LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM052016.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 | 2.634 | 3 | 8 | 17 | rBV2 | 29632 | 55580 | 1.33% | 0.122% |
| 2 | 2.993 | 65 | 69 | 75 | rBV | 43156 | 51986 | 1.24% | 0.115% |
| 3 | 3.811 | 201 | 208 | 217 | rBV | 52425 | 74000 | 1.77% | 0.163% |
| 4 | 7.016 | 747 | 753 | 764 | rVB | 300669 | 499639 | 11.96% | 1.101% |
| 5 | 7.157 | 770 | 777 | 786 | rBB | 205198 | 326565 | 7.82% | 0.720% |
| 6 | 7.369 | 806 | 813 | 821 | rBB | 306030 | 480397 | 11.50% | 1.059% |
| 7 | 7.828 | 883 | 891 | 898 | rBB | 366576 | 596045 | 14.27% | 1.314% |
| 8 | 8.551 | 1007 | 1014 | 1021 | rBV | 361536 | 591148 | 14.15% | 1.303% |
| 9 | 8.651 | 1026 | 1031 | 1038 | rVB | 74806 | 117797 | 2.82% | 0.260% |
| 10 | 8.987 | 1081 | 1088 | 1095 | rBV | 283331 | 468686 | 11.22% | 1.033% |
| 11 | 9.710 | 1204 | 1211 | 1218 | rBV | 230875 | 378837 | 9.07% | 0.835% |
| 12 | 10.257 | 1298 | 1304 | 1313 | rVB | 386296 | 636922 | 15.25% | 1.404% |
| 13 | 10.622 | 1355 | 1366 | 1372 | rBV | 509020 | 894494 | 21.41% | 1.971% |
| 14 | 10.675 | 1372 | 1375 | 1381 | rVB | 30435 | 45731 | 1.09% | 0.101% |
| 15 | 10.763 | 1381 | 1390 | 1401 | rBV | 248058 | 457511 | 10.95% | 1.008% |
| 16 | 12.504 | 1681 | 1686 | 1694 | rVB | 35623 | 58636 | 1.40% | 0.129% |
| 17 | 13.292 | 1807 | 1820 | 1825 | rBV2 | 19364 | 52430 | 1.25% | 0.116% |
| 18 | 13.628 | 1870 | 1877 | 1879 | rBV2 | 32379 | 52039 | 1.25% | 0.115% |
| 19 | 13.786 | 1898 | 1904 | 1910 | rBV | 106294 | 196740 | 4.71% | 0.434% |
| 20 | 13.875 | 1910 | 1919 | 1923 | rVV | 664159 | 988909 | 23.67% | 2.179% |
| 21 | 13.922 | 1923 | 1927 | 1935 | rVB | 186148 | 290300 | 6.95% | 0.640% |
| 22 | 14.027 | 1940 | 1945 | 1948 | rBV | 58767 | 83906 | 2.01% | 0.185% |
| 23 | 14.163 | 1961 | 1968 | 1971 | rBV | 741693 | 1210380 | 28.97% | 2.668% |
| 24 | 14.357 | 1996 | 2001 | 2006 | rBV | 38391 | 55375 | 1.33% | 0.122% |
| 25 | 14.469 | 2009 | 2020 | 2026 | rBV2 | 756518 | 1246973 | 29.85% | 2.748% |
| 26 | 14.533 | 2026 | 2031 | 2038 | rVB | 110744 | 186159 | 4.46% | 0.410% |
| 27 | 14.698 | 2049 | 2059 | 2066 | rBV | 300934 | 544520 | 13.03% | 1.200% |
| 28 | 14.869 | 2083 | 2088 | 2094 | rVB | 103272 | 170654 | 4.08% | 0.376% |
| 29 | 14.945 | 2094 | 2101 | 2105 | rBV | 81575 | 125884 | 3.01% | 0.277% |
| 30 | 15.086 | 2117 | 2125 | 2130 | rBV2 | 75181 | 159974 | 3.83% | 0.353% |
| 31 | 15.139 | 2130 | 2134 | 2139 | rVB | 56602 | 78119 | 1.87% | 0.172% |
| 32 | 15.257 | 2146 | 2154 | 2157 | rBV4 | 57363 | 149779 | 3.59% | 0.330% |
| 33 | 15.310 | 2157 | 2163 | 2165 | rVV2 | 44432 | 94789 | 2.27% | 0.209% |
| 34 | 15.339 | 2165 | 2168 | 2173 | rVB2 | 48785 | 67320 | 1.61% | 0.148% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM052016.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 15.463 | 2180 | 2189 | 2194 | rBV | 981516 | 1442882 | 34.54% | 3.180% |
| 36 | 15.516 | 2194 | 2198 | 2208 | rVB | 330546 | 564713 | 13.52% | 1.245% |
| 37 | 15.604 | 2208 | 2213 | 2216 | rBV3 | 67509 | 115293 | 2.76% | 0.254% |
| 38 | 15.721 | 2230 | 2233 | 2238 | rVB3 | 40350 | 60350 | 1.44% | 0.133% |
| 39 | 15.810 | 2243 | 2248 | 2254 | rBV | 80097 | 133975 | 3.21% | 0.295% |
| 40 | 15.927 | 2264 | 2268 | 2270 | rBV | 65704 | 88591 | 2.12% | 0.195% |
| 41 | 15.957 | 2271 | 2273 | 2280 | rVB2 | 76071 | 127339 | 3.05% | 0.281% |
| 42 | 16.033 | 2281 | 2286 | 2296 | rVB4 | 39445 | 86009 | 2.06% | 0.190% |
| 43 | 16.192 | 2305 | 2313 | 2318 | rBV4 | 110313 | 242755 | 5.81% | 0.535% |
| 44 | 16.327 | 2332 | 2336 | 2340 | rBV | 37497 | 66926 | 1.60% | 0.147% |
| 45 | 16.521 | 2362 | 2369 | 2373 | rBV2 | 146121 | 293429 | 7.02% | 0.647% |
| 46 | 16.568 | 2373 | 2377 | 2383 | rVB | 102374 | 139489 | 3.34% | 0.307% |
| 47 | 16.668 | 2390 | 2394 | 2399 | rVB | 115048 | 162958 | 3.90% | 0.359% |
| 48 | 16.786 | 2412 | 2414 | 2418 | rVB2 | 51581 | 54328 | 1.30% | 0.120% |
| 49 | 16.874 | 2425 | 2429 | 2435 | rVB4 | 74619 | 122898 | 2.94% | 0.271% |
| 50 | 16.957 | 2437 | 2443 | 2446 | rBV4 | 56971 | 132879 | 3.18% | 0.293% |
| 51 | 17.033 | 2451 | 2456 | 2464 | rVB | 169189 | 302389 | 7.24% | 0.666% |
| 52 | 17.215 | 2481 | 2487 | 2490 | rBV | 926262 | 1414124 | 33.85% | 3.117% |
| 53 | 17.257 | 2490 | 2494 | 2499 | rVV | 2424142 | 3696258 | 88.47% | 8.146% |
| 54 | 17.316 | 2499 | 2504 | 2507 | rVV2 | 1051518 | 1604039 | 38.39% | 3.535% |
| 55 | 17.351 | 2507 | 2510 | 2514 | rVV | 681411 | 869495 | 20.81% | 1.916% |
| 56 | 17.404 | 2515 | 2519 | 2524 | rVB3 | 85496 | 162885 | 3.90% | 0.359% |
| 57 | 17.621 | 2552 | 2556 | 2559 | rBV2 | 56131 | 93789 | 2.24% | 0.207% |
| 58 | 17.727 | 2571 | 2574 | 2578 | rVB | 138860 | 169388 | 4.05% | 0.373% |
| 59 | 17.798 | 2582 | 2586 | 2593 | rVB2 | 85486 | 143511 | 3.44% | 0.316% |
| 60 | 18.086 | 2631 | 2635 | 2640 | rBV | 547555 | 797396 | 19.09% | 1.757% |
| 61 | 18.139 | 2640 | 2644 | 2650 | rVB | 601594 | 841562 | 20.14% | 1.855% |
| 62 | 18.215 | 2653 | 2657 | 2663 | rVV | 240519 | 365645 | 8.75% | 0.806% |
| 63 | 18.286 | 2663 | 2669 | 2673 | rVV2 | 889042 | 1689032 | 40.43% | 3.722% |
| 64 | 18.321 | 2673 | 2675 | 2683 | rVB | 428454 | 502519 | 12.03% | 1.107% |
| 65 | 18.586 | 2716 | 2720 | 2724 | rVB | 436866 | 563622 | 13.49% | 1.242% |
| 66 | 18.833 | 2759 | 2762 | 2767 | rVB2 | 146373 | 192255 | 4.60% | 0.424% |
| 67 | 18.886 | 2768 | 2771 | 2774 | rVV | 94952 | 114791 | 2.75% | 0.253% |
| 68 | 19.009 | 2787 | 2792 | 2796 | rBV | 282230 | 517274 | 12.38% | 1.140% |
| 69 | 19.274 | 2831 | 2837 | 2842 | rBV | 2906246 | 4048141 | 96.90% | 8.922% |
| 70 | 19.421 | 2859 | 2862 | 2866 | rVB | 323078 | 396458 | 9.49% | 0.874% |
| 71 | 19.609 | 2889 | 2894 | 2896 | rBV2 | 1329099 | 2213560 | 52.98% | 4.878% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM052016.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 19.639 | 2896 | 2899 | 2906 | rVB | 3116084 | 4177752 | 100.00% | 9.207% |
| 73 | 20.127 | 2980 | 2982 | 2987 | rVB | 582056 | 677112 | 16.21% | 1.492% |
| 74 | 20.227 | 2996 | 2999 | 3002 | rVB | 447728 | 488844 | 11.70% | 1.077% |
| 75 | 21.386 | 3191 | 3196 | 3200 | rBV2 | 1280427 | 2586852 | 61.92% | 5.701% |
| 76 | 21.427 | 3201 | 3203 | 3210 | rVB | 1144575 | 1423148 | 34.06% | 3.136% |

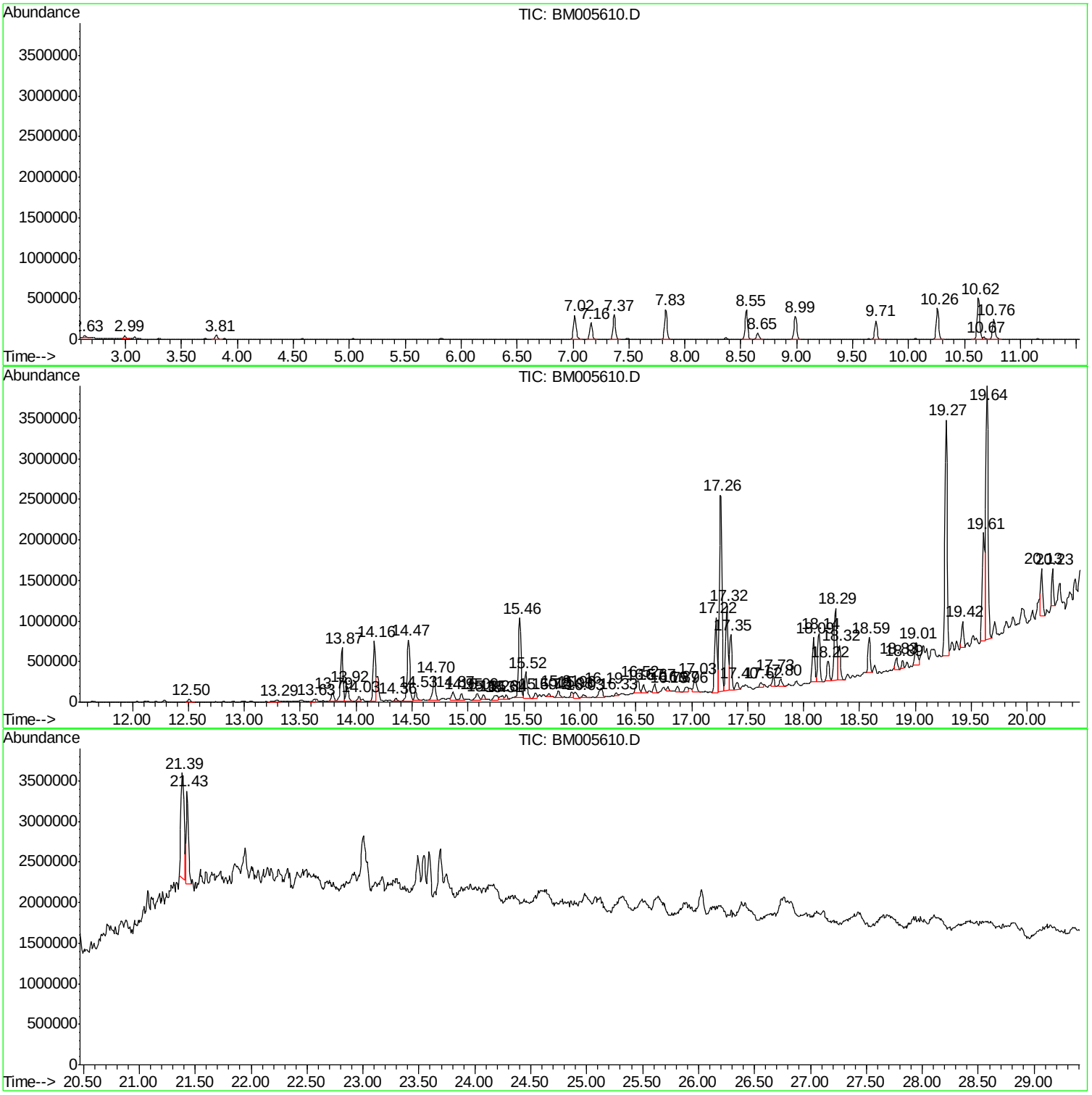
Sum of corrected areas: 45374879

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

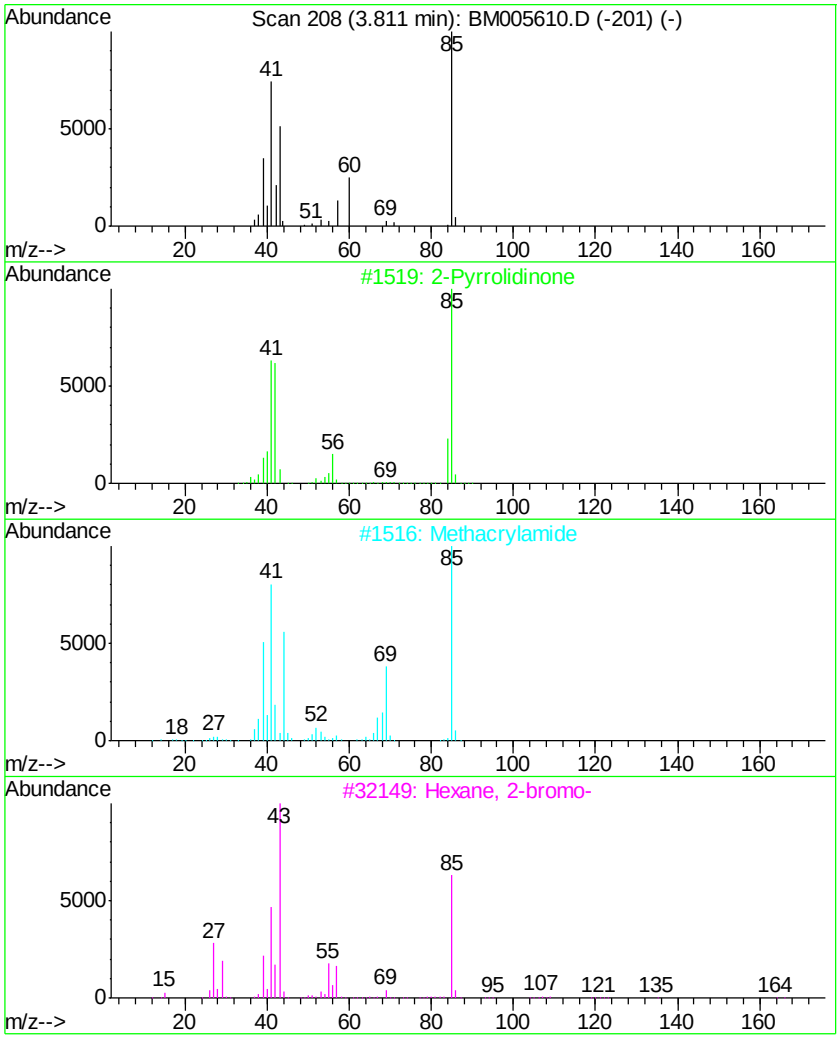
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

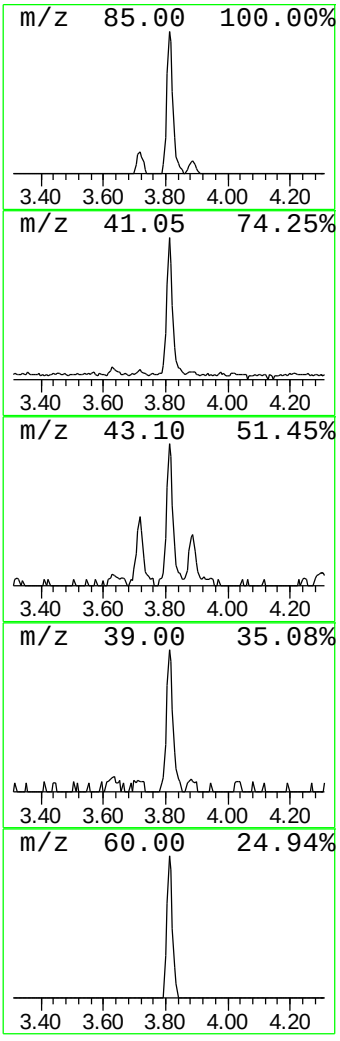
**********

Peak Number 1 unknown-01 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.81 | 2.48 ng/ul | 74000 | 1,4-Dichlorobenzene-d4 | 7.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pyrrolidinone | 85 | C4H7NO | 000616-45-5 | 33 |
| 2 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 12 |
| 3 | Hexane, 2-bromo- | 164 | C6H13Br | 003377-86-4 | 9 |
| 4 | Isobutyl nitrite | 103 | C4H9NO2 | 000542-56-3 | 9 |
| 5 | Oxirane, (2-methylpropyl)- | 100 | C6H12O | 023850-78-4 | 9 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

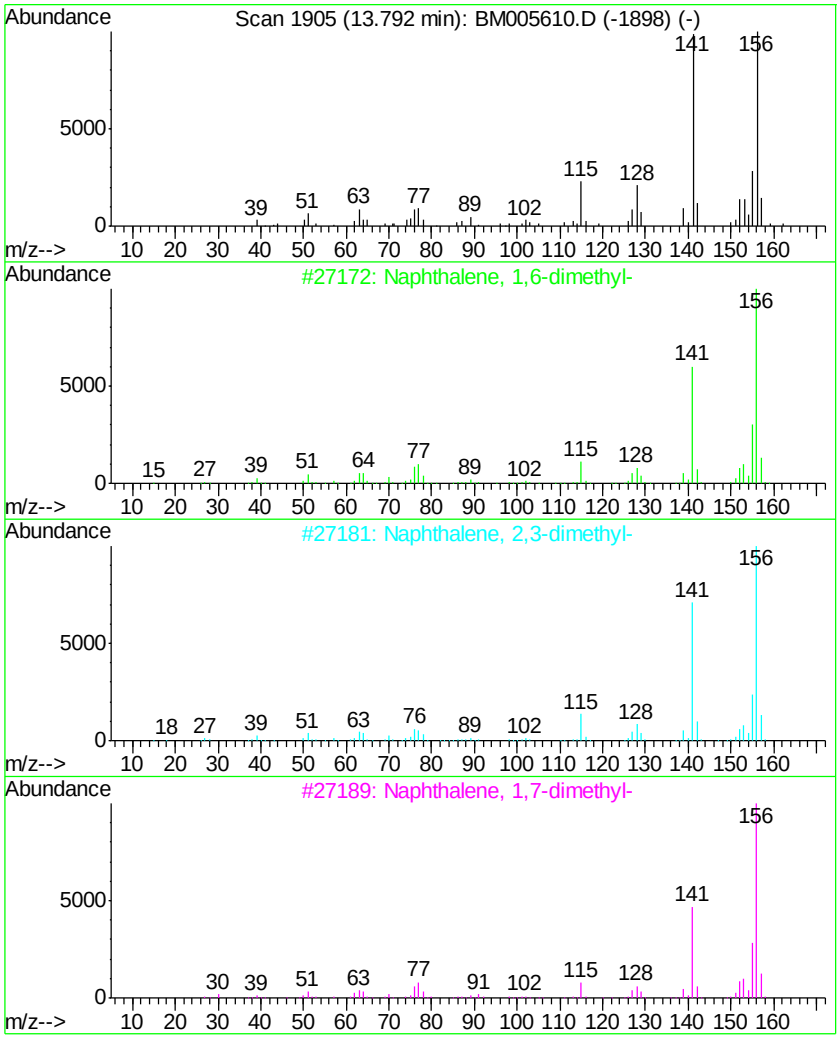
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

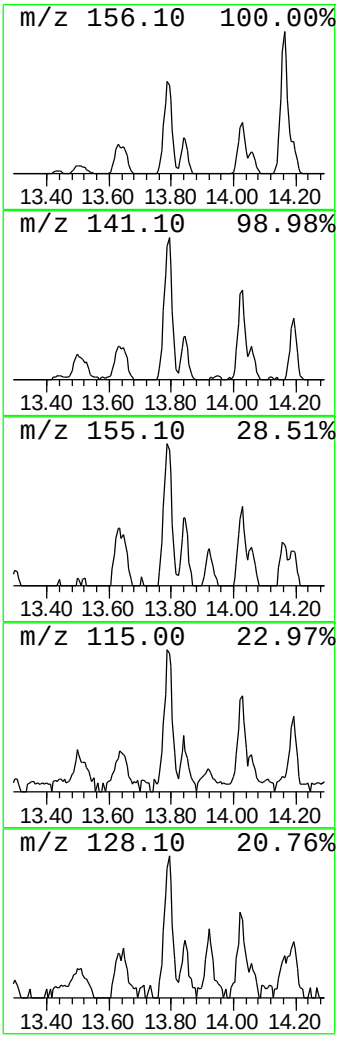
**********

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.79 | 3.16 ng/ul | 196740 | Acenaphthene-d10 | 14.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

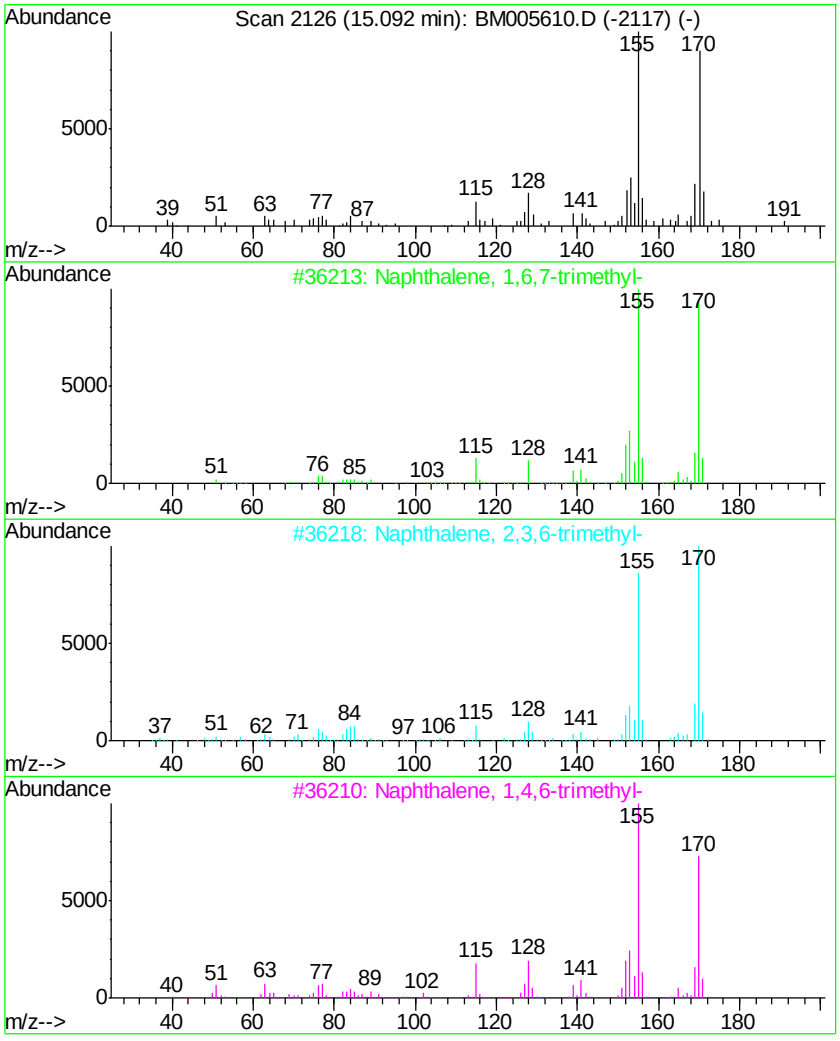
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

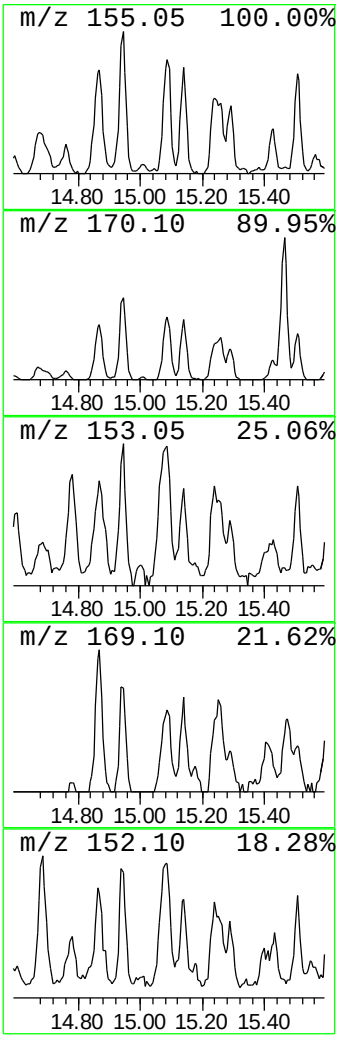
**********

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.09 | 2.57 ng/ul | 159974 | Acenaphthene-d10 | 14.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 98 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 94 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

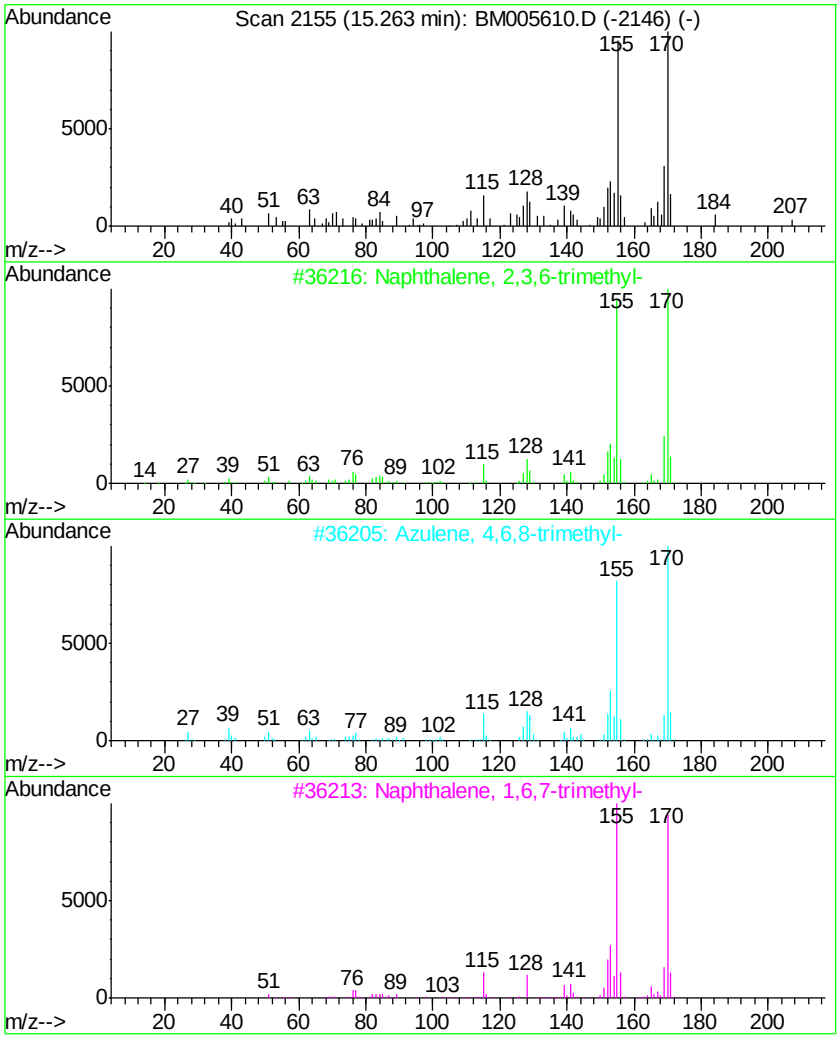
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

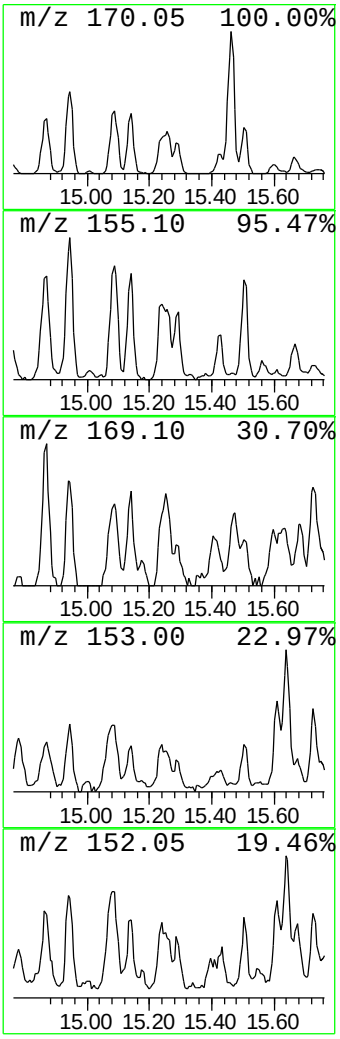
**********

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.26 | 2.40 ng/ul | 149779 | Acenaphthene-d10 | 14.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 2 | Azulene, 4,6,8-trimethyl- | 170 | C13H14 | 000941-81-1 | 96 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 94 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 94 |
| 5 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 93 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

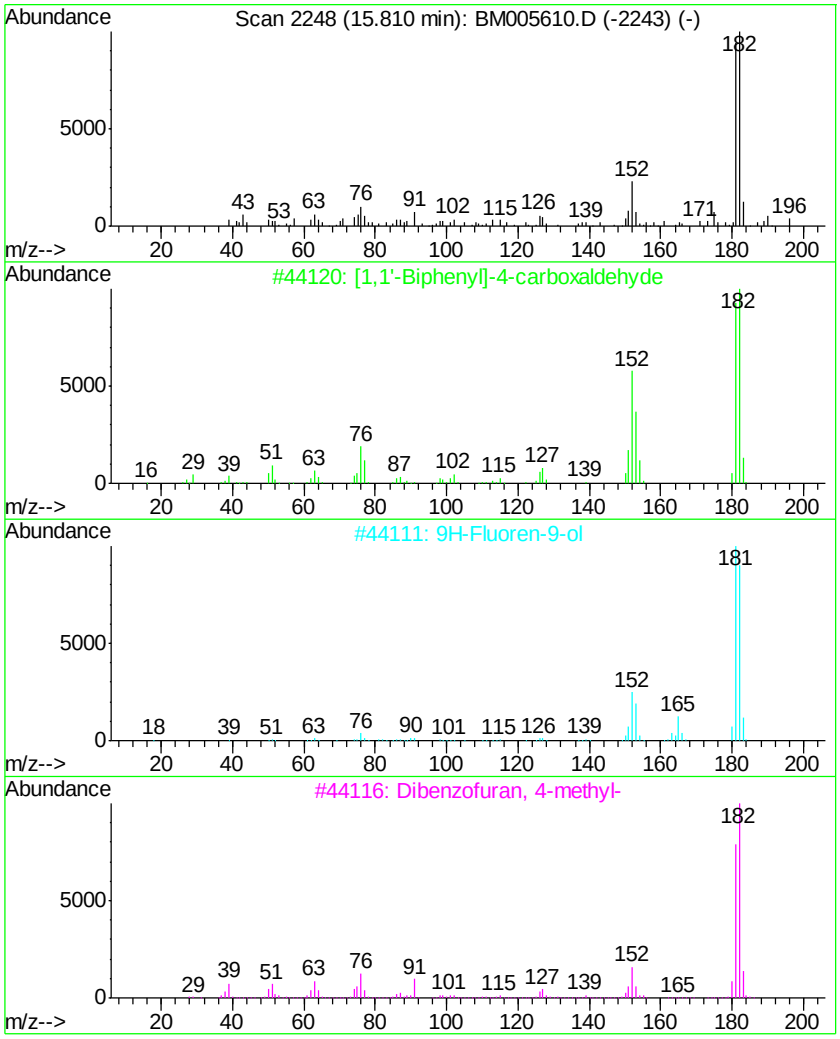
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

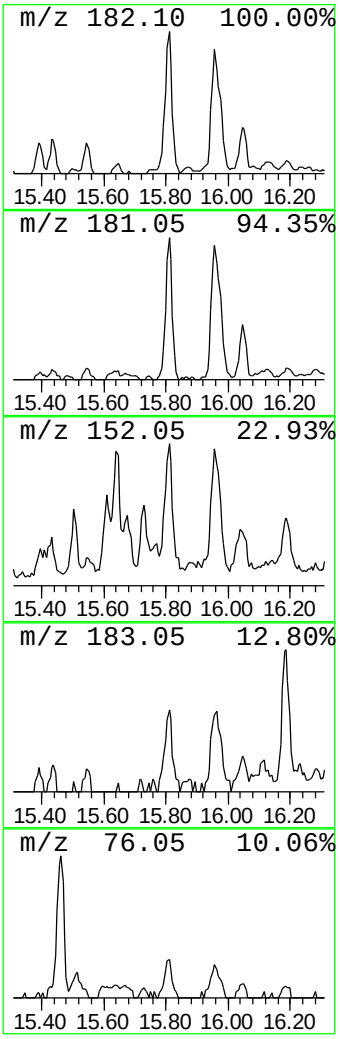
**********

Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.81 | 2.15 ng/ul | 133975 | Acenaphthene-d10 | 14.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 78 |
| 2 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 72 |
| 3 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 70 |
| 4 | Pyrido[2,3-d]indole, 6-methyl- | 182 | C12H10N2 | 108349-67-3 | 64 |
| 5 | Pyridine, 4,4'-(1,2-ethenediyl)b... | 182 | C12H10N2 | 013362-78-2 | 64 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

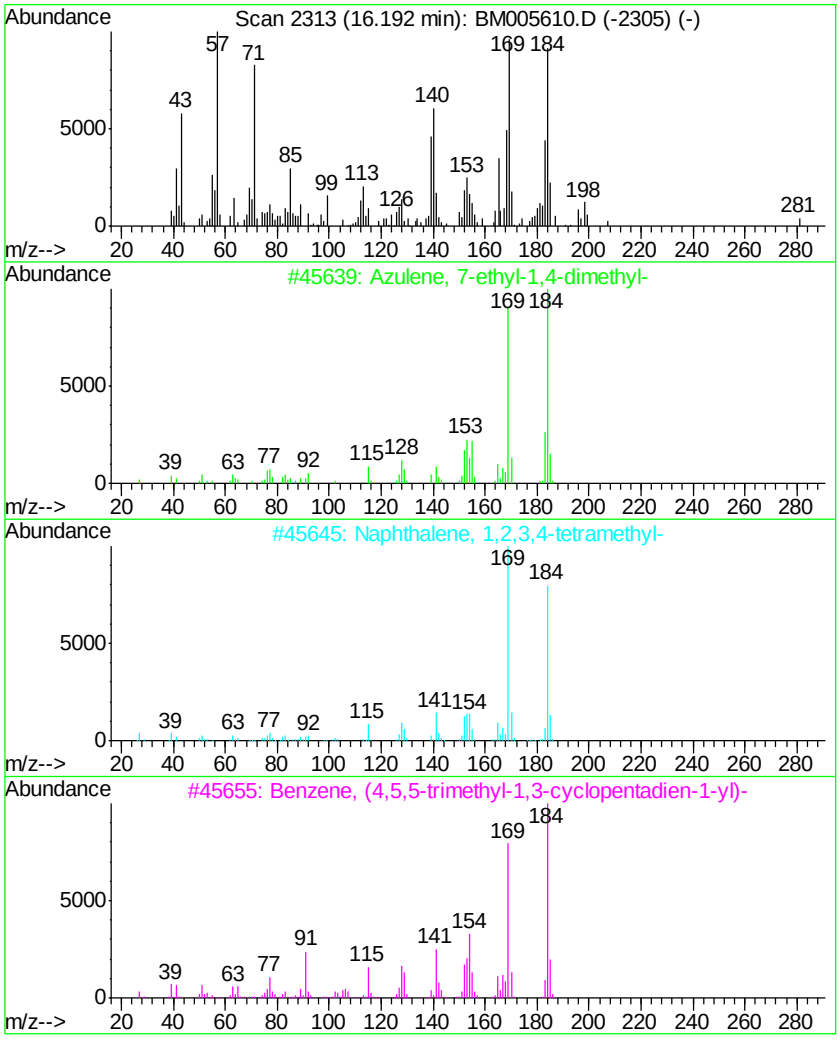
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

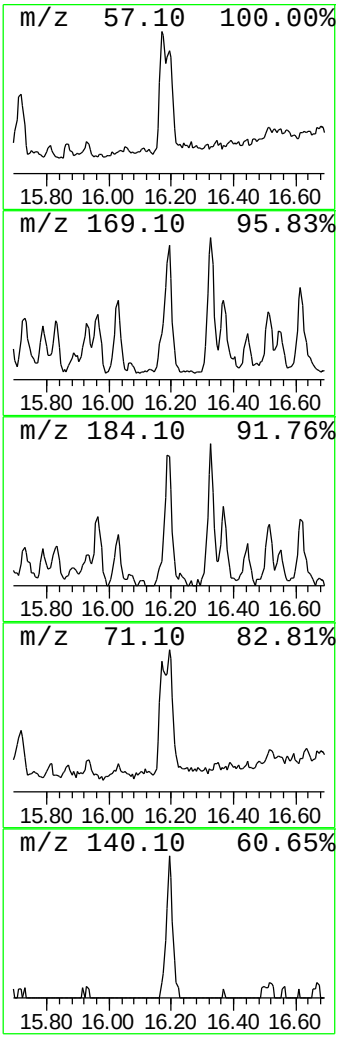
**********

Peak Number 7 unknown-02 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.19 | 3.43 ng/ul | 242755 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Azulene, 7-ethyl-1,4-dimethyl- | 184 | C14H16 | 000529-05-5 | 46 |
| 2 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 42 |
| 3 | Benzene, (4,5,5-trimethyl-1,3-cy... | 184 | C14H16 | 033930-85-7 | 41 |
| 4 | Silane, tetra-1-propynyl- | 184 | C12H12Si | 020143-21-9 | 38 |
| 5 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 38 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

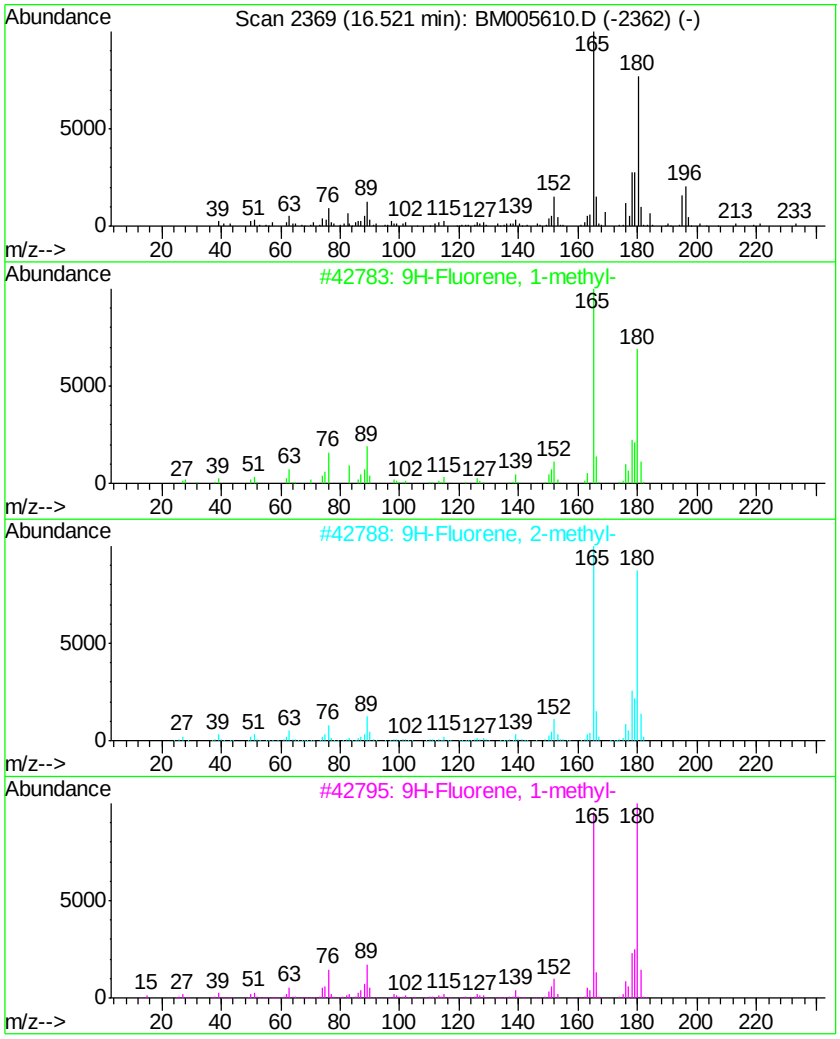
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

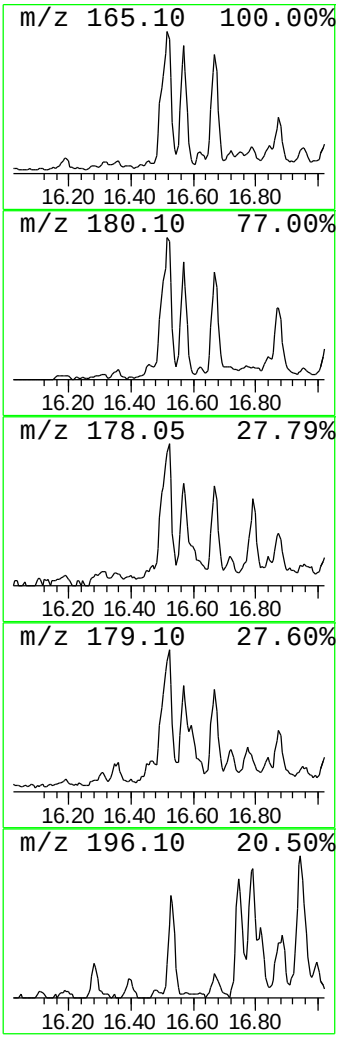
**********

Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.52 | 4.15 ng/ul | 293429 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 95 |
| 2 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 95 |
| 3 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 87 |
| 4 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 76 |
| 5 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 70 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

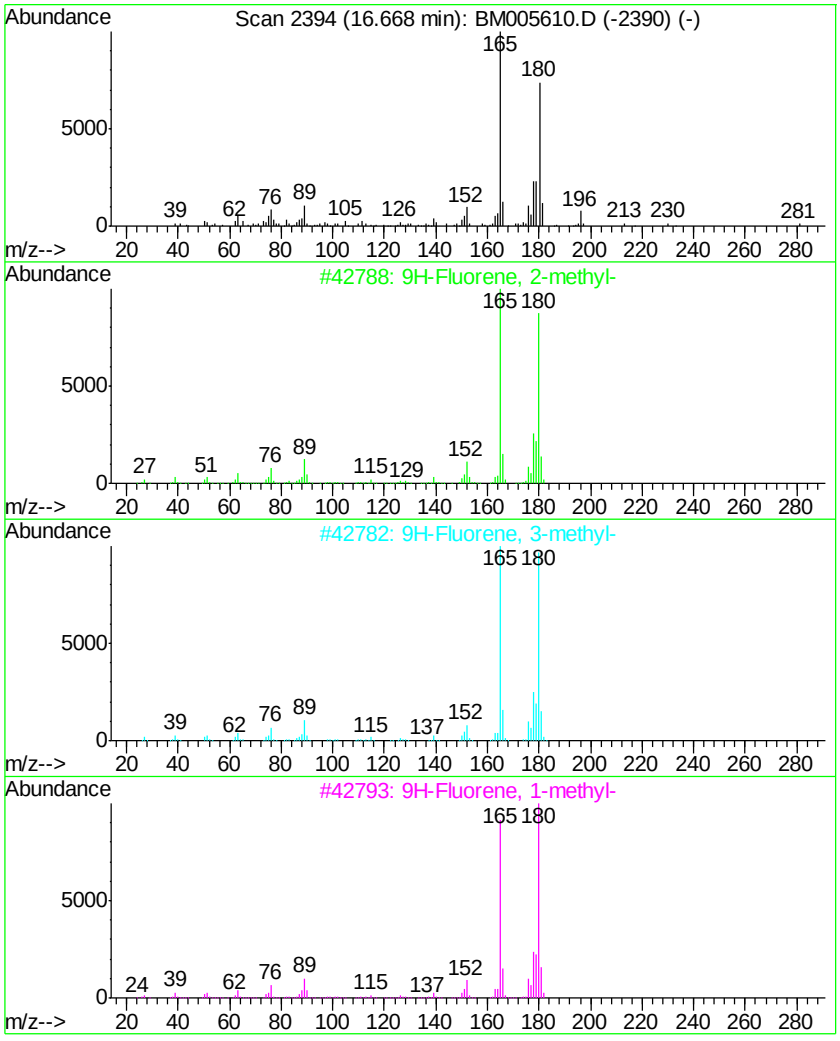
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

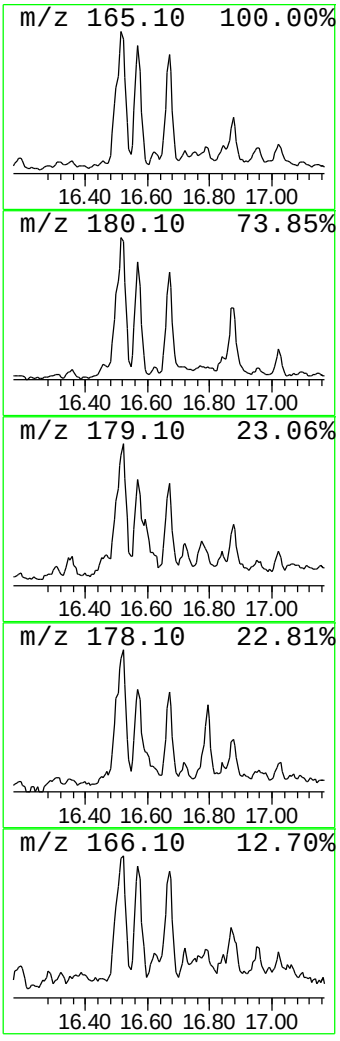
**********

Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.67 | 2.30 ng/ul | 162958 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 93 |
| 2 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 93 |
| 3 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 93 |
| 4 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 91 |
| 5 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 90 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

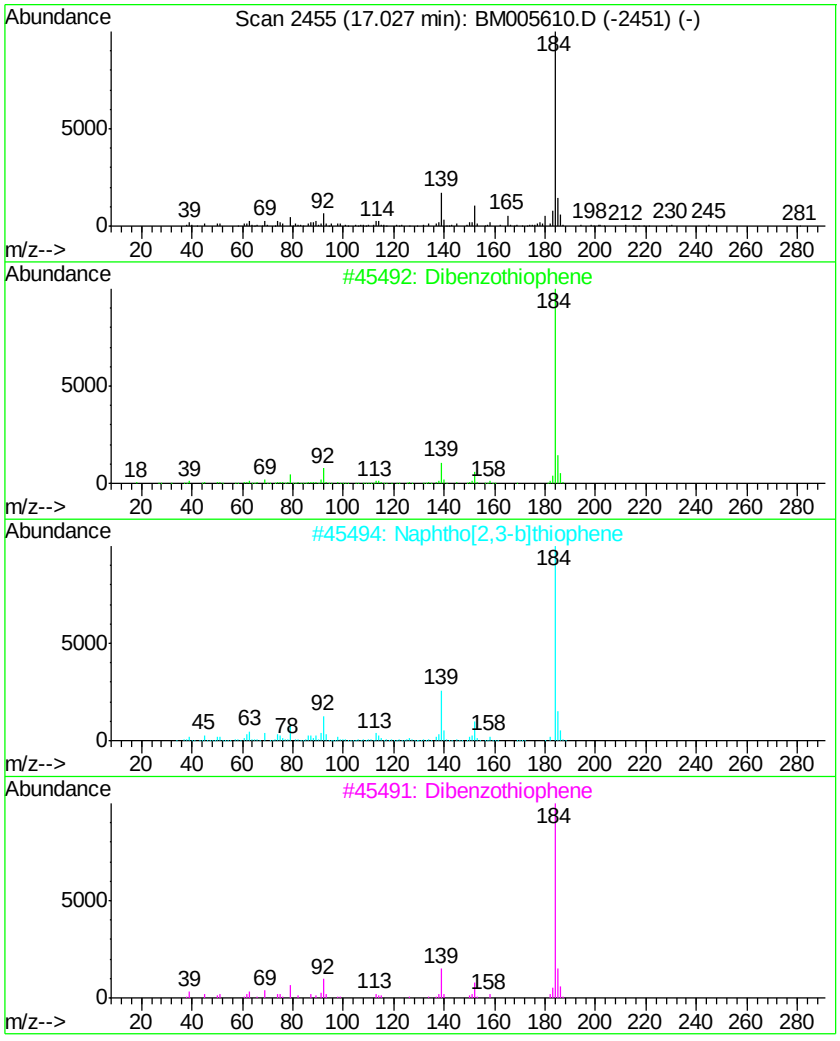
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

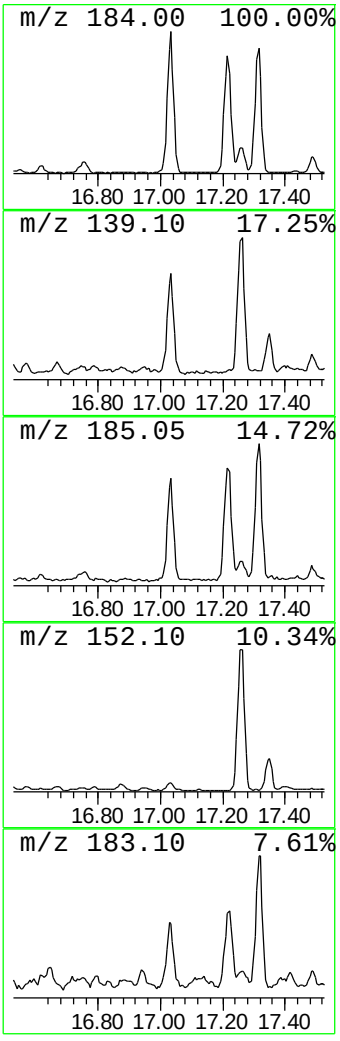
**********

Peak Number 10 Dibenzothiophene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.03 | 4.28 ng/ul | 302389 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 95 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 91 |
| 5 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 91 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

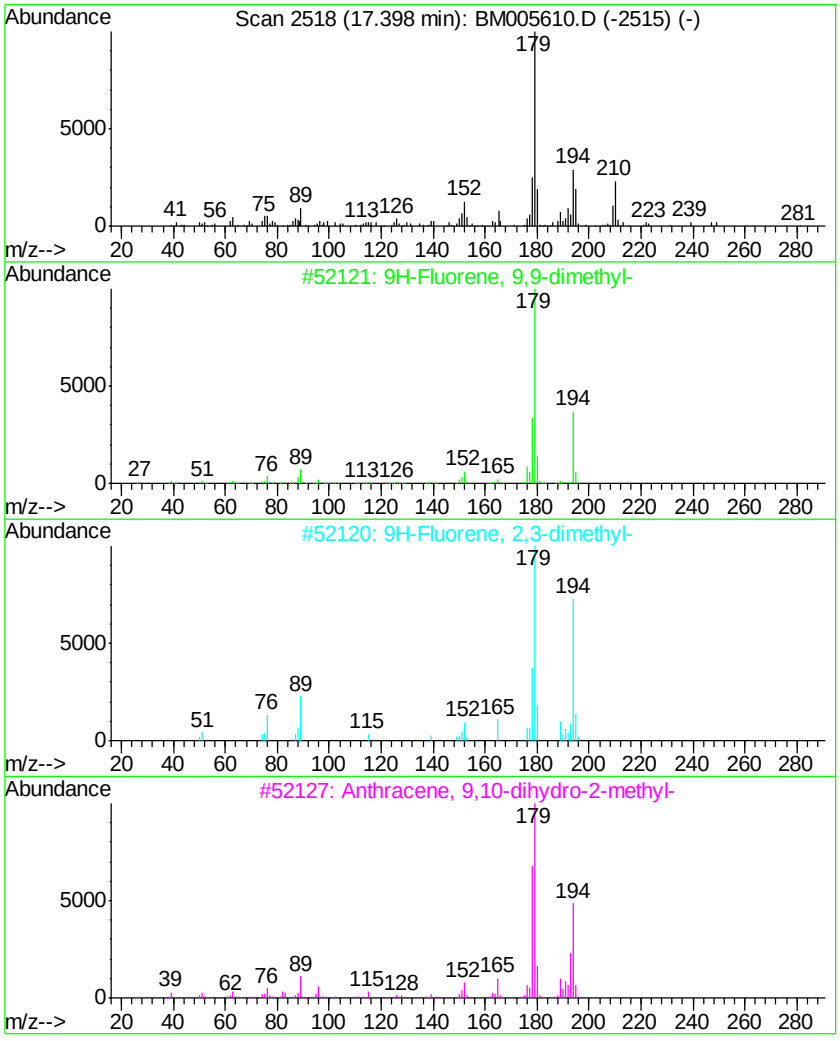
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

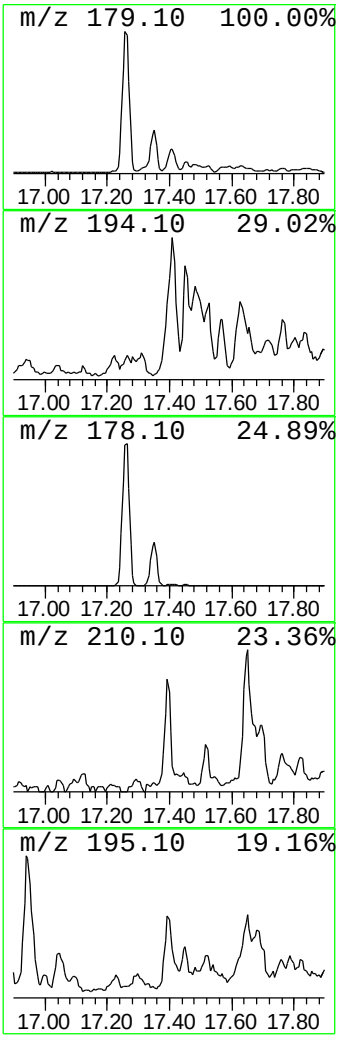
**********

Peak Number 11 9H-Fluorene, 9,9-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.40 | 2.30 ng/ul | 162885 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 9,9-dimethyl- | 194 | C15H14 | 004569-45-3 | 86 |
| 2 | 9H-Fluorene, 2,3-dimethyl- | 194 | C15H14 | 004612-63-9 | 83 |
| 3 | Anthracene, 9,10-dihydro-2-methyl- | 194 | C15H14 | 000948-67-4 | 74 |
| 4 | Benzo[f]quinoline | 179 | C13H9N | 000085-02-9 | 70 |
| 5 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 70 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

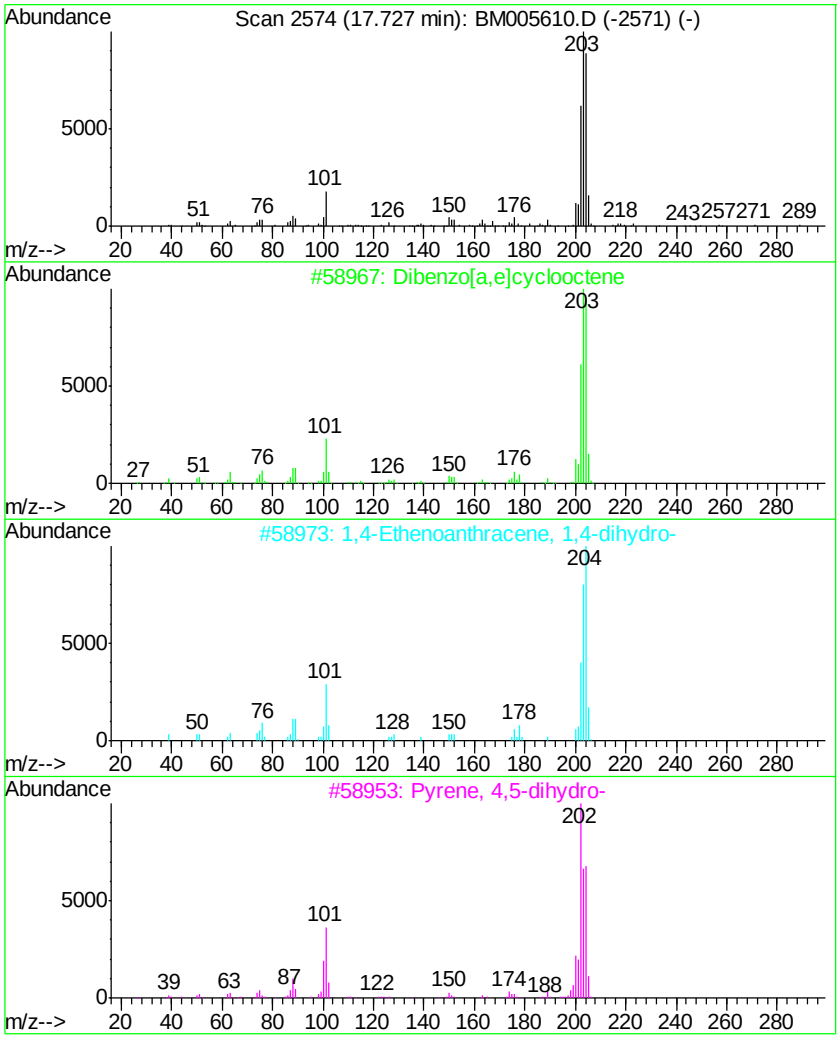
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

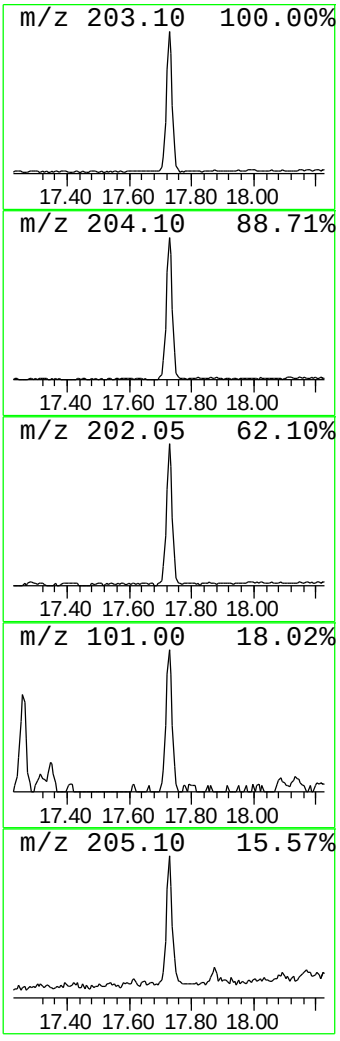
**********

Peak Number 12 Dibenzo[a,e]cyclooctene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.73 | 2.40 ng/ul | 169388 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzo[a,e]cyclooctene | 204 | C16H12 | 000262-89-5 | 93 |
| 2 | 1,4-Ethenoanthracene, 1,4-dihydro- | 204 | C16H12 | 027765-96-4 | 81 |
| 3 | Pyrene, 4,5-dihydro- | 204 | C16H12 | 006628-98-4 | 76 |
| 4 | 1H-Indene, 1-(phenylmethylene)- | 204 | C16H12 | 005394-86-5 | 76 |
| 5 | Anthracene, 9-ethenyl- | 204 | C16H12 | 002444-68-0 | 76 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

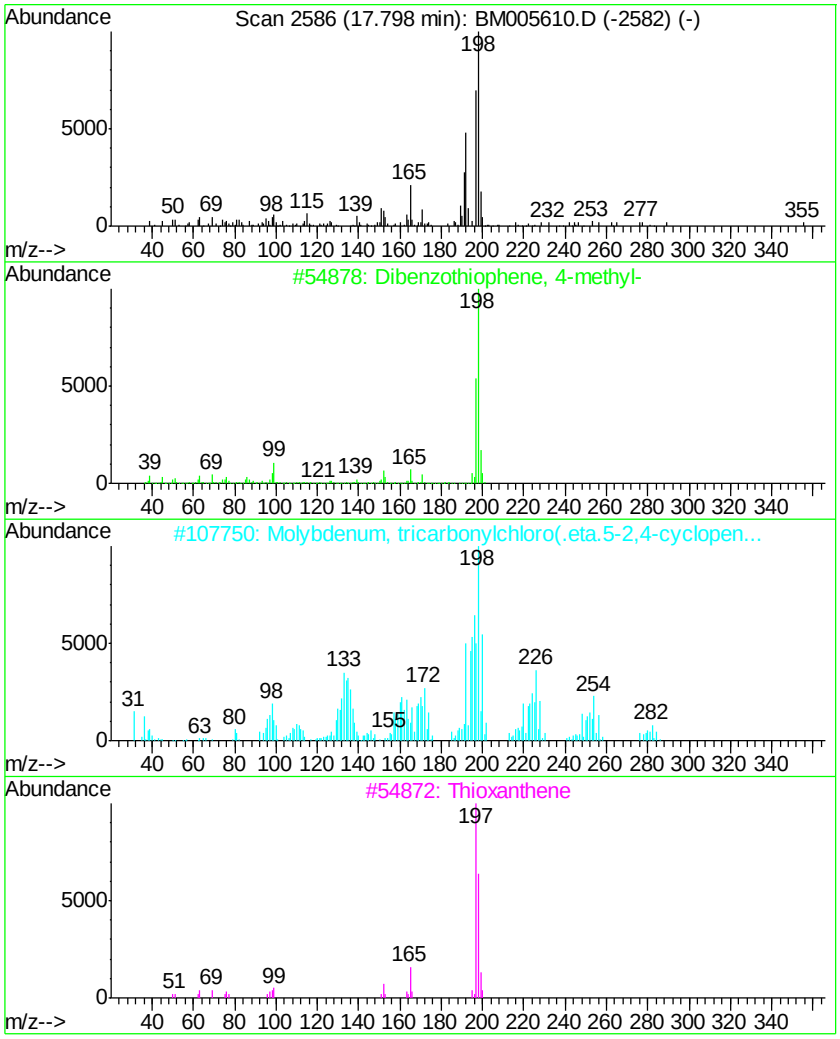
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

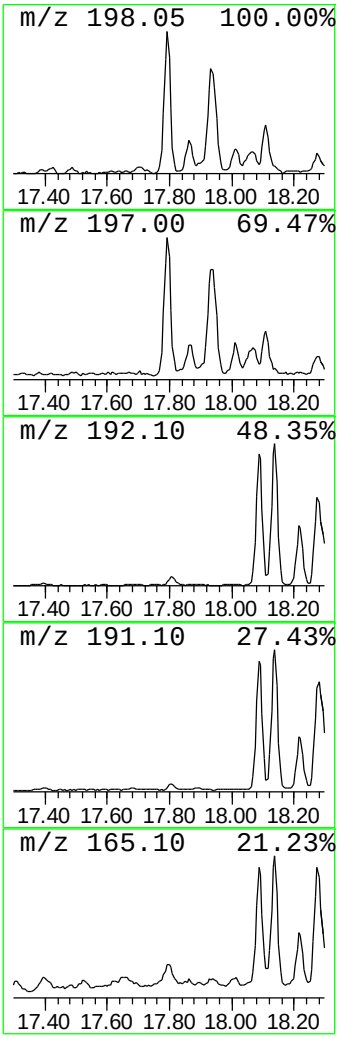
**********

Peak Number 13 Dibenzothiophene, 4-methyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.80 | 2.03 ng/ul | 143511 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 83 |
| 2 | Molybdenum, tricarbonylchloro(.e... | 282 | C8H5ClMoO3 | 012128-23-3 | 52 |
| 3 | Thioxanthene | 198 | C13H10S | 000261-31-4 | 46 |
| 4 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 46 |
| 5 | Benzenamine, 4,4'-methylenebis- | 198 | C13H14N2 | 000101-77-9 | 43 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

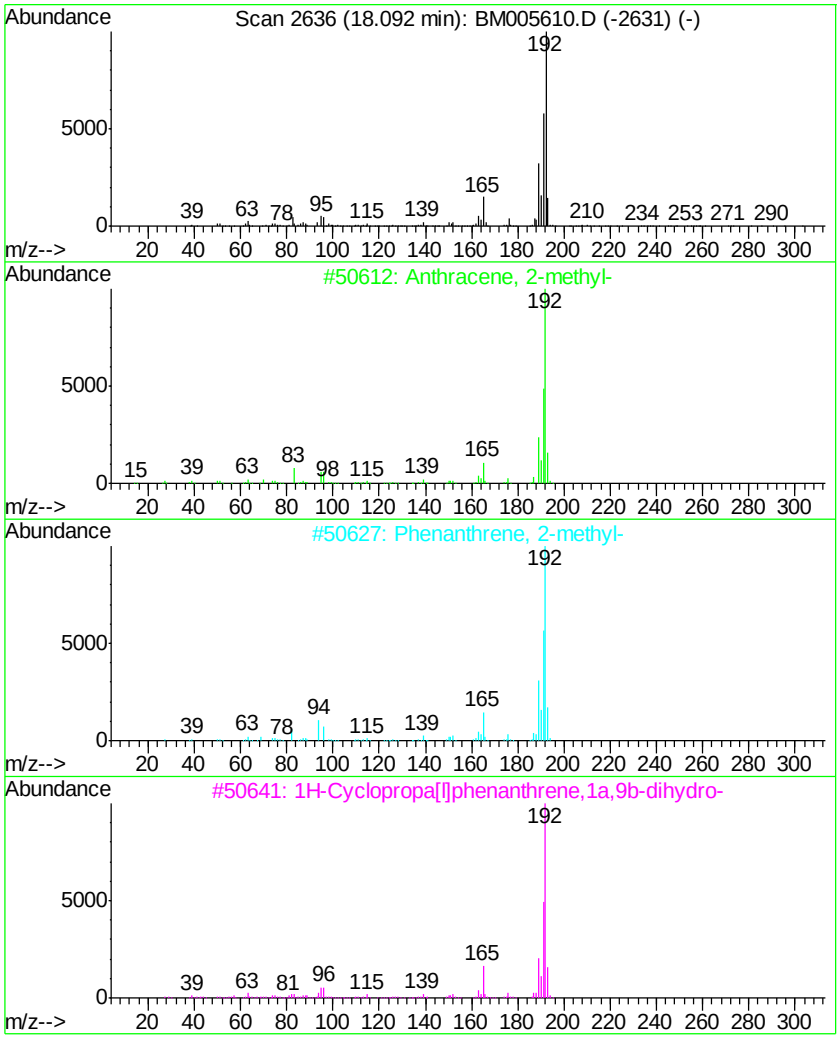
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

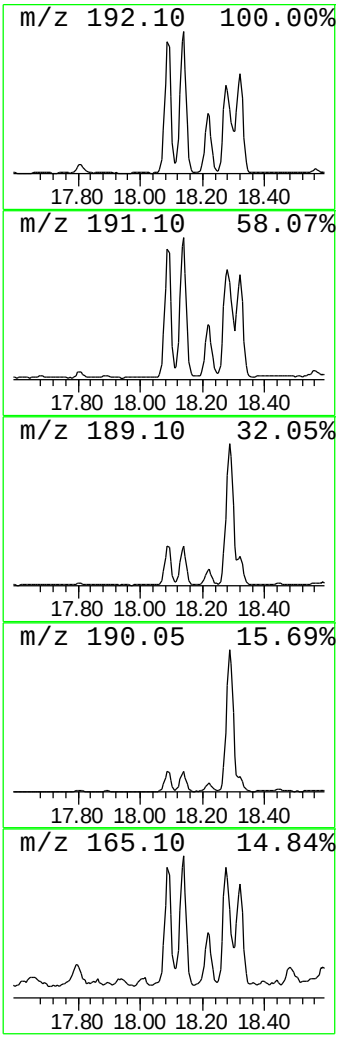
**********

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.09 | 11.28 ng/ul | 797396 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 95 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

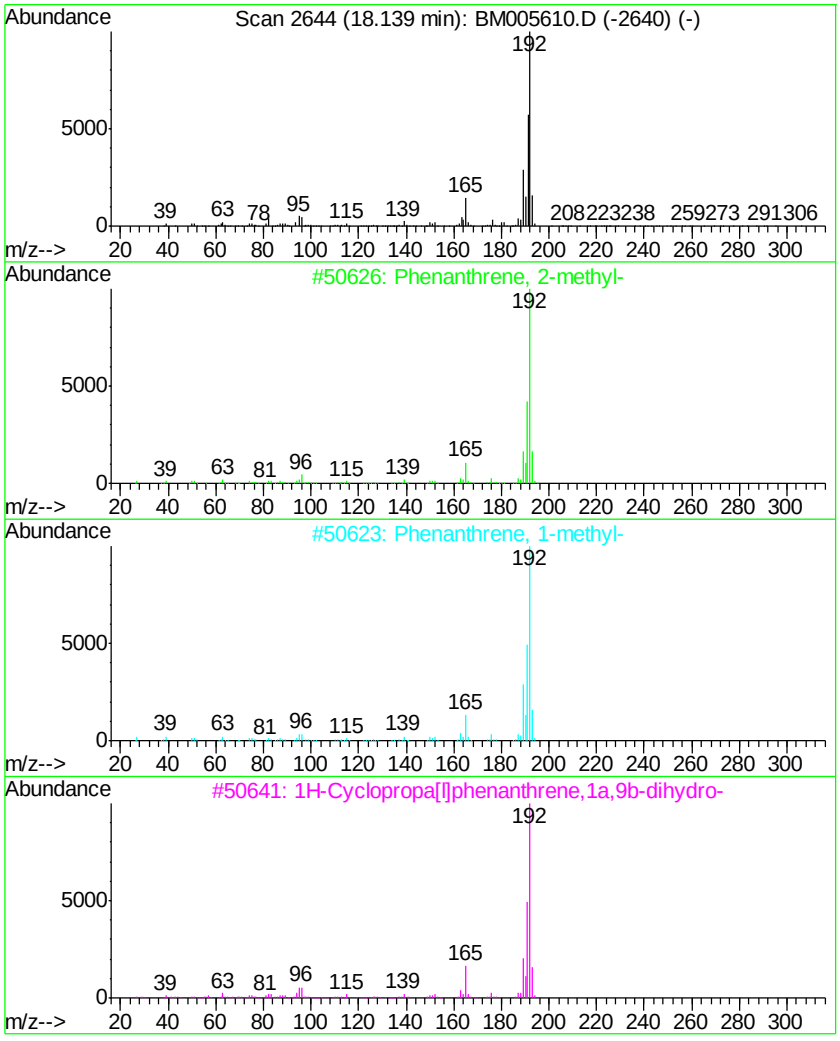
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

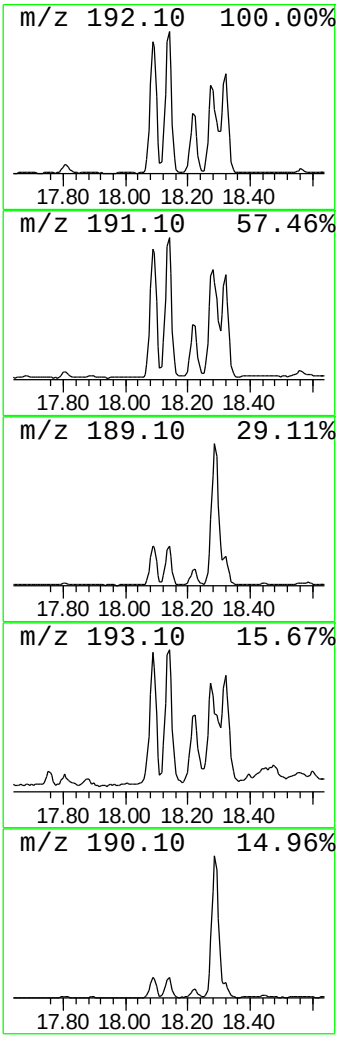
**********

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.14 | 11.90 ng/ul | 841562 | Phenanthrene-d10 | 17.22 |

| 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 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

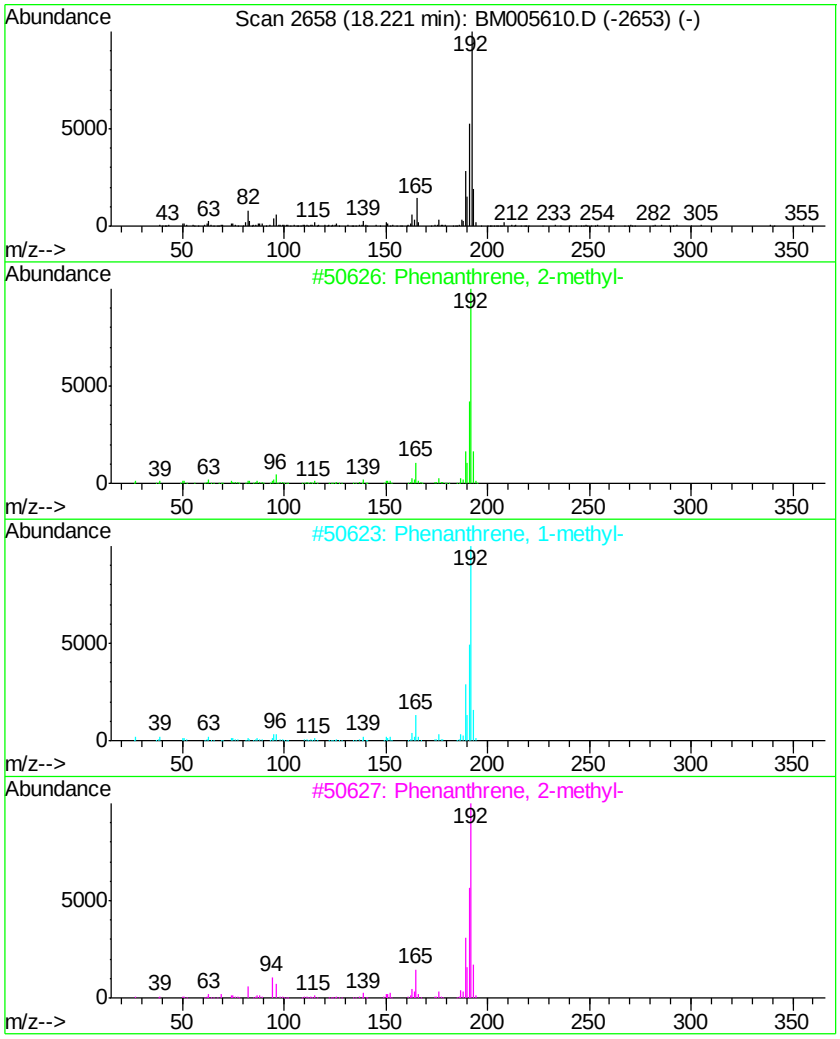
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

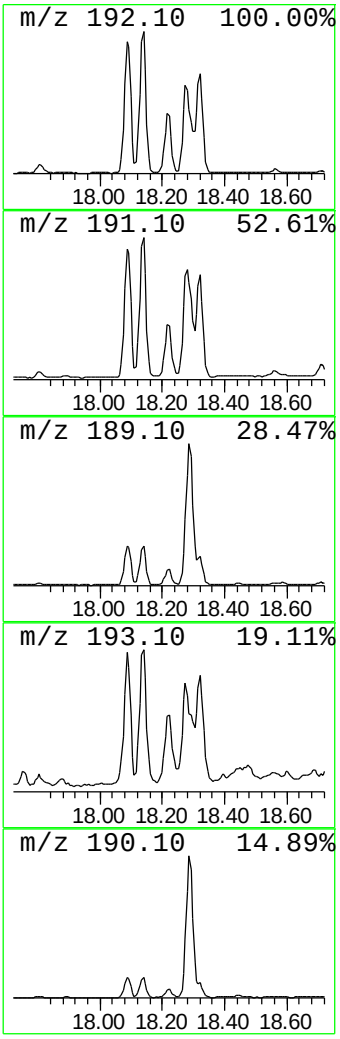
**********

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.22 | 5.17 ng/ul | 365645 | Phenanthrene-d10 | 17.22 |

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

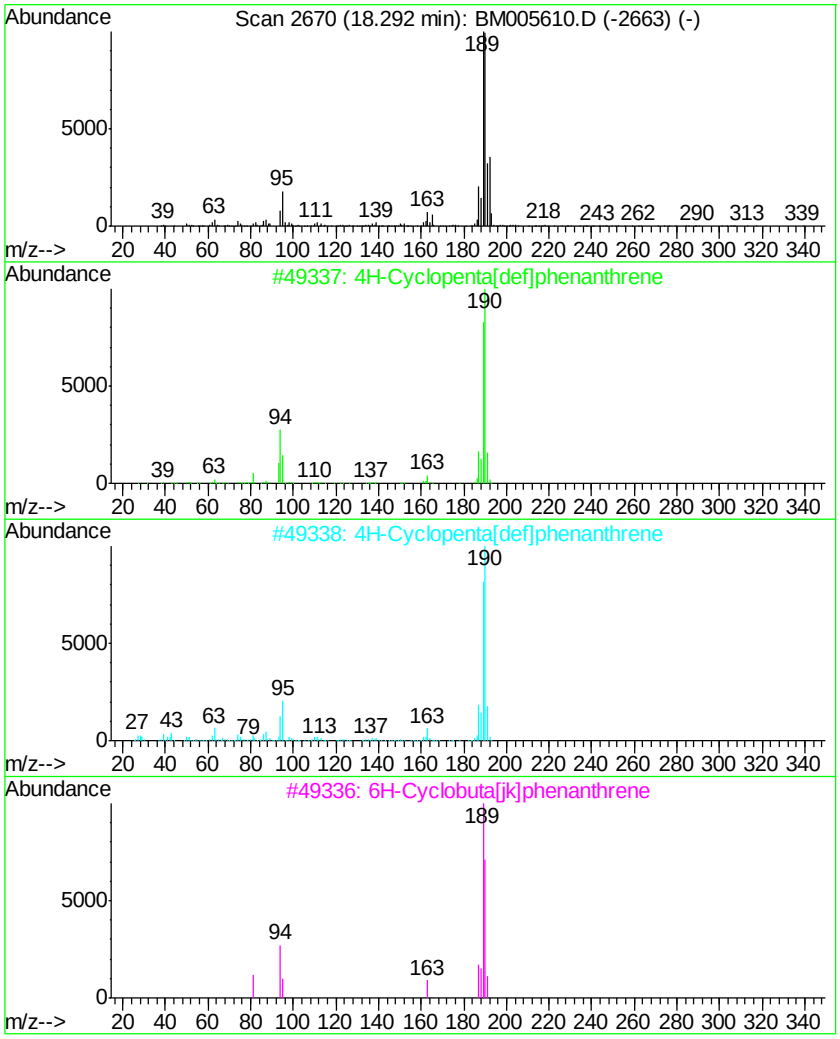
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

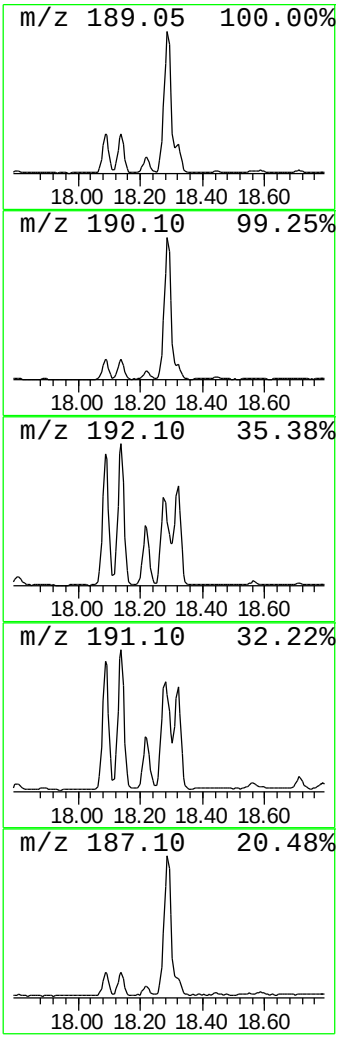
**********

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.29 | 23.89 ng/ul | 1689030 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 81 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 64 |
| 3 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 45 |
| 4 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 43 |
| 5 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 43 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

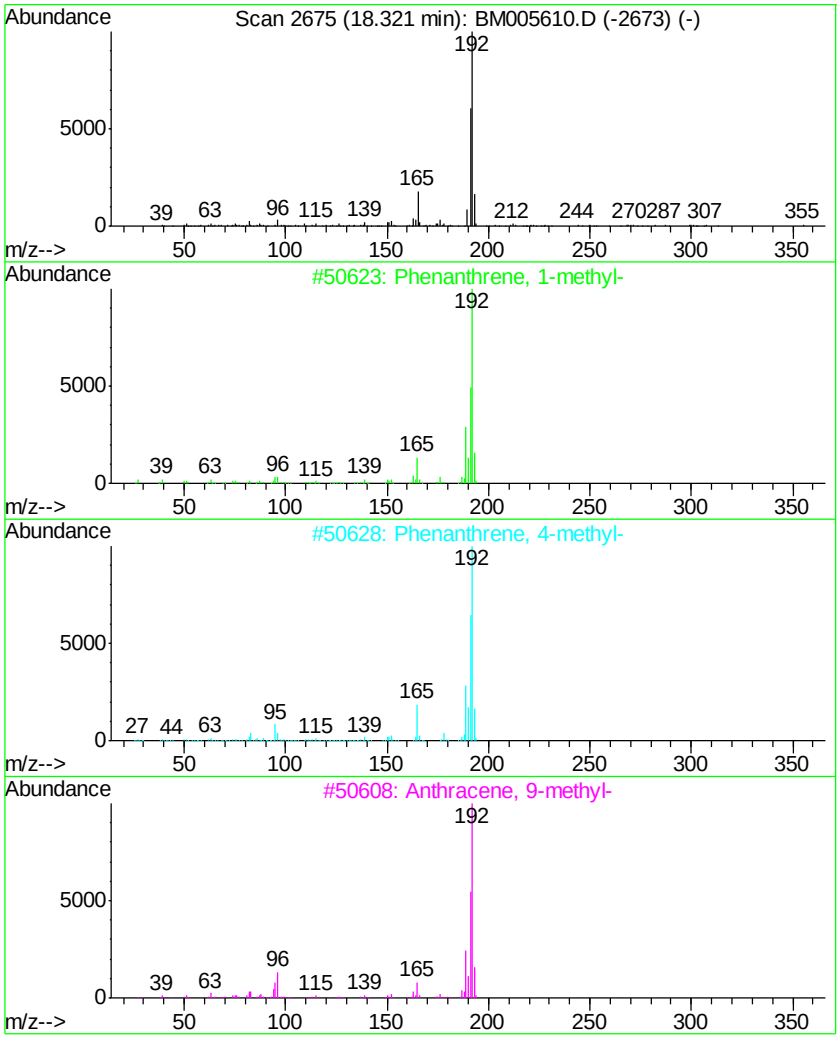
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

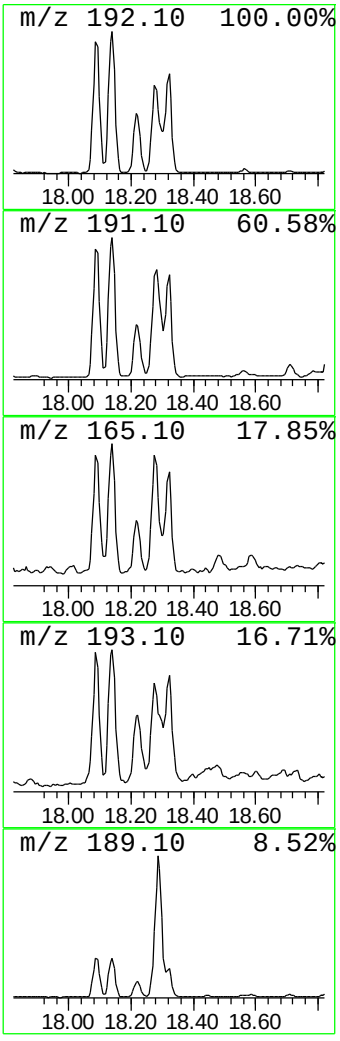
**********

Peak Number 18 Phenanthrene, 4-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.32 | 7.11 ng/ul | 502519 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 90 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 90 |
| 4 | 1H-Indene, 3-phenyl- | 192 | C15H12 | 001961-97-3 | 90 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

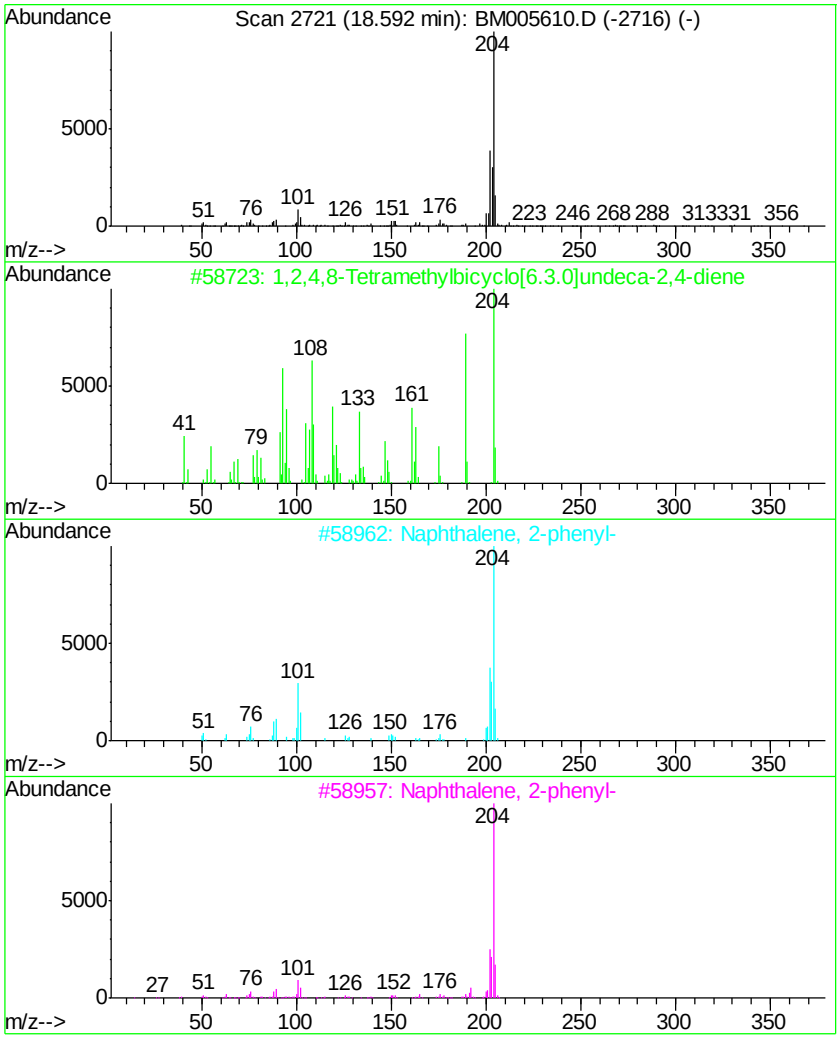
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

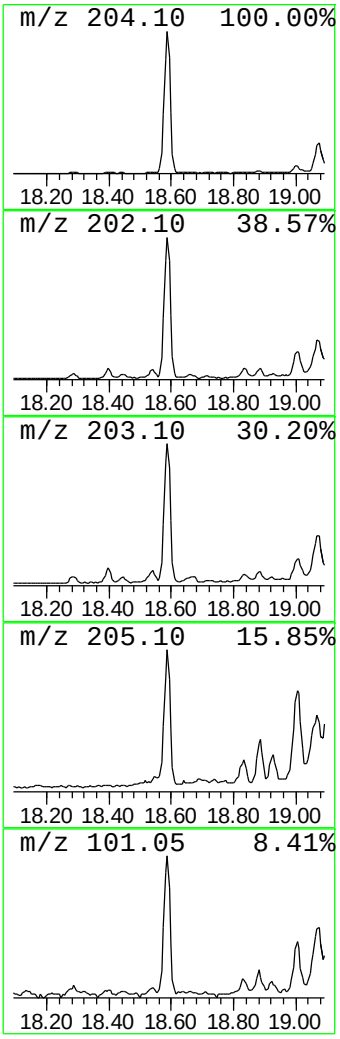
**********

Peak Number 19 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.59 | 7.97 ng/ul | 563622 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 91 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 90 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 81 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 76 |
| 5 | 2-Phenylnaphthalene | 204 | C16H12 | 035465-71-5 | 74 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

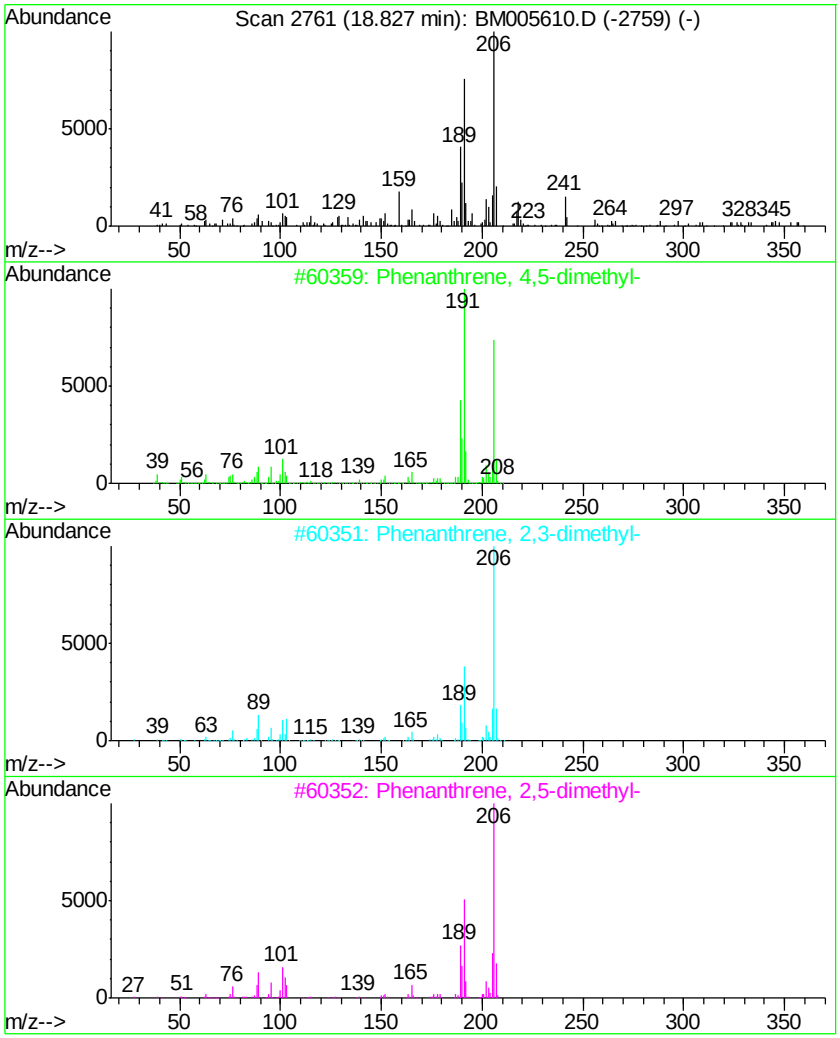
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

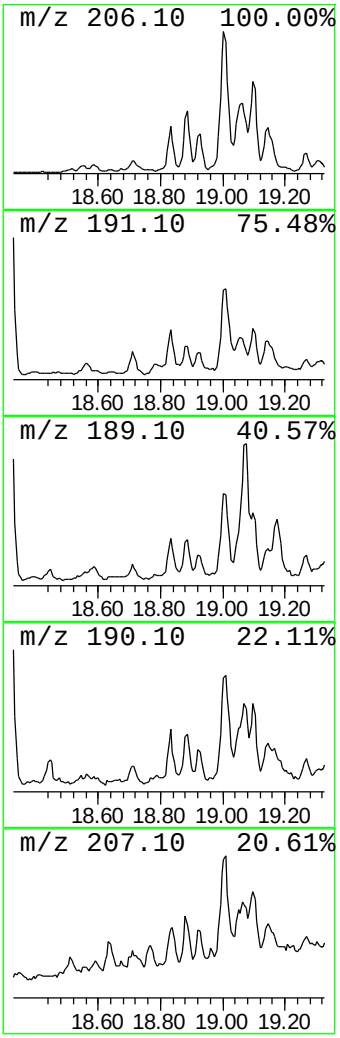
**********

Peak Number 20 Phenanthrene, 4,5-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.83 | 2.72 ng/ul | 192255 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 94 |
| 2 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 91 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 90 |
| 4 | Anthracene, 2-ethyl- | 206 | C16H14 | 052251-71-5 | 89 |
| 5 | 1-Methyl-3-phenyl-1H-indene | 206 | C16H14 | 022360-62-9 | 81 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

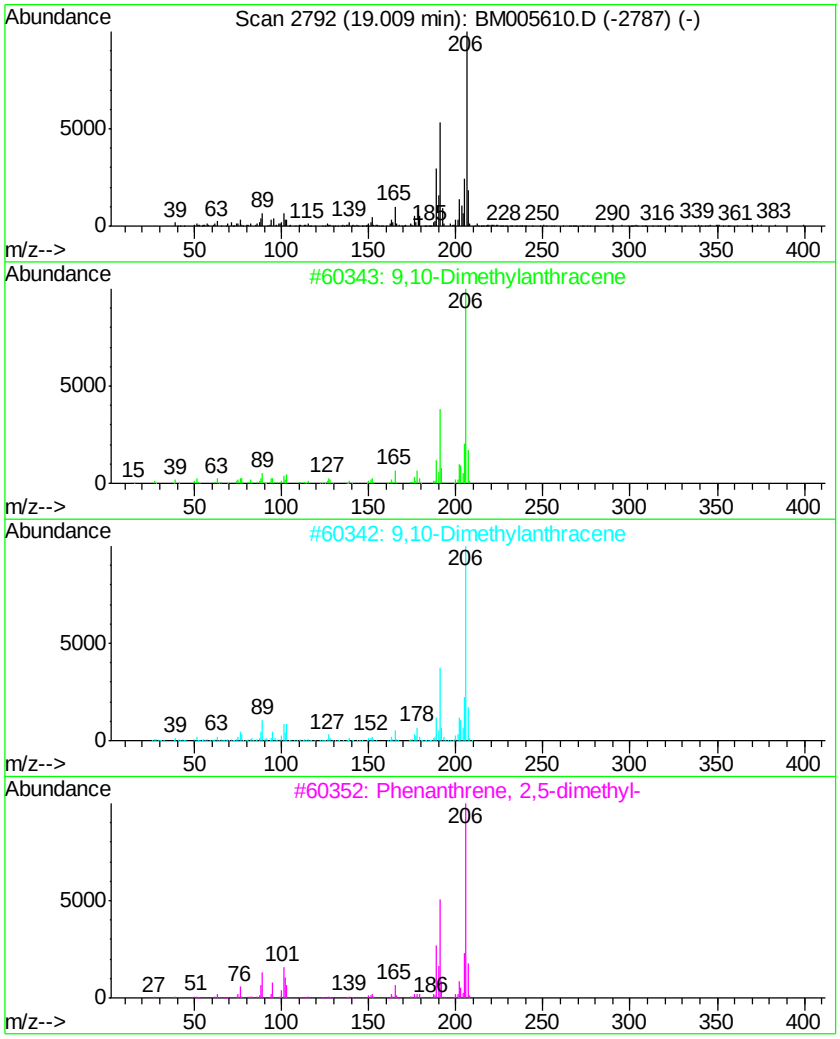
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

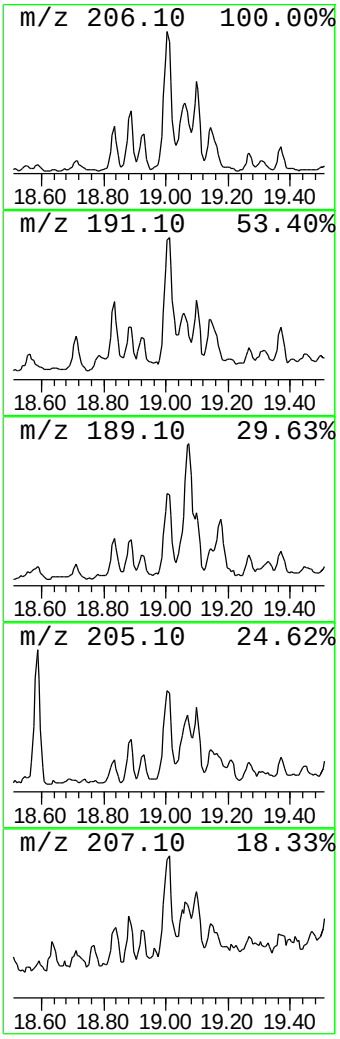
**********

Peak Number 21 9,10-Dimethylanthracene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.01 | 7.32 ng/ul | 517274 | Phenanthrene-d10 | 17.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 91 |
| 4 | 3-Methyl-1-phenyl-1H-indene | 206 | C16H14 | 022360-63-0 | 91 |
| 5 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 91 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

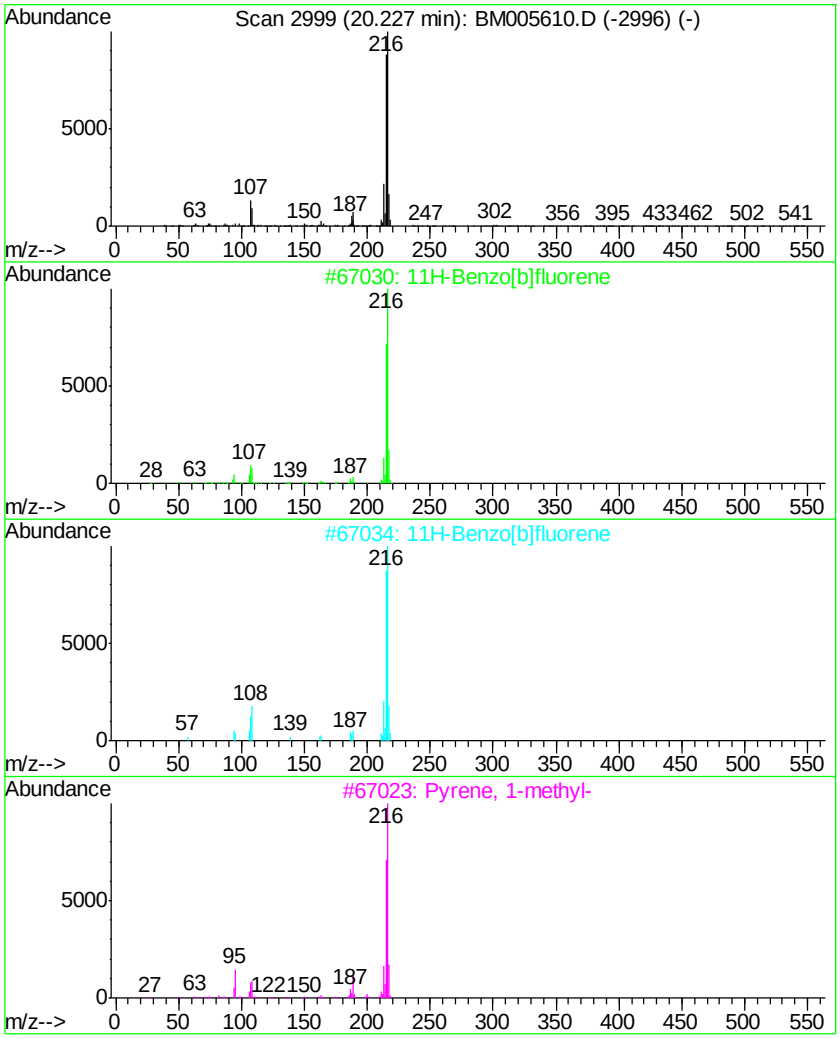
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

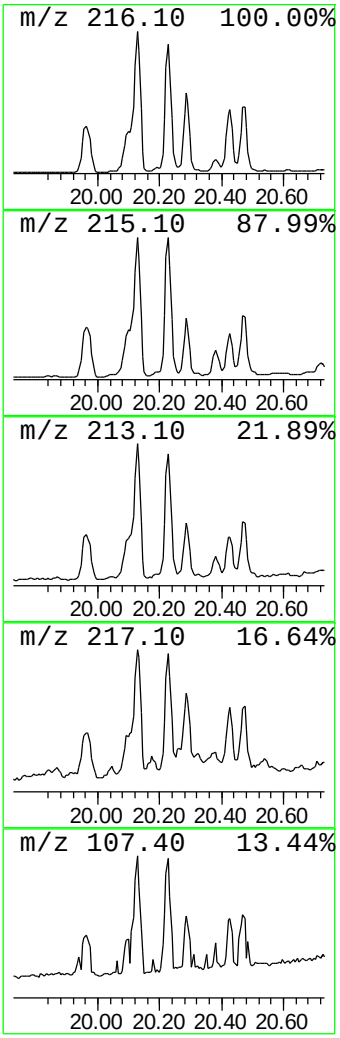
**********

Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.23 | 3.78 ng/ul | 488844 | Chrysene-d12 | 21.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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 |
| unknown-01 | 3.81 | 2.5 | ng/ul | 74000 | 1 | 7.83 | 596045 | 20.0 |
| Naphthalene, 1,6-... | 13.79 | 3.2 | ng/ul | 196740 | 3 | 14.47 | 1246970 | 20.0 |
| Naphthalene, 1,6,... | 15.09 | 2.6 | ng/ul | 159974 | 3 | 14.47 | 1246970 | 20.0 |
| Naphthalene, 2,3,... | 15.26 | 2.4 | ng/ul | 149779 | 3 | 14.47 | 1246970 | 20.0 |
| [1,1'-Biphenyl]-4... | 15.81 | 2.1 | ng/ul | 133975 | 3 | 14.47 | 1246970 | 20.0 |
| unknown-02 | 16.19 | 3.4 | ng/ul | 242755 | 4 | 17.22 | 1414120 | 20.0 |
| 9H-Fluorene, 1-me... | 16.52 | 4.2 | ng/ul | 293429 | 4 | 17.22 | 1414120 | 20.0 |
| 9H-Fluorene, 2-me... | 16.67 | 2.3 | ng/ul | 162958 | 4 | 17.22 | 1414120 | 20.0 |
| Dibenzothiophene | 17.03 | 4.3 | ng/ul | 302389 | 4 | 17.22 | 1414120 | 20.0 |
| 9H-Fluorene, 9,9-... | 17.40 | 2.3 | ng/ul | 162885 | 4 | 17.22 | 1414120 | 20.0 |
| Dibenzo[a,e]cyclo... | 17.73 | 2.4 | ng/ul | 169388 | 4 | 17.22 | 1414120 | 20.0 |
| Dibenzothiophene,... | 17.80 | 2.0 | ng/ul | 143511 | 4 | 17.22 | 1414120 | 20.0 |
| Anthracene, 2-met... | 18.09 | 11.3 | ng/ul | 797396 | 4 | 17.22 | 1414120 | 20.0 |
| Phenanthrene, 2-m... | 18.14 | 11.9 | ng/ul | 841562 | 4 | 17.22 | 1414120 | 20.0 |
| Phenanthrene, 1-m... | 18.22 | 5.2 | ng/ul | 365645 | 4 | 17.22 | 1414120 | 20.0 |
| 4H-Cyclopenta[def... | 18.29 | 23.9 | ng/ul | 1689030 | 4 | 17.22 | 1414120 | 20.0 |
| Phenanthrene, 4-m... | 18.32 | 7.1 | ng/ul | 502519 | 4 | 17.22 | 1414120 | 20.0 |
| 1,2,4,8-Tetrameth... | 18.59 | 8.0 | ng/ul | 563622 | 4 | 17.22 | 1414120 | 20.0 |
| Phenanthrene, 4,5... | 18.83 | 2.7 | ng/ul | 192255 | 4 | 17.22 | 1414120 | 20.0 |
| 9,10-Dimethylanth... | 19.01 | 7.3 | ng/ul | 517274 | 4 | 17.22 | 1414120 | 20.0 |
| 11H-Benzo[b]fluorene | 20.23 | 3.8 | ng/ul | 488844 | 5 | 21.39 | 2586850 | 20.0 |