LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.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 | 7.657 | 771 | 777 | 784 | rBB | 102651 | 159601 | 7.81% | 0.753% |
| 2 | 10.445 | 1244 | 1251 | 1256 | rBV | 174197 | 281485 | 13.77% | 1.328% |
| 3 | 10.492 | 1256 | 1259 | 1265 | rVB | 22561 | 31860 | 1.56% | 0.150% |
| 4 | 14.316 | 1902 | 1909 | 1915 | rBV2 | 280718 | 411156 | 20.11% | 1.940% |
| 5 | 14.380 | 1915 | 1920 | 1926 | rVB | 159757 | 219597 | 10.74% | 1.036% |
| 6 | 14.716 | 1972 | 1977 | 1985 | rBB | 56821 | 76993 | 3.77% | 0.363% |
| 7 | 15.310 | 2073 | 2078 | 2083 | rBV | 22249 | 29510 | 1.44% | 0.139% |
| 8 | 15.369 | 2083 | 2088 | 2094 | rVB | 110227 | 151690 | 7.42% | 0.716% |
| 9 | 15.810 | 2158 | 2163 | 2170 | rBB | 17189 | 32155 | 1.57% | 0.152% |
| 10 | 16.374 | 2248 | 2259 | 2263 | rBV3 | 12923 | 29009 | 1.42% | 0.137% |
| 11 | 16.721 | 2313 | 2318 | 2324 | rVB | 21690 | 31606 | 1.55% | 0.149% |
| 12 | 16.821 | 2327 | 2335 | 2339 | rBV2 | 17655 | 31447 | 1.54% | 0.148% |
| 13 | 16.886 | 2341 | 2346 | 2353 | rVB | 45976 | 59999 | 2.93% | 0.283% |
| 14 | 17.068 | 2371 | 2377 | 2380 | rBV | 365329 | 509585 | 24.92% | 2.405% |
| 15 | 17.110 | 2380 | 2384 | 2390 | rVV | 906756 | 1278799 | 62.54% | 6.035% |
| 16 | 17.168 | 2390 | 2394 | 2395 | rVV2 | 35687 | 41616 | 2.04% | 0.196% |
| 17 | 17.198 | 2395 | 2399 | 2406 | rVV | 233552 | 330086 | 16.14% | 1.558% |
| 18 | 17.474 | 2436 | 2446 | 2451 | rBV | 108169 | 160790 | 7.86% | 0.759% |
| 19 | 17.945 | 2517 | 2526 | 2530 | rBV | 73525 | 106062 | 5.19% | 0.501% |
| 20 | 17.992 | 2530 | 2534 | 2540 | rVB | 122655 | 156462 | 7.65% | 0.738% |
| 21 | 18.074 | 2540 | 2548 | 2553 | rBV | 39902 | 56208 | 2.75% | 0.265% |
| 22 | 18.139 | 2553 | 2559 | 2563 | rBV3 | 143759 | 237251 | 11.60% | 1.120% |
| 23 | 18.174 | 2563 | 2565 | 2573 | rVB | 47562 | 56926 | 2.78% | 0.269% |
| 24 | 18.451 | 2605 | 2612 | 2616 | rBV | 59757 | 82138 | 4.02% | 0.388% |
| 25 | 18.498 | 2616 | 2620 | 2625 | rVB | 40958 | 53876 | 2.63% | 0.254% |
| 26 | 18.868 | 2677 | 2683 | 2689 | rBV | 28057 | 51720 | 2.53% | 0.244% |
| 27 | 19.015 | 2703 | 2708 | 2715 | rVB3 | 31655 | 52842 | 2.58% | 0.249% |
| 28 | 19.139 | 2722 | 2729 | 2736 | rBV | 1340340 | 1835782 | 89.78% | 8.664% |
| 29 | 19.380 | 2764 | 2770 | 2780 | rVB2 | 39238 | 80149 | 3.92% | 0.378% |
| 30 | 19.480 | 2780 | 2787 | 2788 | rBV3 | 306280 | 474193 | 23.19% | 2.238% |
| 31 | 19.504 | 2788 | 2791 | 2799 | rVB | 1029265 | 1450424 | 70.94% | 6.845% |
| 32 | 19.574 | 2799 | 2803 | 2810 | rVB3 | 51956 | 71708 | 3.51% | 0.338% |
| 33 | 19.686 | 2815 | 2822 | 2827 | rBV | 72225 | 97447 | 4.77% | 0.460% |
| 34 | 19.745 | 2827 | 2832 | 2837 | rVB | 61259 | 86638 | 4.24% | 0.409% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 19.827 | 2840 | 2846 | 2847 | rBV | 58756 | 88430 | 4.32% | 0.417% |
| 36 | 19.886 | 2853 | 2856 | 2860 | rVB | 27599 | 31368 | 1.53% | 0.148% |
| 37 | 19.968 | 2863 | 2870 | 2871 | rBV4 | 43869 | 72520 | 3.55% | 0.342% |
| 38 | 20.003 | 2871 | 2876 | 2881 | rVB | 199510 | 279105 | 13.65% | 1.317% |
| 39 | 20.104 | 2888 | 2893 | 2897 | rBV | 169026 | 212091 | 10.37% | 1.001% |
| 40 | 20.162 | 2897 | 2903 | 2906 | rVV2 | 91138 | 163987 | 8.02% | 0.774% |
| 41 | 20.198 | 2906 | 2909 | 2913 | rVV | 82147 | 97419 | 4.76% | 0.460% |
| 42 | 20.245 | 2913 | 2917 | 2921 | rVB2 | 26189 | 36524 | 1.79% | 0.172% |
| 43 | 20.303 | 2922 | 2927 | 2930 | rBV | 38164 | 51999 | 2.54% | 0.245% |
| 44 | 20.351 | 2930 | 2935 | 2938 | rBV3 | 48478 | 62153 | 3.04% | 0.293% |
| 45 | 20.598 | 2974 | 2977 | 2979 | rVV3 | 22360 | 30819 | 1.51% | 0.145% |
| 46 | 20.633 | 2979 | 2983 | 2987 | rVV2 | 38267 | 64462 | 3.15% | 0.304% |
| 47 | 20.715 | 2992 | 2997 | 3000 | rBV2 | 25228 | 42324 | 2.07% | 0.200% |
| 48 | 20.756 | 3000 | 3004 | 3010 | rVV | 94534 | 130845 | 6.40% | 0.617% |
| 49 | 20.921 | 3025 | 3032 | 3035 | rBV3 | 131241 | 198731 | 9.72% | 0.938% |
| 50 | 20.956 | 3035 | 3038 | 3042 | rVV | 118932 | 151640 | 7.42% | 0.716% |
| 51 | 21.003 | 3042 | 3046 | 3050 | rVV2 | 105308 | 188267 | 9.21% | 0.888% |
| 52 | 21.056 | 3050 | 3055 | 3062 | rVB2 | 103501 | 162254 | 7.94% | 0.766% |
| 53 | 21.162 | 3065 | 3073 | 3074 | rBV | 41483 | 72506 | 3.55% | 0.342% |
| 54 | 21.186 | 3074 | 3077 | 3081 | rVV | 244027 | 264982 | 12.96% | 1.251% |
| 55 | 21.268 | 3081 | 3091 | 3096 | rVV3 | 956580 | 2044714 | 100.00% | 9.650% |
| 56 | 21.315 | 3096 | 3099 | 3109 | rVB | 755447 | 965735 | 47.23% | 4.558% |
| 57 | 21.433 | 3115 | 3119 | 3125 | rVV | 164148 | 214270 | 10.48% | 1.011% |
| 58 | 21.498 | 3125 | 3130 | 3132 | rVV4 | 23803 | 46607 | 2.28% | 0.220% |
| 59 | 21.539 | 3134 | 3137 | 3141 | rVV | 64475 | 90960 | 4.45% | 0.429% |
| 60 | 21.592 | 3141 | 3146 | 3151 | rVV2 | 100976 | 160735 | 7.86% | 0.759% |
| 61 | 21.727 | 3162 | 3169 | 3172 | rBV4 | 22923 | 46084 | 2.25% | 0.217% |
| 62 | 21.768 | 3172 | 3176 | 3179 | rVV2 | 32999 | 54767 | 2.68% | 0.258% |
| 63 | 21.821 | 3179 | 3185 | 3189 | rVV | 118256 | 206245 | 10.09% | 0.973% |
| 64 | 21.874 | 3191 | 3194 | 3199 | rVV | 63179 | 94020 | 4.60% | 0.444% |
| 65 | 21.939 | 3200 | 3205 | 3208 | rVV3 | 34147 | 56715 | 2.77% | 0.268% |
| 66 | 21.980 | 3208 | 3212 | 3215 | rVV3 | 48674 | 72176 | 3.53% | 0.341% |
| 67 | 22.021 | 3215 | 3219 | 3222 | rVV | 74501 | 122437 | 5.99% | 0.578% |
| 68 | 22.056 | 3222 | 3225 | 3230 | rVB4 | 87234 | 129373 | 6.33% | 0.611% |
| 69 | 22.115 | 3230 | 3235 | 3240 | rBV2 | 57448 | 91866 | 4.49% | 0.434% |
| 70 | 22.309 | 3263 | 3268 | 3281 | rBV8 | 53179 | 153345 | 7.50% | 0.724% |
| 71 | 22.474 | 3293 | 3296 | 3300 | rVB2 | 24315 | 34405 | 1.68% | 0.162% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 22.533 | 3301 | 3306 | 3310 | rVB2 | 23819 | 33745 | 1.65% | 0.159% |
| 73 | 22.597 | 3310 | 3317 | 3326 | rBV4 | 54224 | 130748 | 6.39% | 0.617% |
| 74 | 22.680 | 3327 | 3331 | 3339 | rVB5 | 23195 | 37444 | 1.83% | 0.177% |
| 75 | 22.756 | 3340 | 3344 | 3348 | rVB | 24987 | 38571 | 1.89% | 0.182% |
| 76 | 22.845 | 3349 | 3359 | 3364 | rBV | 534141 | 1260321 | 61.64% | 5.948% |
| 77 | 23.009 | 3382 | 3387 | 3393 | rVB | 87369 | 140665 | 6.88% | 0.664% |
| 78 | 23.144 | 3404 | 3410 | 3417 | rBV3 | 34979 | 94096 | 4.60% | 0.444% |
| 79 | 23.239 | 3418 | 3426 | 3427 | rBV6 | 19398 | 43798 | 2.14% | 0.207% |
| 80 | 23.321 | 3433 | 3440 | 3445 | rBV | 269636 | 494749 | 24.20% | 2.335% |
| 81 | 23.368 | 3445 | 3448 | 3450 | rVV | 37371 | 53972 | 2.64% | 0.255% |
| 82 | 23.415 | 3450 | 3456 | 3463 | rVB | 415502 | 737801 | 36.08% | 3.482% |
| 83 | 23.509 | 3465 | 3472 | 3477 | rBV | 309870 | 595006 | 29.10% | 2.808% |
| 84 | 23.562 | 3477 | 3481 | 3488 | rVB2 | 125458 | 234006 | 11.44% | 1.104% |
| 85 | 23.768 | 3511 | 3516 | 3520 | rBV3 | 16990 | 35352 | 1.73% | 0.167% |
| 86 | 23.833 | 3525 | 3527 | 3536 | rVB | 26844 | 50605 | 2.47% | 0.239% |
| 87 | 24.003 | 3550 | 3556 | 3561 | rBV3 | 29620 | 62937 | 3.08% | 0.297% |
| 88 | 24.056 | 3562 | 3565 | 3576 | rVB4 | 18822 | 38298 | 1.87% | 0.181% |
| 89 | 24.374 | 3614 | 3619 | 3625 | rVB | 21807 | 39671 | 1.94% | 0.187% |
| 90 | 24.744 | 3676 | 3682 | 3692 | rVB3 | 24936 | 59924 | 2.93% | 0.283% |
| 91 | 25.080 | 3732 | 3739 | 3744 | rBV3 | 12903 | 30801 | 1.51% | 0.145% |
| 92 | 25.450 | 3793 | 3802 | 3808 | rBV2 | 24690 | 69979 | 3.42% | 0.330% |
| 93 | 25.515 | 3809 | 3813 | 3821 | rVV2 | 21486 | 49771 | 2.43% | 0.235% |
| 94 | 25.603 | 3822 | 3828 | 3835 | rVB7 | 17623 | 44120 | 2.16% | 0.208% |
| 95 | 25.762 | 3845 | 3855 | 3865 | rVB | 171464 | 474020 | 23.18% | 2.237% |
| 96 | 26.015 | 3891 | 3898 | 3906 | rVB2 | 30296 | 76173 | 3.73% | 0.359% |
| 97 | 26.109 | 3907 | 3914 | 3922 | rBV2 | 20492 | 56368 | 2.76% | 0.266% |
| 98 | 26.450 | 3962 | 3972 | 3990 | rVB | 88076 | 294031 | 14.38% | 1.388% |
| 99 | 26.809 | 4028 | 4033 | 4049 | rVB5 | 22963 | 77360 | 3.78% | 0.365% |
| 100 | 27.815 | 4197 | 4204 | 4216 | rVB7 | 8409 | 31614 | 1.55% | 0.149% |

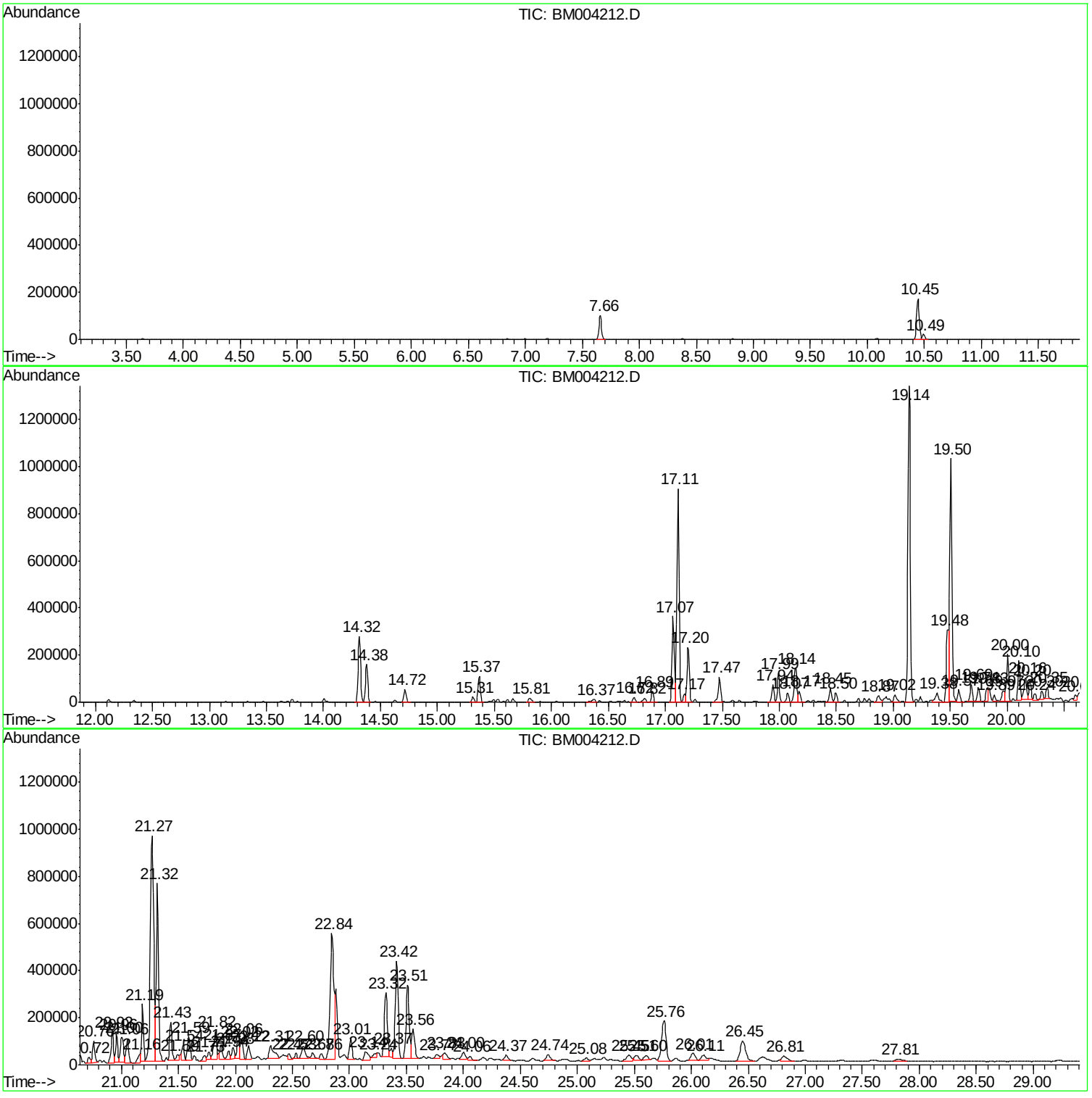
Sum of corrected areas: 21189636

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

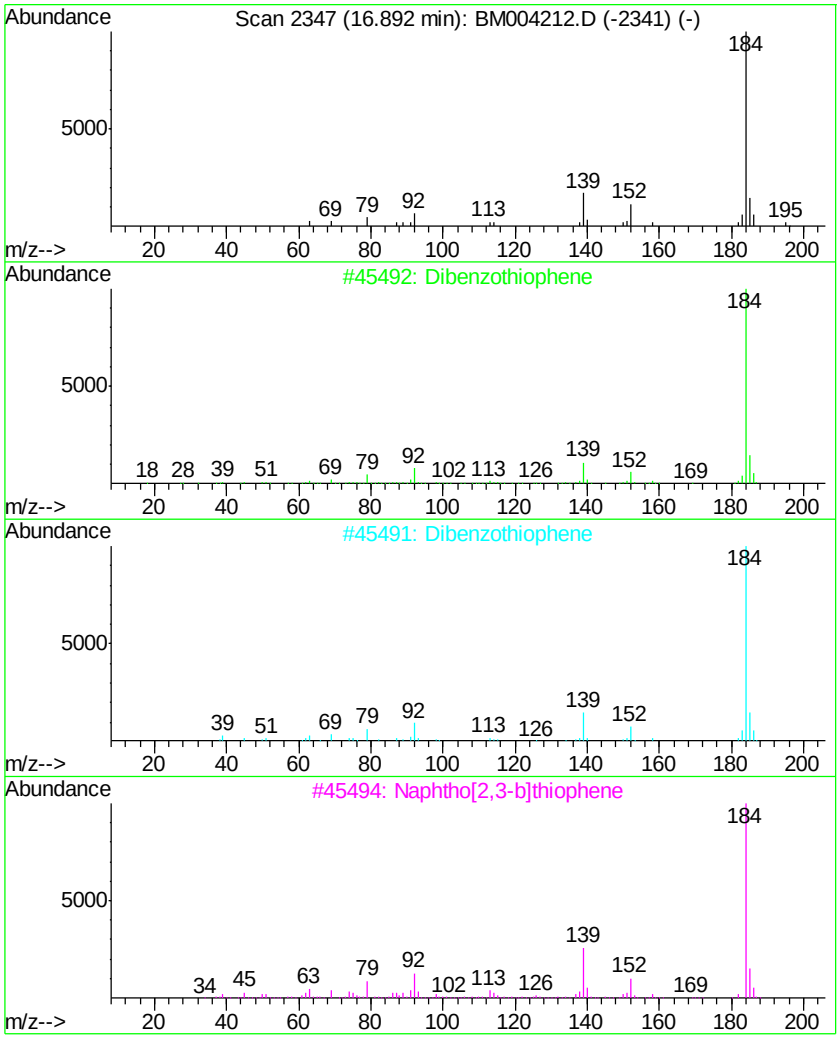
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

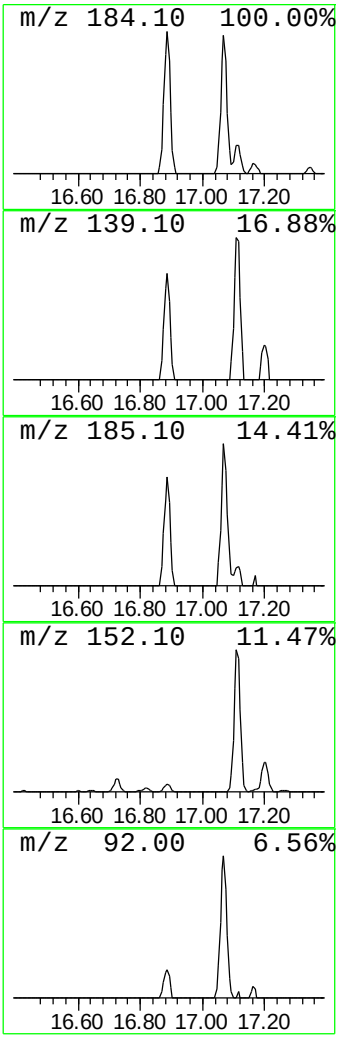
**********

Peak Number 1 Dibenzothiophene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.89 | 2.35 ng/ul | 59999 | Phenanthrene-d10 | 17.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |
| 3 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 95 |
| 4 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 94 |
| 5 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 94 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

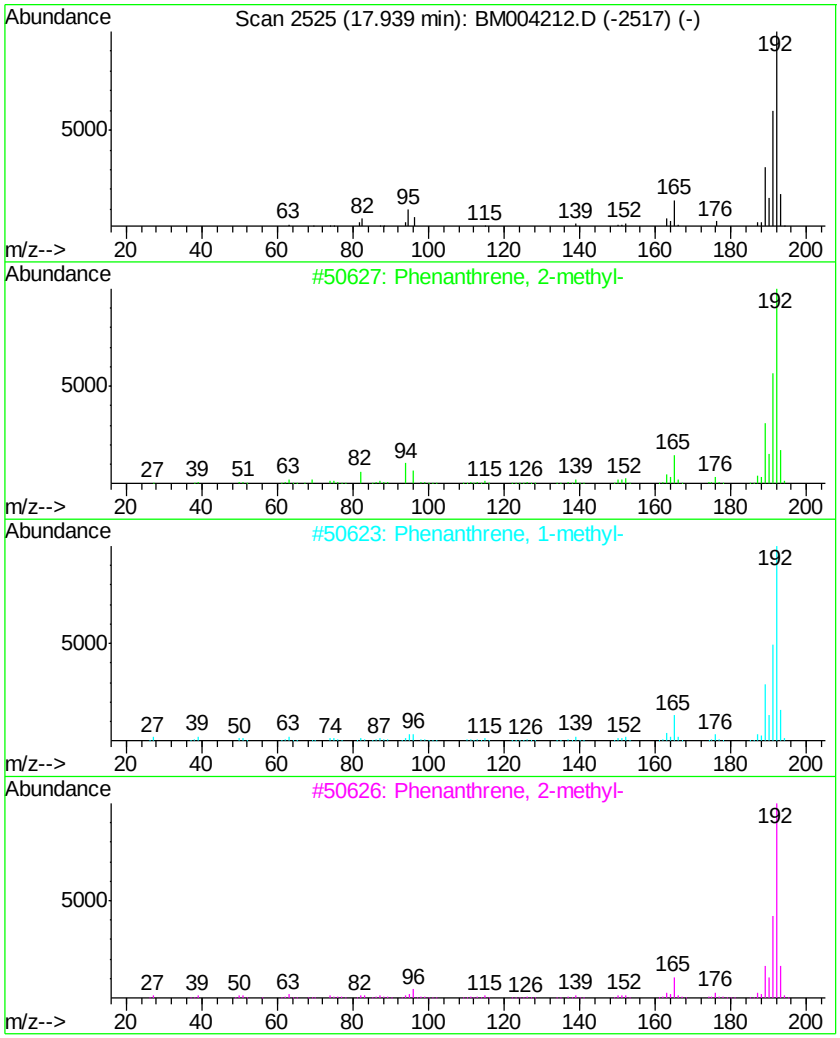
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

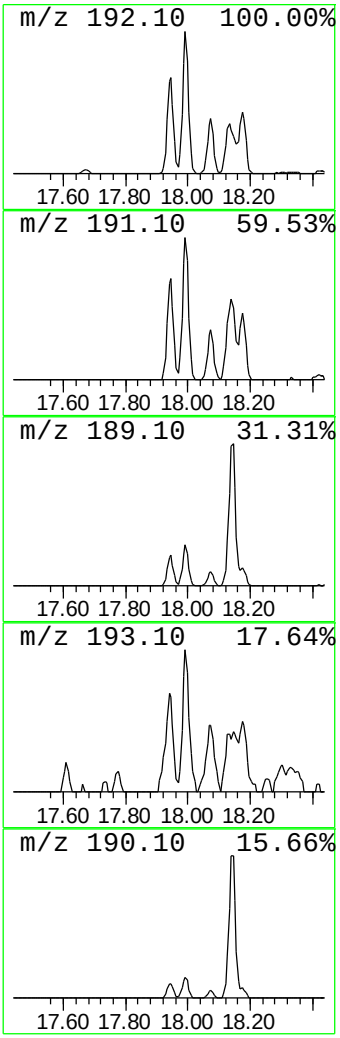
**********

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.94 | 4.16 ng/ul | 106062 | Phenanthrene-d10 | 17.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 95 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

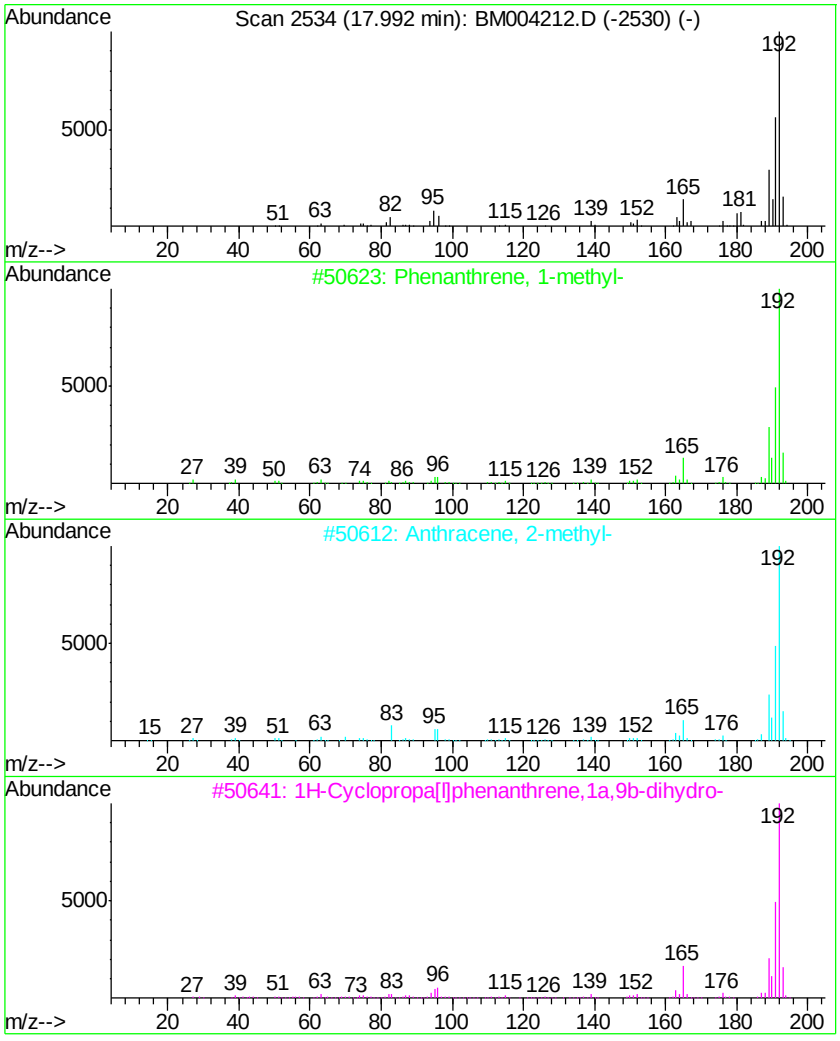
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

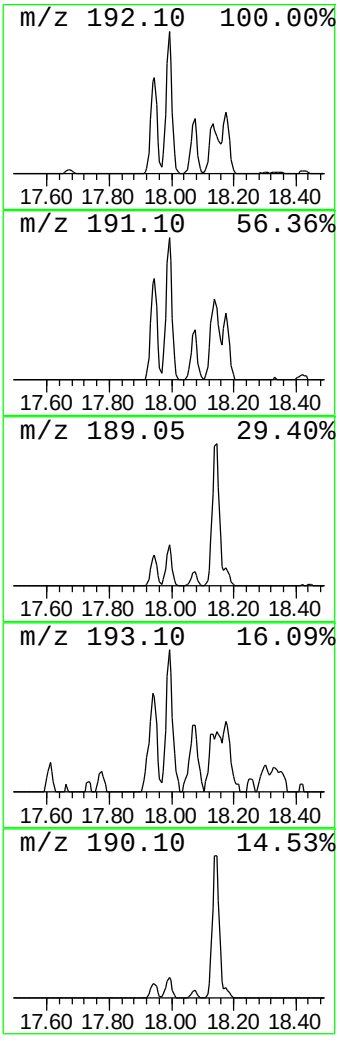
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.99 | 6.14 ng/ul | 156462 | Phenanthrene-d10 | 17.07 |

| 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 | 96 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

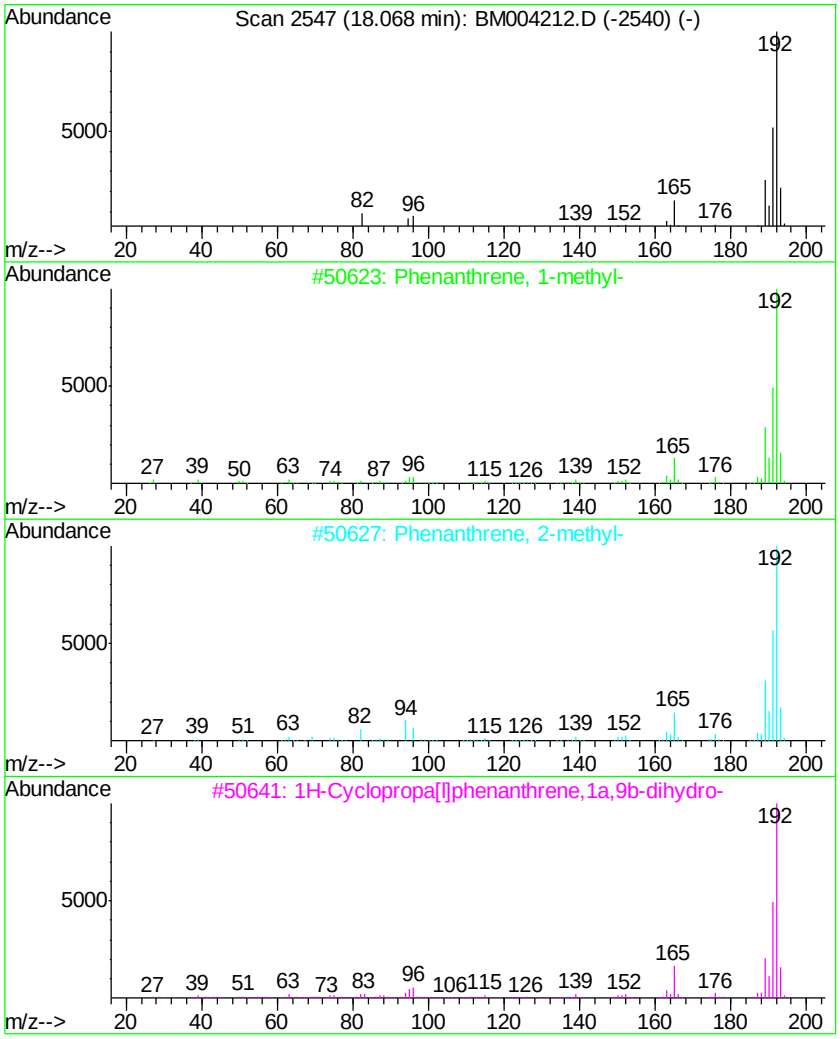
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

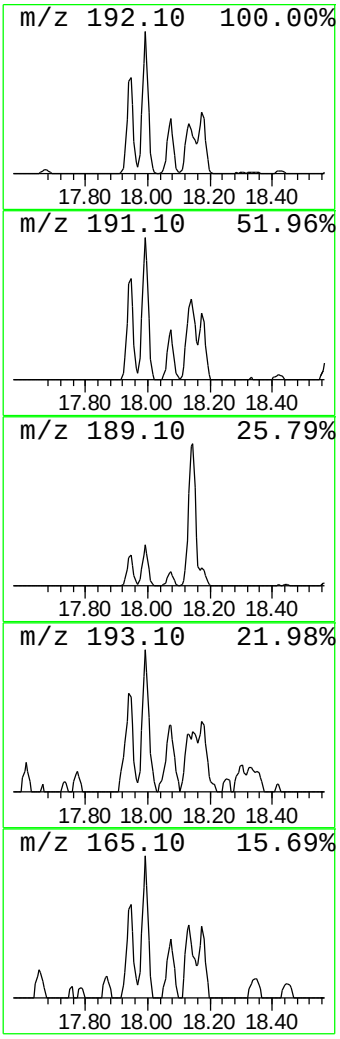
**********

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.07 | 2.21 ng/ul | 56208 | Phenanthrene-d10 | 17.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

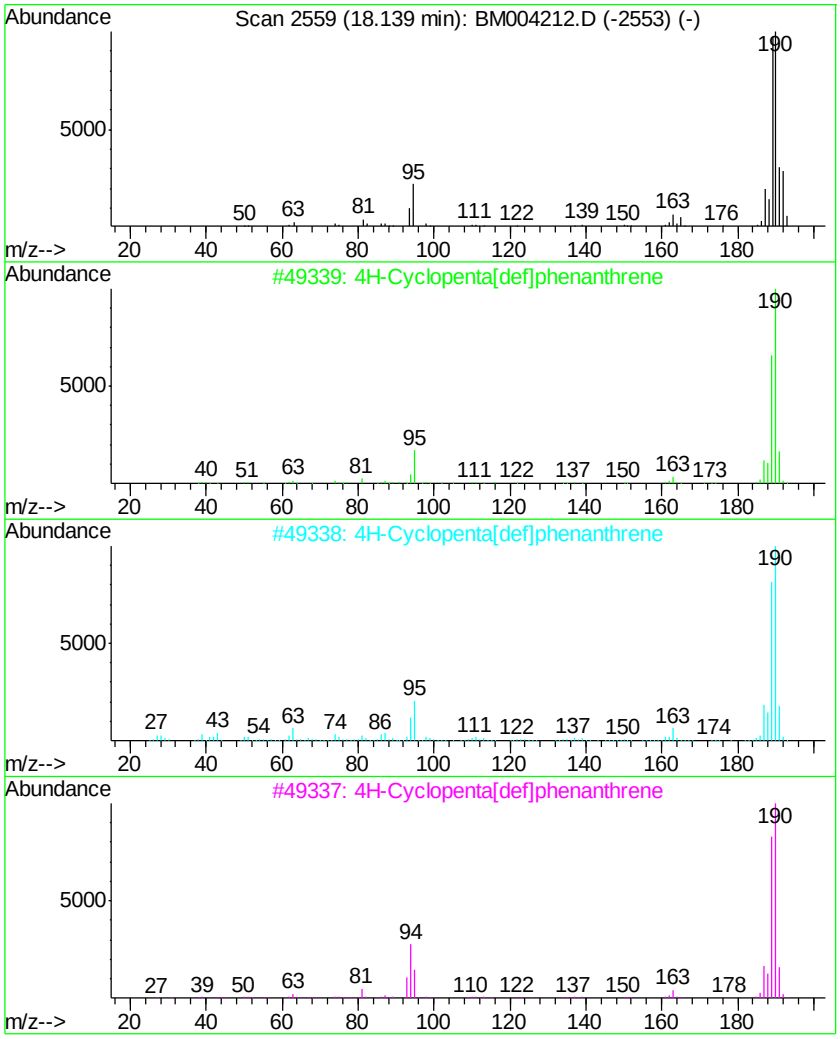
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

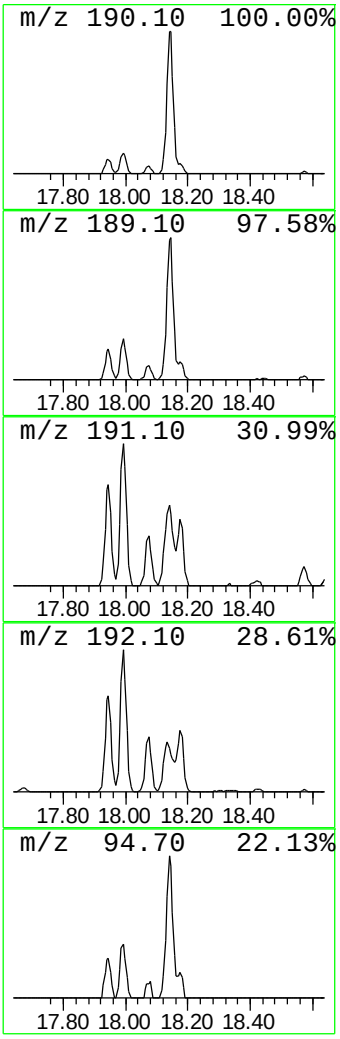
**********

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.14 | 9.31 ng/ul | 237251 | Phenanthrene-d10 | 17.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 93 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 89 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 81 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 59 |
| 5 | Pyrazole-4-carboxaldehyde, 3-(4-... | 190 | C10H7FN2O | 306936-57-2 | 58 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

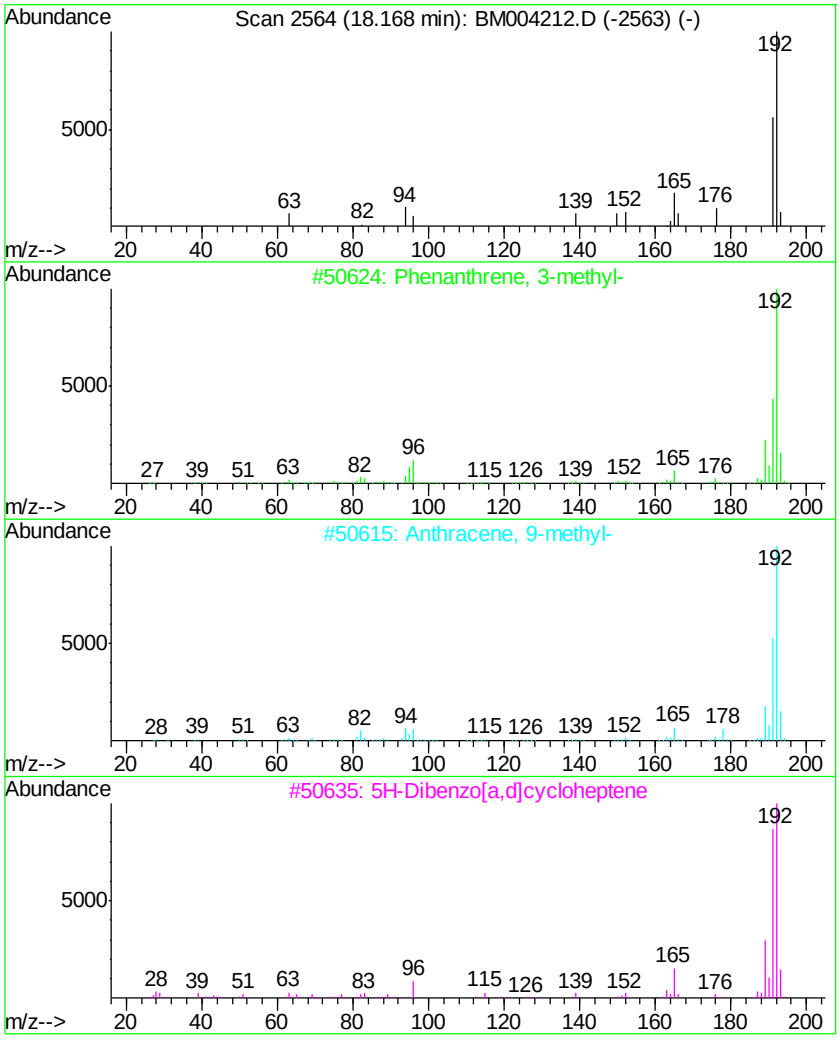
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

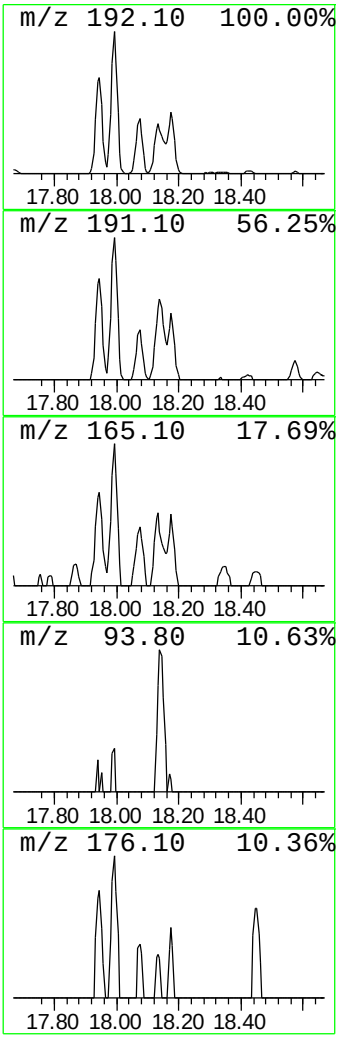
**********

Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.17 | 2.23 ng/ul | 56926 | Phenanthrene-d10 | 17.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 87 |
| 2 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 83 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 80 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 78 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 78 |



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Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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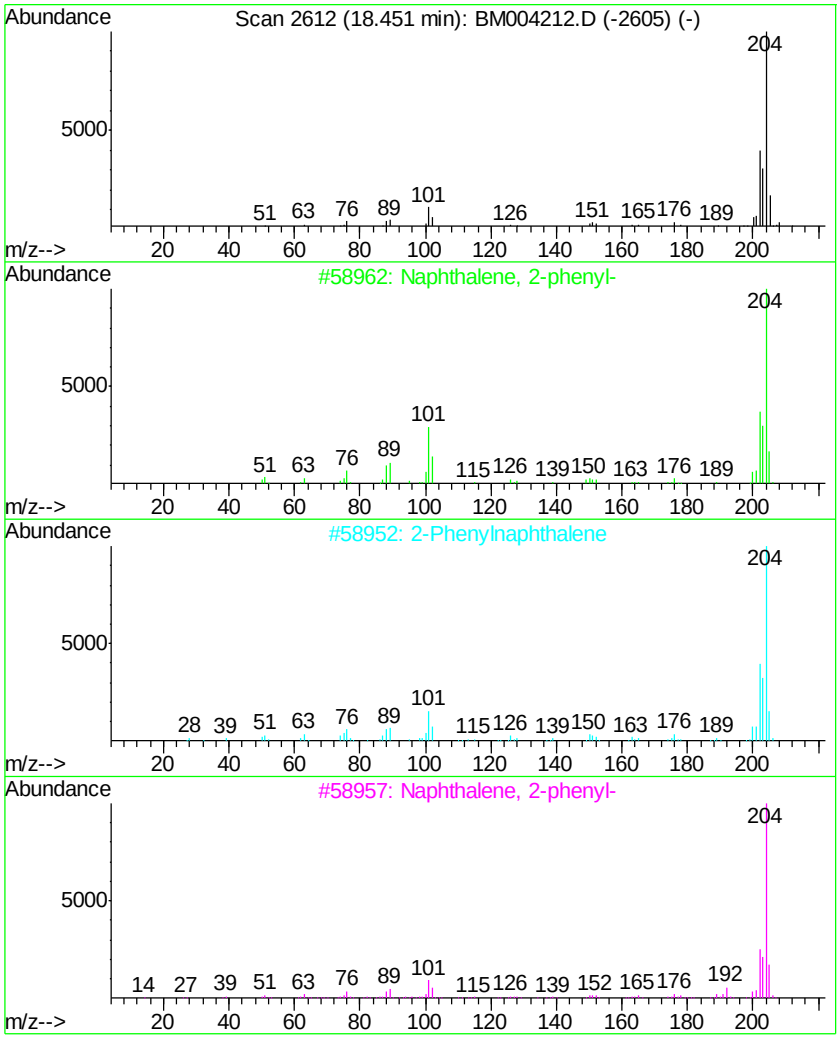
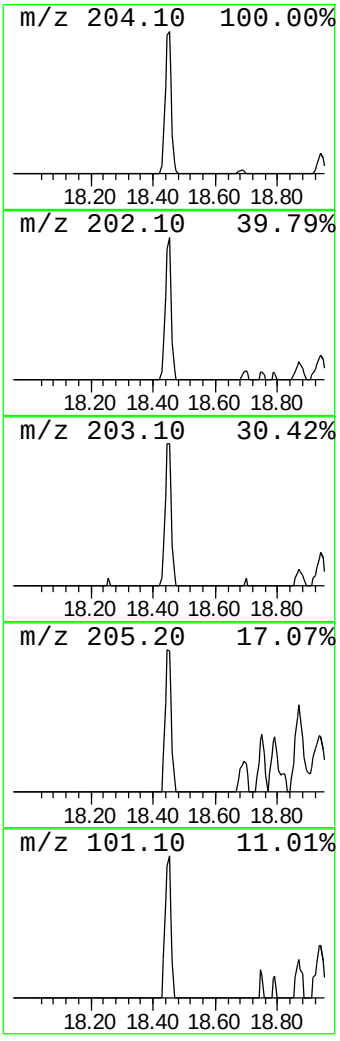
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.45 | 3.22 ng/ul | 82138 | Phenanthrene-d10 | 17.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | 2-Phenylnaphthalene | 204 | C16H12 | 035465-71-5 | 86 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 64 |



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Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

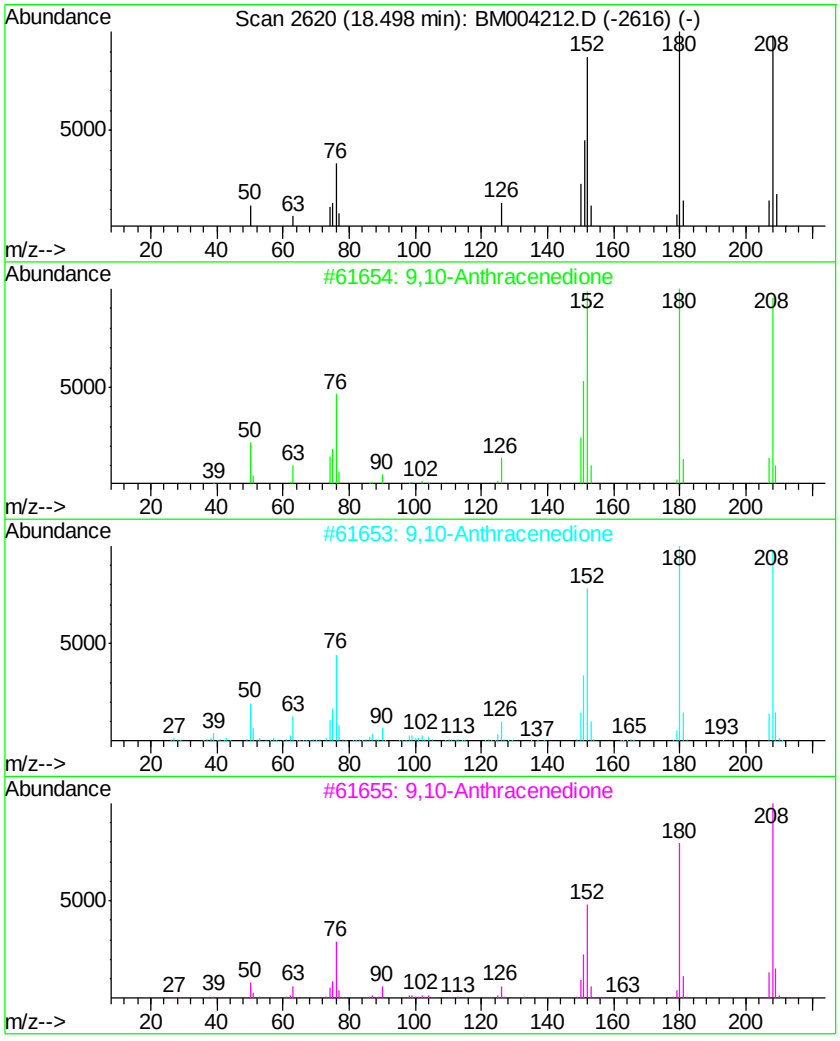
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

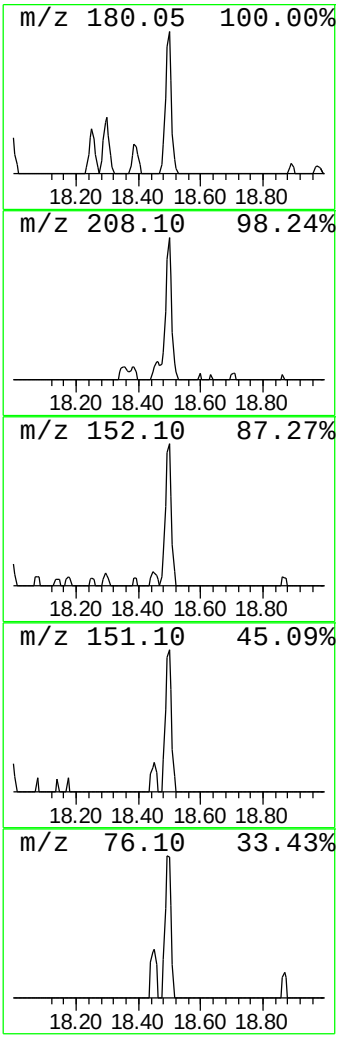
**********

Peak Number 8 9,10-Anthracenedione Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.50 | 2.11 ng/ul | 53876 | Phenanthrene-d10 | 17.07 |

| 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 | 96 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 4 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 70 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 70 |



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Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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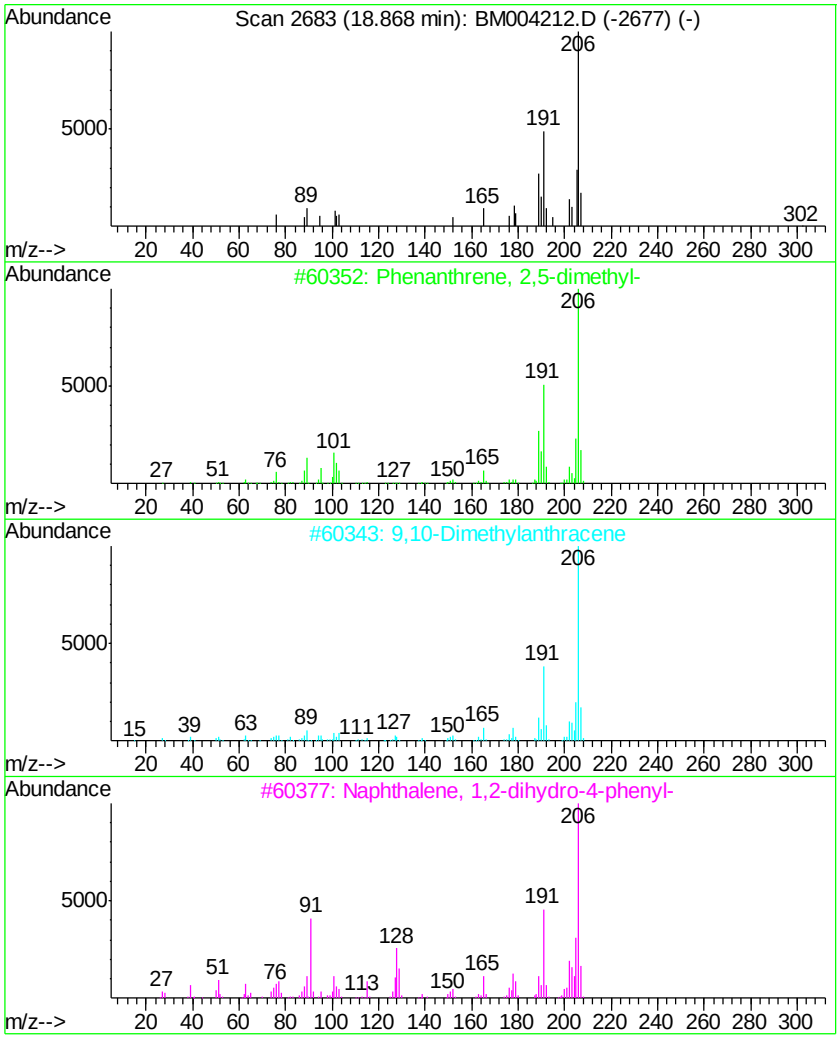
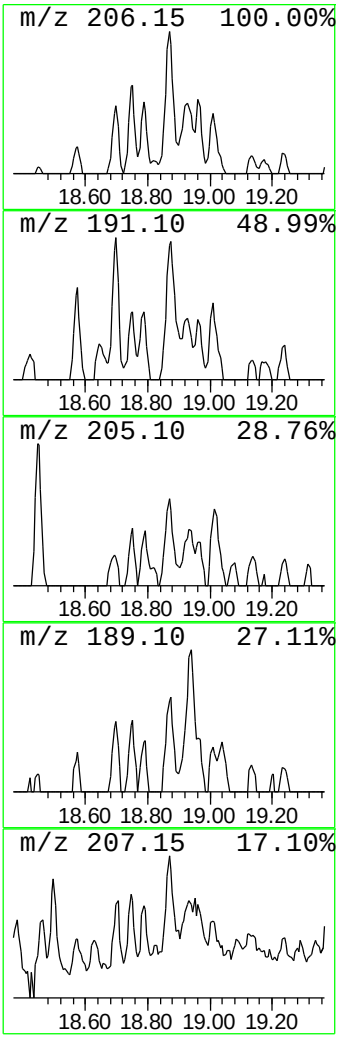
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.87 | 2.03 ng/ul | 51720 | Phenanthrene-d10 | 17.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 3 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 93 |
| 4 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |



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Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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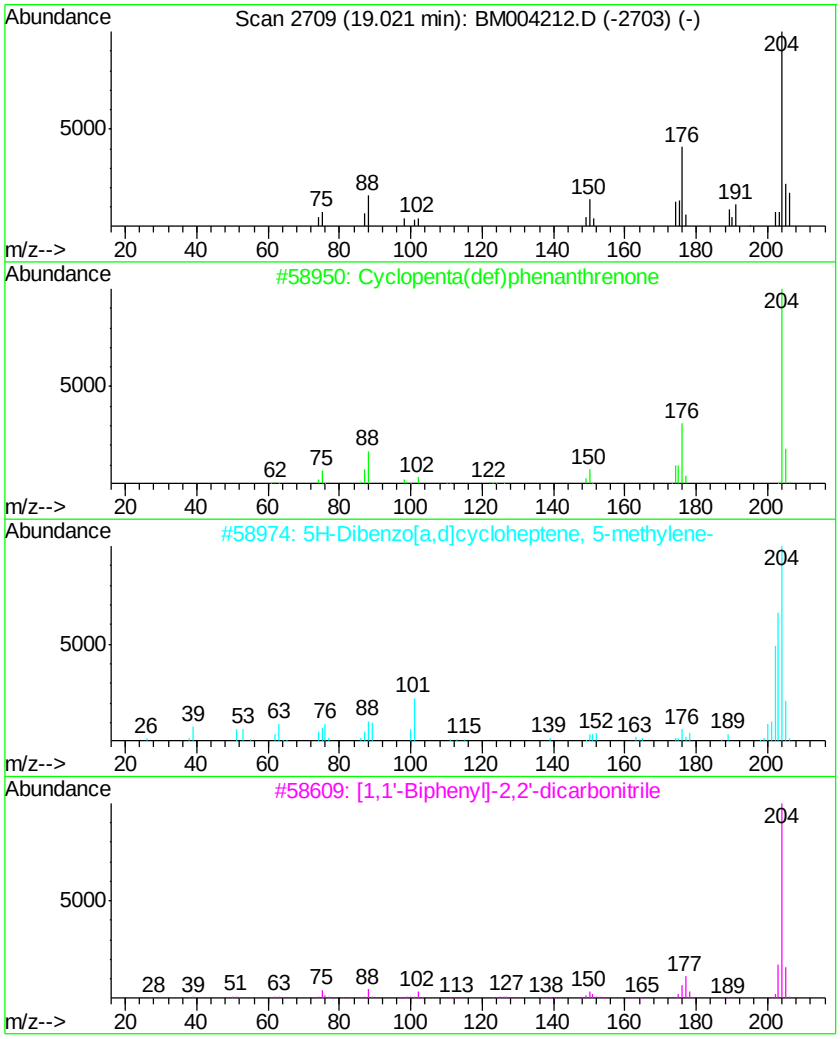
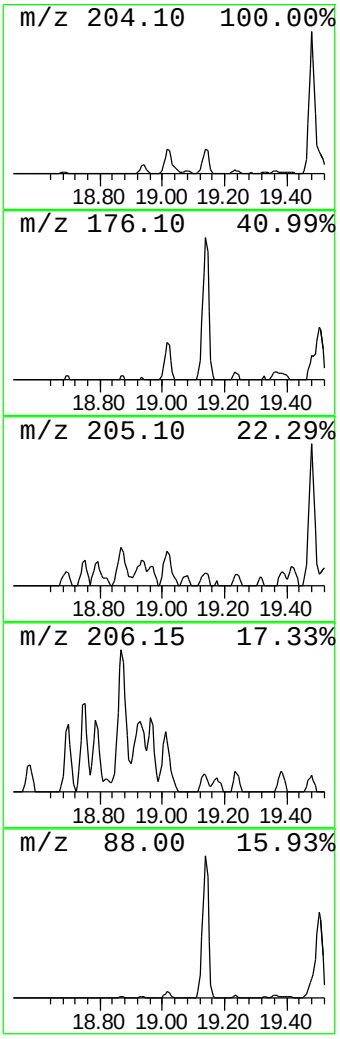
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.02 | 2.07 ng/ul | 52842 | Phenanthrene-d10 | 17.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 93 |
| 2 | 5H-Dibenzo[a,d]cycloheptene, 5-m... | 204 | C16H12 | 002975-79-3 | 43 |
| 3 | [1,1'-Biphenyl]-2,2'-dicarbonitrile | 204 | C14H8N2 | 004341-02-0 | 38 |
| 4 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 38 |
| 5 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 37 |



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Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

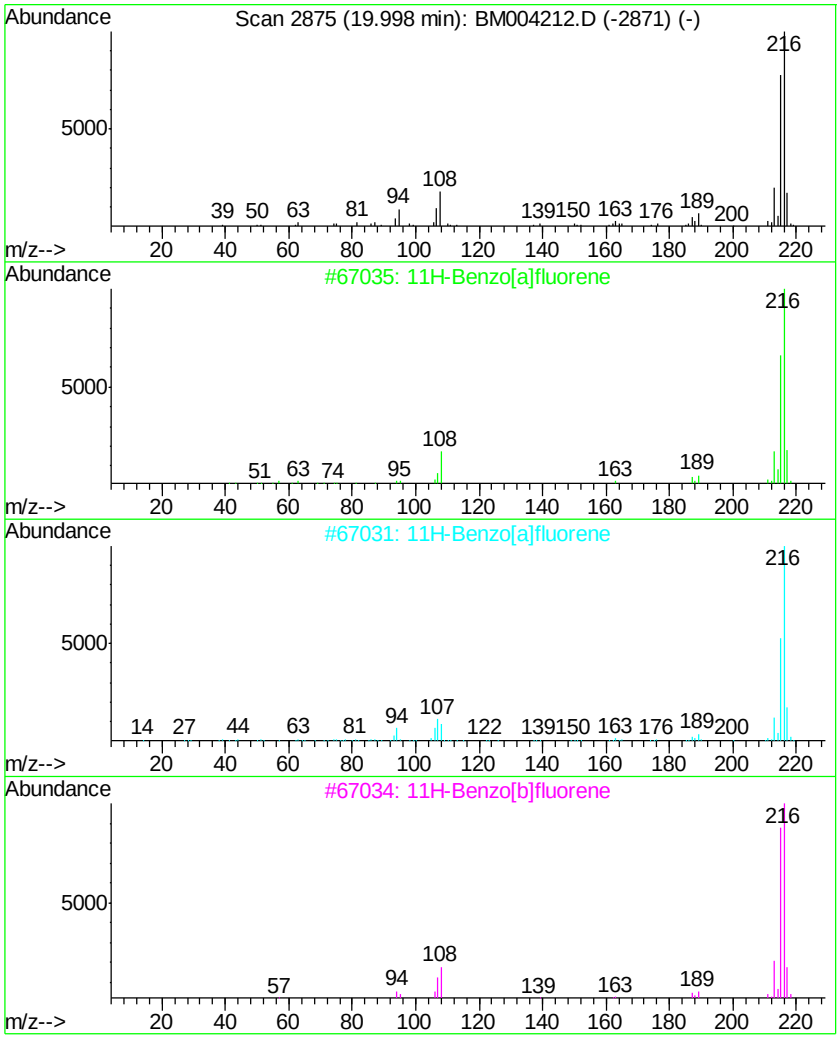
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

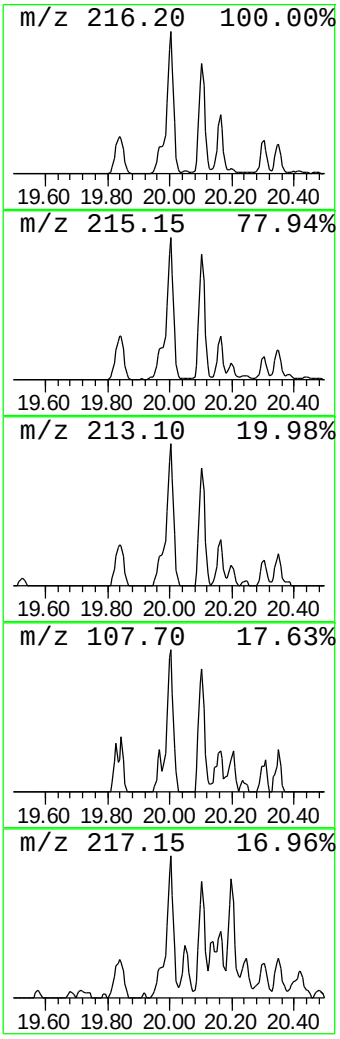
**********

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.00 | 2.73 ng/ul | 279105 | Chrysene-d12 | 21.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

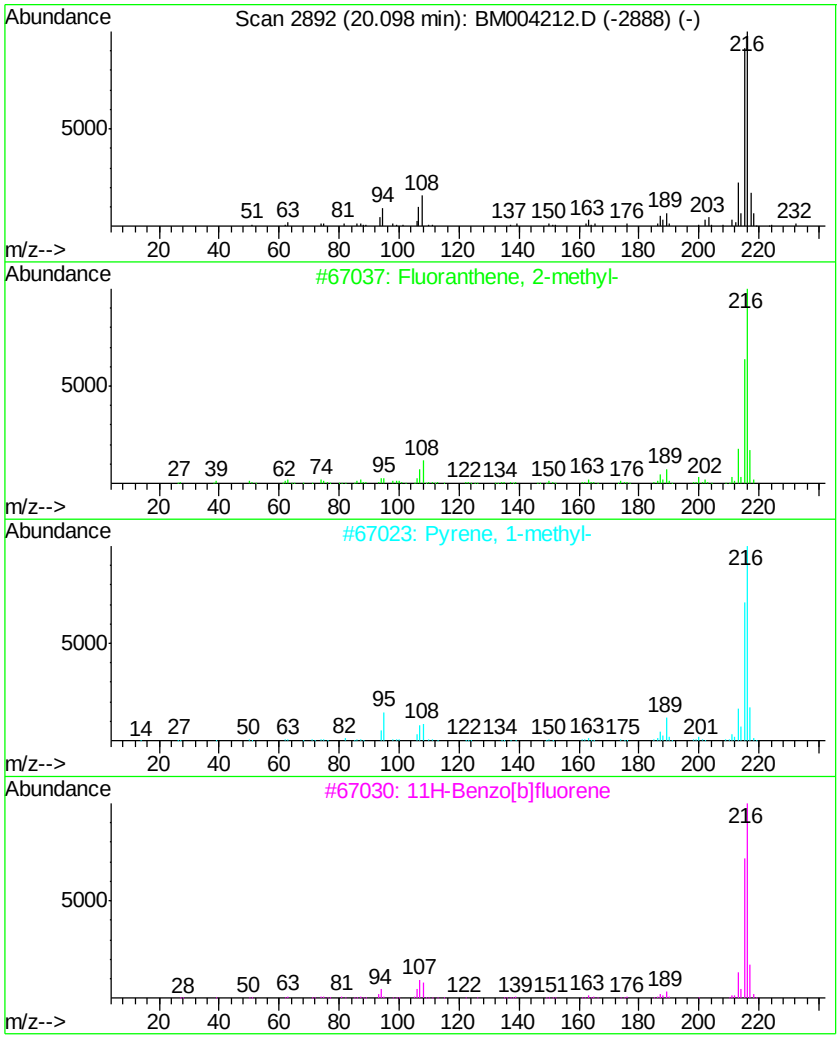
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

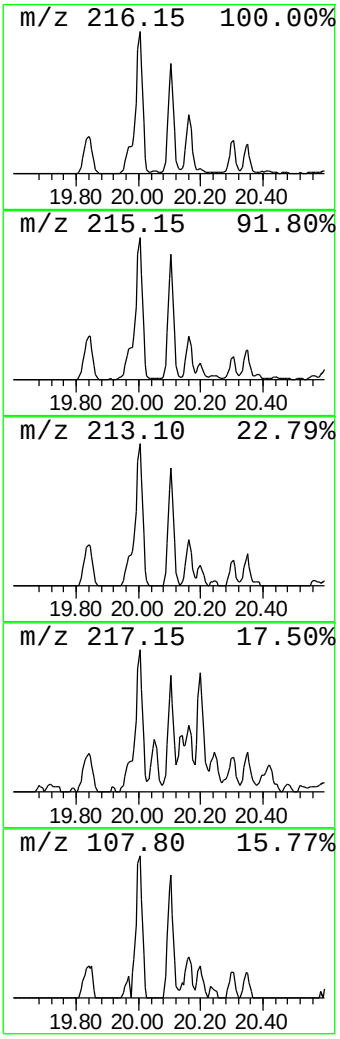
**********

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.10 | 2.07 ng/ul | 212091 | Chrysene-d12 | 21.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 96 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 92 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |



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Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

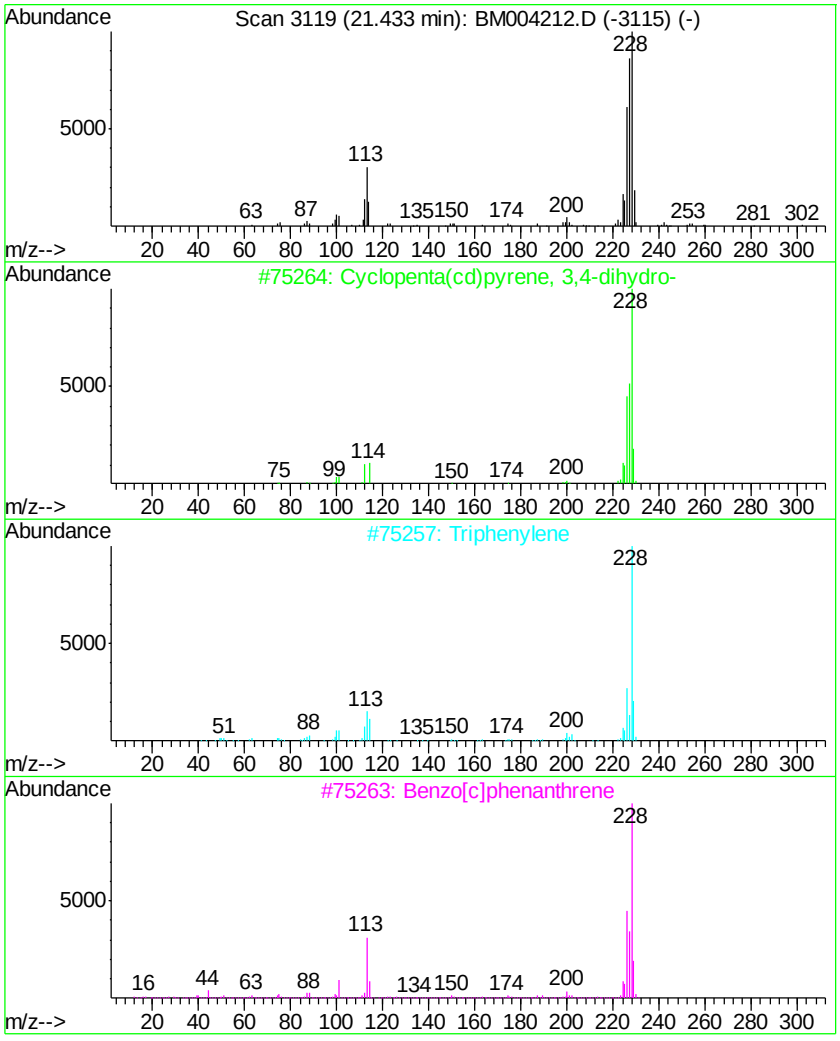
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

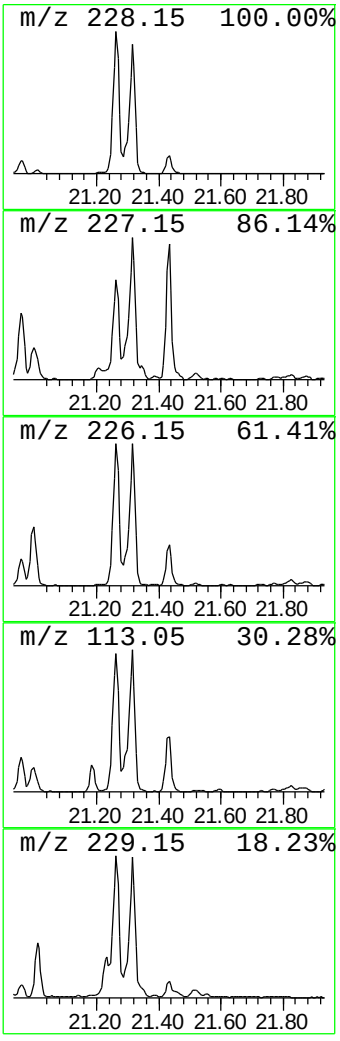
**********

Peak Number 13 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.43 | 2.10 ng/ul | 214270 | Chrysene-d12 | 21.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 90 |
| 2 | Triphenylene | 228 | C18H12 | 000217-59-4 | 86 |
| 3 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 70 |
| 4 | Benz[a]anthracene | 228 | C18H12 | 000056-55-3 | 60 |
| 5 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 49 |



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Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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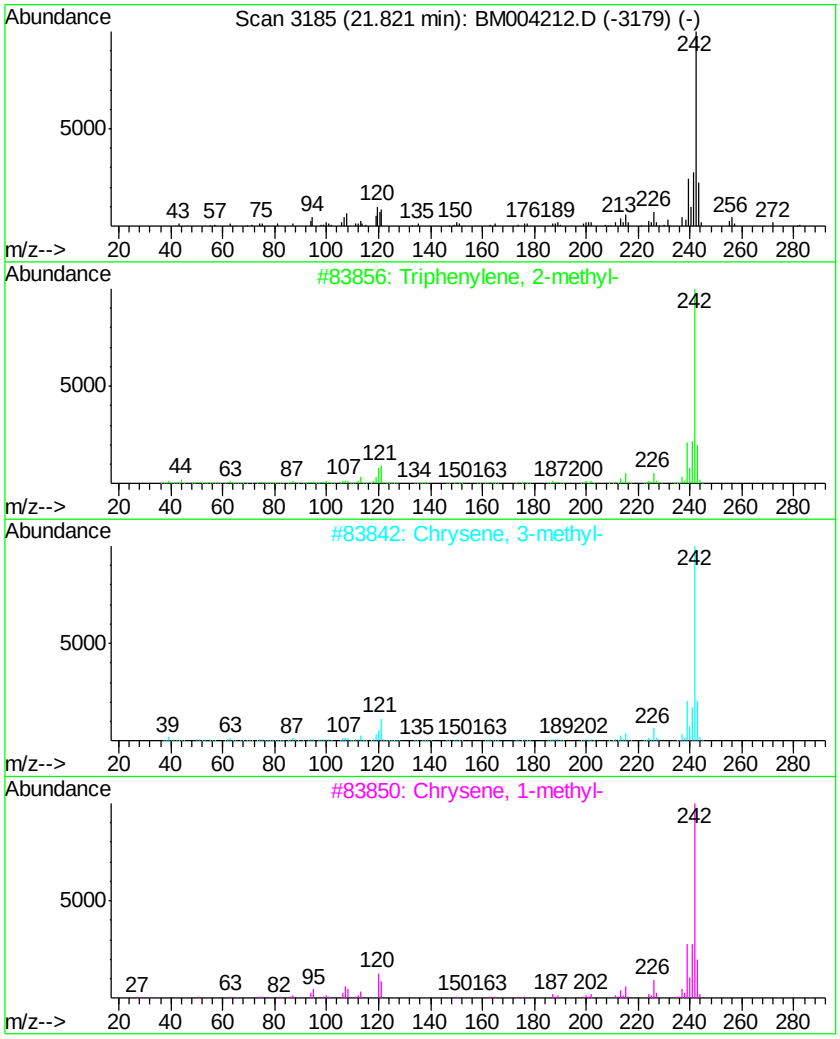
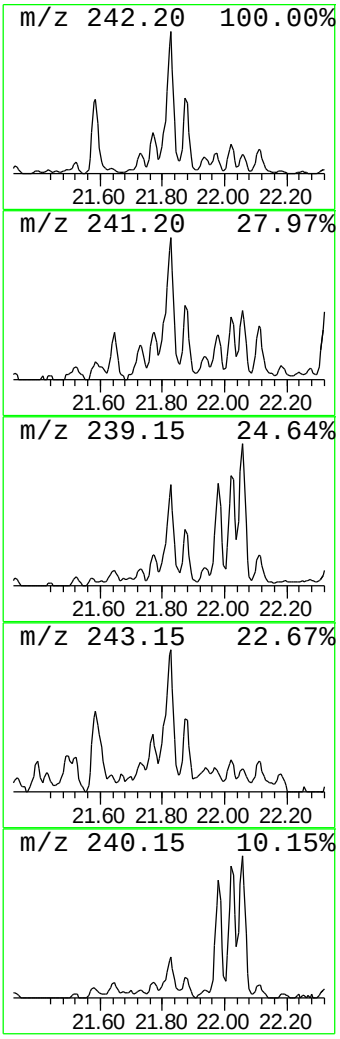
Peak Number 14 Triphenylene, 2-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.82 | 2.02 ng/ul | 206245 | Chrysene-d12 | 21.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylene, 2-methyl- | 242 | C19H14 | 001705-84-6 | 98 |
| 2 | Chrysene, 3-methyl- | 242 | C19H14 | 003351-31-3 | 94 |
| 3 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 93 |
| 4 | Benz[a]anthracene, 1-methyl- | 242 | C19H14 | 002498-77-3 | 93 |
| 5 | Benzo[c]phenanthrene, 5-methyl- | 242 | C19H14 | 000652-04-0 | 93 |



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Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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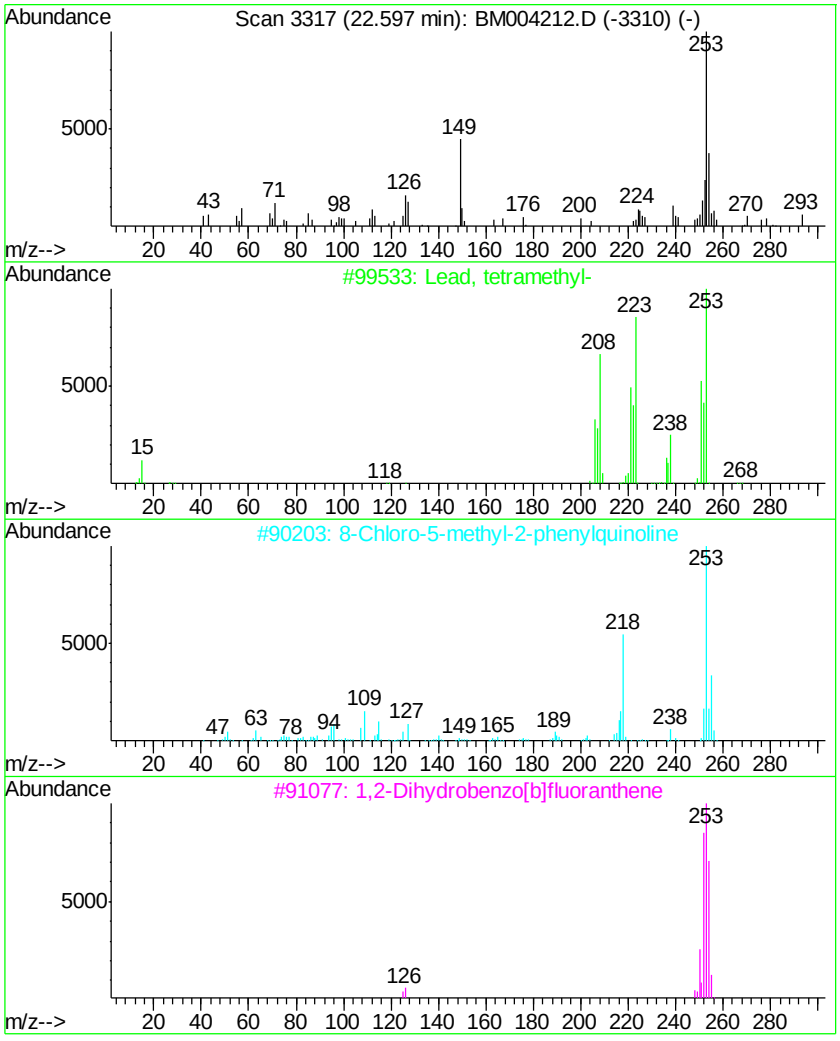
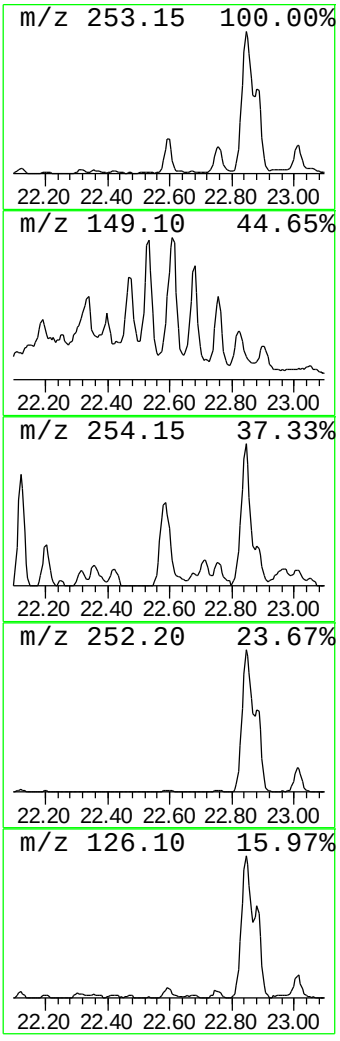
Peak Number 15 unknown-01 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.60 | 4.39 ng/ul | 130748 | Perylene-d12 | 23.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Lead, tetramethyl- | 268 | C4H12Pb | 000075-74-1 | 43 |
| 2 | 8-Chloro-5-methyl-2-phenylquinoline | 253 | C16H12ClN | 025413-16-5 | 43 |
| 3 | 1,2-Dihydrobenzo[b]fluoranthene | 254 | C20H14 | 100516-13-0 | 37 |
| 4 | 1,2-Dihydropyrido(3,2,1-kl)pheno... | 253 | C15H11NOS | 069513-42-4 | 32 |
| 5 | 5-(4-Methoxycinnamoyl)-2-methyl-... | 253 | C16H15NO2 | 094298-96-1 | 25 |



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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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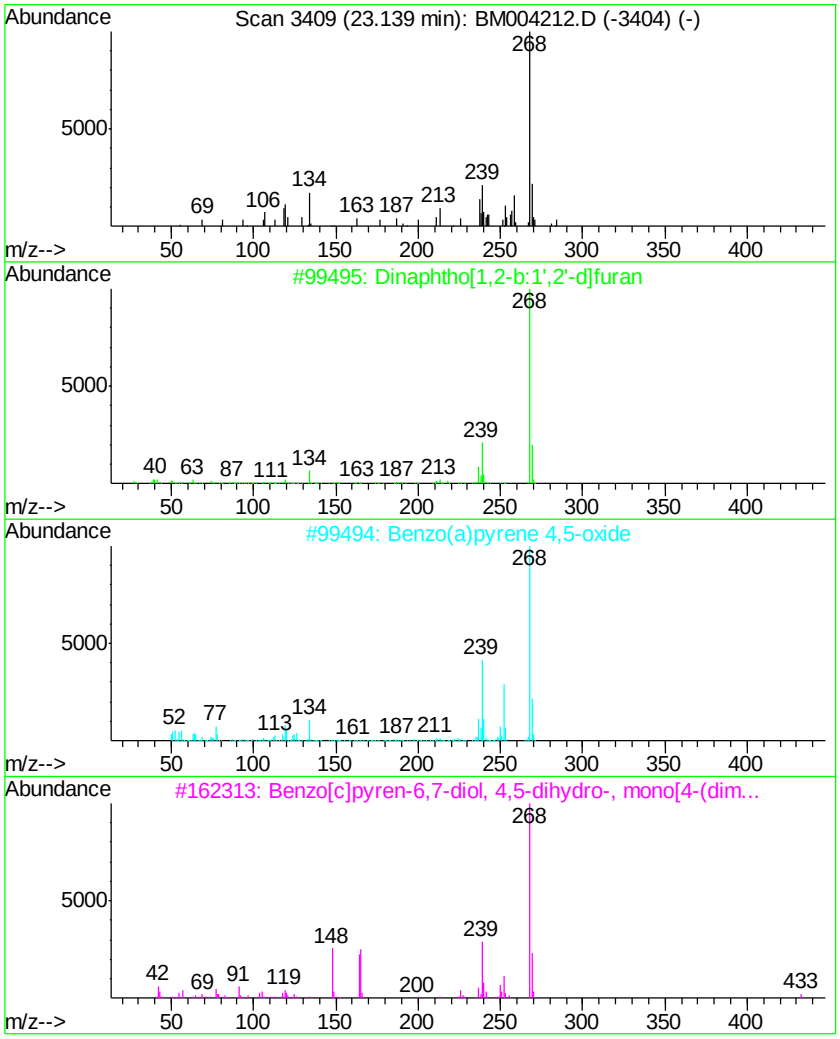
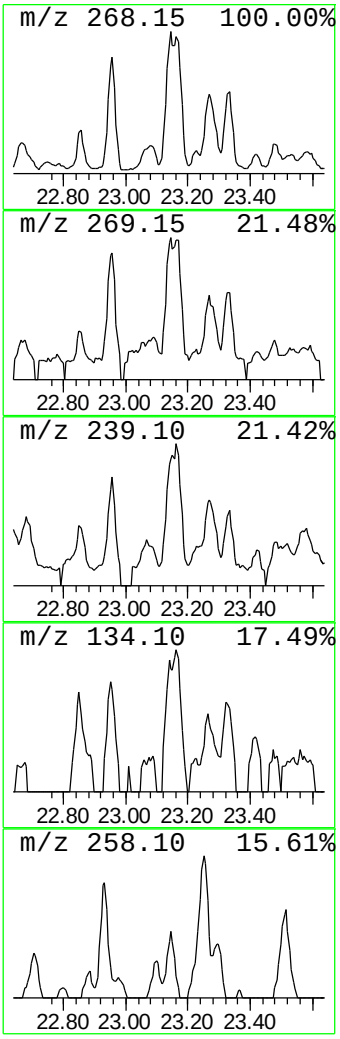
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.14 | 3.16 ng/ul | 94096 | Perylene-d12 | 23.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dinaphtho[1,2-b:1',2'-d]furan | 268 | C20H12O | 000207-93-2 | 72 |
| 2 | Benzo(a)pyrene 4,5-oxide | 268 | C20H12O | 037574-47-3 | 64 |
| 3 | Benzo[c]pyren-6,7-diol, 4,5-dihy... | 433 | C29H23NO3 | 1000124-59-9 | 64 |
| 4 | Naphthalene, 1-(2-naphthalenylme... | 268 | C21H16 | 000611-48-3 | 59 |
| 5 | 4H-Dibenz[a,kl]anthracene, 5,6-d... | 268 | C21H16 | 007198-87-0 | 59 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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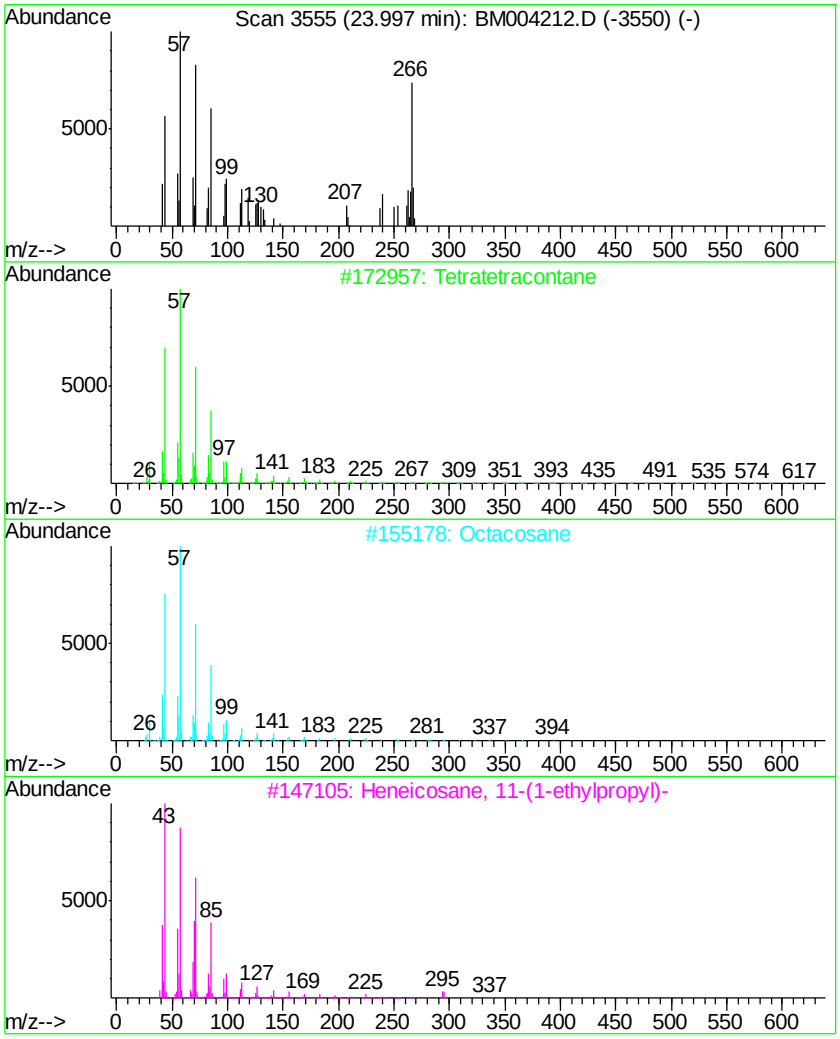
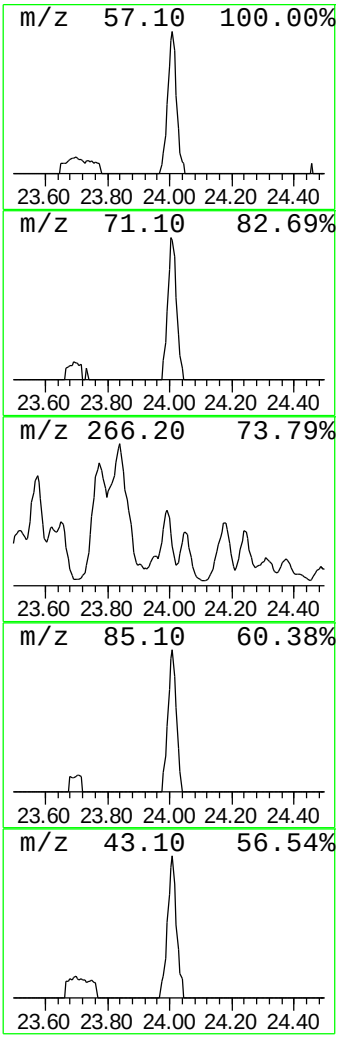
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.00 | 2.12 ng/ul | 62937 | Perylene-d12 | 23.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 64 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 64 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 59 |
| 4 | Tetracontane | 563 | C40H82 | 004181-95-7 | 59 |
| 5 | Octadecane, 3-methyl- | 268 | C19H40 | 006561-44-0 | 58 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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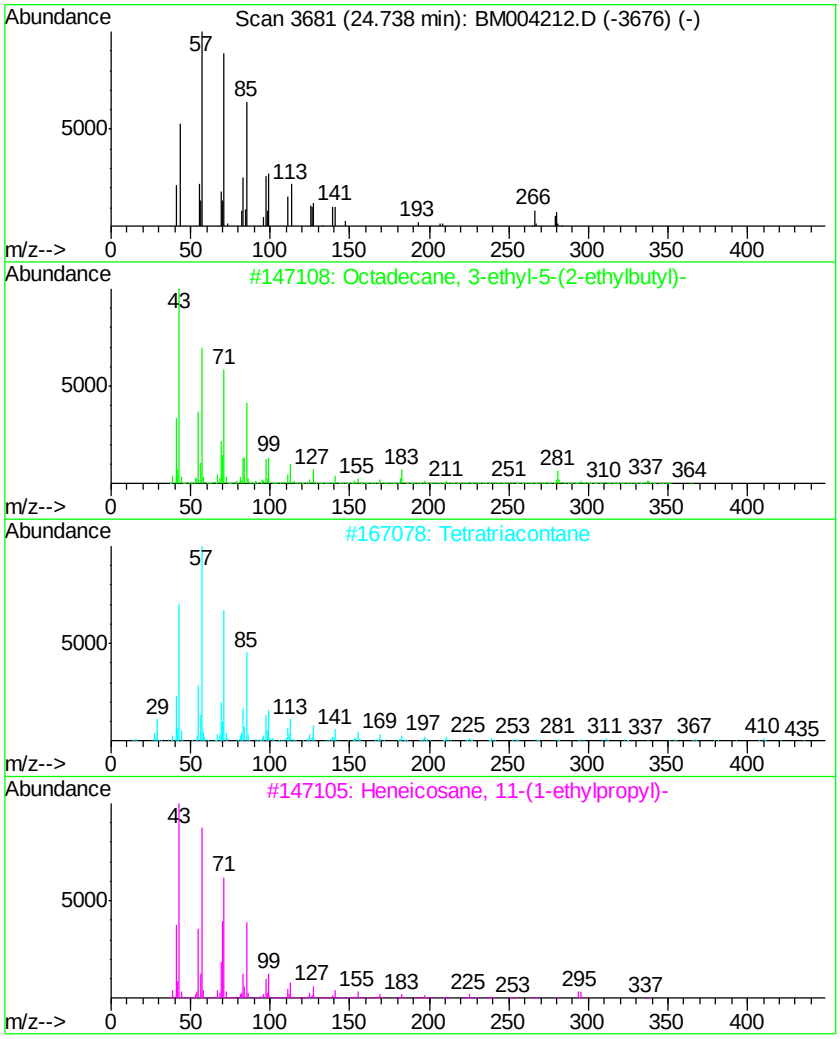
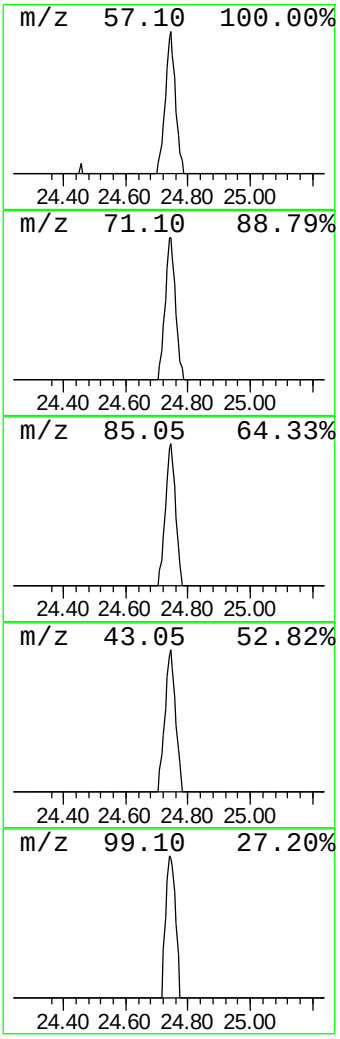
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.74 | 2.01 ng/ul | 59924 | Perylene-d12 | 23.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane, 3-ethyl-5-(2-ethylbu... | 366 | C26H54 | 055282-12-7 | 86 |
| 2 | Tetratriacontane | 479 | C34H70 | 014167-59-0 | 80 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 80 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 80 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 80 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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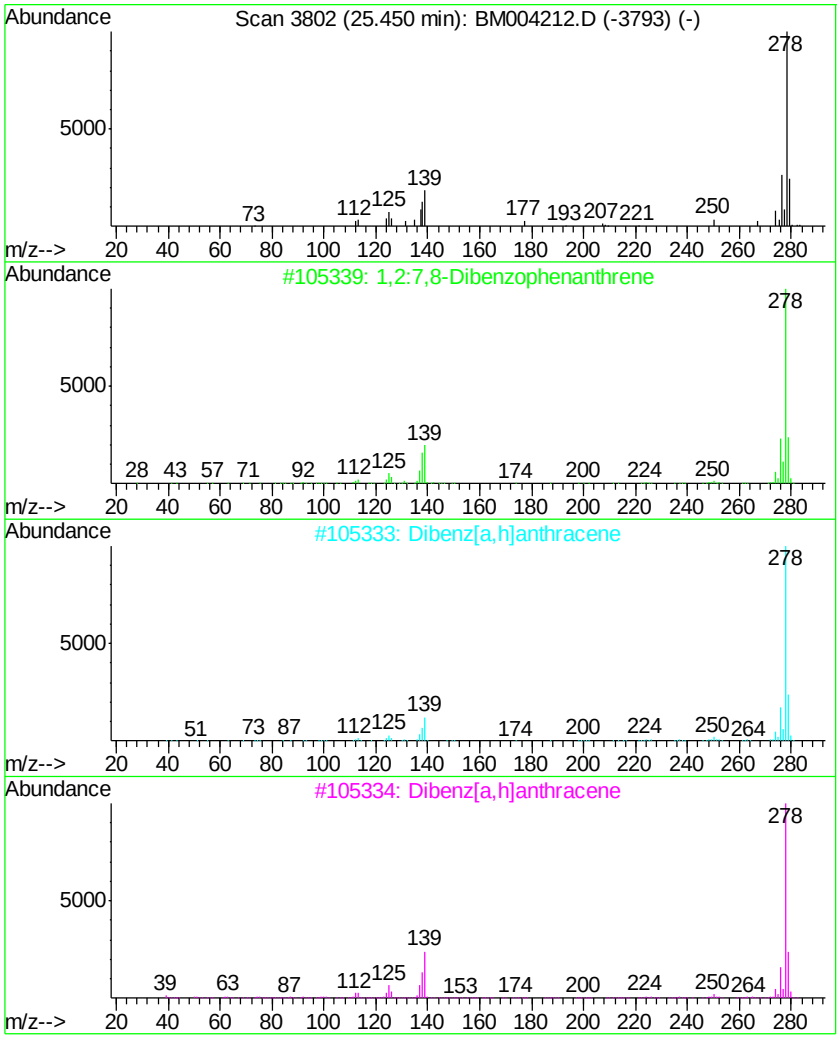
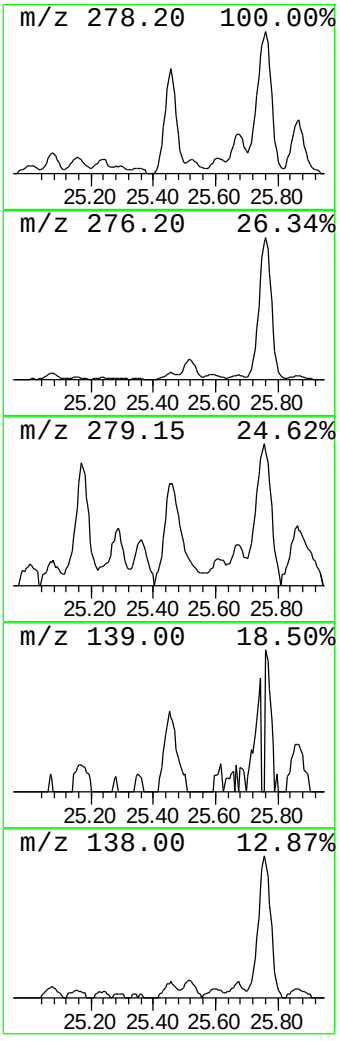
Peak Number 21 1,2:7,8-Dibenzophenanthrene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.45 | 2.35 ng/ul | 69979 | Perylene-d12 | 23.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2:7,8-Dibenzophenanthrene | 278 | C22H14 | 000213-46-7 | 90 |
| 2 | Dibenz[a,h]anthracene | 278 | C22H14 | 000053-70-3 | 90 |
| 3 | Dibenz[a,h]anthracene | 278 | C22H14 | 000053-70-3 | 89 |
| 4 | Pentacene | 278 | C22H14 | 000135-48-8 | 89 |
| 5 | Dibenz[a,h]anthracene | 278 | C22H14 | 000053-70-3 | 81 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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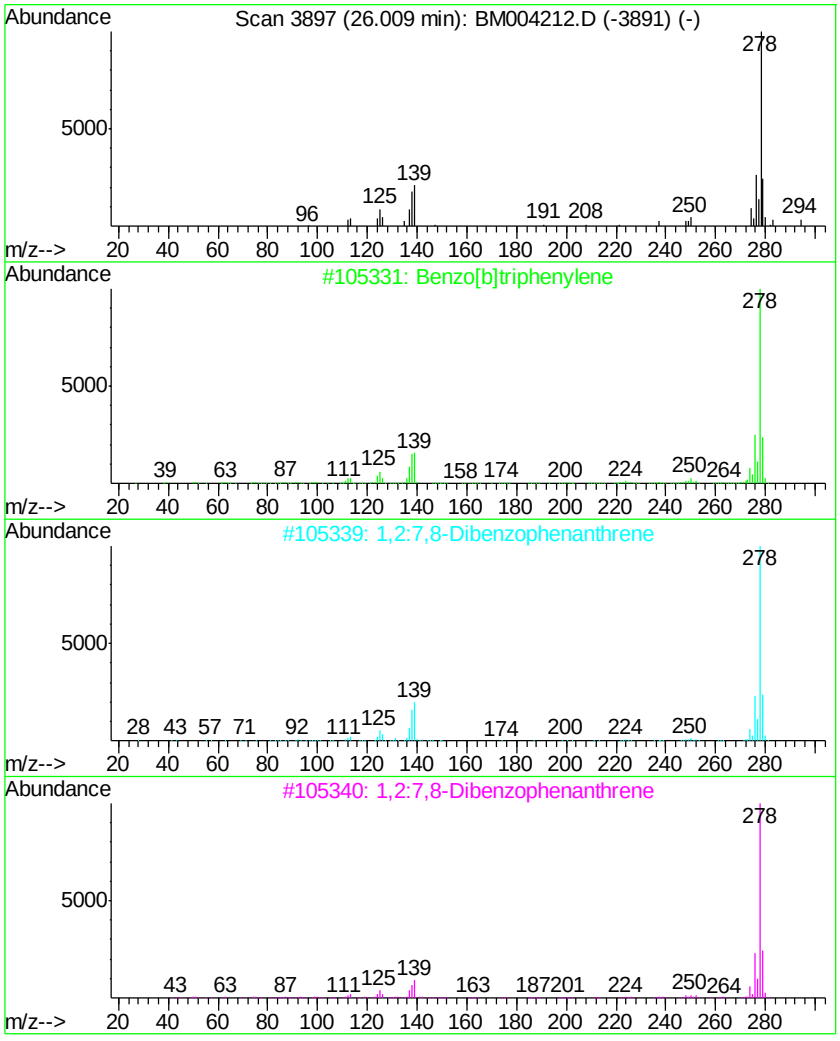
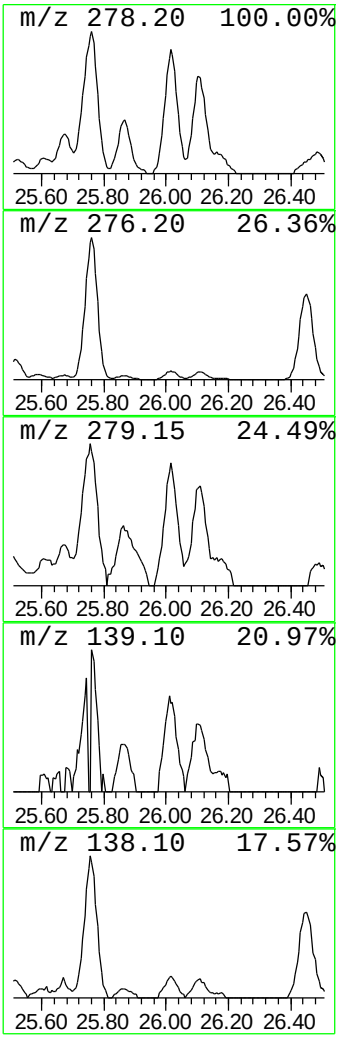
Peak Number 22 Benzo[b]triphenylene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.01 | 2.56 ng/ul | 76173 | Perylene-d12 | 23.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 96 |
| 2 | 1,2:7,8-Dibenzophenanthrene | 278 | C22H14 | 000213-46-7 | 95 |
| 3 | 1,2:7,8-Dibenzophenanthrene | 278 | C22H14 | 000213-46-7 | 94 |
| 4 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 94 |
| 5 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 94 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004212.D
Acq On : 08 Feb 2016 22:58
Operator : SJ/IZ
Sample : H1340-16DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C04P4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Dibenzothiophene | 16.89 | 2.4 | ng/ul | 59999 | 4 | 17.07 | 509585 | 20.0 |
| Phenanthrene, 2-m... | 17.94 | 4.2 | ng/ul | 106062 | 4 | 17.07 | 509585 | 20.0 |
| Phenanthrene, 1-m... | 17.99 | 6.1 | ng/ul | 156462 | 4 | 17.07 | 509585 | 20.0 |
| 1H-Cyclopropa[l]p... | 18.07 | 2.2 | ng/ul | 56208 | 4 | 17.07 | 509585 | 20.0 |
| 4H-Cyclopenta[def... | 18.14 | 9.3 | ng/ul | 237251 | 4 | 17.07 | 509585 | 20.0 |
| Phenanthrene, 3-m... | 18.17 | 2.2 | ng/ul | 56926 | 4 | 17.07 | 509585 | 20.0 |
| Naphthalene, 2-ph... | 18.45 | 3.2 | ng/ul | 82138 | 4 | 17.07 | 509585 | 20.0 |
| 9,10-Anthracenedione | 18.50 | 2.1 | ng/ul | 53876 | 4 | 17.07 | 509585 | 20.0 |
| Phenanthrene, 2,5... | 18.87 | 2.0 | ng/ul | 51720 | 4 | 17.07 | 509585 | 20.0 |
| Cyclopenta(def)ph... | 19.02 | 2.1 | ng/ul | 52842 | 4 | 17.07 | 509585 | 20.0 |
| 11H-Benzo[a]fluorene | 20.00 | 2.7 | ng/ul | 279105 | 5 | 21.28 | 2044710 | 20.0 |
| Fluoranthene, 2-m... | 20.10 | 2.1 | ng/ul | 212091 | 5 | 21.28 | 2044710 | 20.0 |
| Cyclopenta(cd)pyr... | 21.43 | 2.1 | ng/ul | 214270 | 5 | 21.28 | 2044710 | 20.0 |
| Triphenylene, 2-m... | 21.82 | 2.0 | ng/ul | 206245 | 5 | 21.28 | 2044710 | 20.0 |
| unknown-01 | 22.60 | 4.4 | ng/ul | 130748 | 6 | 23.51 | 595006 | 20.0 |
| Dinaphtho[1,2-b:1... | 23.14 | 3.2 | ng/ul | 94096 | 6 | 23.51 | 595006 | 20.0 |
| (DEL) Alkane: Str... | 24.00 | 2.1 | ng/ul | 62937 | 6 | 23.51 | 595006 | 20.0 |
| (DEL) Alkane: Str... | 24.74 | 2.0 | ng/ul | 59924 | 6 | 23.51 | 595006 | 20.0 |
| 1,2:7,8-Dibenzoph... | 25.45 | 2.4 | ng/ul | 69979 | 6 | 23.51 | 595006 | 20.0 |
| Benzo[b]triphenylene | 26.01 | 2.6 | ng/ul | 76173 | 6 | 23.51 | 595006 | 20.0 |