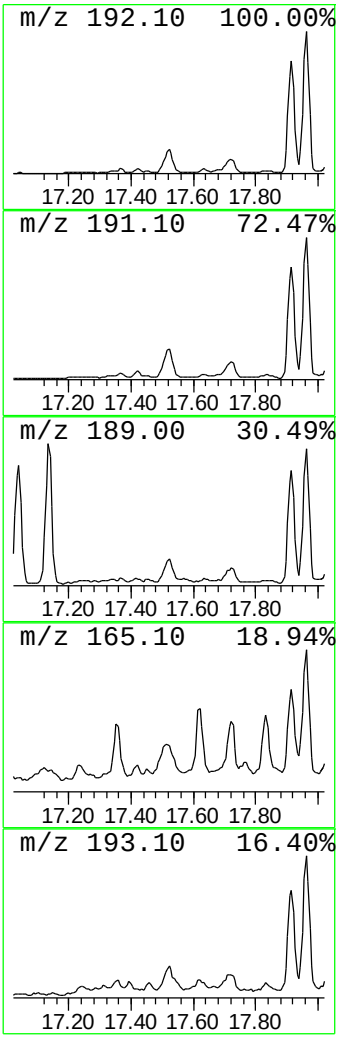
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.52 | 5.67 ng/ul | 1484090 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 93 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 91 |
| 5 | Benzene, 1,1'-(2-cyclopropen-1-y... | 192 | C15H12 | 022825-21-4 | 89 |



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Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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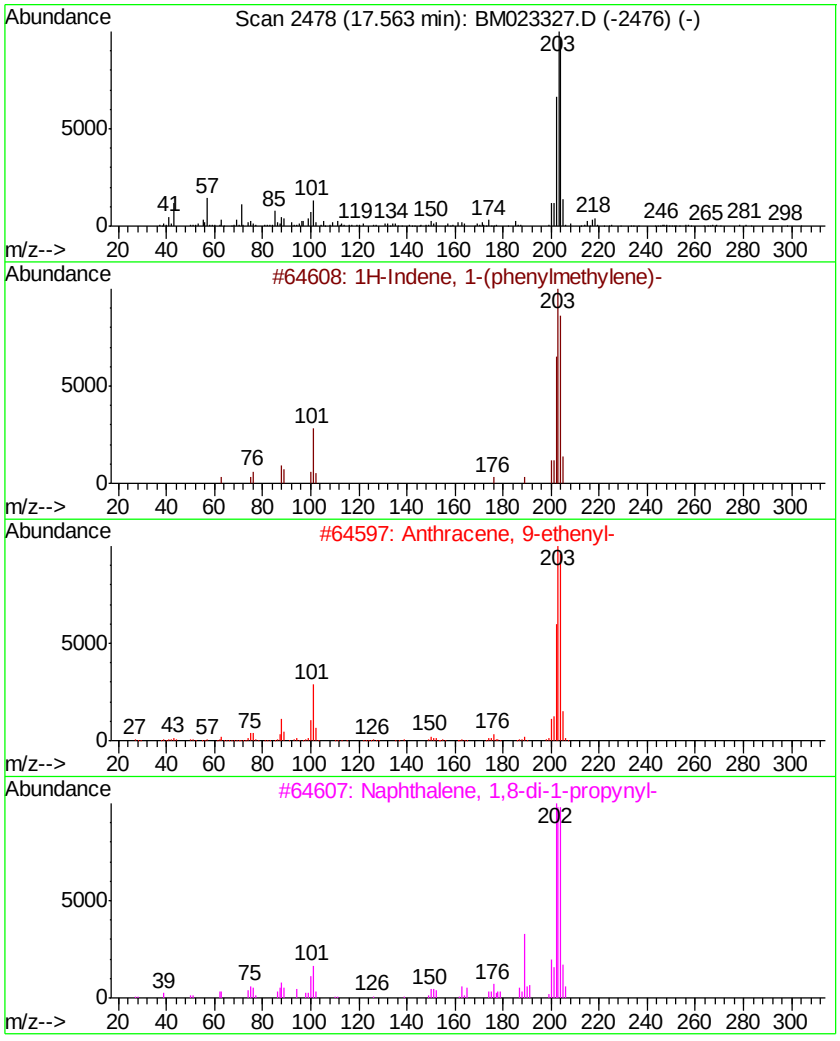
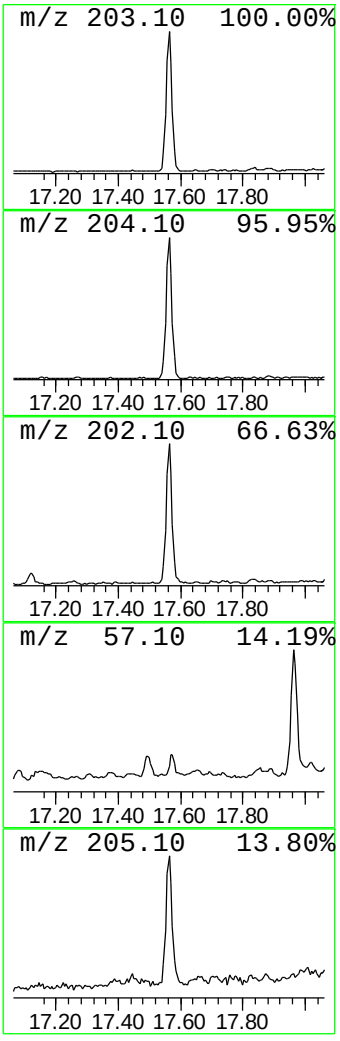
Peak Number 17 1H-Indene, 1-(phenylmethyle... Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.56 | 2.61 ng/ul | 682717 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1-(phenylmethylene)- | 204 | C16H12 | 005394-86-5 | 68 |
| 2 | Anthracene, 9-ethenyl- | 204 | C16H12 | 002444-68-0 | 64 |
| 3 | Naphthalene, 1,8-di-1-propynyl- | 204 | C16H12 | 022360-77-6 | 59 |
| 4 | Cyclobuta[1'',2'':3,4:3'',4'':3'... | 204 | C16H12 | 006574-36-3 | 59 |
| 5 | Dibenzo[a,e]cyclooctene | 204 | C16H12 | 000262-89-5 | 59 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

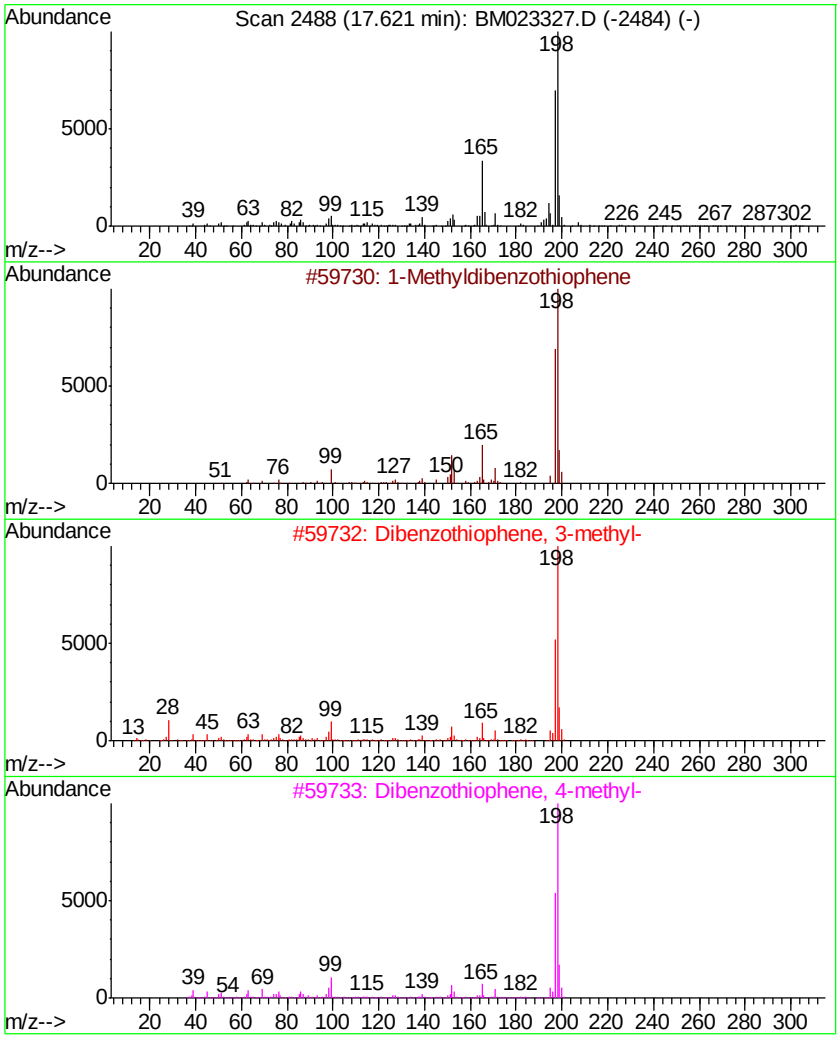
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

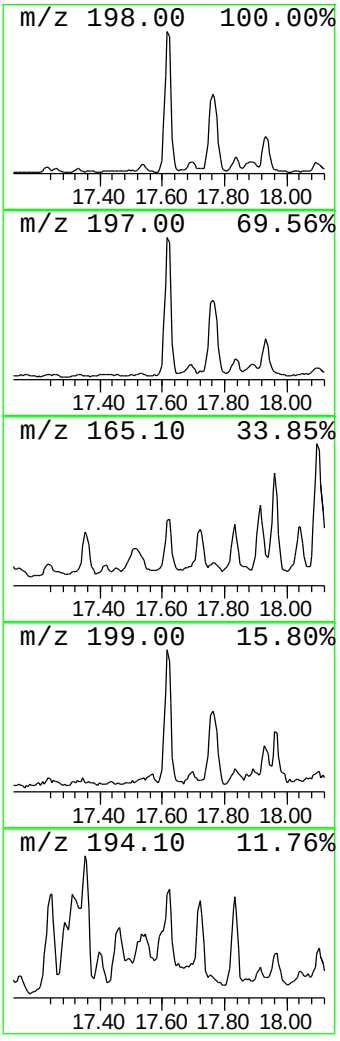
**********

Peak Number 18 1-Methyldibenzothiophene Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.62 | 3.92 ng/ul | 1027770 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 80 |
| 2 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 74 |
| 3 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 74 |
| 4 | Tacrine | 198 | C13H14N2 | 000321-64-2 | 59 |
| 5 | Pyridine, 4-(4-dimethylaminophen... | 198 | C13H14N2 | 001137-80-0 | 59 |



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Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

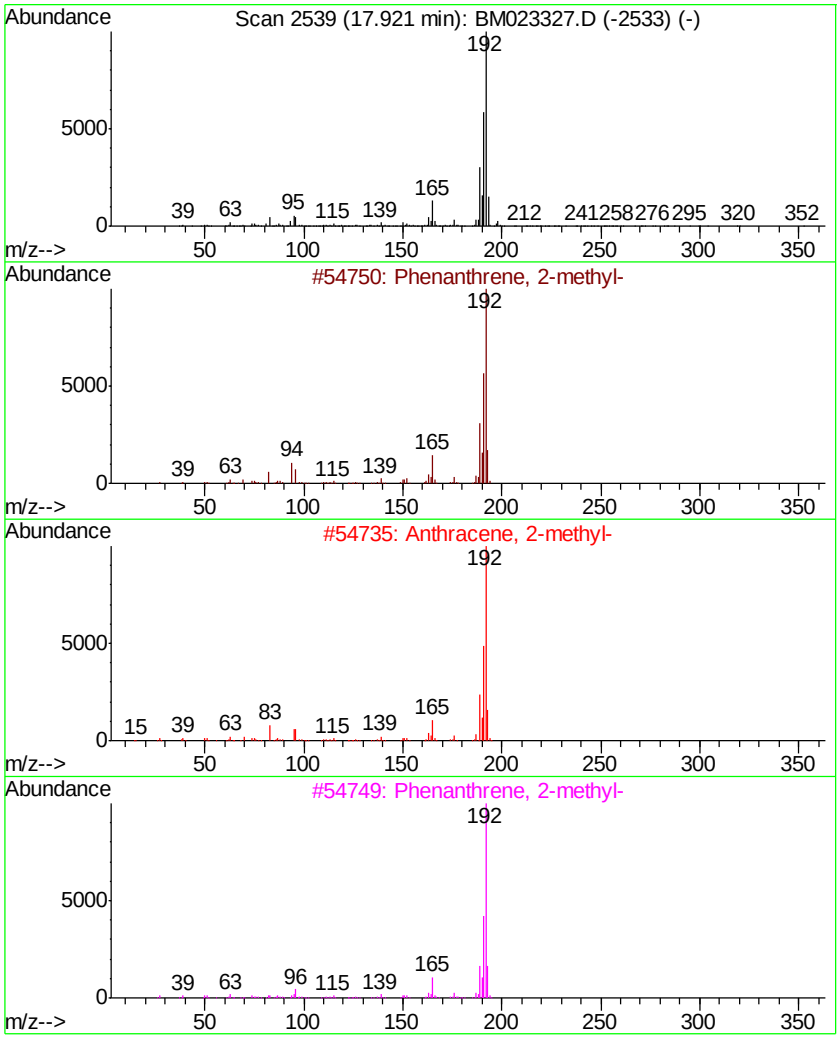
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

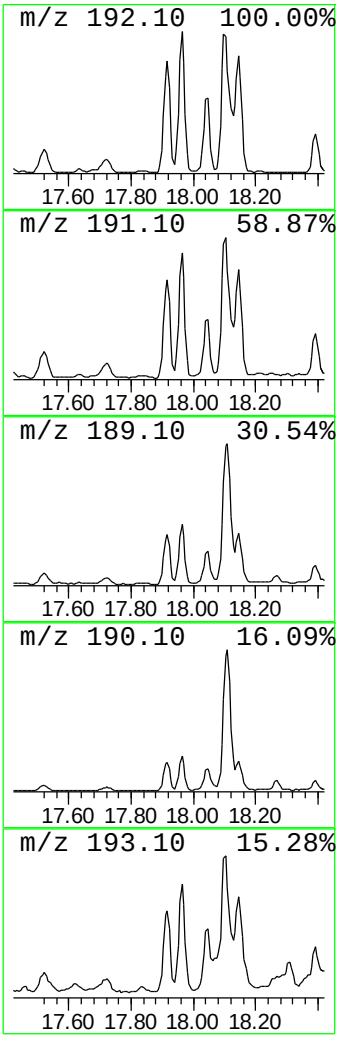
**********

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.92 | 12.48 ng/ul | 3268840 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |



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Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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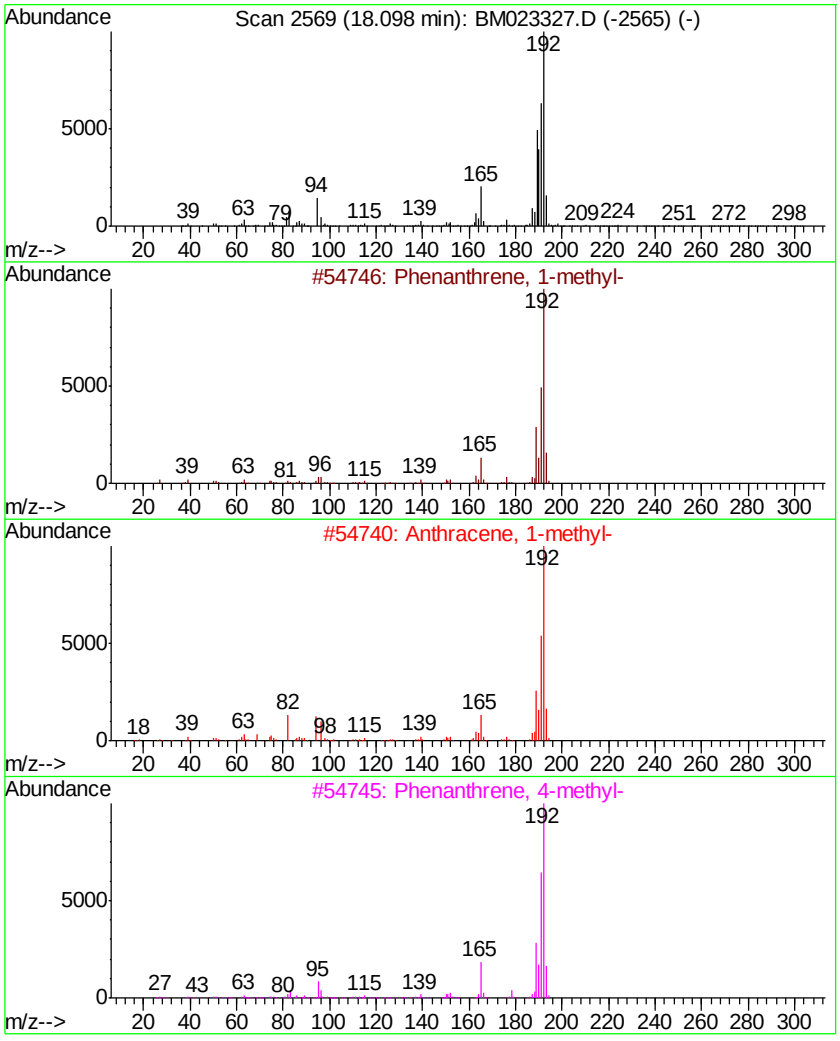
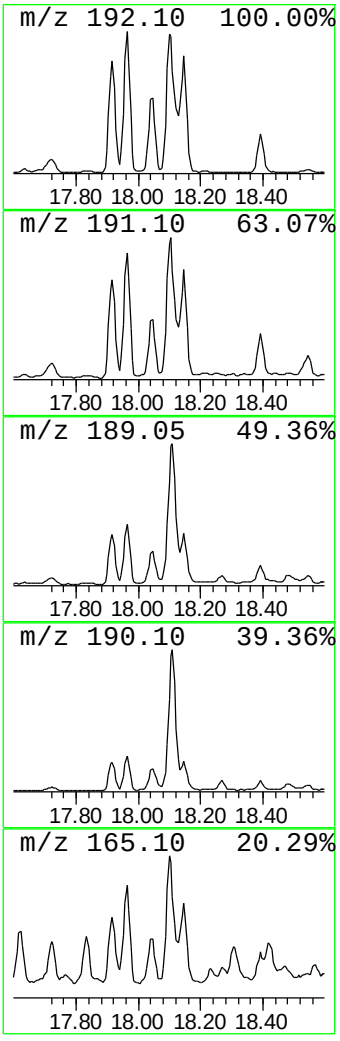
Peak Number 22 Phenanthrene, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.10 | 28.99 ng/ul | 7594010 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 83 |
| 3 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 78 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 78 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 78 |



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Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

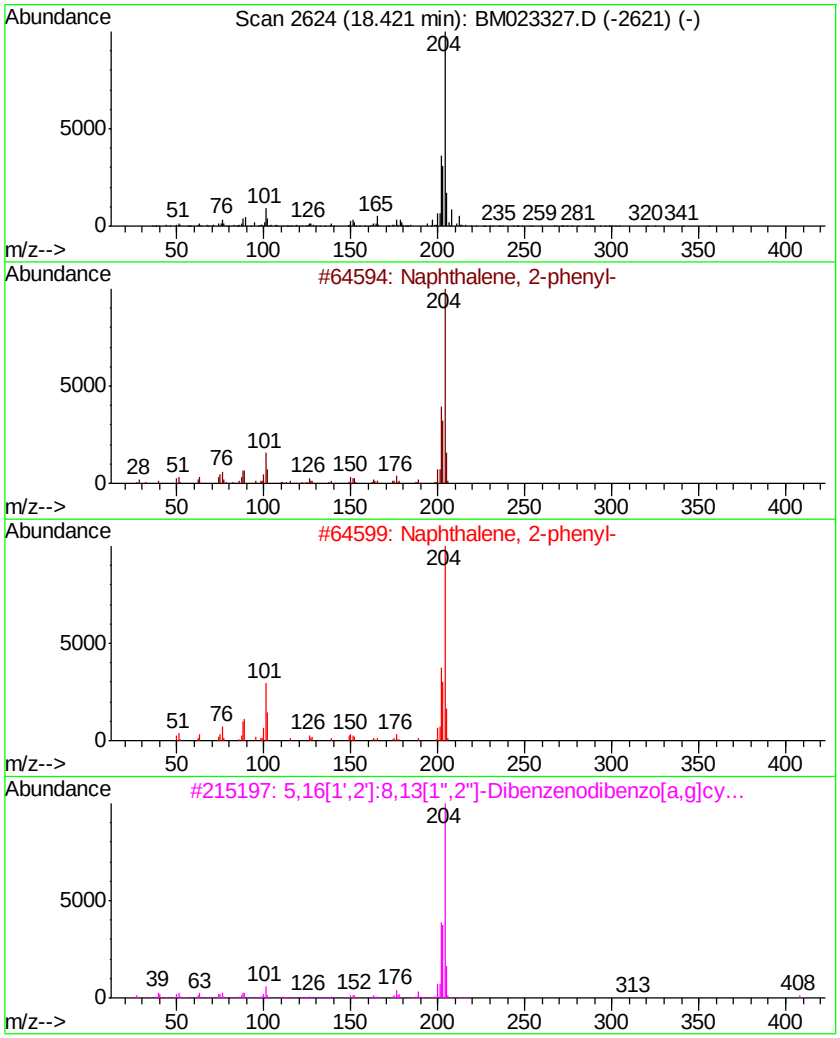
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

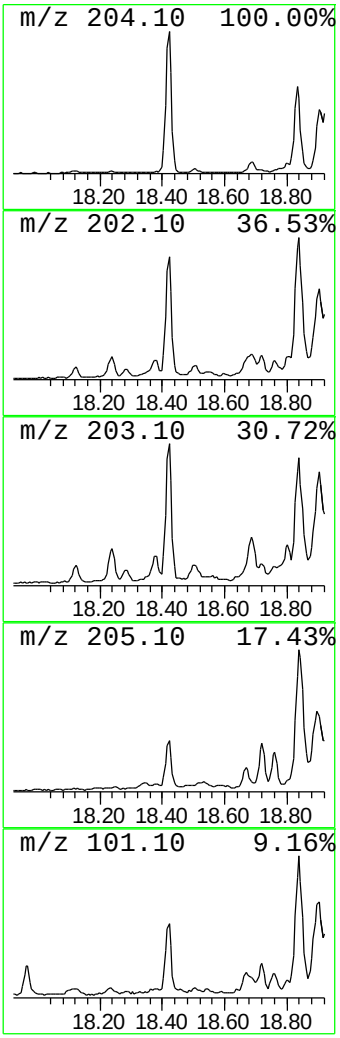
**********

Peak Number 25 Naphthalene, 2-phenyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.42 | 7.55 ng/ul | 1977740 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 89 |
| 3 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 86 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 81 |
| 5 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

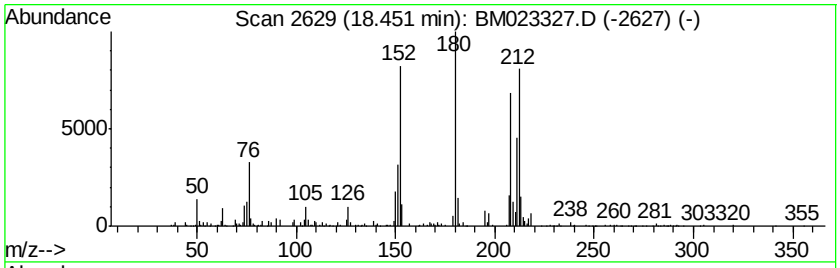
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

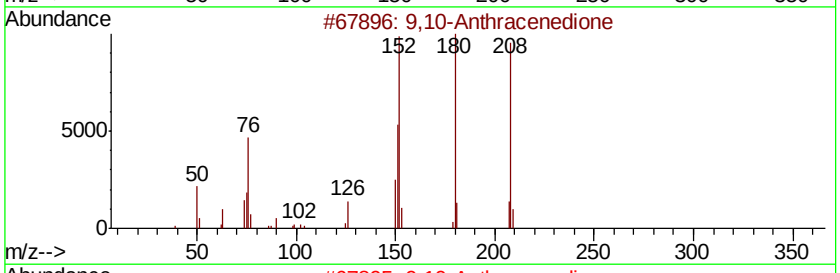
**********

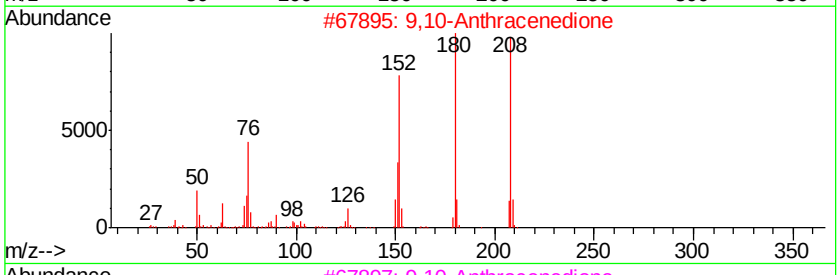
Peak Number 26 9,10-Anthracenedione Concentration Rank 23

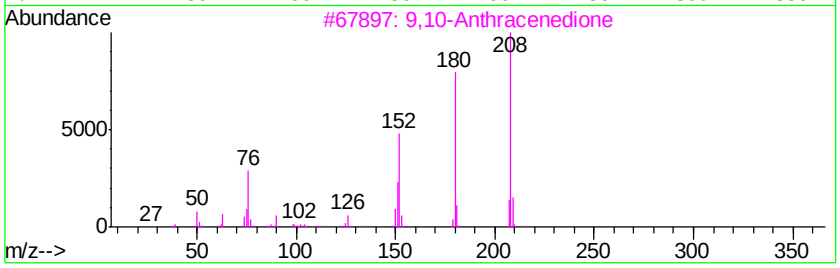
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.45 | 5.81 ng/ul | 1521370 | Phenanthrene-d10 | 17.04 |

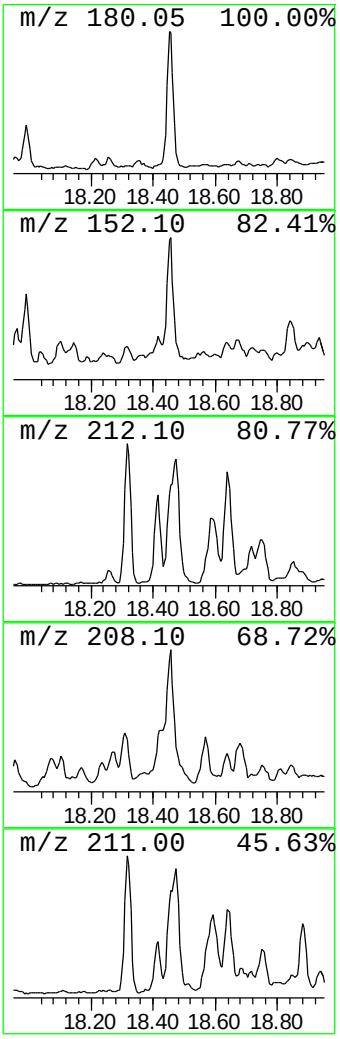
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 96 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 90 |
| 4 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 64 |
| 5 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

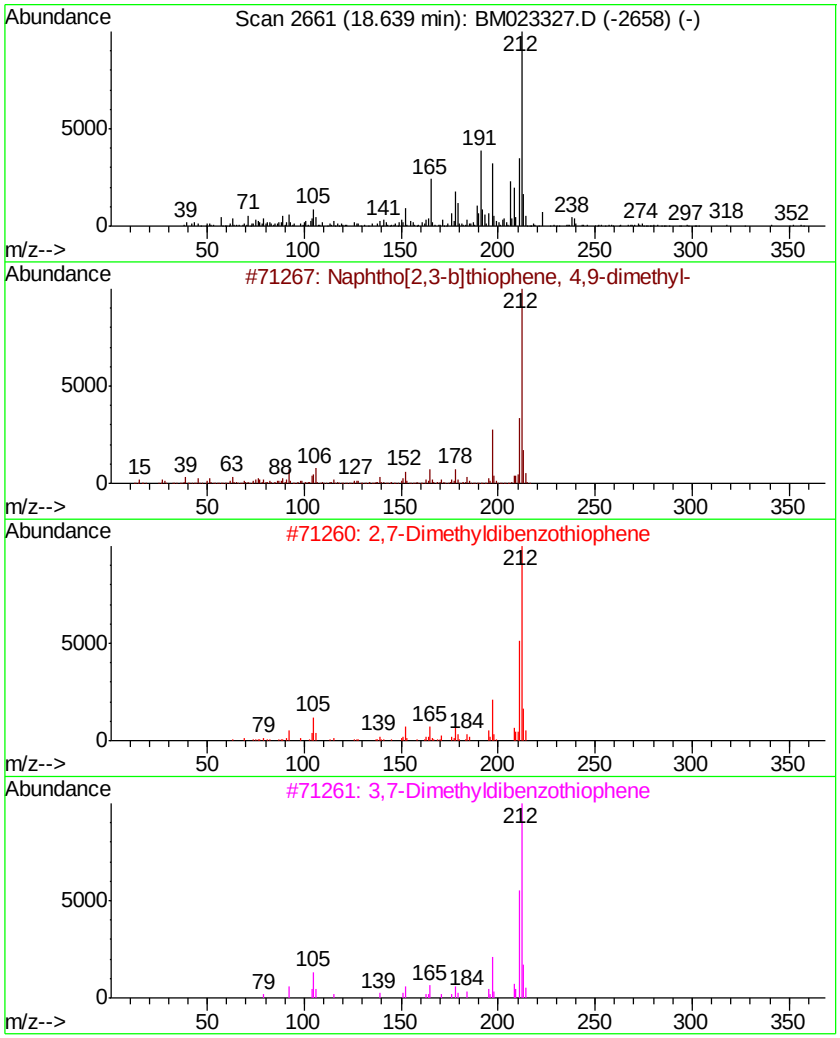
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

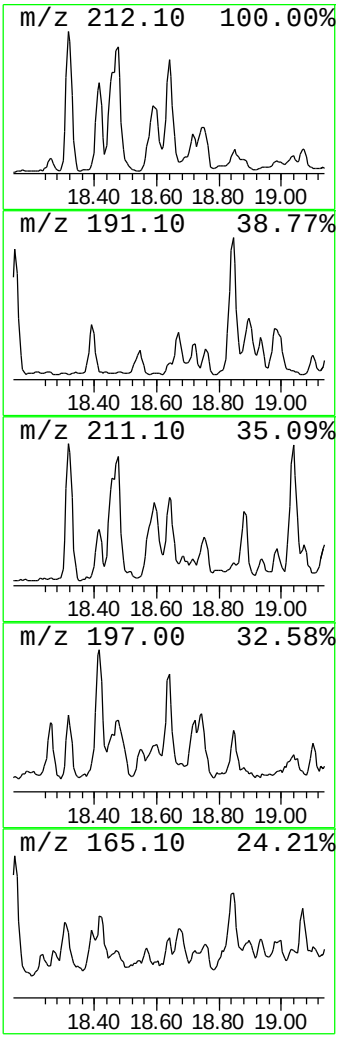
**********

Peak Number 27 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.64 | 3.09 ng/ul | 809011 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[2,3-b]thiophene, 4,9-dim... | 212 | C14H12S | 016587-34-1 | 60 |
| 2 | 2,7-Dimethyldibenzothiophene | 212 | C14H12S | 031317-19-8 | 55 |
| 3 | 3,7-Dimethyldibenzothiophene | 212 | C14H12S | 001136-85-2 | 49 |
| 4 | 9-Acridinamine, 1,2,3,4-tetrahyd... | 212 | C14H16N2 | 1000337-15-9 | 46 |
| 5 | 1,7-Dimethyldibenzothiophene | 212 | C14H12S | 089816-53-5 | 46 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

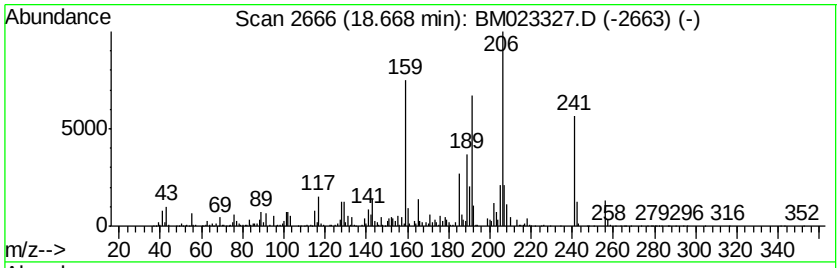
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

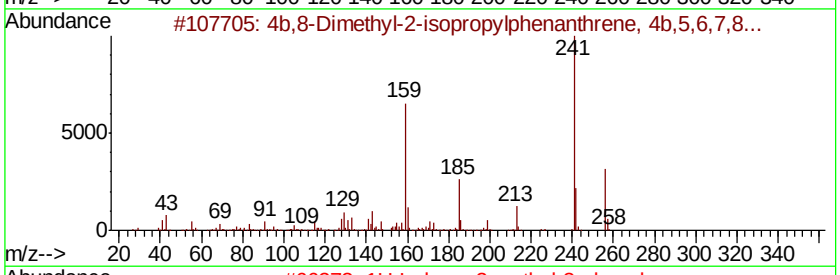
**********

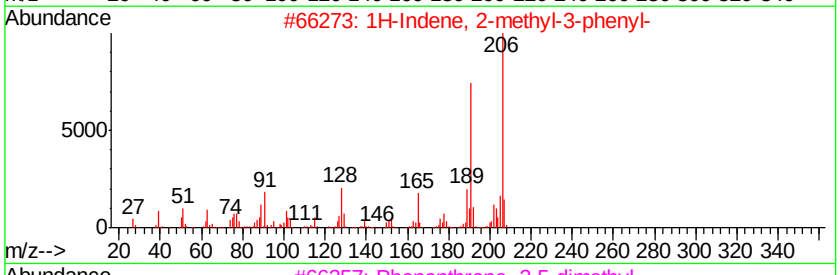
Peak Number 28 4b,8-Dimethyl-2-isopropylph... Concentration Rank 14

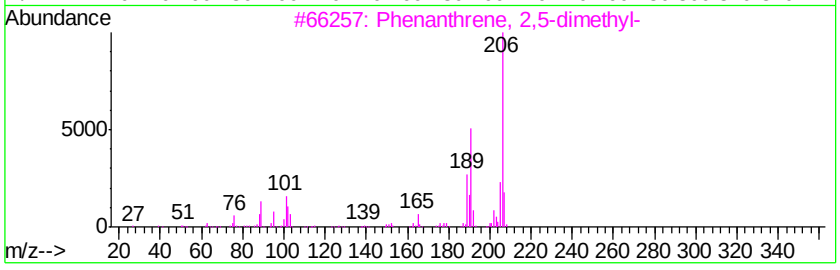
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.67 | 9.44 ng/ul | 2472570 | Phenanthrene-d10 | 17.04 |

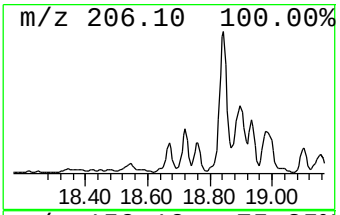
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4b,8-Dimethyl-2-isopropylphenant... | 256 | C19H28 | 1000197-14-1 | 87 |
| 2 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 62 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 47 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 35 |
| 5 | 1-Methyl-3-phenyl-1H-indene | 206 | C16H14 | 022360-62-9 | 35 |

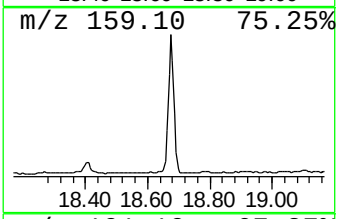


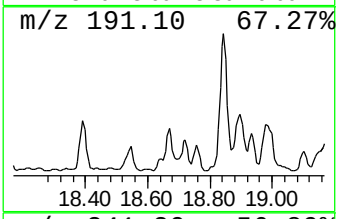



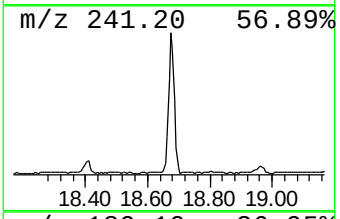



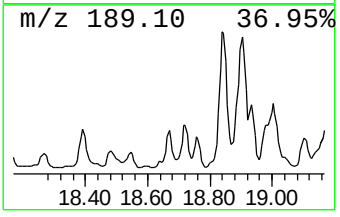



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

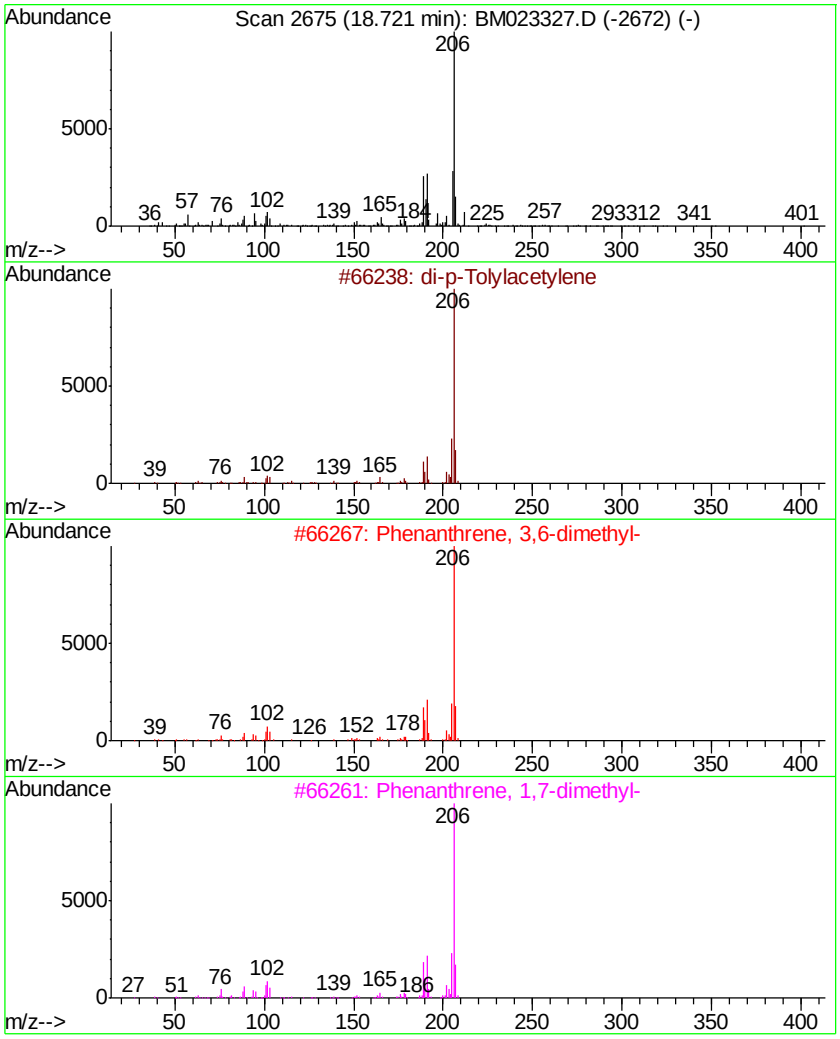
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

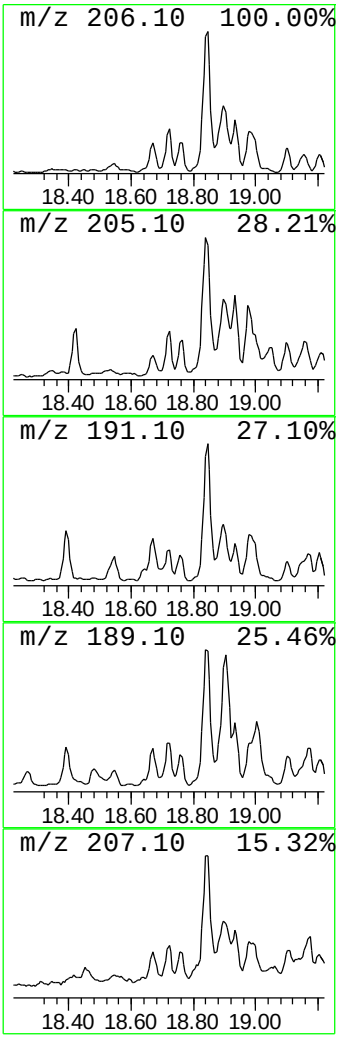
**********

Peak Number 29 di-p-Tolylacetylene Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.72 | 3.89 ng/ul | 1019190 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 94 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 3 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 89 |
| 4 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 87 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

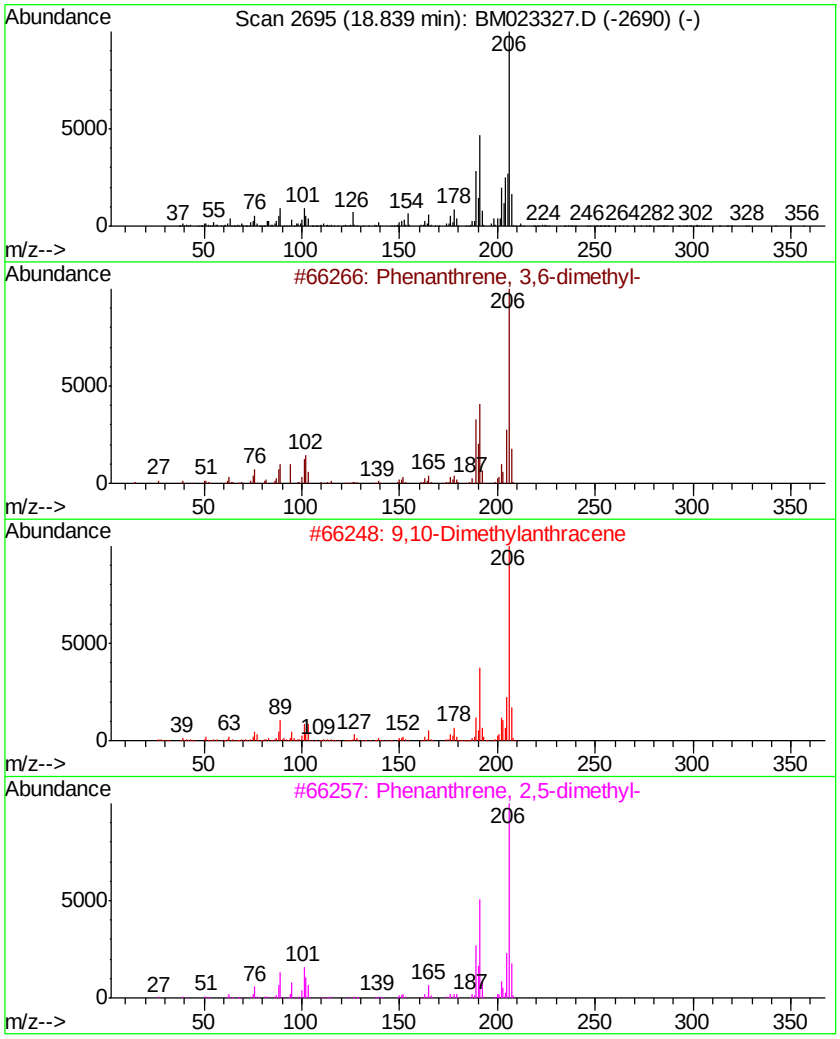
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

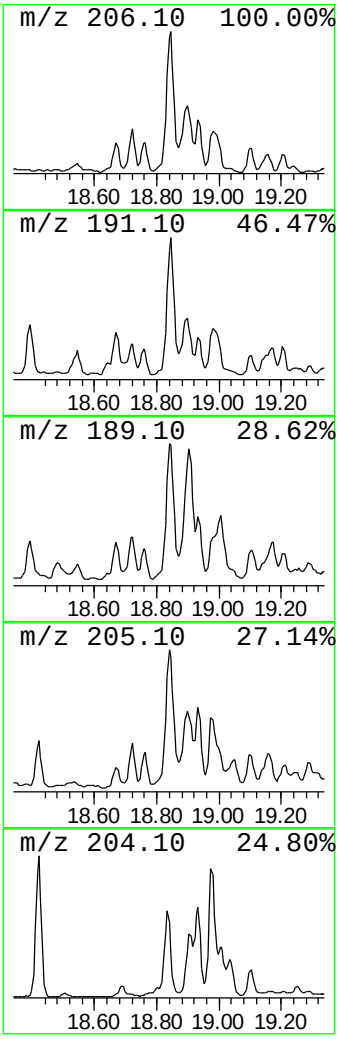
**********

Peak Number 30 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.84 | 25.45 ng/ul | 6665880 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 92 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 89 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 89 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 86 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

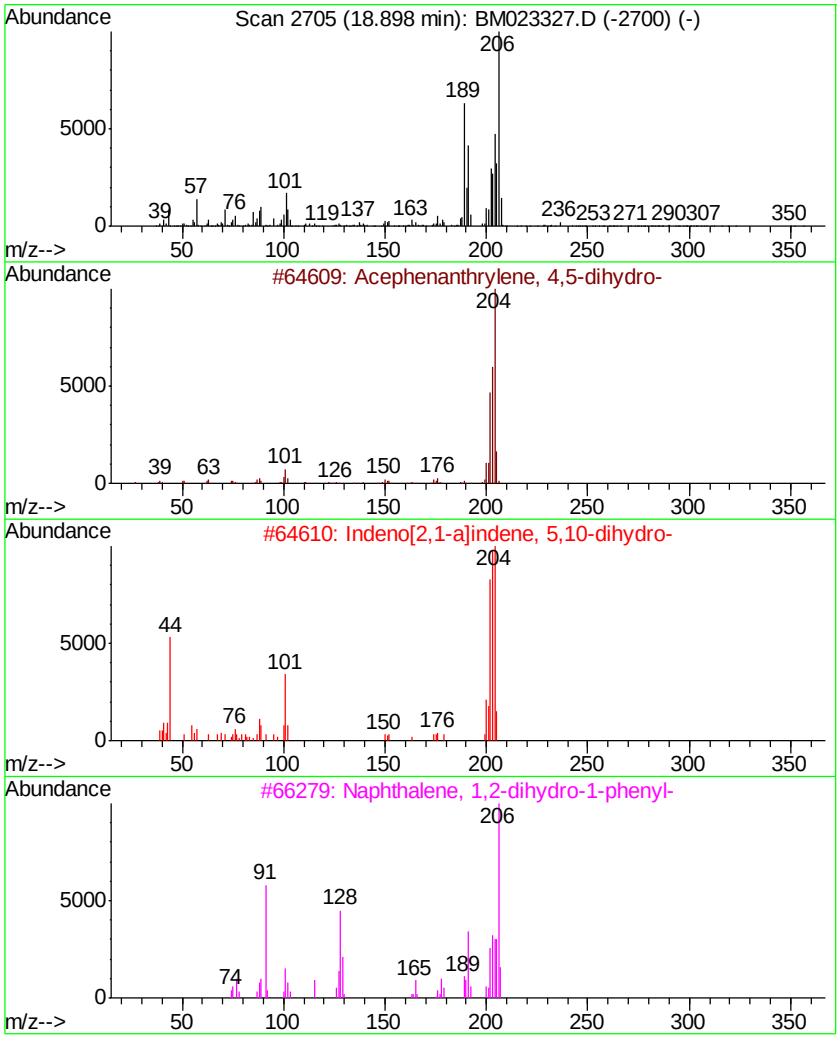
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

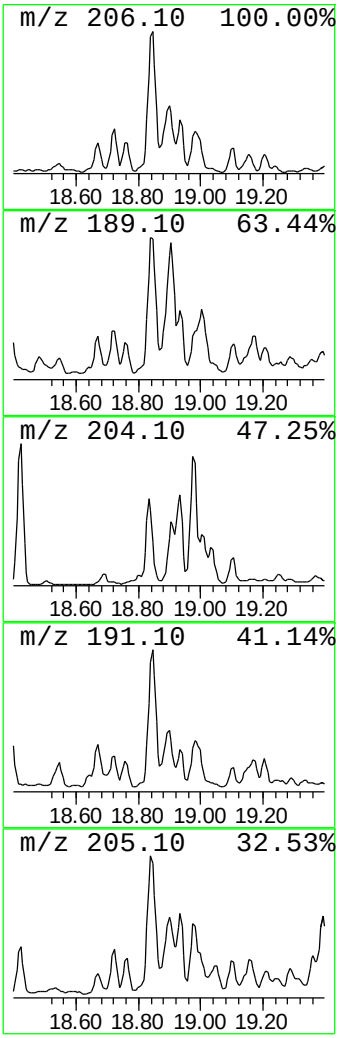
**********

Peak Number 31 Acephenanthrylene, 4,5-dihy... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.90 | 14.27 ng/ul | 3737940 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acephenanthrylene, 4,5-dihydro- | 204 | C16H12 | 006232-48-0 | 76 |
| 2 | Indeno[2,1-a]indene, 5,10-dihydro- | 204 | C16H12 | 006543-29-9 | 44 |
| 3 | Naphthalene, 1,2-dihydro-1-phenyl- | 206 | C16H14 | 016606-46-5 | 42 |
| 4 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 41 |
| 5 | 9,10-di(Chloromethyl)anthracene | 274 | C16H12Cl2 | 010387-13-0 | 38 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

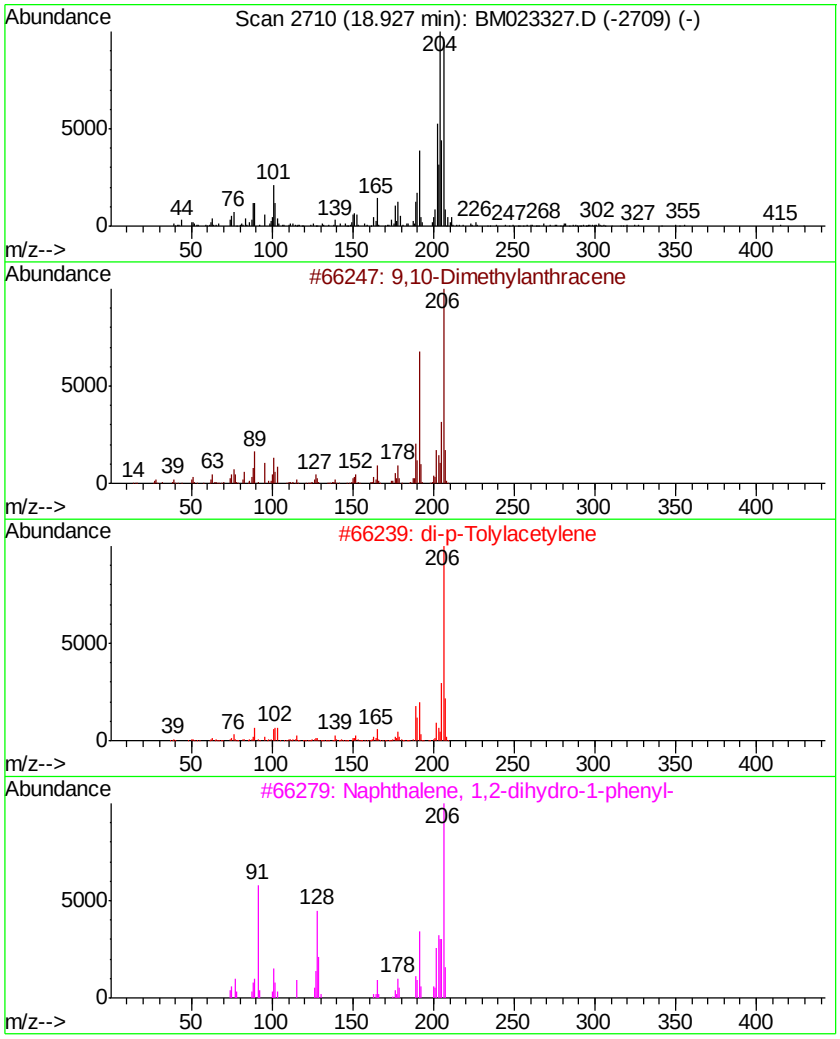
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

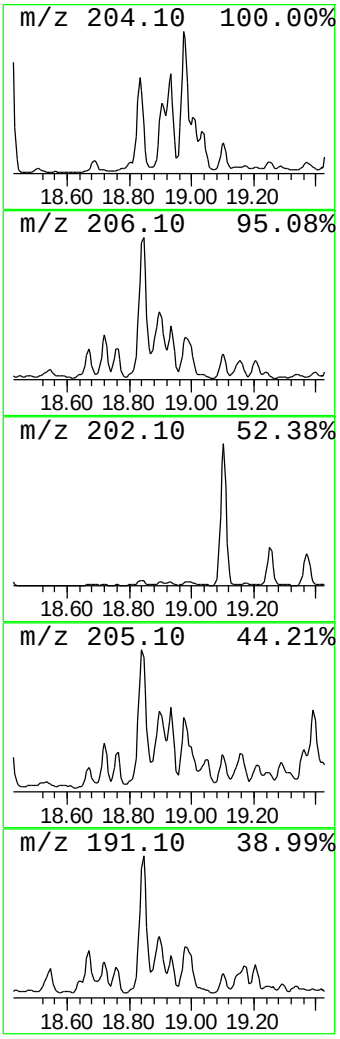
**********

Peak Number 32 9,10-Dimethylanthracene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.93 | 6.75 ng/ul | 1766900 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 70 |
| 2 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 64 |
| 3 | Naphthalene, 1,2-dihydro-1-phenyl- | 206 | C16H14 | 016606-46-5 | 60 |
| 4 | 1,4-Diphenyl-1,3-butadiene | 206 | C16H14 | 000886-65-7 | 58 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

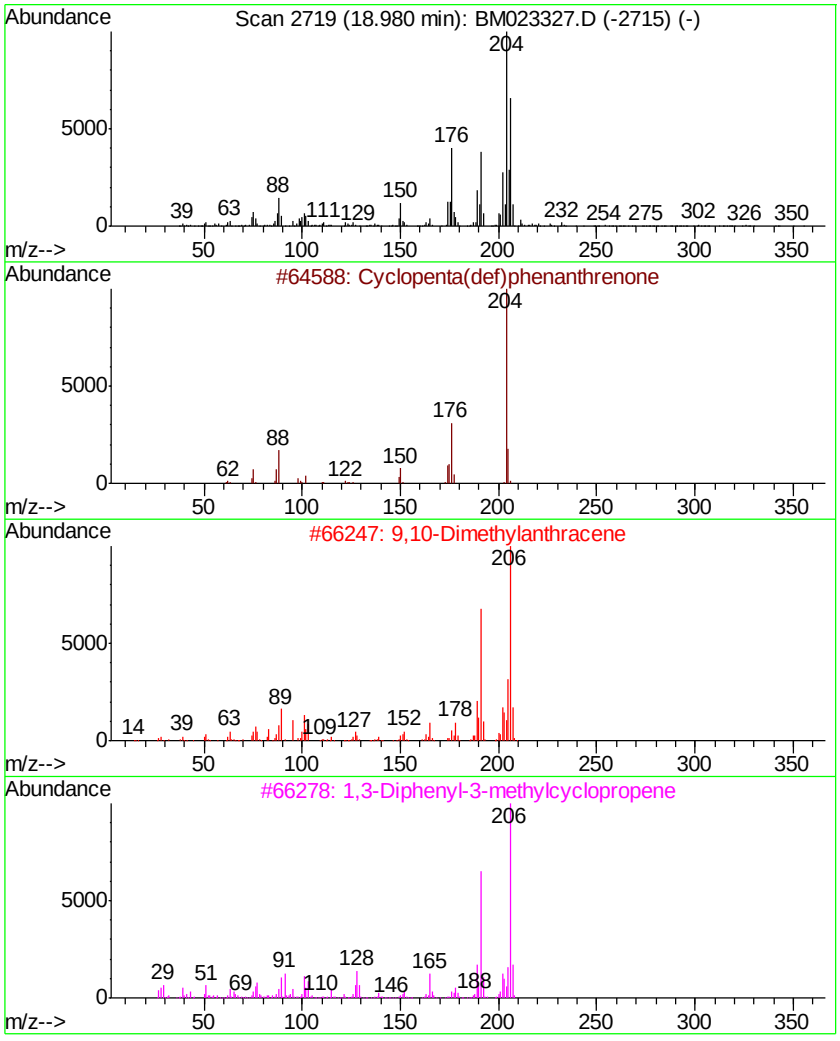
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

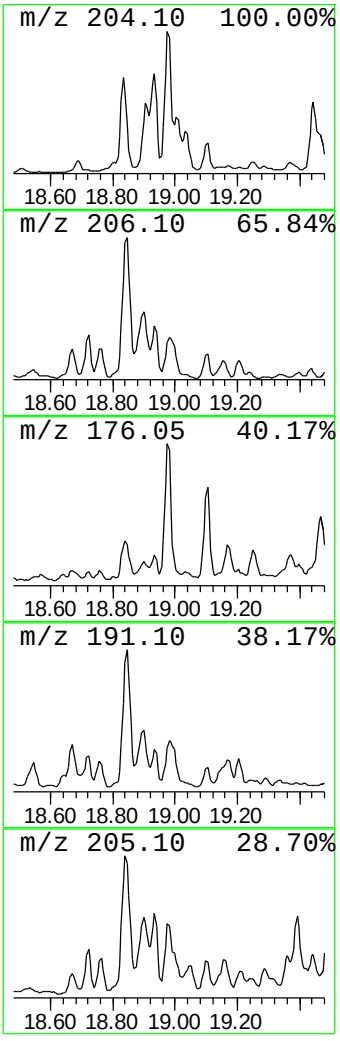
**********

Peak Number 33 Cyclopenta(def)phenanthrenone Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.98 | 16.41 ng/ul | 4298310 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 94 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 46 |
| 3 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 42 |
| 4 | 3-Methyl-1-phenyl-1H-indene | 206 | C16H14 | 022360-63-0 | 38 |
| 5 | Anthracene, 2-ethyl- | 206 | C16H14 | 052251-71-5 | 38 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

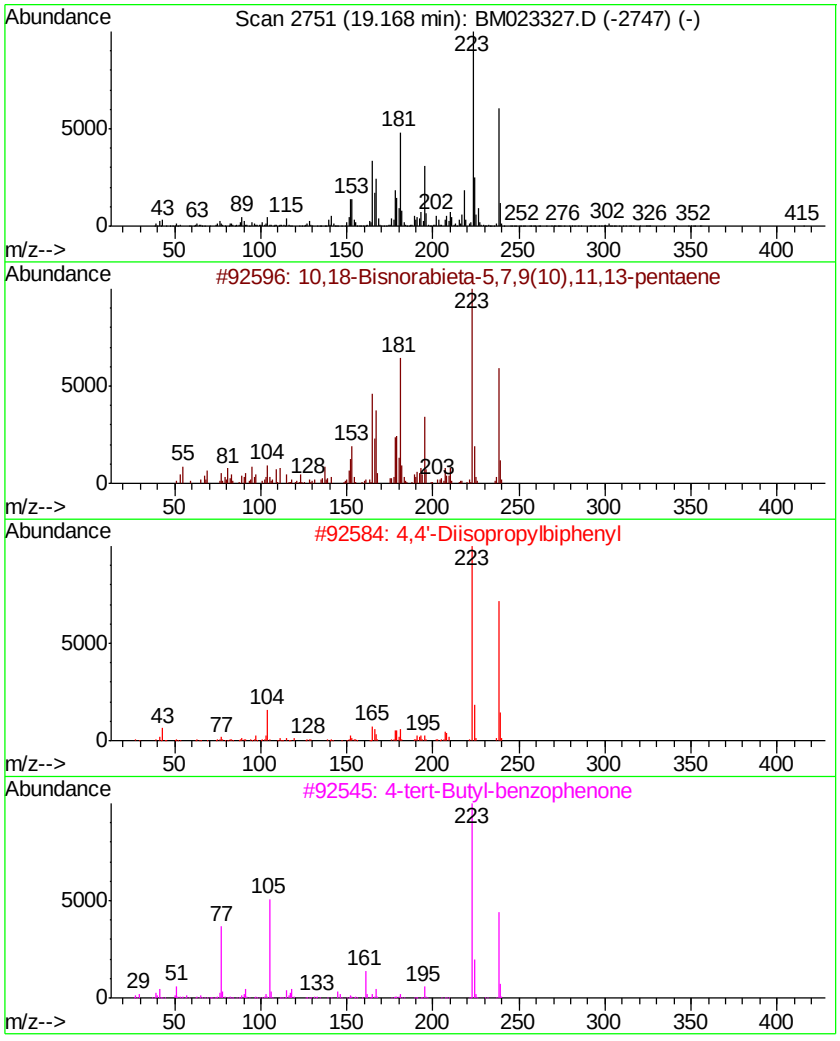
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

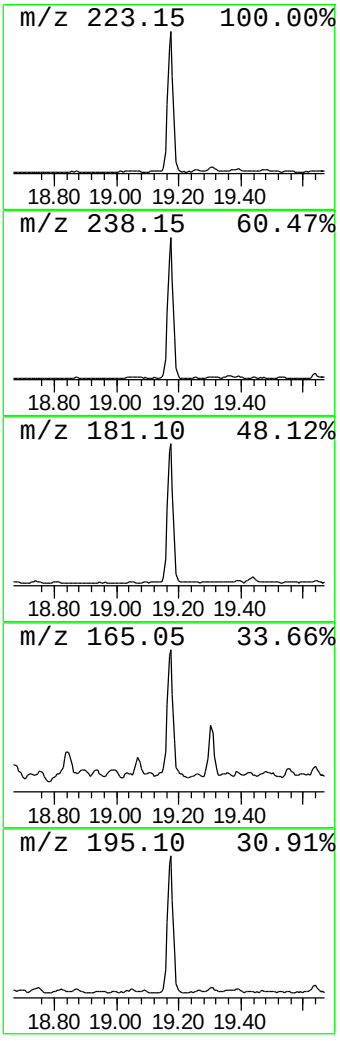
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.17 | 4.69 ng/ul | 7657110 | Chrysene-d12 | 21.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22 | 006566-19-4 | 99 |
| 2 | 4,4'-Diisopropylbiphenyl | 238 | C18H22 | 018970-30-4 | 58 |
| 3 | 4-tert-Butyl-benzophenone | 238 | C17H18O | 022679-54-5 | 47 |
| 4 | Anthracene, 1,4-dimethoxy- | 238 | C16H14O2 | 013076-29-4 | 47 |
| 5 | Anthraquinone, 2-amino- | 223 | C14H9NO2 | 000117-79-3 | 45 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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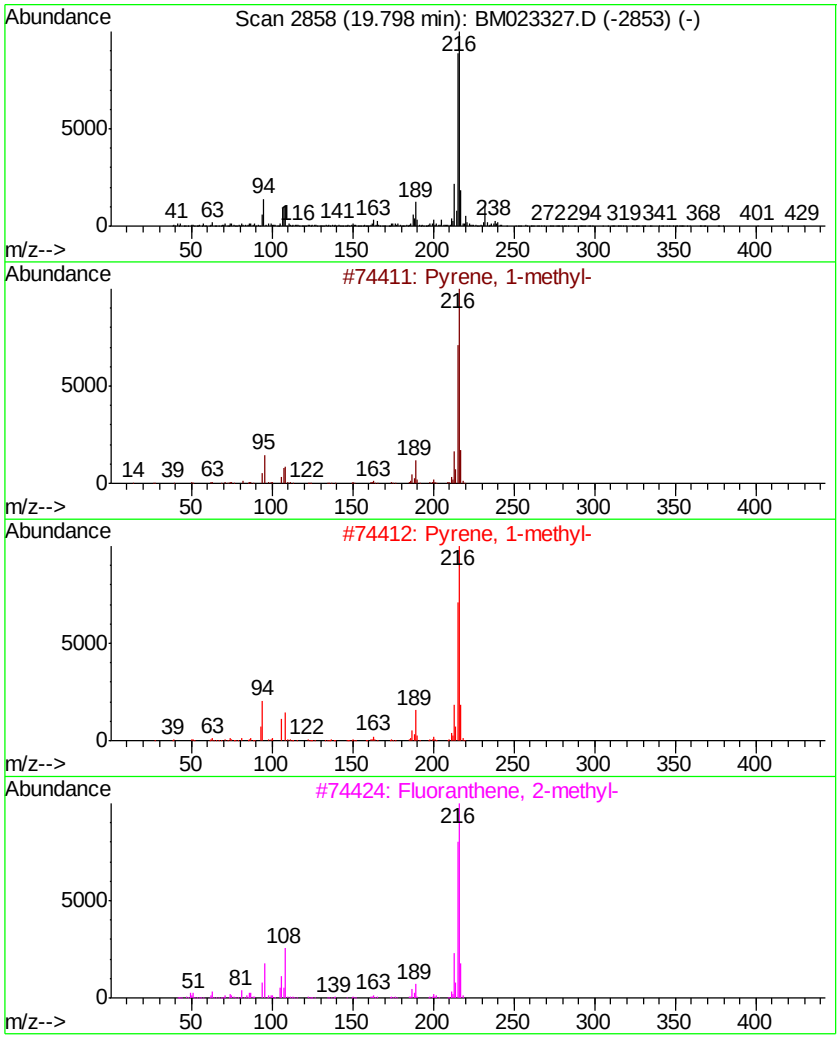
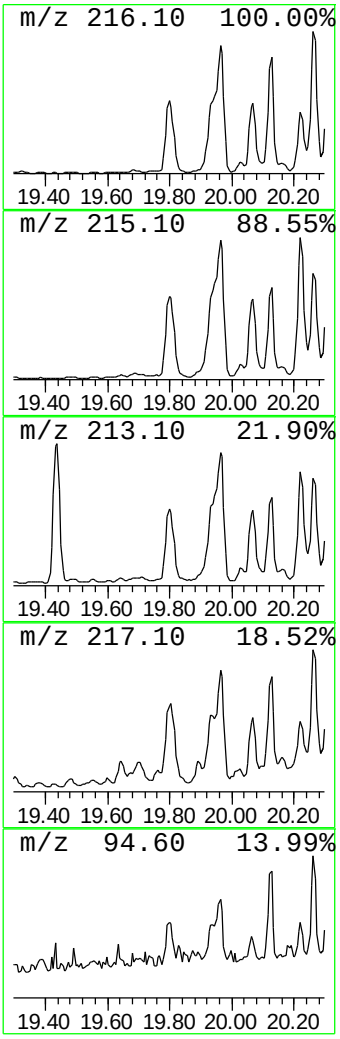
Peak Number 37 Pyrene, 1-methyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.80 | 4.16 ng/ul | 6787130 | Chrysene-d12 | 21.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 95 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 94 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 92 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

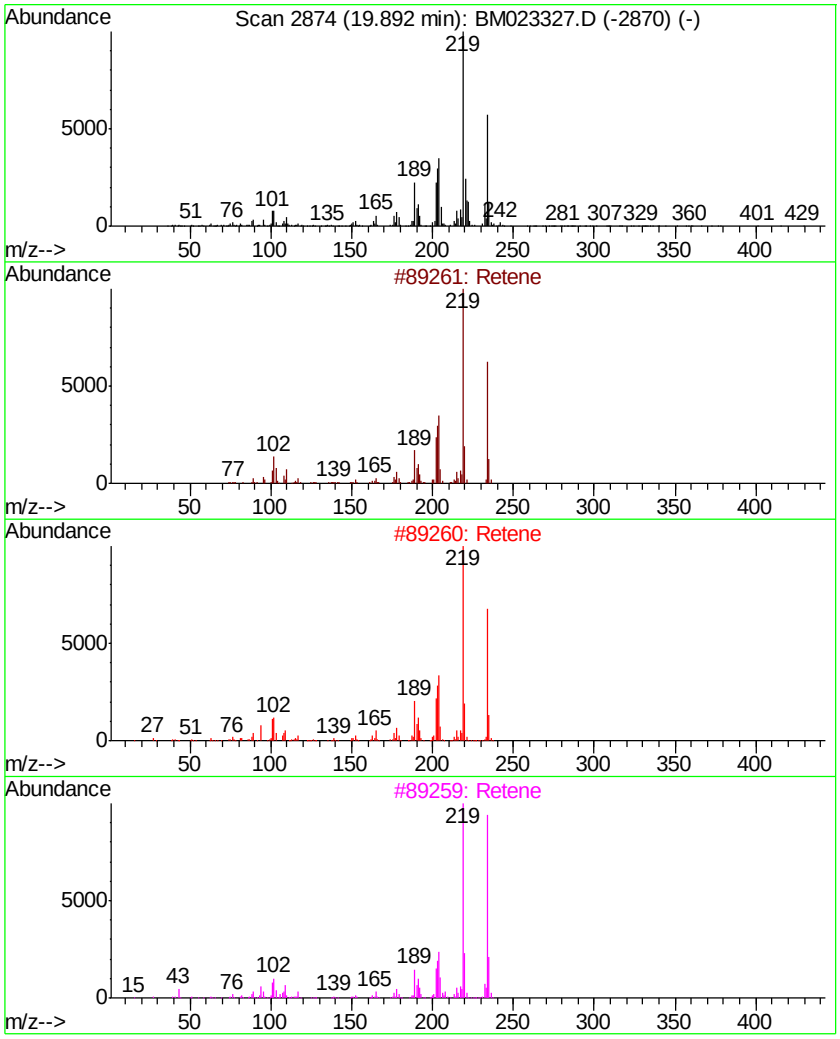
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

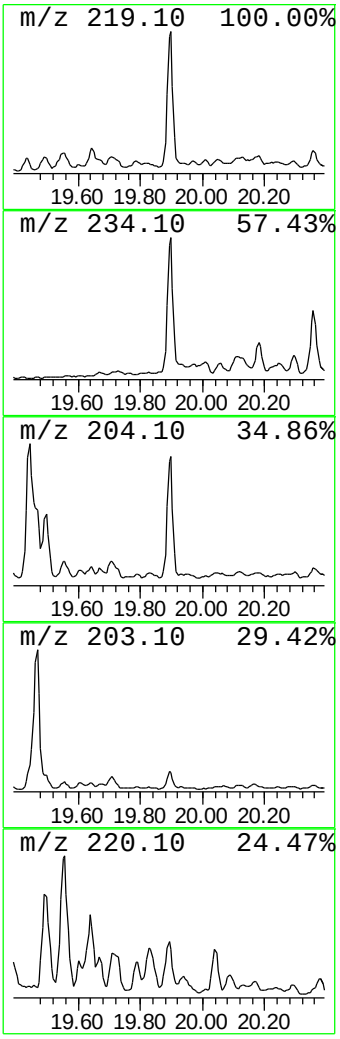
**********

Peak Number 38 Retene Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.89 | 2.31 ng/ul | 3780290 | Chrysene-d12 | 21.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Retene | 234 | C18H18 | 000483-65-8 | 98 |
| 2 | Retene | 234 | C18H18 | 000483-65-8 | 97 |
| 3 | Retene | 234 | C18H18 | 000483-65-8 | 94 |
| 4 | Phenanthrene, 3,4,5,6-tetramethyl- | 234 | C18H18 | 007343-06-8 | 86 |
| 5 | Retene | 234 | C18H18 | 000483-65-8 | 83 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

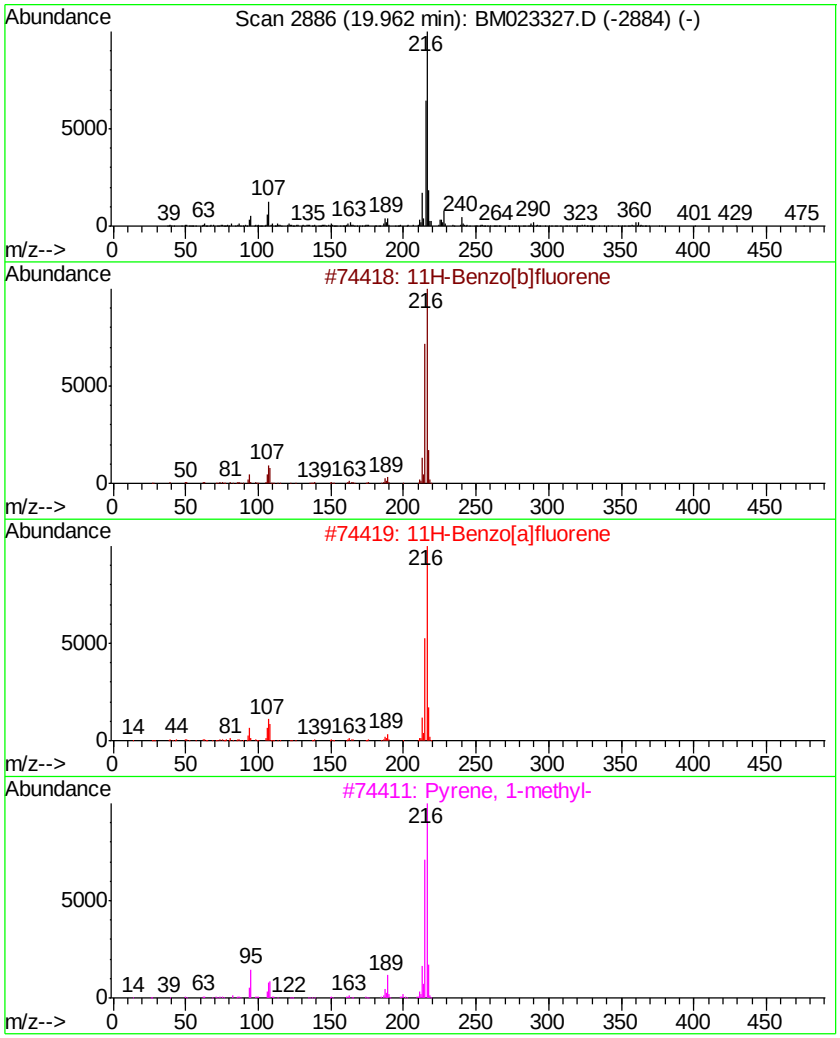
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

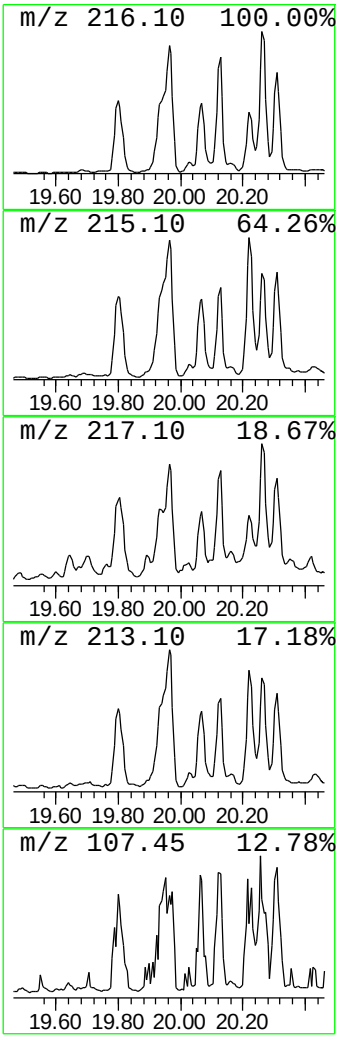
**********

Peak Number 40 11H-Benzo[b]fluorene Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.96 | 3.53 ng/ul | 5768270 | Chrysene-d12 | 21.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 96 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 93 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 4 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 90 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

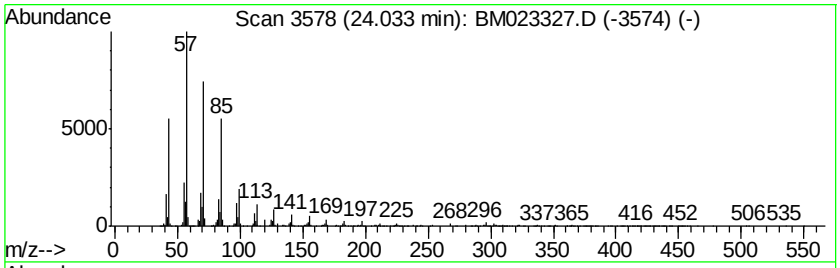
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

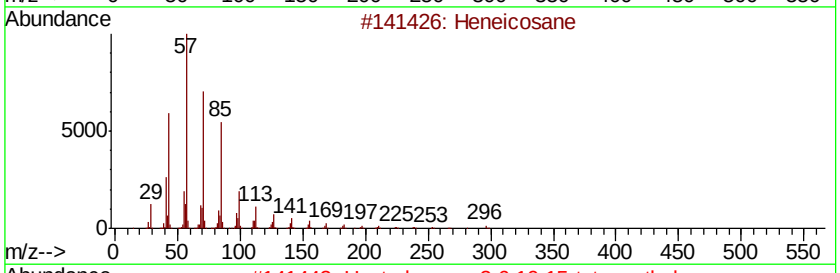
**********

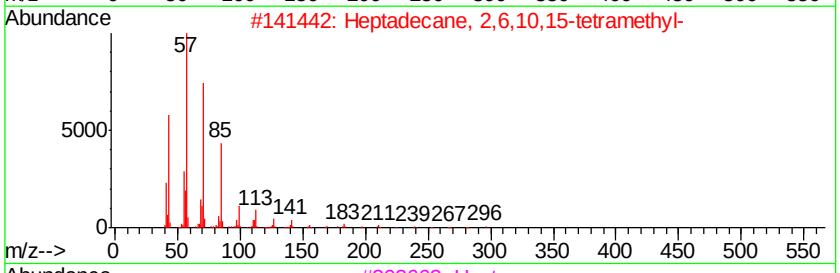
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 8

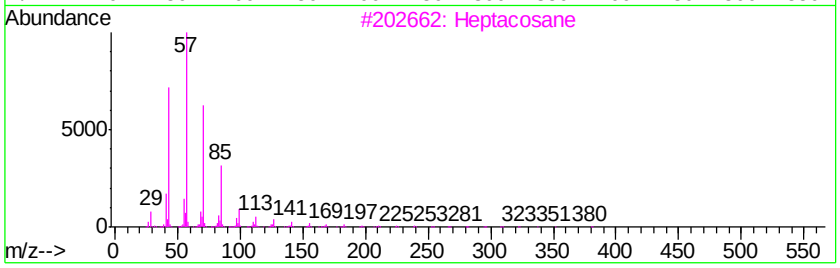
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.03 | 23.29 ng/ul | 5682220 | Perylene-d12 | 23.44 |

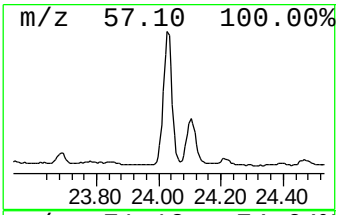
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 97 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 93 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |

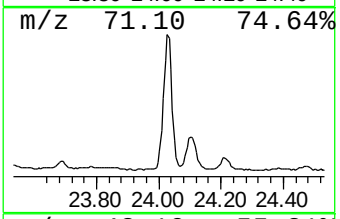


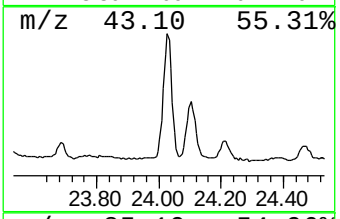



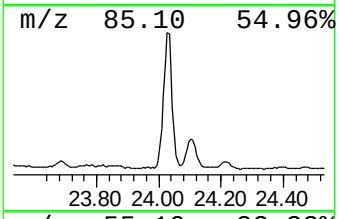



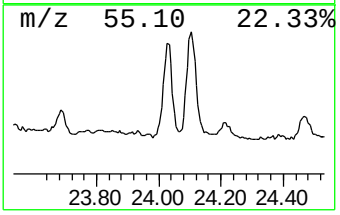



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\
Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFB85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 1-etheny... | 7.31 | 7.2 | ng/ul | 836366 | 1 | 7.65 | 2331500 | 20.0 |
| Benzocycloheptatr... | 11.95 | 8.2 | ng/ul | 1376350 | 2 | 10.42 | 3379390 | 20.0 |
| Naphthalene, 1-me... | 12.32 | 3.7 | ng/ul | 630811 | 2 | 10.42 | 3379390 | 20.0 |
| .beta.-(1-Naphthy... | 13.53 | 3.5 | ng/ul | 782946 | 3 | 14.29 | 4534000 | 20.0 |
| Naphthalene, 2,3-... | 13.62 | 3.0 | ng/ul | 670644 | 3 | 14.29 | 4534000 | 20.0 |
| 1,1'-Biphenyl, 3-... | 14.90 | 7.6 | ng/ul | 1723060 | 3 | 14.29 | 4534000 | 20.0 |
| 1H-Phenalene | 15.16 | 6.4 | ng/ul | 1455960 | 3 | 14.29 | 4534000 | 20.0 |
| 2-Naphthyl methyl... | 15.56 | 3.6 | ng/ul | 825562 | 3 | 14.29 | 4534000 | 20.0 |
| 1(2H)-Acenaphthyl... | 16.02 | 5.9 | ng/ul | 1539620 | 4 | 17.04 | 5238320 | 20.0 |
| (DEL) Alkane: Str... | 16.07 | 2.8 | ng/ul | 720474 | 4 | 17.04 | 5238320 | 20.0 |
| 9H-Fluorene, 9-me... | 16.33 | 4.5 | ng/ul | 1190230 | 4 | 17.04 | 5238320 | 20.0 |
| 9H-Fluoren-9-one | 16.69 | 3.4 | ng/ul | 892209 | 4 | 17.04 | 5238320 | 20.0 |
| (DEL) Alkane: Str... | 16.89 | 2.7 | ng/ul | 718007 | 4 | 17.04 | 5238320 | 20.0 |
| 9H-Fluorene, 2,3-... | 17.23 | 3.9 | ng/ul | 1017620 | 4 | 17.04 | 5238320 | 20.0 |
| Anthracene, 1-met... | 17.52 | 5.7 | ng/ul | 1484090 | 4 | 17.04 | 5238320 | 20.0 |
| 1H-Indene, 1-(phe... | 17.56 | 2.6 | ng/ul | 682717 | 4 | 17.04 | 5238320 | 20.0 |
| 1-Methyldibenzoth... | 17.62 | 3.9 | ng/ul | 1027770 | 4 | 17.04 | 5238320 | 20.0 |
| Phenanthrene, 2-m... | 17.92 | 12.5 | ng/ul | 3268840 | 4 | 17.04 | 5238320 | 20.0 |
| Phenanthrene, 1-m... | 18.10 | 29.0 | ng/ul | 7594010 | 4 | 17.04 | 5238320 | 20.0 |
| Naphthalene, 2-ph... | 18.42 | 7.5 | ng/ul | 1977740 | 4 | 17.04 | 5238320 | 20.0 |
| 9,10-Anthracenedione | 18.45 | 5.8 | ng/ul | 1521370 | 4 | 17.04 | 5238320 | 20.0 |
| Naphtho[2,3-b]thi... | 18.64 | 3.1 | ng/ul | 809011 | 4 | 17.04 | 5238320 | 20.0 |
| 4b,8-Dimethyl-2-i... | 18.67 | 9.4 | ng/ul | 2472570 | 4 | 17.04 | 5238320 | 20.0 |
| di-p-Tolylacetylene | 18.72 | 3.9 | ng/ul | 1019190 | 4 | 17.04 | 5238320 | 20.0 |
| Phenanthrene, 3,6... | 18.84 | 25.4 | ng/ul | 6665880 | 4 | 17.04 | 5238320 | 20.0 |
| Acephenanthrylene... | 18.90 | 14.3 | ng/ul | 3737940 | 4 | 17.04 | 5238320 | 20.0 |
| 9,10-Dimethylanth... | 18.93 | 6.8 | ng/ul | 1766900 | 4 | 17.04 | 5238320 | 20.0 |
| Cyclopenta(def)ph... | 18.98 | 16.4 | ng/ul | 4298310 | 4 | 17.04 | 5238320 | 20.0 |
| 10,18-Bisnorabiet... | 19.17 | 4.7 | ng/ul | 7657110 | 5 | 21.23 | 32664200 | 20.0 |
| Pyrene, 1-methyl- | 19.80 | 4.2 | ng/ul | 6787130 | 5 | 21.23 | 32664200 | 20.0 |
| Retene | 19.89 | 2.3 | ng/ul | 3780290 | 5 | 21.23 | 32664200 | 20.0 |
| 11H-Benzo[b]fluorene | 19.96 | 3.5 | ng/ul | 5768270 | 5 | 21.23 | 32664200 | 20.0 |
| (DEL) Alkane: Str... | 24.03 | 23.3 | ng/ul | 5682220 | 6 | 23.44 | 4880280 | 20.0 |