LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

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-BM092915.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 | 3.363 | 40 | 47 | 53 | rVV | 180428 | 373622 | 11.22% | 0.956% |
| 2 | 3.452 | 57 | 62 | 81 | rVB | 2198582 | 3329587 | 100.00% | 8.520% |
| 3 | 6.075 | 500 | 508 | 517 | rBV | 208444 | 321207 | 9.65% | 0.822% |
| 4 | 6.216 | 523 | 532 | 544 | rBV | 52324 | 90528 | 2.72% | 0.232% |
| 5 | 6.592 | 589 | 596 | 605 | rBV2 | 260168 | 495961 | 14.90% | 1.269% |
| 6 | 7.110 | 678 | 684 | 691 | rBV | 114545 | 175824 | 5.28% | 0.450% |
| 7 | 7.622 | 763 | 771 | 780 | rBV | 74697 | 124306 | 3.73% | 0.318% |
| 8 | 7.739 | 786 | 791 | 795 | rVV | 32281 | 48132 | 1.45% | 0.123% |
| 9 | 7.810 | 795 | 803 | 817 | rVB | 188201 | 338455 | 10.17% | 0.866% |
| 10 | 7.987 | 827 | 833 | 840 | rBV | 173041 | 287611 | 8.64% | 0.736% |
| 11 | 8.216 | 865 | 872 | 878 | rBV | 201018 | 349162 | 10.49% | 0.894% |
| 12 | 8.698 | 946 | 954 | 964 | rBV | 337176 | 594374 | 17.85% | 1.521% |
| 13 | 9.392 | 1066 | 1072 | 1085 | rBV | 165264 | 286032 | 8.59% | 0.732% |
| 14 | 9.533 | 1090 | 1096 | 1107 | rVB | 68798 | 117893 | 3.54% | 0.302% |
| 15 | 9.810 | 1136 | 1143 | 1149 | rBV | 39616 | 63243 | 1.90% | 0.162% |
| 16 | 9.892 | 1149 | 1157 | 1164 | rBV | 188046 | 327453 | 9.83% | 0.838% |
| 17 | 10.622 | 1275 | 1281 | 1288 | rBV | 143436 | 248642 | 7.47% | 0.636% |
| 18 | 11.163 | 1366 | 1373 | 1383 | rVB | 220100 | 374587 | 11.25% | 0.959% |
| 19 | 11.557 | 1431 | 1440 | 1446 | rBV | 470038 | 801480 | 24.07% | 2.051% |
| 20 | 11.610 | 1446 | 1449 | 1455 | rVV | 43938 | 65485 | 1.97% | 0.168% |
| 21 | 11.680 | 1455 | 1461 | 1474 | rVB | 160936 | 293457 | 8.81% | 0.751% |
| 22 | 14.674 | 1964 | 1970 | 1974 | rVV | 389617 | 571446 | 17.16% | 1.462% |
| 23 | 14.715 | 1974 | 1977 | 1985 | rVB | 164270 | 222238 | 6.67% | 0.569% |
| 24 | 14.998 | 2015 | 2025 | 2039 | rBV | 488268 | 779304 | 23.41% | 1.994% |
| 25 | 15.292 | 2068 | 2075 | 2082 | rVV2 | 590950 | 920928 | 27.66% | 2.357% |
| 26 | 15.357 | 2082 | 2086 | 2091 | rVB | 64117 | 90898 | 2.73% | 0.233% |
| 27 | 15.463 | 2099 | 2104 | 2115 | rVB | 79969 | 131683 | 3.95% | 0.337% |
| 28 | 15.680 | 2134 | 2141 | 2147 | rBV | 46558 | 74966 | 2.25% | 0.192% |
| 29 | 16.268 | 2234 | 2241 | 2246 | rVV | 607682 | 898712 | 26.99% | 2.300% |
| 30 | 16.321 | 2246 | 2250 | 2257 | rVV2 | 82433 | 119214 | 3.58% | 0.305% |
| 31 | 16.386 | 2257 | 2261 | 2267 | rVV | 50471 | 76807 | 2.31% | 0.197% |
| 32 | 16.786 | 2325 | 2329 | 2332 | rVV2 | 21080 | 39264 | 1.18% | 0.100% |
| 33 | 17.174 | 2388 | 2395 | 2400 | rBV | 25997 | 41758 | 1.25% | 0.107% |
| 34 | 17.321 | 2416 | 2420 | 2424 | rVV2 | 32822 | 62717 | 1.88% | 0.160% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

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-BM092915.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 17.456 | 2435 | 2443 | 2448 | rVV5 | 20744 | 49758 | 1.49% | 0.127% |
| 36 | 17.580 | 2458 | 2464 | 2471 | rVV | 71076 | 115216 | 3.46% | 0.295% |
| 37 | 17.668 | 2471 | 2479 | 2484 | rVV2 | 47085 | 92088 | 2.77% | 0.236% |
| 38 | 17.727 | 2484 | 2489 | 2497 | rVV5 | 19289 | 49943 | 1.50% | 0.128% |
| 39 | 17.827 | 2502 | 2506 | 2515 | rVB | 40366 | 62477 | 1.88% | 0.160% |
| 40 | 18.004 | 2527 | 2536 | 2540 | rBV | 685914 | 1052400 | 31.61% | 2.693% |
| 41 | 18.045 | 2540 | 2543 | 2548 | rVV | 828250 | 1163820 | 34.95% | 2.978% |
| 42 | 18.104 | 2548 | 2553 | 2557 | rVV | 627900 | 971221 | 29.17% | 2.485% |
| 43 | 18.139 | 2557 | 2559 | 2565 | rVV | 201654 | 230108 | 6.91% | 0.589% |
| 44 | 18.398 | 2594 | 2603 | 2610 | rBV3 | 115513 | 209212 | 6.28% | 0.535% |
| 45 | 18.798 | 2665 | 2671 | 2675 | rBV5 | 35678 | 55252 | 1.66% | 0.141% |
| 46 | 18.856 | 2675 | 2681 | 2684 | rBV | 92578 | 139197 | 4.18% | 0.356% |
| 47 | 18.903 | 2684 | 2689 | 2696 | rVB | 129281 | 206662 | 6.21% | 0.529% |
| 48 | 18.980 | 2696 | 2702 | 2707 | rBV | 53287 | 78407 | 2.35% | 0.201% |
| 49 | 19.056 | 2707 | 2715 | 2718 | rBV2 | 139073 | 309586 | 9.30% | 0.792% |
| 50 | 19.327 | 2756 | 2761 | 2766 | rBV | 82845 | 111881 | 3.36% | 0.286% |
| 51 | 19.386 | 2766 | 2771 | 2777 | rVB2 | 64582 | 110231 | 3.31% | 0.282% |
| 52 | 19.615 | 2806 | 2810 | 2814 | rBV | 45667 | 59129 | 1.78% | 0.151% |
| 53 | 19.733 | 2825 | 2830 | 2835 | rVV | 66515 | 107669 | 3.23% | 0.276% |
| 54 | 19.892 | 2850 | 2857 | 2867 | rVB2 | 55175 | 117242 | 3.52% | 0.300% |
| 55 | 20.003 | 2867 | 2876 | 2882 | rBV | 1260109 | 1831765 | 55.01% | 4.688% |
| 56 | 20.092 | 2886 | 2891 | 2897 | rVB3 | 41666 | 71249 | 2.14% | 0.182% |
| 57 | 20.174 | 2902 | 2905 | 2909 | rVV4 | 23973 | 43540 | 1.31% | 0.111% |
| 58 | 20.245 | 2914 | 2917 | 2924 | rVB | 62075 | 96251 | 2.89% | 0.246% |
| 59 | 20.333 | 2924 | 2932 | 2934 | rBV4 | 812281 | 1302955 | 39.13% | 3.334% |
| 60 | 20.362 | 2934 | 2937 | 2942 | rVV | 1117951 | 1467935 | 44.09% | 3.756% |
| 61 | 20.415 | 2942 | 2946 | 2950 | rVB2 | 55531 | 80025 | 2.40% | 0.205% |
| 62 | 20.521 | 2961 | 2964 | 2969 | rVB | 64249 | 79804 | 2.40% | 0.204% |
| 63 | 20.597 | 2973 | 2977 | 2981 | rVB | 49775 | 69142 | 2.08% | 0.177% |
| 64 | 20.662 | 2983 | 2988 | 2995 | rVV3 | 89318 | 188919 | 5.67% | 0.483% |
| 65 | 20.727 | 2995 | 2999 | 3002 | rVV2 | 27510 | 44584 | 1.34% | 0.114% |
| 66 | 20.833 | 3003 | 3017 | 3023 | rVB | 168568 | 397706 | 11.94% | 1.018% |
| 67 | 20.927 | 3028 | 3033 | 3036 | rBV | 106512 | 148840 | 4.47% | 0.381% |
| 68 | 20.962 | 3036 | 3039 | 3041 | rVV2 | 32058 | 40675 | 1.22% | 0.104% |
| 69 | 20.992 | 3041 | 3044 | 3047 | rVB | 75160 | 85317 | 2.56% | 0.218% |
| 70 | 21.127 | 3063 | 3067 | 3071 | rBV | 68697 | 111332 | 3.34% | 0.285% |
| 71 | 21.174 | 3071 | 3075 | 3080 | rVB2 | 67661 | 107243 | 3.22% | 0.274% |

LSC Area Percent Report

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Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

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-BM092915.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 21.244 | 3084 | 3087 | 3091 | rBV5 | 30302 | 39343 | 1.18% | 0.101% |
| 73 | 21.562 | 3137 | 3141 | 3147 | rVB | 114998 | 164182 | 4.93% | 0.420% |
| 74 | 21.733 | 3160 | 3170 | 3174 | rBV2 | 600566 | 1099087 | 33.01% | 2.813% |
| 75 | 21.809 | 3179 | 3183 | 3187 | rVV2 | 136627 | 215691 | 6.48% | 0.552% |
| 76 | 21.856 | 3187 | 3191 | 3197 | rVB2 | 121514 | 196264 | 5.89% | 0.502% |
| 77 | 22.086 | 3220 | 3230 | 3235 | rBV2 | 1026651 | 2449976 | 73.58% | 6.270% |
| 78 | 22.133 | 3235 | 3238 | 3248 | rVB | 623799 | 904069 | 27.15% | 2.314% |
| 79 | 22.239 | 3251 | 3256 | 3261 | rVV2 | 256270 | 432109 | 12.98% | 1.106% |
| 80 | 22.291 | 3261 | 3265 | 3270 | rVV | 384323 | 572933 | 17.21% | 1.466% |
| 81 | 22.344 | 3271 | 3274 | 3276 | rVV | 135254 | 185988 | 5.59% | 0.476% |
| 82 | 22.374 | 3276 | 3279 | 3285 | rVB2 | 155445 | 227016 | 6.82% | 0.581% |
| 83 | 22.439 | 3285 | 3290 | 3295 | rBV | 95219 | 151576 | 4.55% | 0.388% |
| 84 | 22.633 | 3319 | 3323 | 3326 | rBV2 | 58127 | 89450 | 2.69% | 0.229% |
| 85 | 22.697 | 3331 | 3334 | 3340 | rVB | 95494 | 144661 | 4.34% | 0.370% |
| 86 | 22.927 | 3370 | 3373 | 3378 | rBV4 | 52141 | 80965 | 2.43% | 0.207% |
| 87 | 22.986 | 3378 | 3383 | 3387 | rVB | 163792 | 247768 | 7.44% | 0.634% |
| 88 | 23.738 | 3507 | 3511 | 3515 | rBV2 | 59888 | 92453 | 2.78% | 0.237% |
| 89 | 23.885 | 3529 | 3536 | 3542 | rBV | 484235 | 1324054 | 39.77% | 3.388% |
| 90 | 24.085 | 3565 | 3570 | 3576 | rVB | 91322 | 160603 | 4.82% | 0.411% |
| 91 | 24.403 | 3619 | 3624 | 3627 | rBV2 | 73271 | 122850 | 3.69% | 0.314% |
| 92 | 24.456 | 3627 | 3633 | 3637 | rVV | 239828 | 454896 | 13.66% | 1.164% |
| 93 | 24.515 | 3637 | 3643 | 3648 | rVV | 453827 | 949310 | 28.51% | 2.429% |
| 94 | 24.568 | 3648 | 3652 | 3660 | rVB | 394243 | 783133 | 23.52% | 2.004% |
| 95 | 24.685 | 3664 | 3672 | 3678 | rBV | 568387 | 1251929 | 37.60% | 3.204% |
| 96 | 25.162 | 3749 | 3753 | 3763 | rVB | 118321 | 257143 | 7.72% | 0.658% |
| 97 | 26.050 | 3898 | 3904 | 3916 | rVB2 | 133642 | 351692 | 10.56% | 0.900% |
| 98 | 27.097 | 4075 | 4082 | 4094 | rVB3 | 132435 | 413013 | 12.40% | 1.057% |
| 99 | 27.403 | 4125 | 4134 | 4145 | rVB | 209207 | 703376 | 21.13% | 1.800% |
| 100 | 28.250 | 4270 | 4278 | 4286 | rBV2 | 115802 | 416292 | 12.50% | 1.065% |

Sum of corrected areas: 39077579

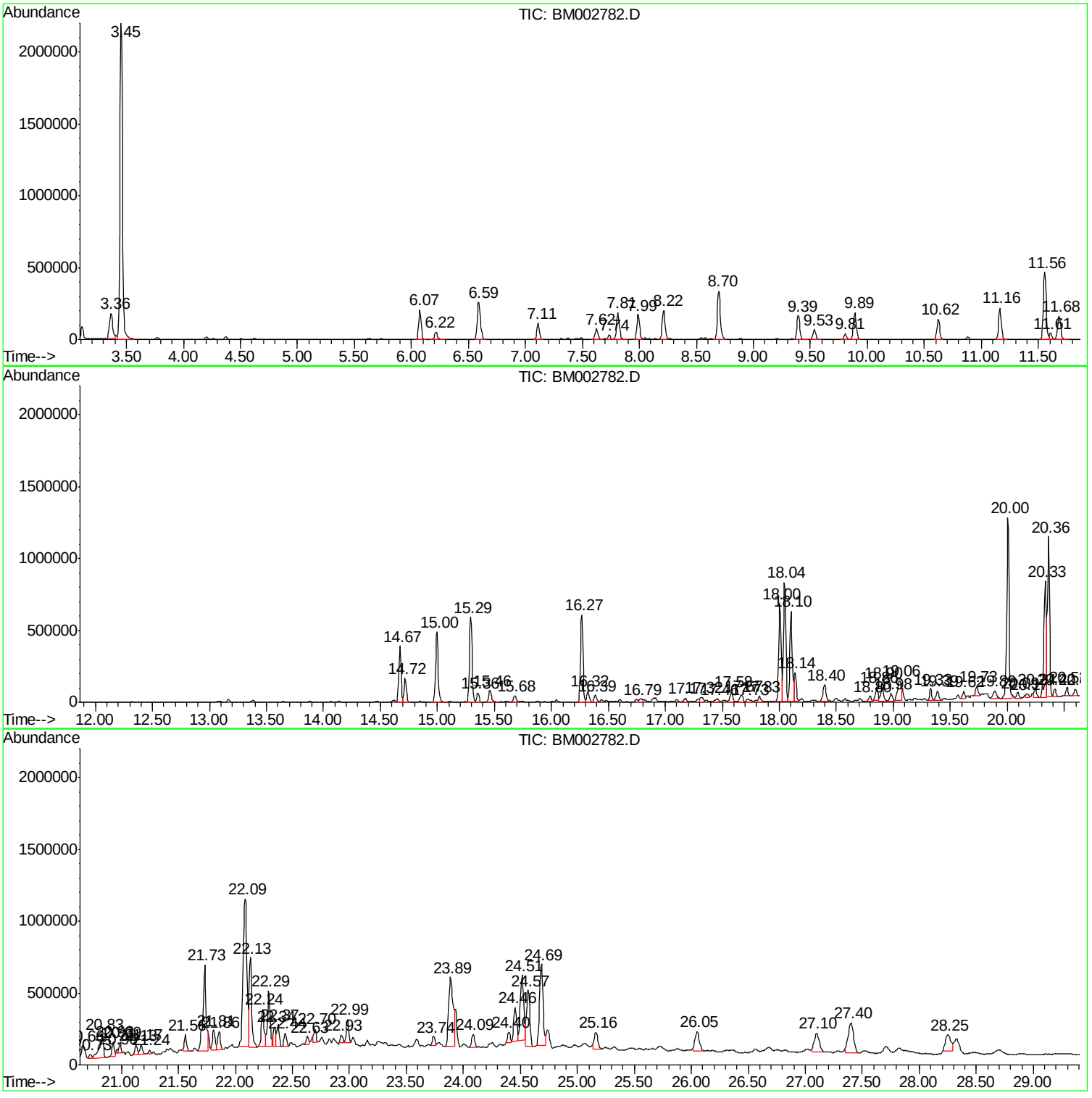
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

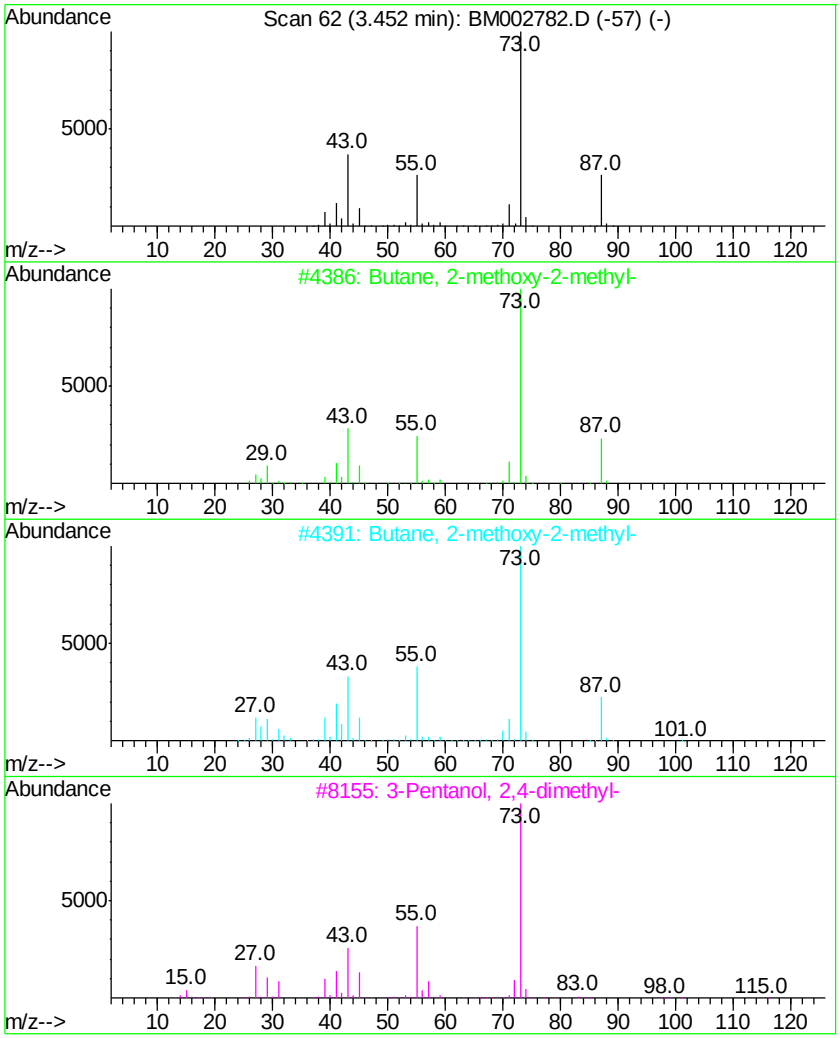
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

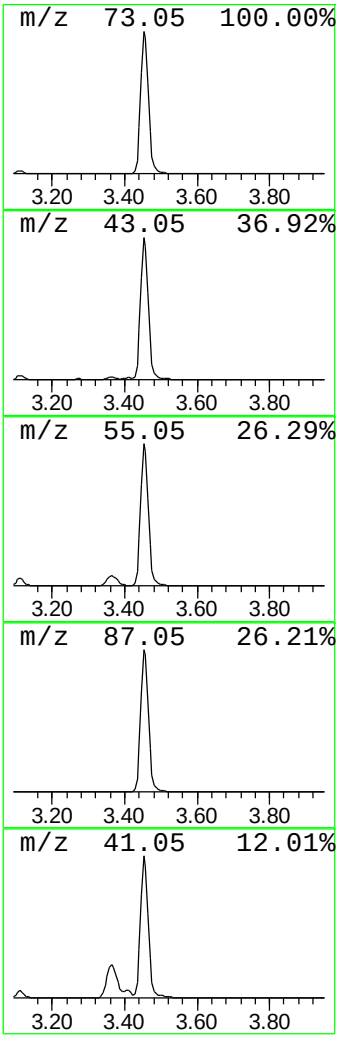
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.45 | 112.04 ng/ul | 3329590 | 1,4-Dichlorobenzene-d4 | 8.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 56 |
| 3 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 37 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 22 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

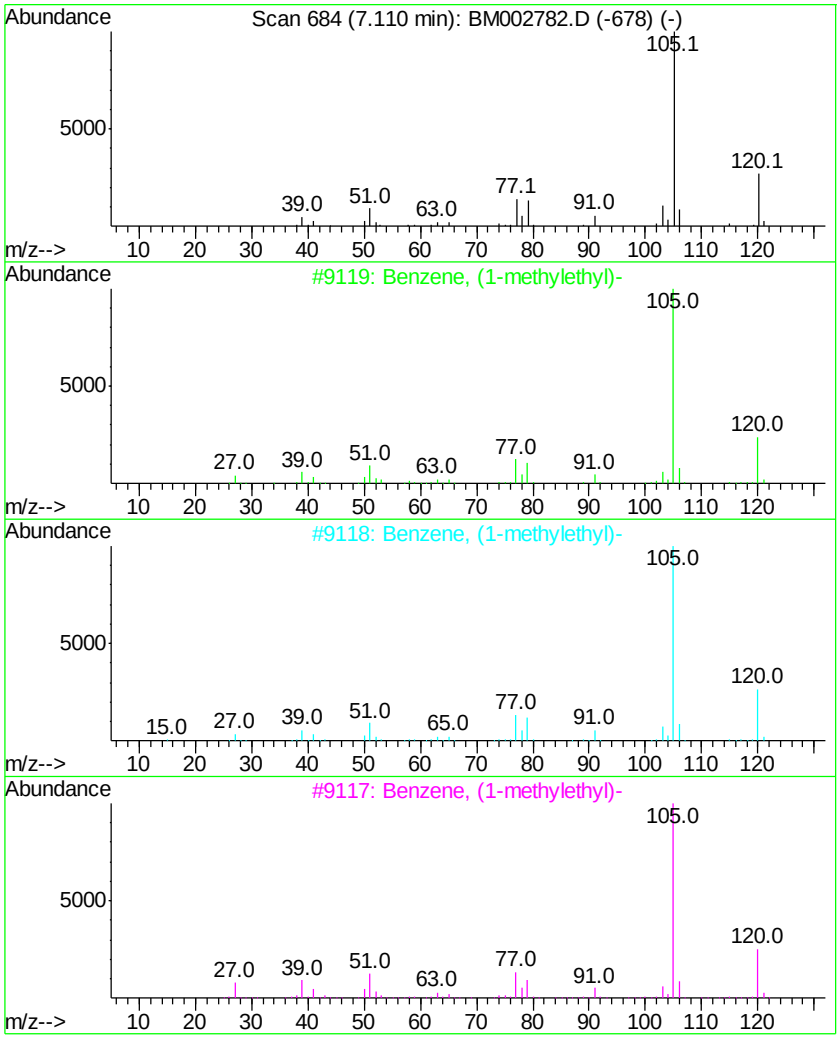
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

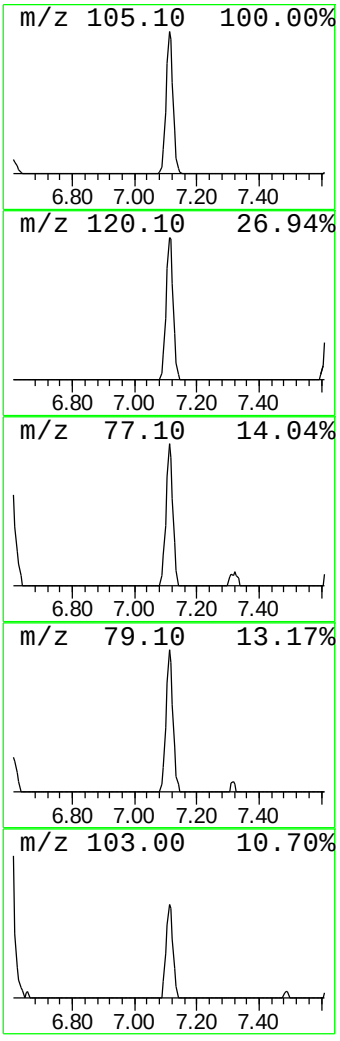
**********

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.11 | 5.92 ng/ul | 175824 | 1,4-Dichlorobenzene-d4 | 8.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

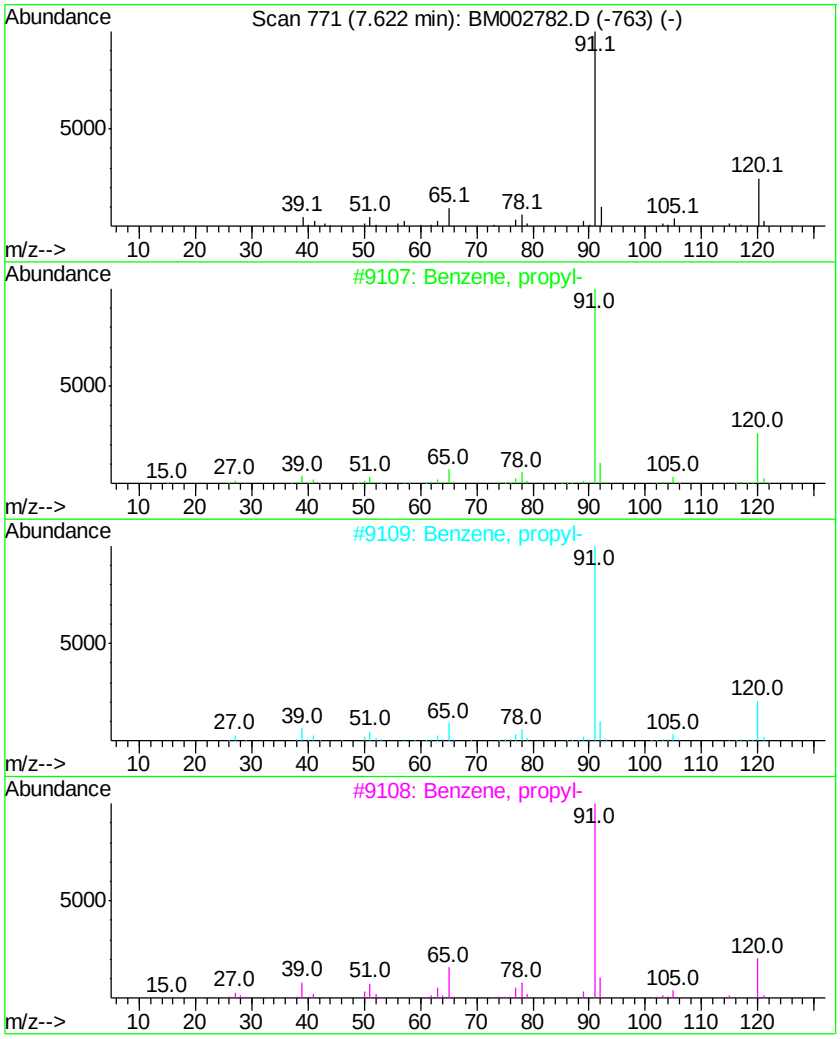
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

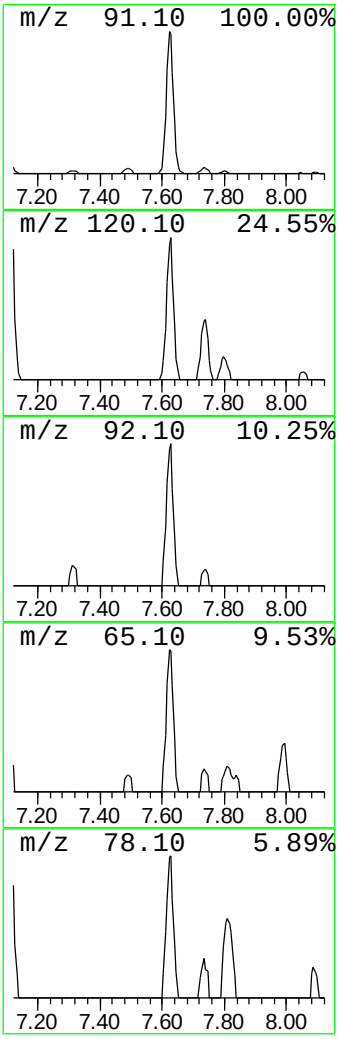
**********

Peak Number 7 Benzene, propyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.62 | 4.18 ng/ul | 124306 | 1,4-Dichlorobenzene-d4 | 8.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 72 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

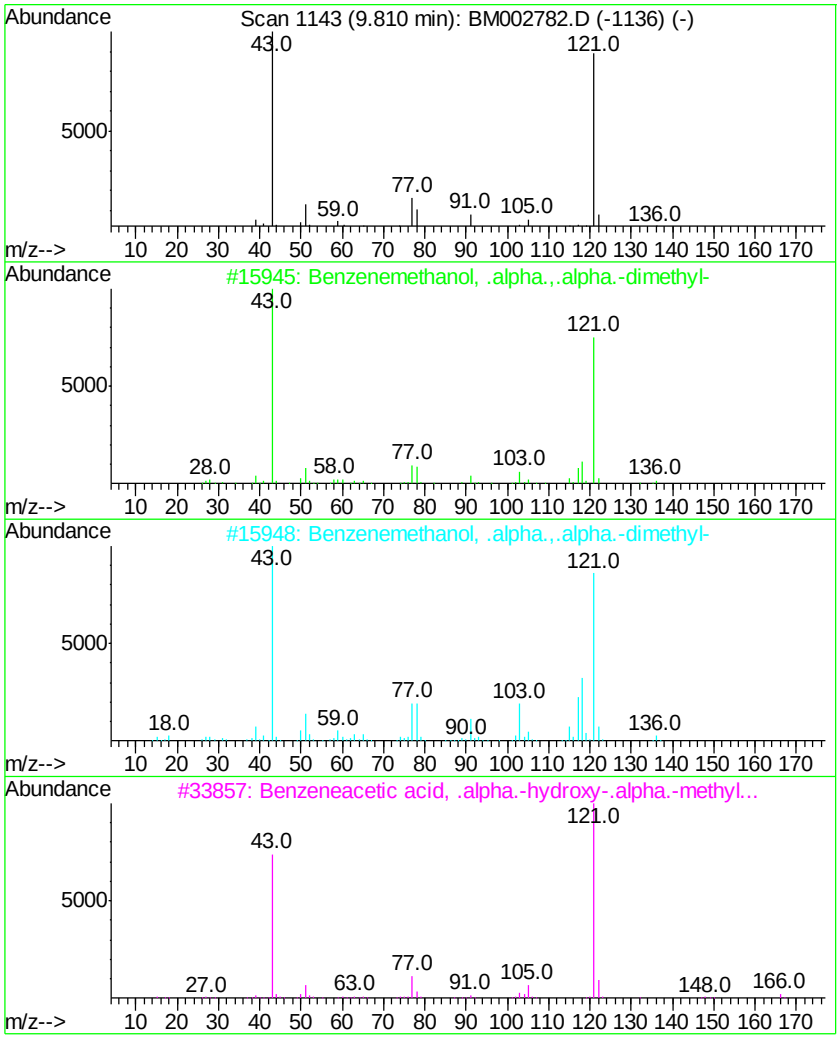
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

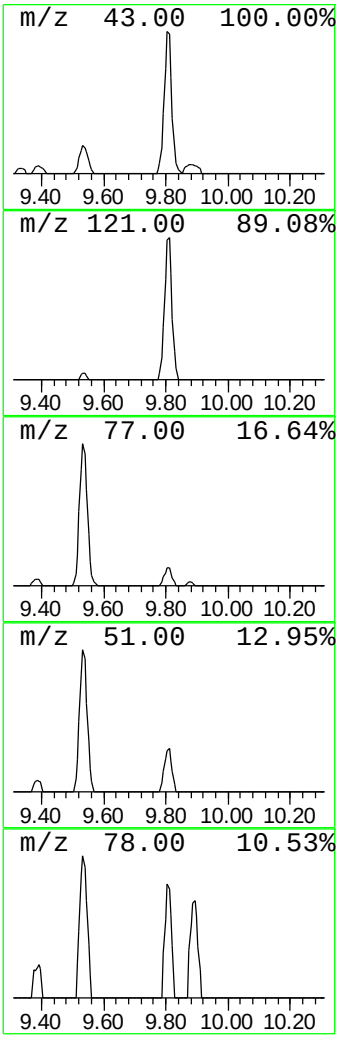
**********

Peak Number 8 Benzenemethanol, .alpha.,.a... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.81 | 2.13 ng/ul | 63243 | 1,4-Dichlorobenzene-d4 | 8.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenemethanol, .alpha.,.alpha.... | 136 | C9H12O | 000617-94-7 | 80 |
| 2 | Benzenemethanol, .alpha.,.alpha.... | 136 | C9H12O | 000617-94-7 | 78 |
| 3 | Benzeneacetic acid, .alpha.-hydr... | 166 | C9H10O3 | 004607-38-9 | 78 |
| 4 | Benzeneacetamide, .alpha.-hydrox... | 179 | C10H13NO2 | 002019-70-7 | 78 |
| 5 | Benzenemethanol, .alpha.-ethyl-.... | 150 | C10H14O | 019641-57-7 | 64 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

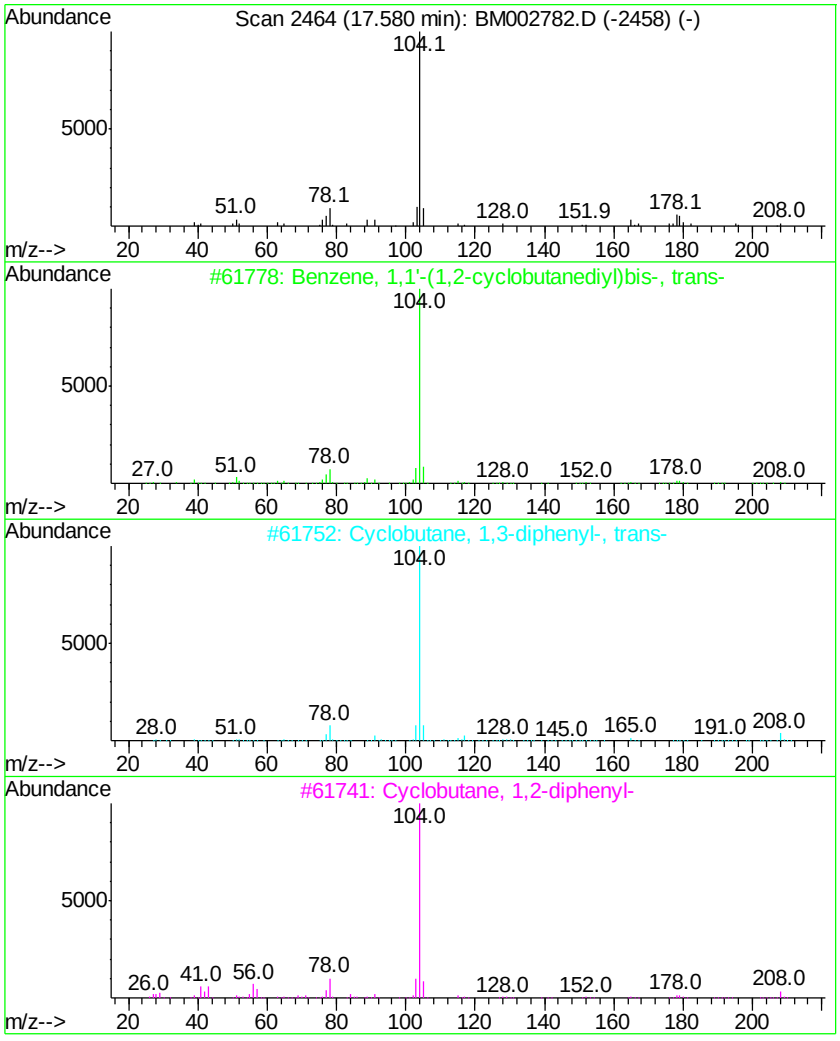
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

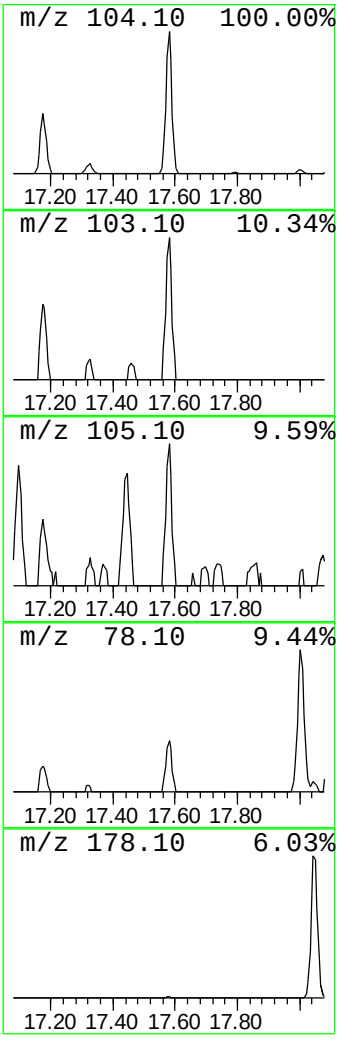
**********

Peak Number 9 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.58 | 2.19 ng/ul | 115216 | Phenanthrene-d10 | 18.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,1'-(1,2-cyclobutanedi... | 208 | C16H16 | 020071-09-4 | 78 |
| 2 | Cyclobutane, 1,3-diphenyl-, trans- | 208 | C16H16 | 025558-23-0 | 72 |
| 3 | Cyclobutane, 1,2-diphenyl- | 208 | C16H16 | 003018-21-1 | 56 |
| 4 | [2.2]Paracyclophane | 208 | C16H16 | 001633-22-3 | 43 |
| 5 | [2.2]Paracyclophane | 208 | C16H16 | 001633-22-3 | 43 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

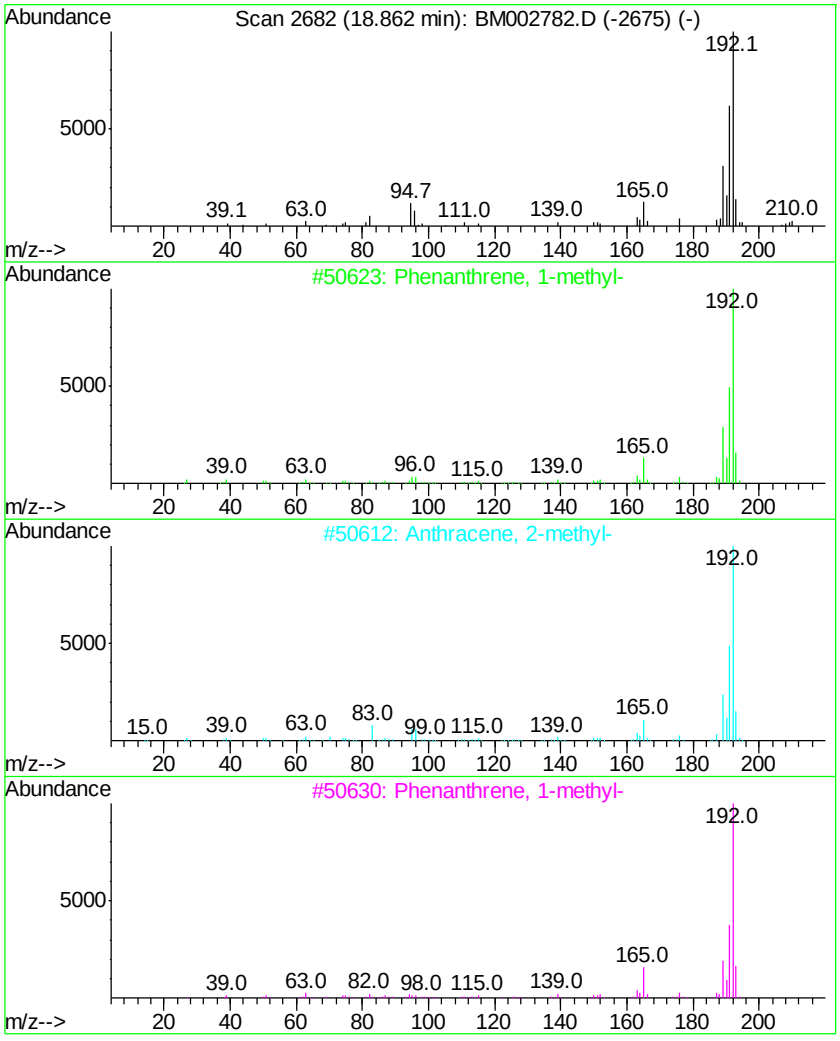
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

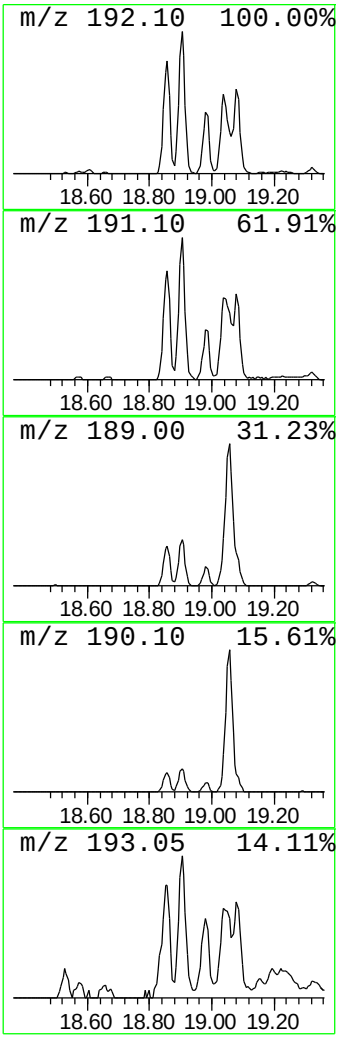
**********

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.86 | 2.65 ng/ul | 139197 | Phenanthrene-d10 | 18.00 |

| 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 | 97 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 94 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

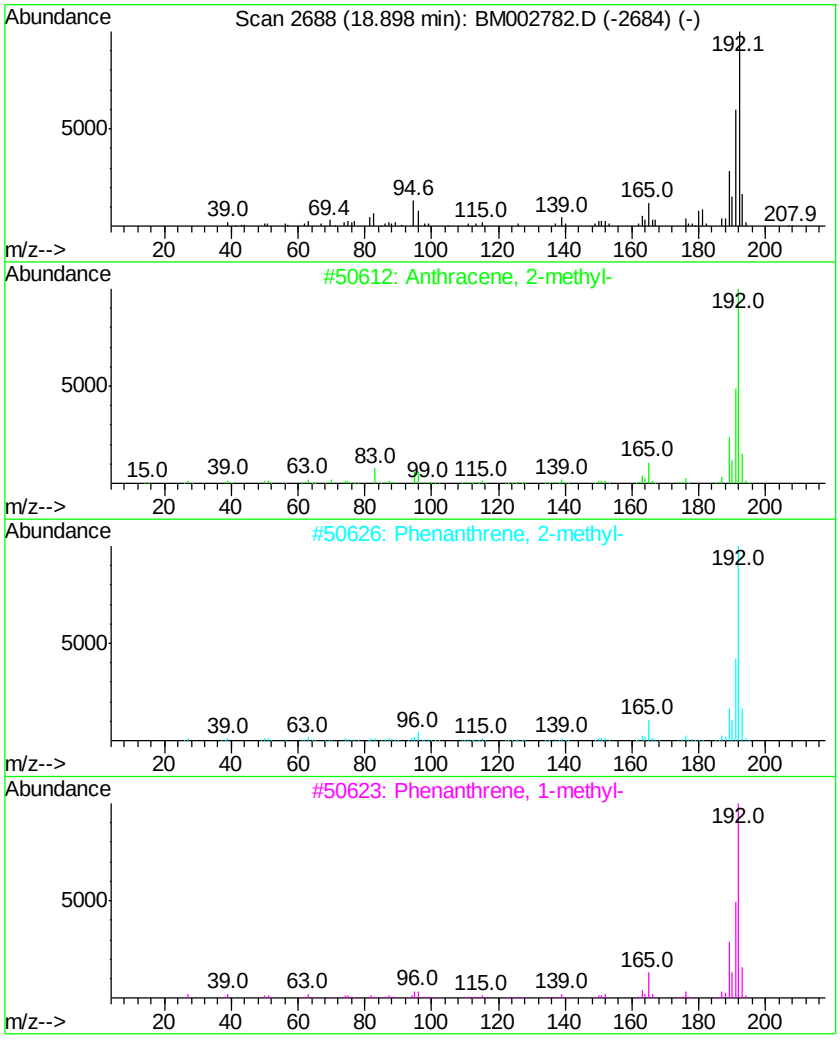
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

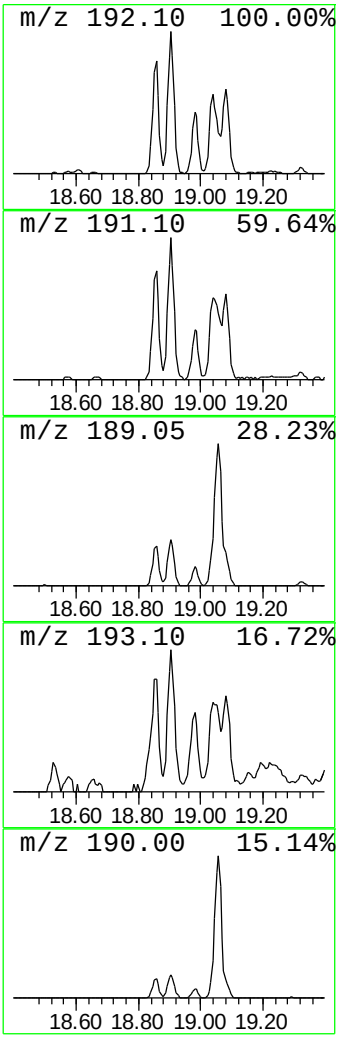
**********

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.90 | 3.93 ng/ul | 206662 | Phenanthrene-d10 | 18.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 97 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 5 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 94 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

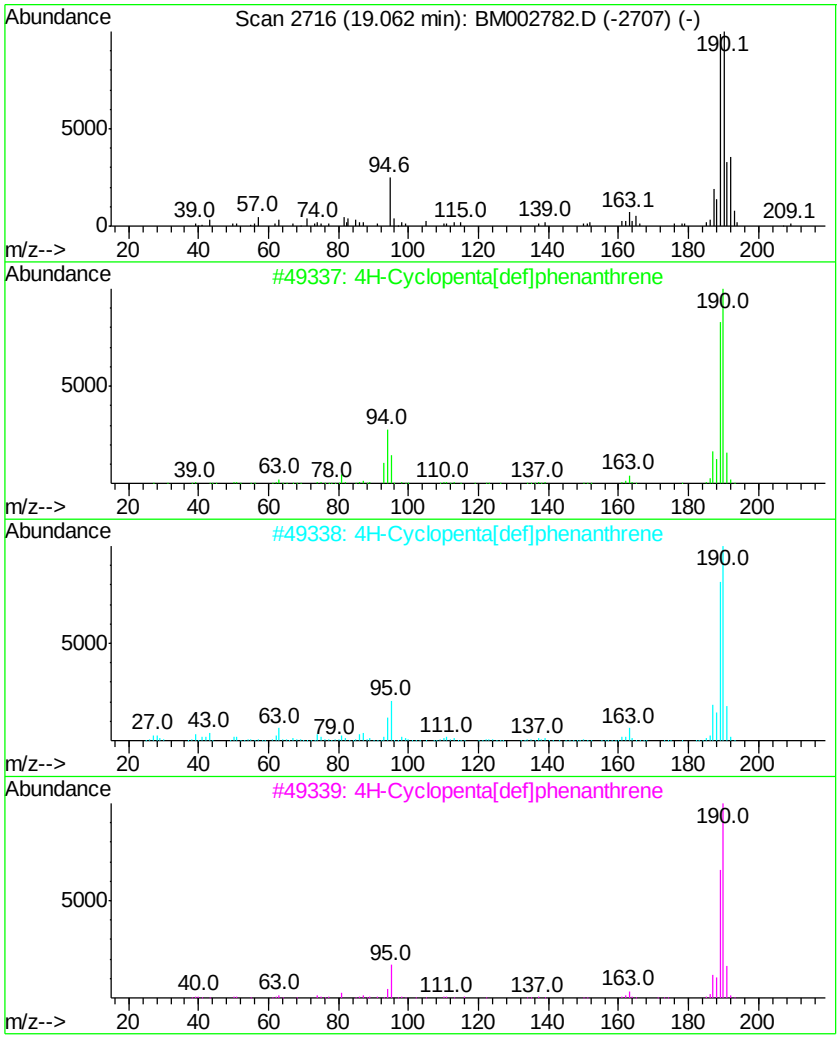
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

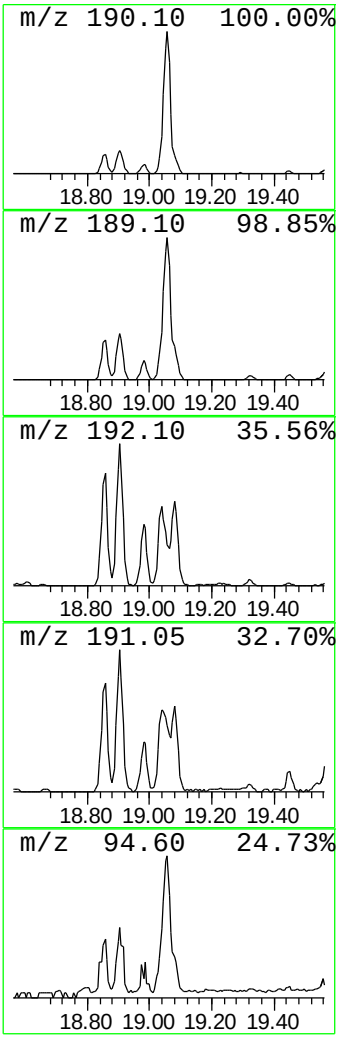
**********

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.06 | 5.88 ng/ul | 309586 | Phenanthrene-d10 | 18.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 94 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 70 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |
| 4 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 49 |
| 5 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 49 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

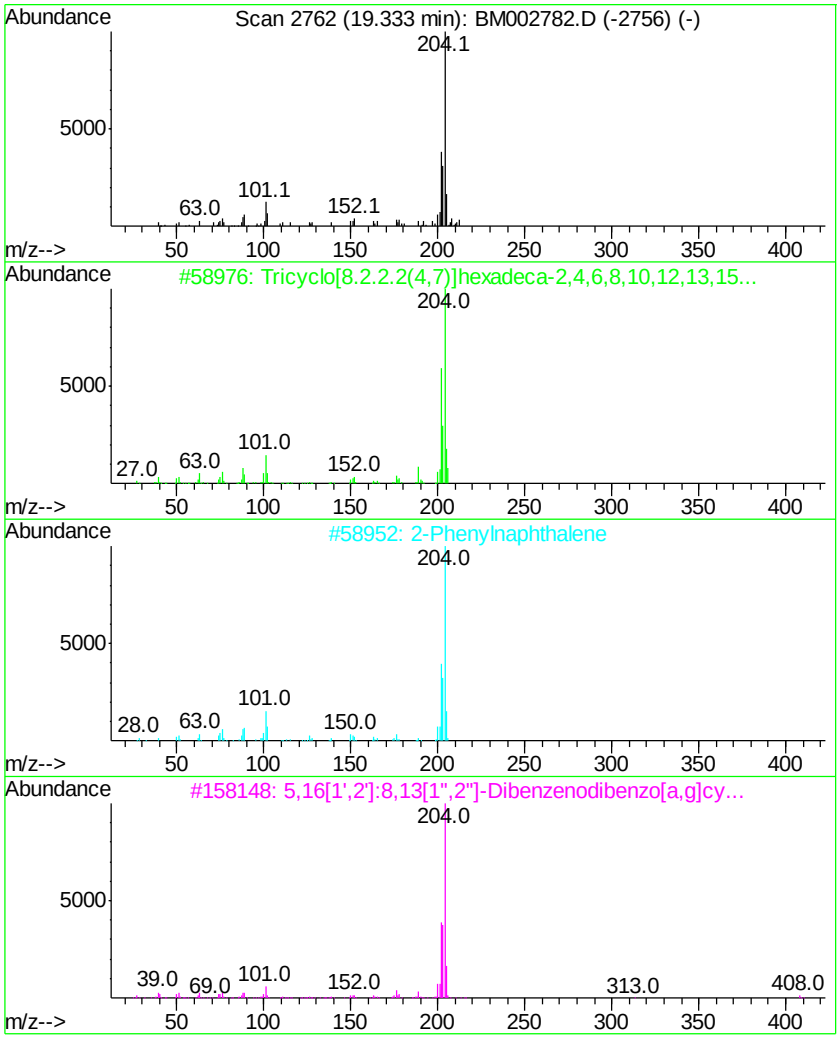
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

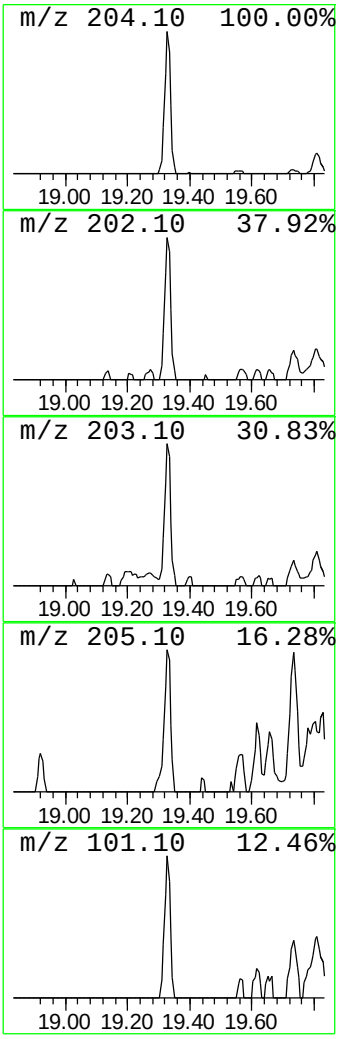
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.33 | 2.13 ng/ul | 111881 | Phenanthrene-d10 | 18.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 89 |
| 2 | 2-Phenylnaphthalene | 204 | C16H12 | 035465-71-5 | 89 |
| 3 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 80 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 76 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 76 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

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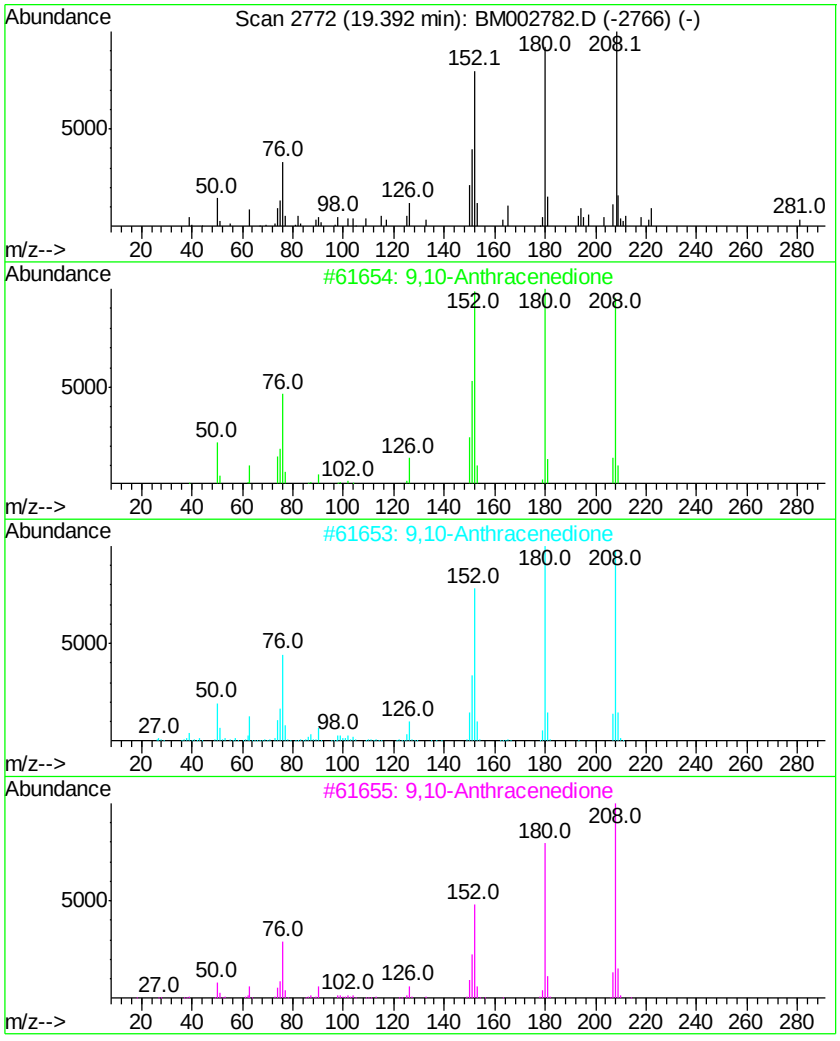
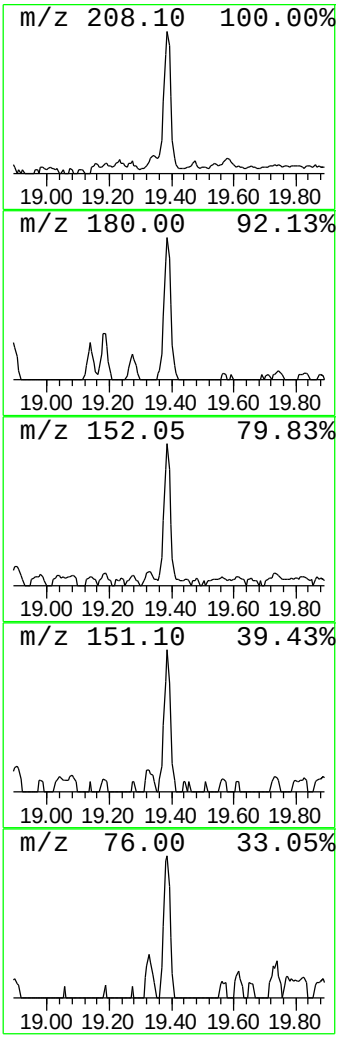
Peak Number 14 9,10-Anthracenedione Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.39 | 2.09 ng/ul | 110231 | Phenanthrene-d10 | 18.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 4 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 64 |
| 5 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 64 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

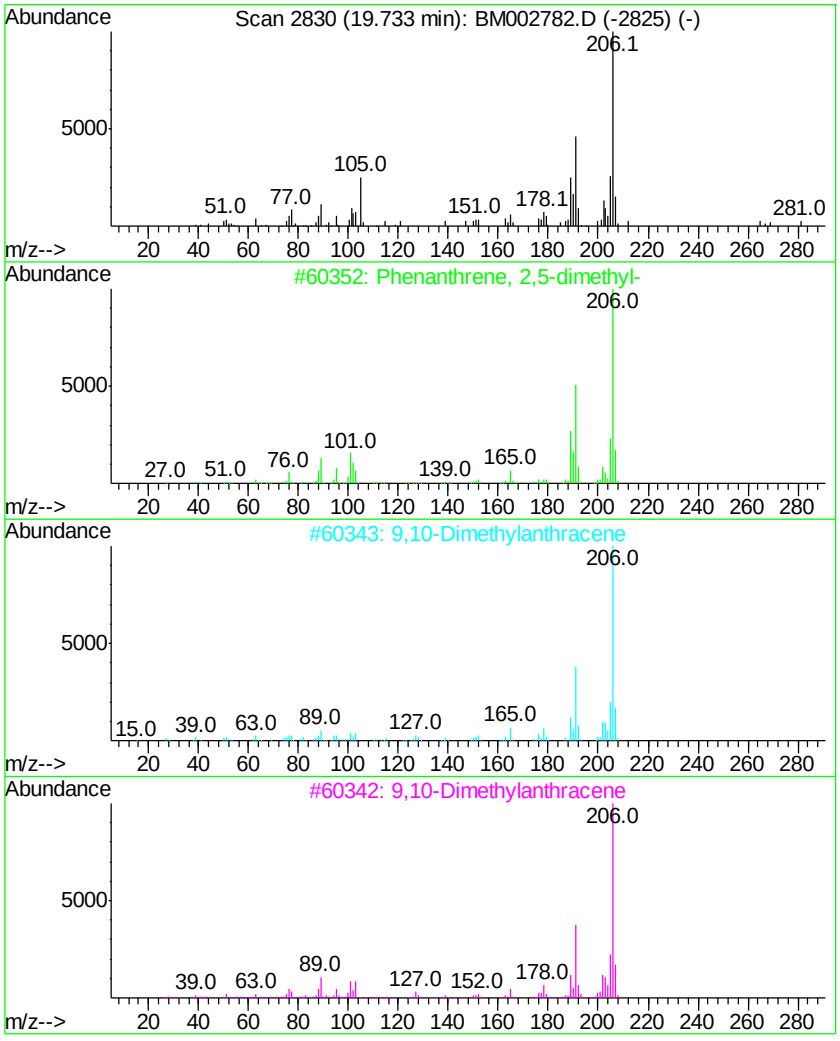
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

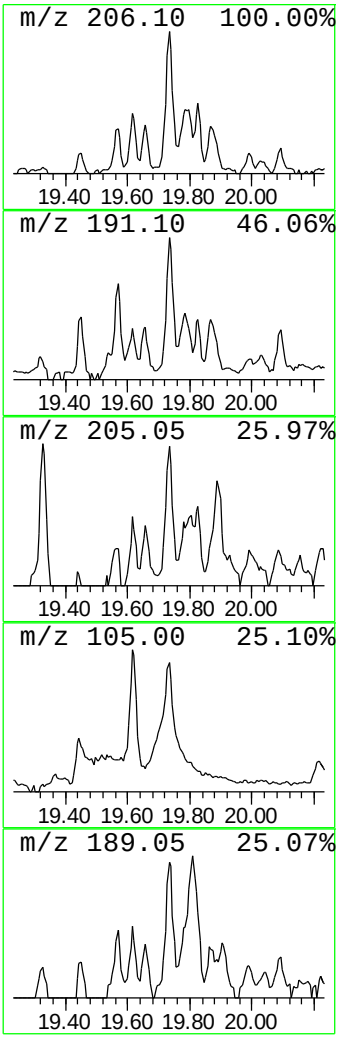
**********

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.73 | 2.05 ng/ul | 107669 | Phenanthrene-d10 | 18.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 96 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 96 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 94 |
| 4 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 93 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 92 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

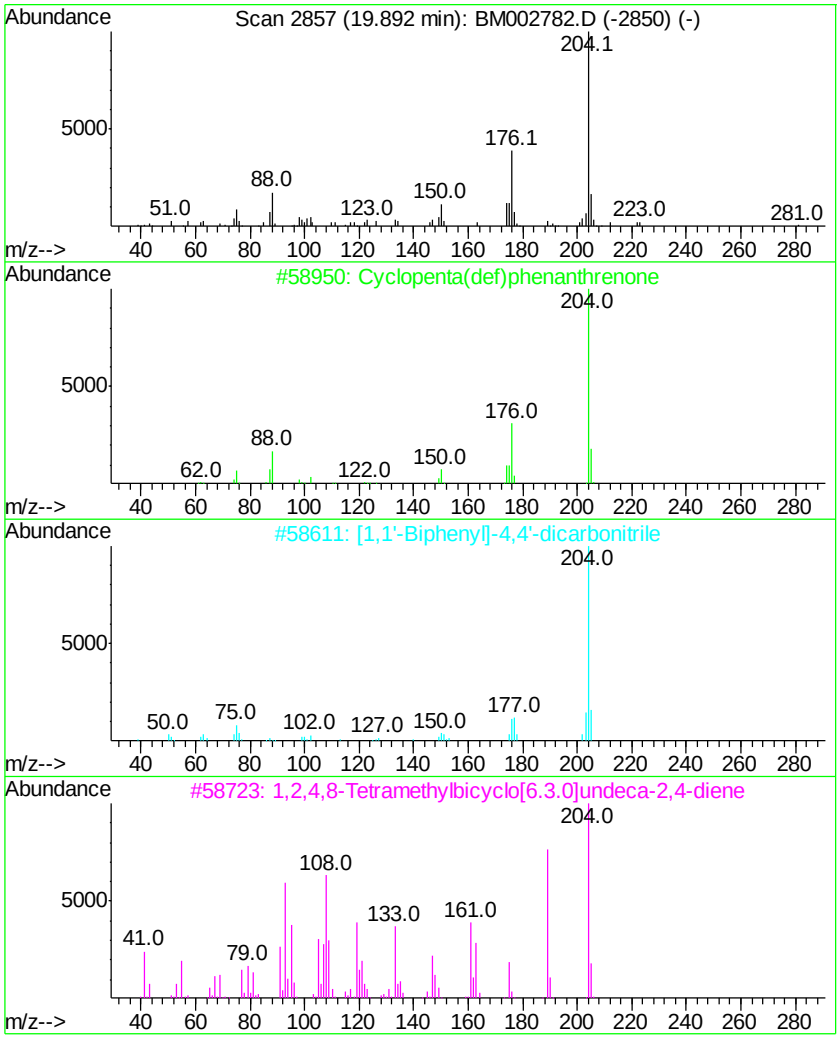
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

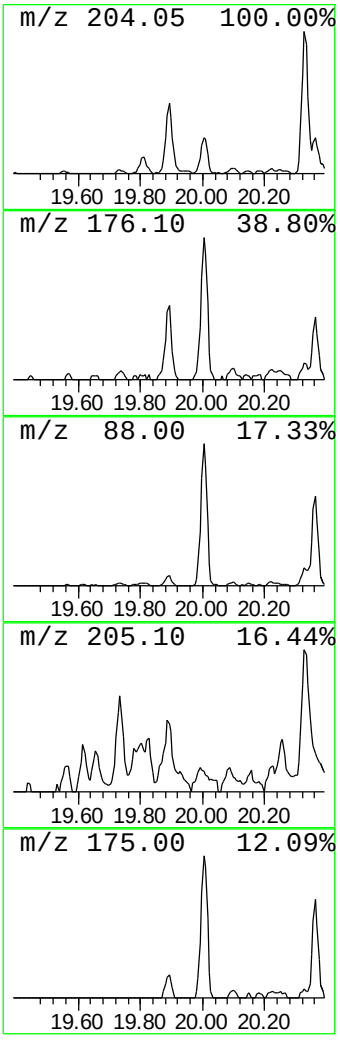
**********

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.89 | 2.23 ng/ul | 117242 | Phenanthrene-d10 | 18.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 97 |
| 2 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 58 |
| 3 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 49 |
| 4 | [1,1'-Biphenyl]-2,2'-dicarbonitrile | 204 | C14H8N2 | 004341-02-0 | 49 |
| 5 | 4-Methoxy-6-(3-fluorophenyl)pyri... | 204 | C11H9FN2O | 076128-74-0 | 49 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

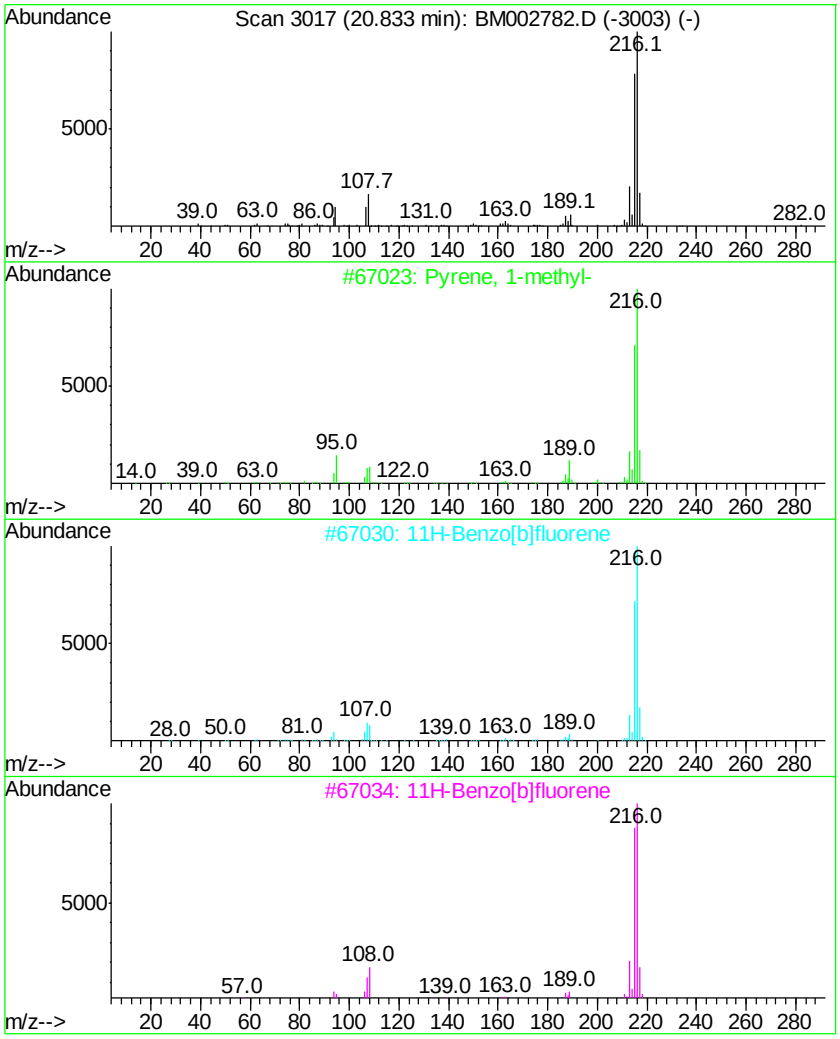
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

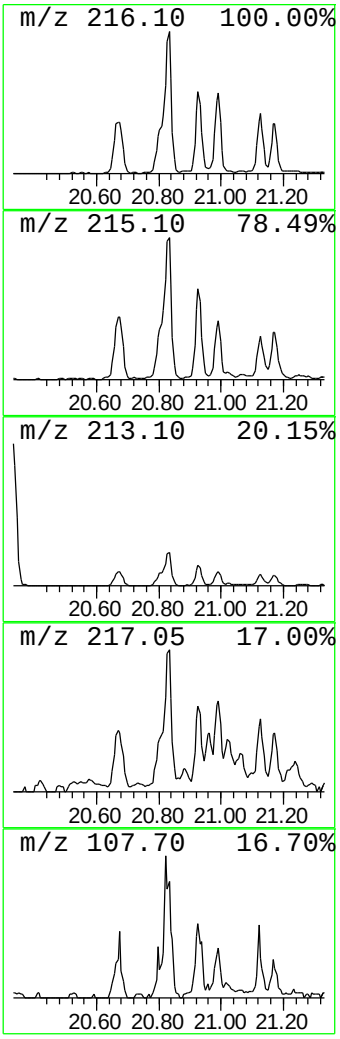
**********

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.83 | 3.25 ng/ul | 397706 | Chrysene-d12 | 22.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

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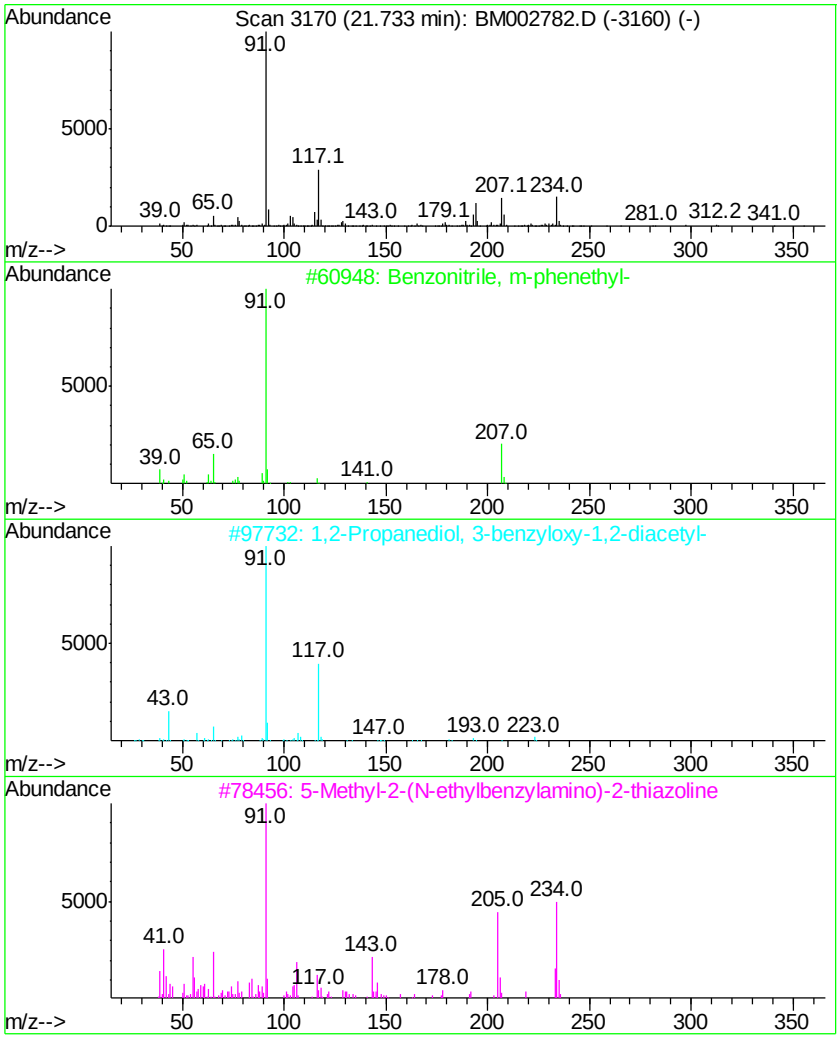
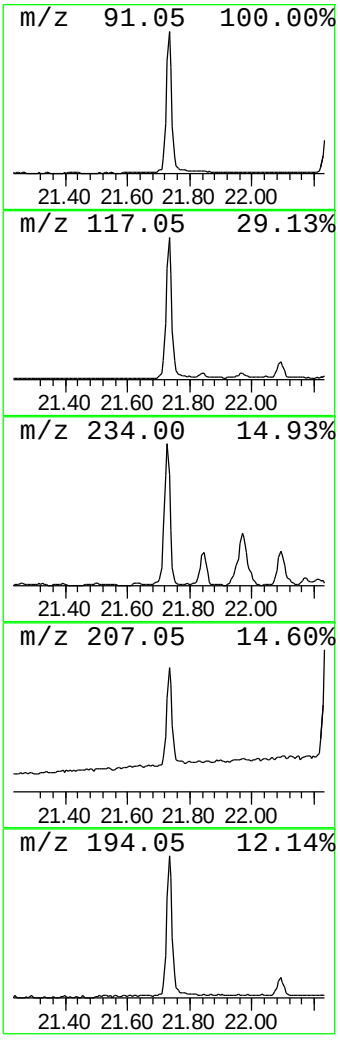
Peak Number 18 unknown-01 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.73 | 8.97 ng/ul | 1099090 | Chrysene-d12 | 22.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzonitrile, m-phenethyl- | 207 | C15H13N | 034176-91-5 | 27 |
| 2 | 1,2-Propanediol, 3-benzyloxy-1,2... | 266 | C14H18O5 | 013754-10-4 | 25 |
| 3 | 5-Methyl-2-(N-ethylbenzylamino)-... | 234 | C13H18N2S | 077158-41-9 | 16 |
| 4 | Benzenemethanamine, N-hydroxy-N-... | 213 | C14H15NO | 000621-07-8 | 12 |
| 5 | 4-Azido-2-phenylmethanesulfonyl-... | 298 | C14H10N4O2S | 1000295-08-1 | 12 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

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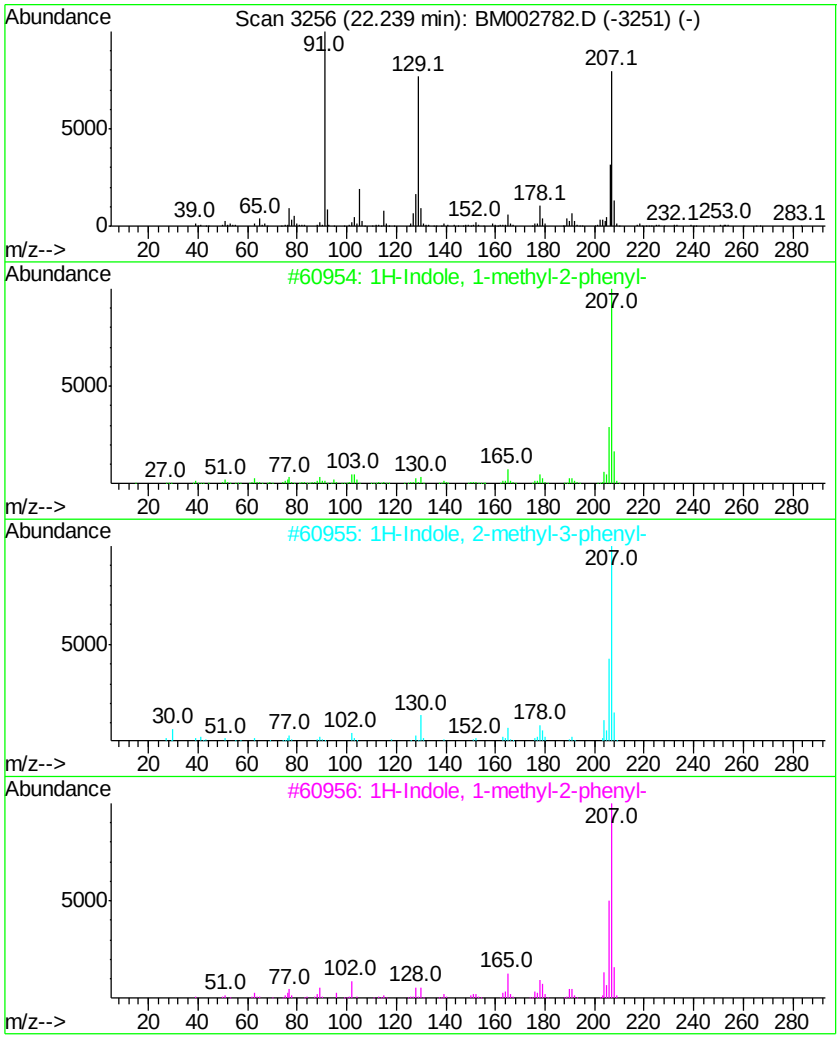
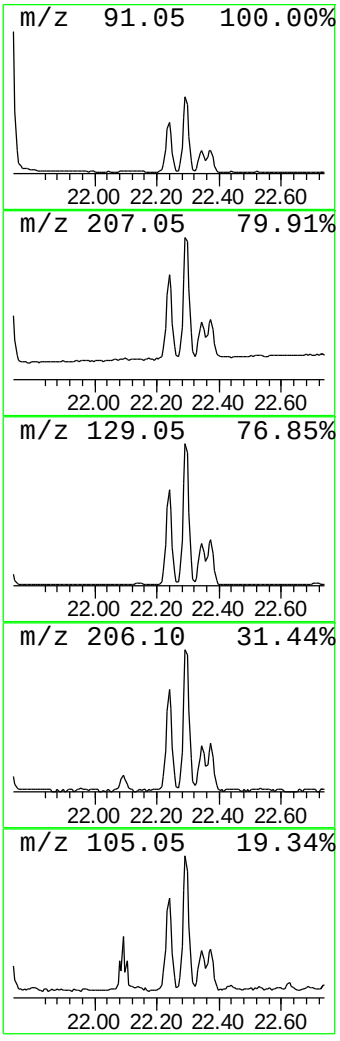
Peak Number 19 unknown-02 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.24 | 3.53 ng/ul | 432109 | Chrysene-d12 | 22.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N | 003558-24-5 | 46 |
| 2 | 1H-Indole, 2-methyl-3-phenyl- | 207 | C15H13N | 004757-69-1 | 38 |
| 3 | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N | 003558-24-5 | 38 |
| 4 | (2,3-Diphenylcyclopropyl)methyl ... | 332 | C22H20OS | 131758-71-9 | 38 |
| 5 | 1-Methyl-3-phenylindole | 207 | C15H13N | 030020-98-5 | 30 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

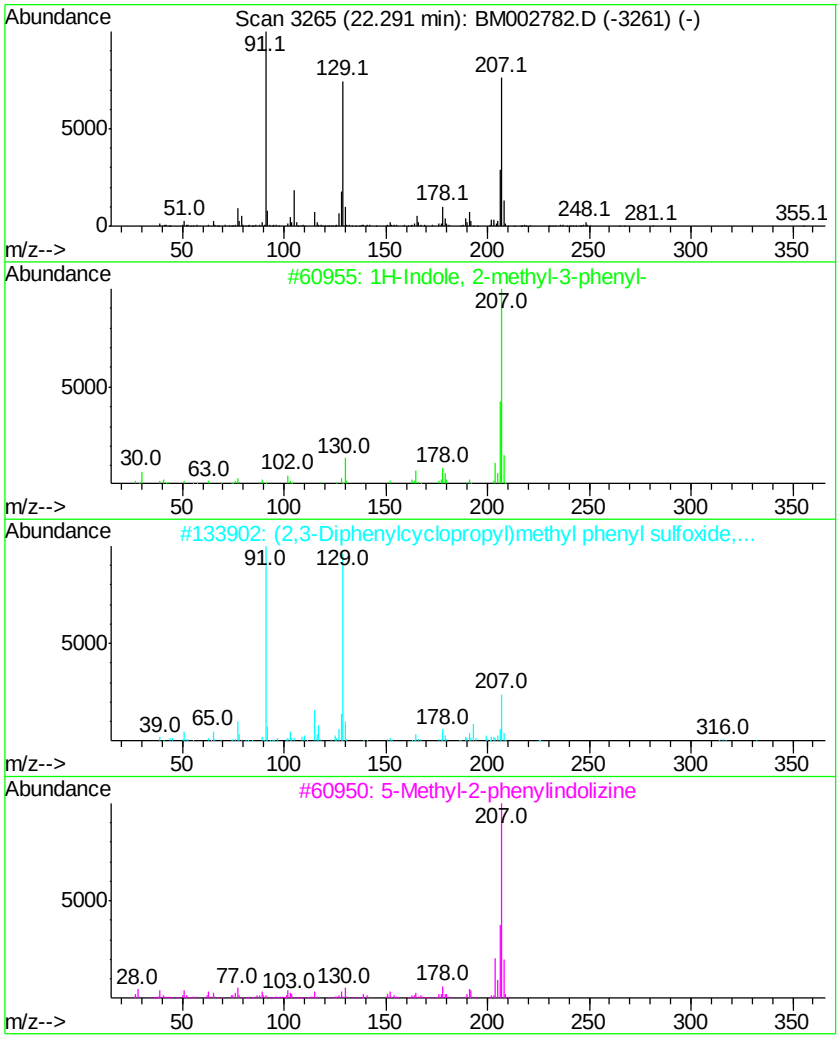
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

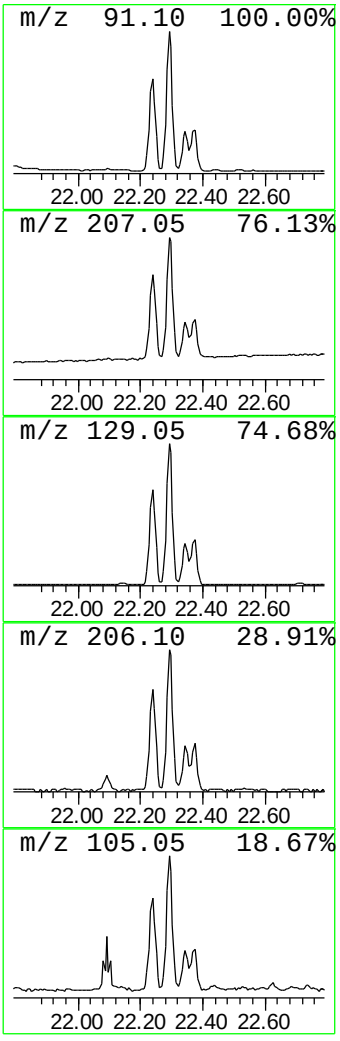
**********

Peak Number 20 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.29 | 4.68 ng/ul | 572933 | Chrysene-d12 | 22.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indole, 2-methyl-3-phenyl- | 207 | C15H13N | 004757-69-1 | 50 |
| 2 | (2,3-Diphenylcyclopropyl)methyl ... | 332 | C22H20OS | 131758-71-9 | 43 |
| 3 | 5-Methyl-2-phenylindolizine | 207 | C15H13N | 036944-99-7 | 41 |
| 4 | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N | 003558-24-5 | 38 |
| 5 | 3-Methyl-2-phenylindole | 207 | C15H13N | 010257-92-8 | 38 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

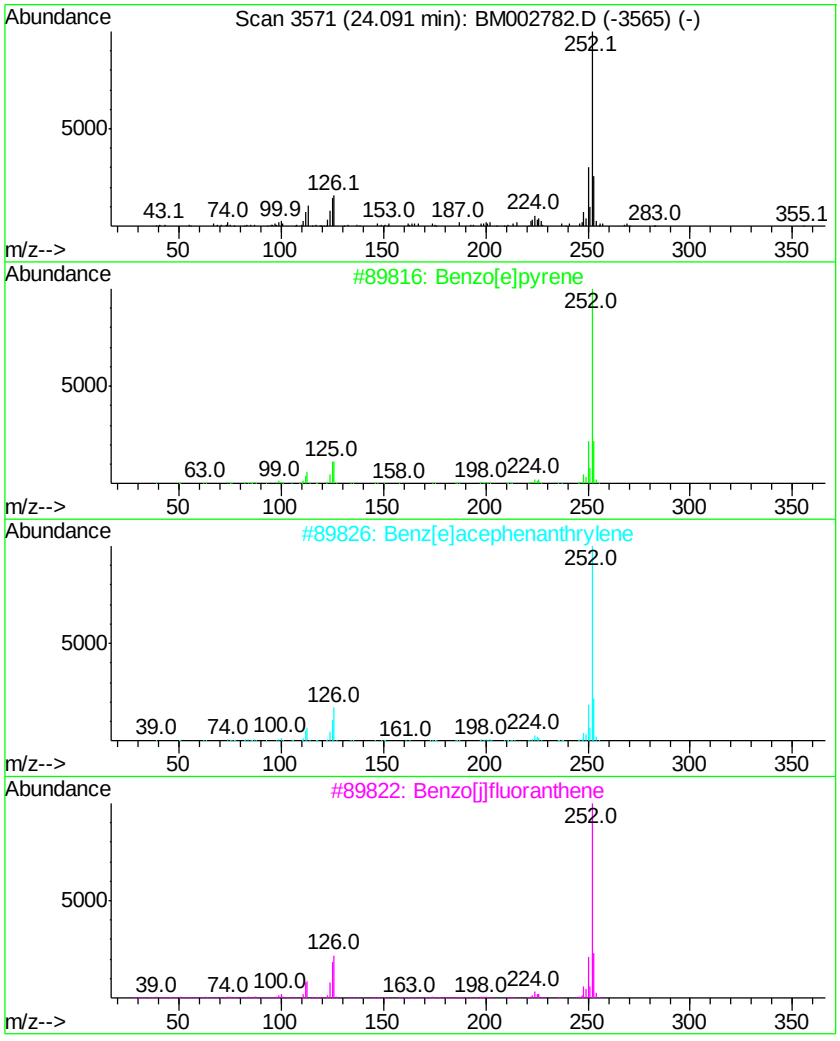
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

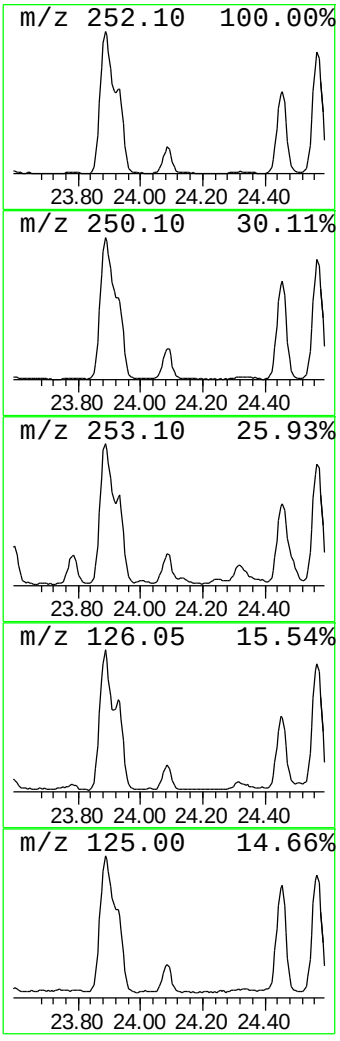
**********

Peak Number 22 Benzo[e]pyrene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.09 | 2.57 ng/ul | 160603 | Perylene-d12 | 24.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 97 |
| 3 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 96 |
| 4 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 96 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

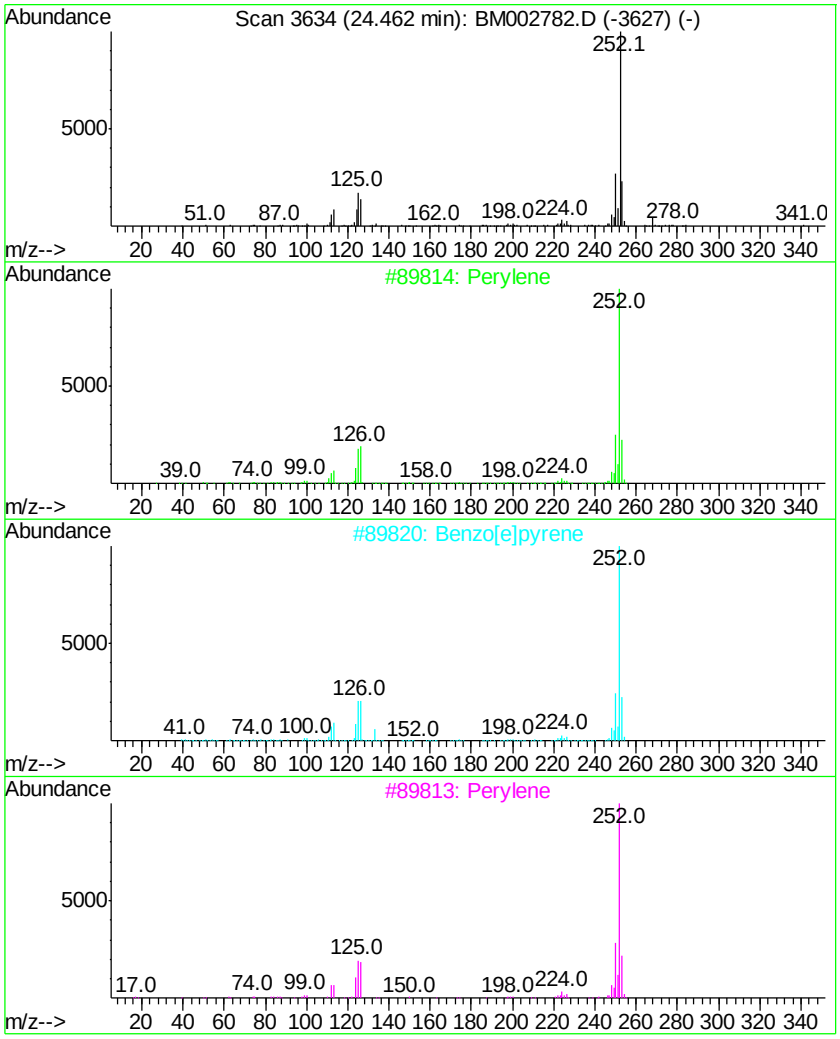
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

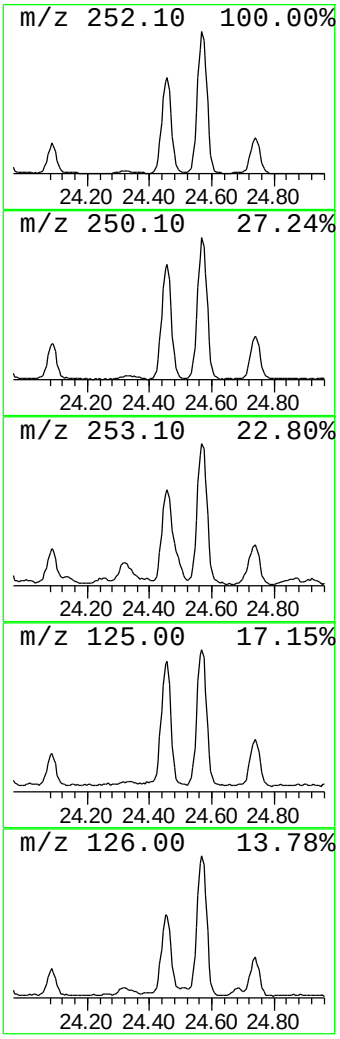
**********

Peak Number 23 Perylene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.46 | 7.27 ng/ul | 454896 | Perylene-d12 | 24.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Perylene | 252 | C20H12 | 000198-55-0 | 99 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 98 |
| 4 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 97 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

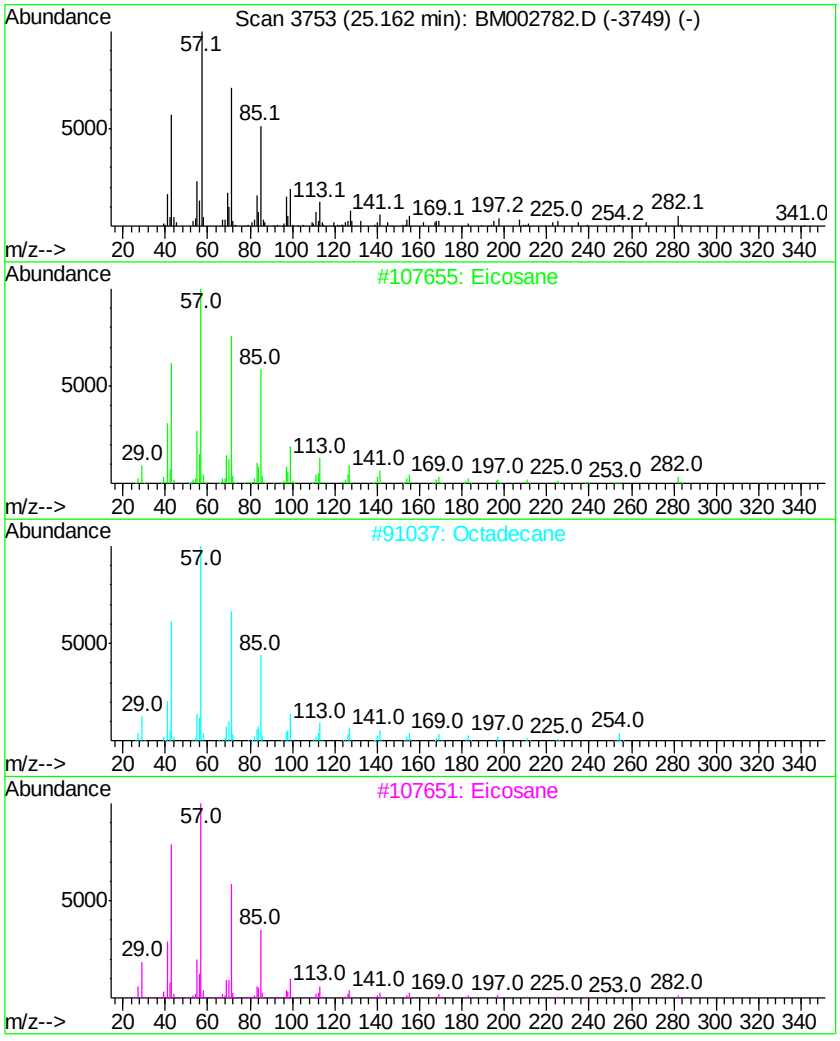
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

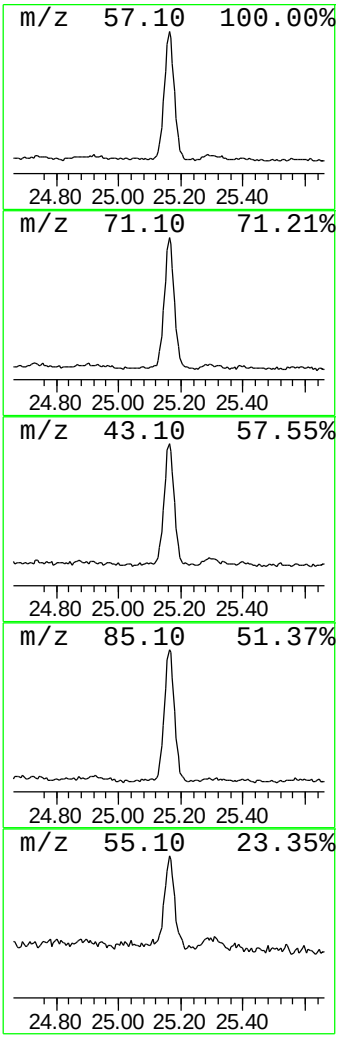
**********

Peak Number 24 (DEL) Alkane: Cyclic25.16 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.16 | 4.11 ng/ul | 257143 | Perylene-d12 | 24.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 93 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 5 | Triacontane | 422 | C30H62 | 000638-68-6 | 90 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

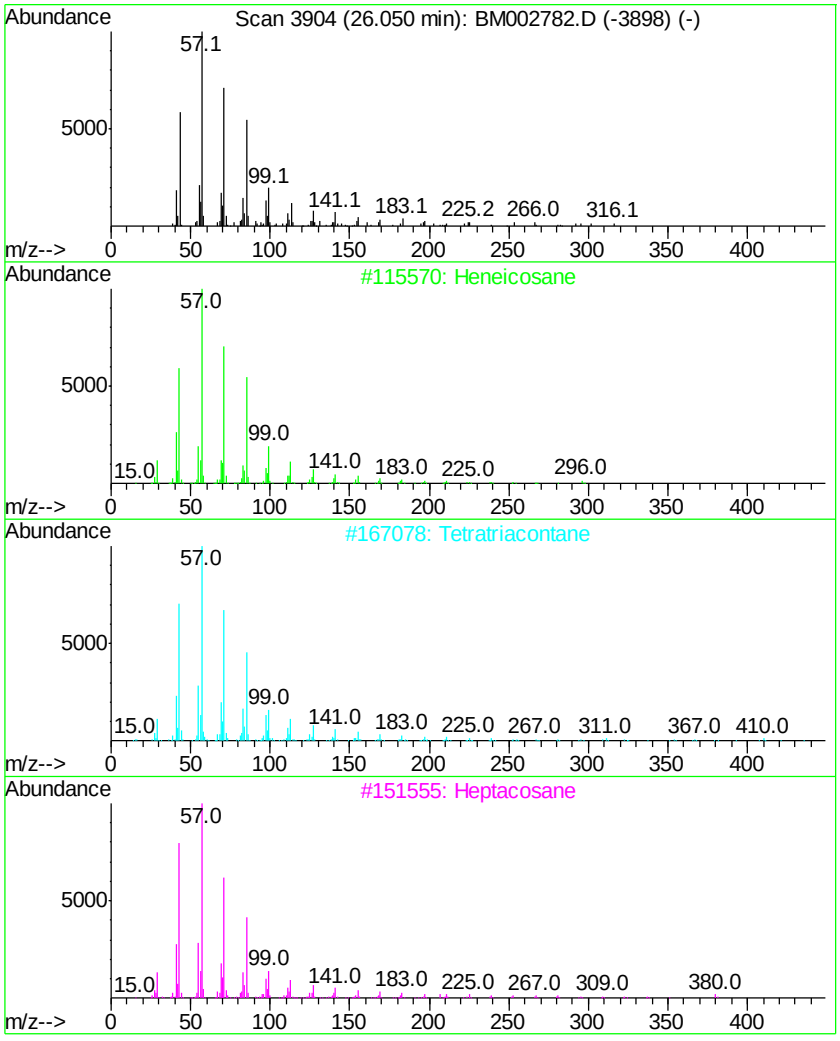
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

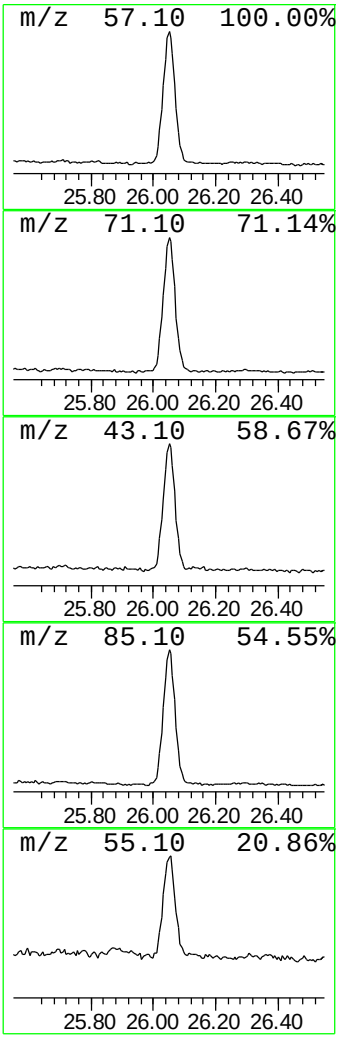
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.05 | 5.62 ng/ul | 351692 | Perylene-d12 | 24.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 2 | Tetratriacontane | 479 | C34H70 | 014167-59-0 | 90 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002782.D
Acq On : 30 Sep 2015 13:16
Operator : UM/IZ
Sample : G3838-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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 |
| Butane, 2-methoxy... | 3.45 | 112.0 | ng/ul | 3329590 | 1 | 8.70 | 594374 | 20.0 |
| Benzene, (1-methy... | 7.11 | 5.9 | ng/ul | 175824 | 1 | 8.70 | 594374 | 20.0 |
| Benzene, propyl- | 7.62 | 4.2 | ng/ul | 124306 | 1 | 8.70 | 594374 | 20.0 |
| Benzenemethanol, ... | 9.81 | 2.1 | ng/ul | 63243 | 1 | 8.70 | 594374 | 20.0 |
| Benzene, 1,1'-(1,... | 17.58 | 2.2 | ng/ul | 115216 | 4 | 18.00 | 1052400 | 20.0 |
| Phenanthrene, 1-m... | 18.86 | 2.6 | ng/ul | 139197 | 4 | 18.00 | 1052400 | 20.0 |
| Anthracene, 2-met... | 18.90 | 3.9 | ng/ul | 206662 | 4 | 18.00 | 1052400 | 20.0 |
| 4H-Cyclopenta[def... | 19.06 | 5.9 | ng/ul | 309586 | 4 | 18.00 | 1052400 | 20.0 |
| Tricyclo[8.2.2.2(... | 19.33 | 2.1 | ng/ul | 111881 | 4 | 18.00 | 1052400 | 20.0 |
| 9,10-Anthracenedione | 19.39 | 2.1 | ng/ul | 110231 | 4 | 18.00 | 1052400 | 20.0 |
| Phenanthrene, 2,5... | 19.73 | 2.0 | ng/ul | 107669 | 4 | 18.00 | 1052400 | 20.0 |
| Cyclopenta(def)ph... | 19.89 | 2.2 | ng/ul | 117242 | 4 | 18.00 | 1052400 | 20.0 |
| Pyrene, 1-methyl- | 20.83 | 3.3 | ng/ul | 397706 | 5 | 22.09 | 2449980 | 20.0 |
| unknown-01 | 21.73 | 9.0 | ng/ul | 1099090 | 5 | 22.09 | 2449980 | 20.0 |
| unknown-02 | 22.24 | 3.5 | ng/ul | 432109 | 5 | 22.09 | 2449980 | 20.0 |
| 1H-Indole, 2-meth... | 22.29 | 4.7 | ng/ul | 572933 | 5 | 22.09 | 2449980 | 20.0 |
| Benzo[e]pyrene | 24.09 | 2.6 | ng/ul | 160603 | 6 | 24.69 | 1251930 | 20.0 |
| Perylene | 24.46 | 7.3 | ng/ul | 454896 | 6 | 24.69 | 1251930 | 20.0 |
| (DEL) Alkane: Cyc... | 25.16 | 4.1 | ng/ul | 257143 | 6 | 24.69 | 1251930 | 20.0 |
| (DEL) Alkane: Str... | 26.05 | 5.6 | ng/ul | 351692 | 6 | 24.69 | 1251930 | 20.0 |