LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

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\SOM-EPA-BM052717.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 | 8.410 | 897 | 905 | 913 | rBV | 1473393 | 2380598 | 1.19% | 0.230% |
| 2 | 10.769 | 1294 | 1306 | 1311 | rVB2 | 102585310 | 200475554 | 100.00% | 19.386% |
| 3 | 10.869 | 1311 | 1323 | 1329 | rVB | 2525739 | 4198120 | 2.09% | 0.406% |
| 4 | 12.351 | 1566 | 1575 | 1583 | rBV | 40959096 | 57653436 | 28.76% | 5.575% |
| 5 | 12.569 | 1601 | 1612 | 1618 | rVB | 13468541 | 20404127 | 10.18% | 1.973% |
| 6 | 13.351 | 1738 | 1745 | 1756 | rBV | 6071766 | 8450167 | 4.22% | 0.817% |
| 7 | 13.539 | 1771 | 1777 | 1792 | rVB | 1644644 | 3107235 | 1.55% | 0.300% |
| 8 | 13.674 | 1792 | 1800 | 1801 | rBV | 2892050 | 4524911 | 2.26% | 0.438% |
| 9 | 13.833 | 1819 | 1827 | 1832 | rBV | 4189341 | 7801015 | 3.89% | 0.754% |
| 10 | 13.886 | 1832 | 1836 | 1848 | rVB | 3027039 | 4438349 | 2.21% | 0.429% |
| 11 | 14.069 | 1856 | 1867 | 1870 | rBV2 | 1757177 | 2862832 | 1.43% | 0.277% |
| 12 | 14.239 | 1890 | 1896 | 1902 | rVB3 | 1347120 | 2325518 | 1.16% | 0.225% |
| 13 | 14.486 | 1933 | 1938 | 1941 | rBV | 2259132 | 3111583 | 1.55% | 0.301% |
| 14 | 14.592 | 1949 | 1956 | 1962 | rVV | 32217461 | 43164921 | 21.53% | 4.174% |
| 15 | 14.927 | 2004 | 2013 | 2018 | rVV | 23654103 | 33008749 | 16.47% | 3.192% |
| 16 | 15.580 | 2115 | 2124 | 2130 | rVB | 37661705 | 48844449 | 24.36% | 4.723% |
| 17 | 15.727 | 2145 | 2149 | 2153 | rVB2 | 2374484 | 3278954 | 1.64% | 0.317% |
| 18 | 15.857 | 2167 | 2171 | 2177 | rVB | 3466131 | 4859331 | 2.42% | 0.470% |
| 19 | 16.004 | 2184 | 2196 | 2203 | rBV | 3832204 | 7823311 | 3.90% | 0.757% |
| 20 | 16.562 | 2280 | 2291 | 2296 | rBV3 | 2874054 | 6319597 | 3.15% | 0.611% |
| 21 | 16.786 | 2321 | 2329 | 2332 | rBV2 | 1002755 | 2196057 | 1.10% | 0.212% |
| 22 | 16.986 | 2358 | 2363 | 2374 | rVV2 | 1035157 | 2173087 | 1.08% | 0.210% |
| 23 | 17.092 | 2374 | 2381 | 2391 | rVB | 5559403 | 8279027 | 4.13% | 0.801% |
| 24 | 17.274 | 2406 | 2412 | 2414 | rBV | 1453895 | 2229602 | 1.11% | 0.216% |
| 25 | 17.339 | 2414 | 2423 | 2427 | rVV2 | 121684327 | 189628734 | 94.59% | 18.337% |
| 26 | 17.415 | 2427 | 2436 | 2441 | rVB | 15230987 | 20909473 | 10.43% | 2.022% |
| 27 | 17.692 | 2478 | 2483 | 2493 | rVB | 7955929 | 11755649 | 5.86% | 1.137% |
| 28 | 17.780 | 2493 | 2498 | 2506 | rBV2 | 1032203 | 2284433 | 1.14% | 0.221% |
| 29 | 18.139 | 2552 | 2559 | 2563 | rBV | 5491200 | 7580096 | 3.78% | 0.733% |
| 30 | 18.192 | 2563 | 2568 | 2576 | rVB | 7549996 | 10249911 | 5.11% | 0.991% |
| 31 | 18.268 | 2576 | 2581 | 2586 | rBV | 2977556 | 4044777 | 2.02% | 0.391% |
| 32 | 18.345 | 2586 | 2594 | 2597 | rBV2 | 10515675 | 16356204 | 8.16% | 1.582% |
| 33 | 18.639 | 2639 | 2644 | 2650 | rVB | 3854464 | 5114971 | 2.55% | 0.495% |
| 34 | 19.045 | 2708 | 2713 | 2717 | rBV2 | 1486198 | 2405375 | 1.20% | 0.233% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

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\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 19.339 | 2754 | 2763 | 2767 | rBV2 | 64987999 | 94277209 | 47.03% | 9.117% |
| 36 | 19.568 | 2796 | 2802 | 2811 | rVB2 | 1410554 | 3123869 | 1.56% | 0.302% |
| 37 | 19.662 | 2811 | 2818 | 2820 | rBV2 | 7928942 | 14146272 | 7.06% | 1.368% |
| 38 | 19.703 | 2820 | 2825 | 2830 | rVV2 | 40519529 | 57996837 | 28.93% | 5.608% |
| 39 | 19.862 | 2847 | 2852 | 2856 | rVB | 2184221 | 2766156 | 1.38% | 0.267% |
| 40 | 19.998 | 2869 | 2875 | 2883 | rVB4 | 2135012 | 4801849 | 2.40% | 0.464% |
| 41 | 20.080 | 2883 | 2889 | 2893 | rBV | 1492192 | 2297899 | 1.15% | 0.222% |
| 42 | 20.174 | 2893 | 2905 | 2910 | rVB2 | 6942545 | 13697778 | 6.83% | 1.325% |
| 43 | 20.274 | 2917 | 2922 | 2926 | rBV | 7787729 | 10547471 | 5.26% | 1.020% |
| 44 | 21.086 | 3056 | 3060 | 3063 | rBV | 2180661 | 3019408 | 1.51% | 0.292% |
| 45 | 21.127 | 3063 | 3067 | 3070 | rVB | 1827467 | 2469303 | 1.23% | 0.239% |
| 46 | 21.168 | 3070 | 3074 | 3078 | rBV2 | 1620427 | 2539991 | 1.27% | 0.246% |
| 47 | 21.427 | 3110 | 3118 | 3124 | rBV2 | 16369416 | 27809129 | 13.87% | 2.689% |
| 48 | 21.480 | 3124 | 3127 | 3132 | rVB | 11210019 | 12428902 | 6.20% | 1.202% |
| 49 | 21.597 | 3142 | 3147 | 3153 | rBV | 2433104 | 3346897 | 1.67% | 0.324% |
| 50 | 21.950 | 3201 | 3207 | 3210 | rBV2 | 1051146 | 2122732 | 1.06% | 0.205% |
| 51 | 21.992 | 3211 | 3214 | 3220 | rVB | 1344641 | 2192572 | 1.09% | 0.212% |
| 52 | 23.062 | 3390 | 3396 | 3401 | rBV | 3806362 | 8941312 | 4.46% | 0.865% |
| 53 | 23.568 | 3476 | 3482 | 3488 | rBV | 1640238 | 2954896 | 1.47% | 0.286% |
| 54 | 23.668 | 3493 | 3499 | 3505 | rBV | 3165929 | 5510119 | 2.75% | 0.533% |
| 55 | 23.774 | 3511 | 3517 | 3521 | rBV | 1586773 | 2906888 | 1.45% | 0.281% |

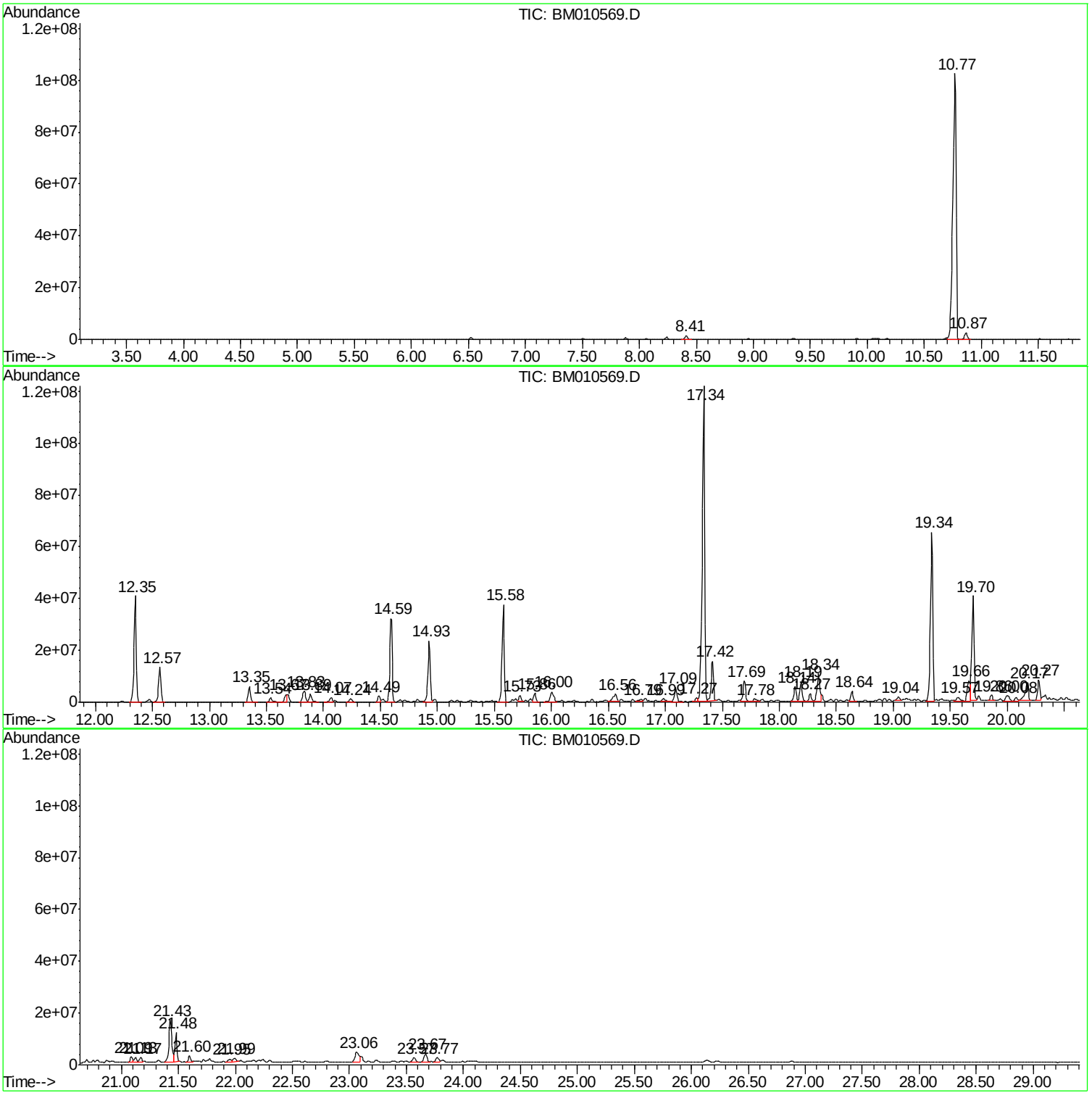
Sum of corrected areas: 1034137642

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

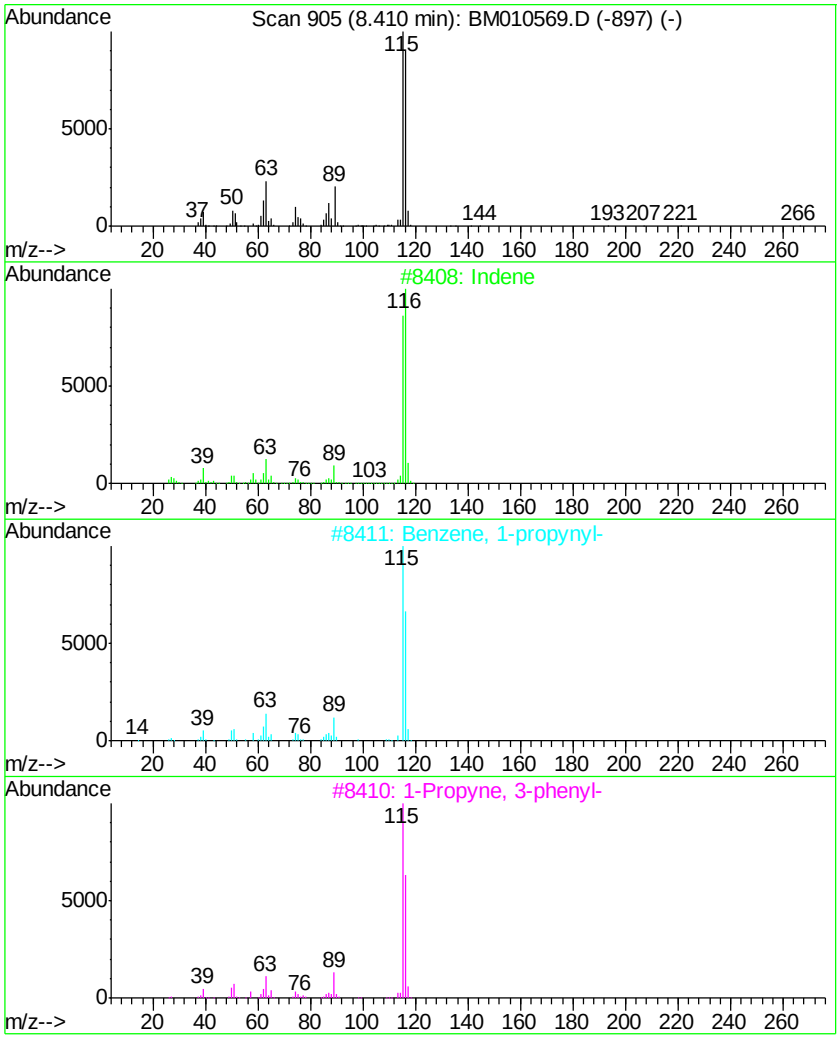
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

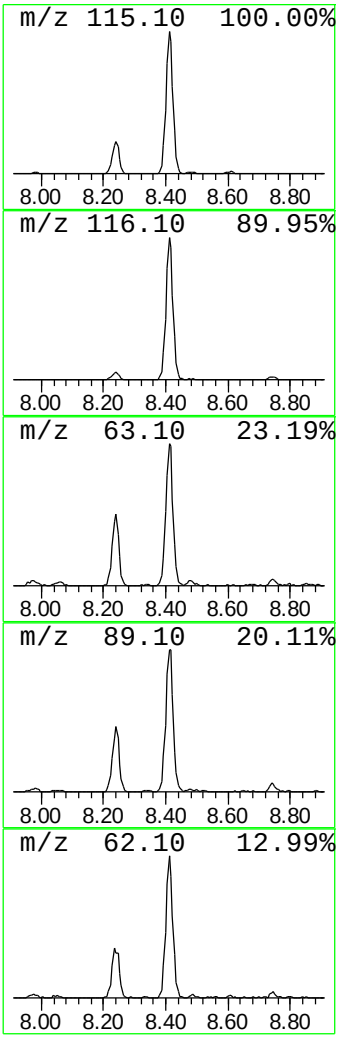
**********

Peak Number 1 Indene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.41 | 20.00 ng/ul | 2380600 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 2 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |
| 3 | 1-Propyne, 3-phenyl- | 116 | C9H8 | 010147-11-2 | 91 |
| 4 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 91 |
| 5 | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8 | 000766-97-2 | 91 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

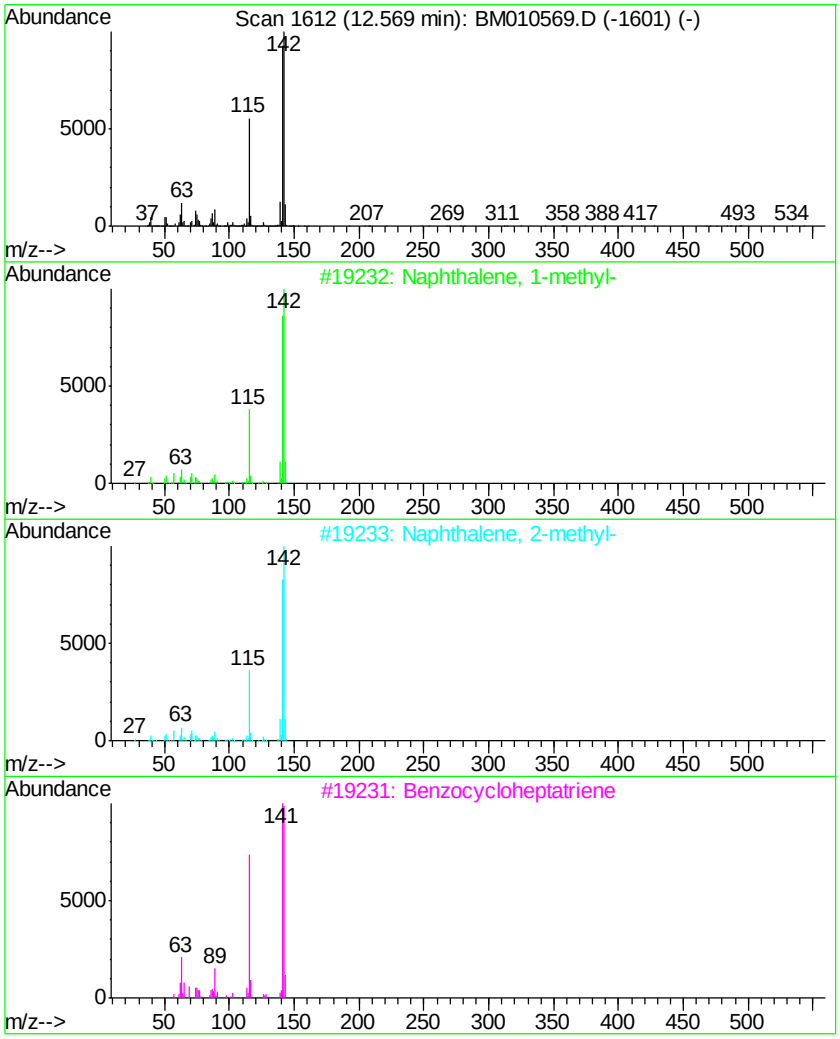
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

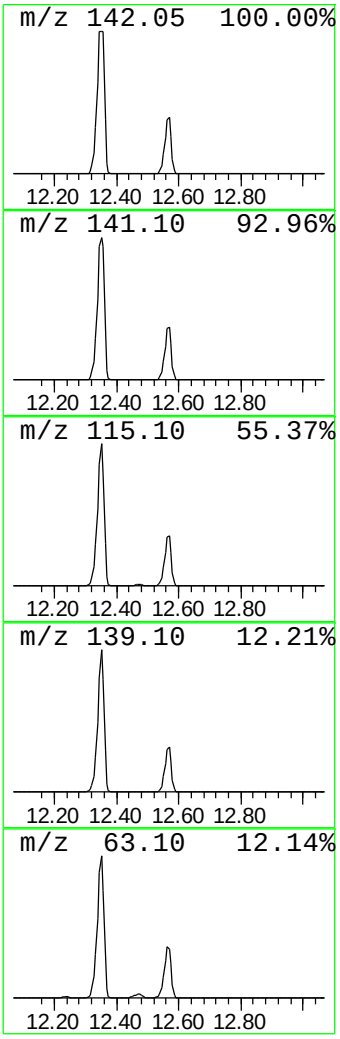
**********

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.57 | 2.04 ng/ul | 20404100 | Naphthalene-d8 | 10.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 97 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 95 |
| 3 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 91 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

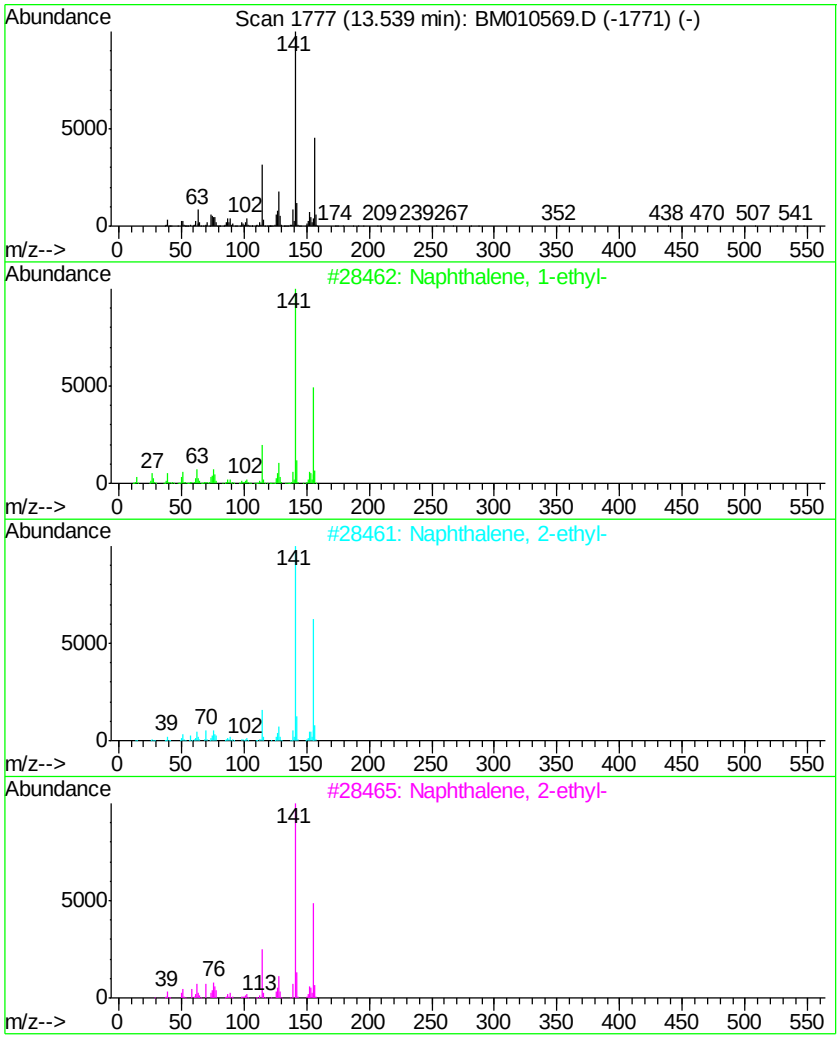
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

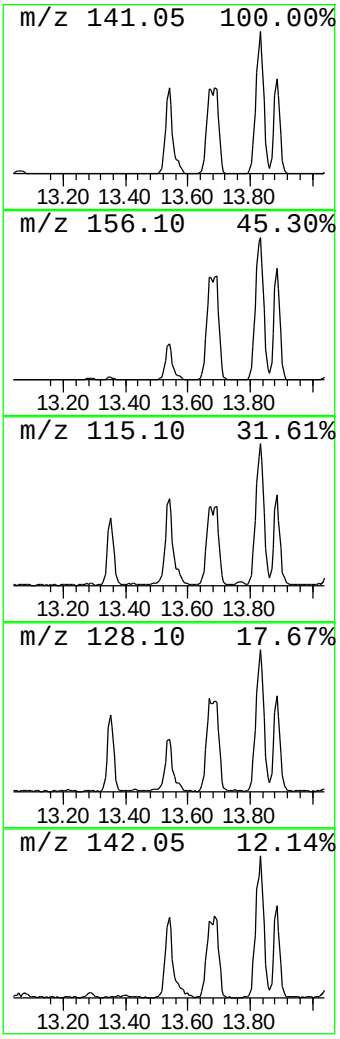
**********

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.54 | 19.97 ng/ul | 3107240 | Acenaphthene-d10 | 14.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 93 |
| 4 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 91 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 87 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

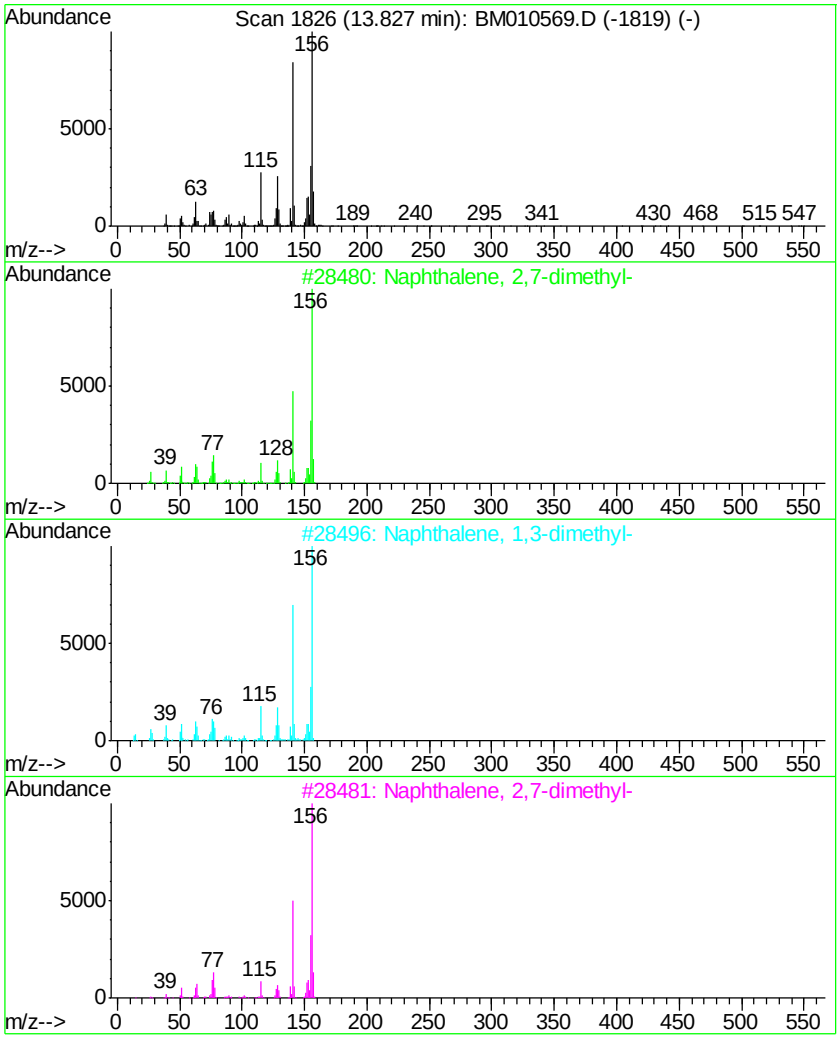
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

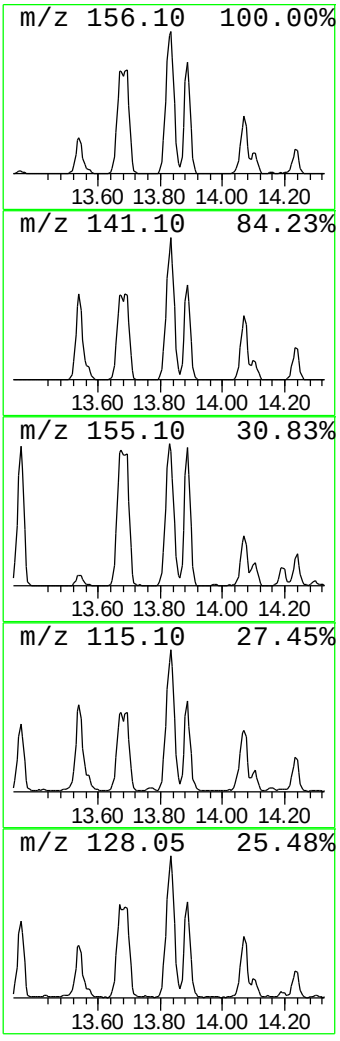
**********

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.83 | 50.14 ng/ul | 7801020 | Acenaphthene-d10 | 14.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

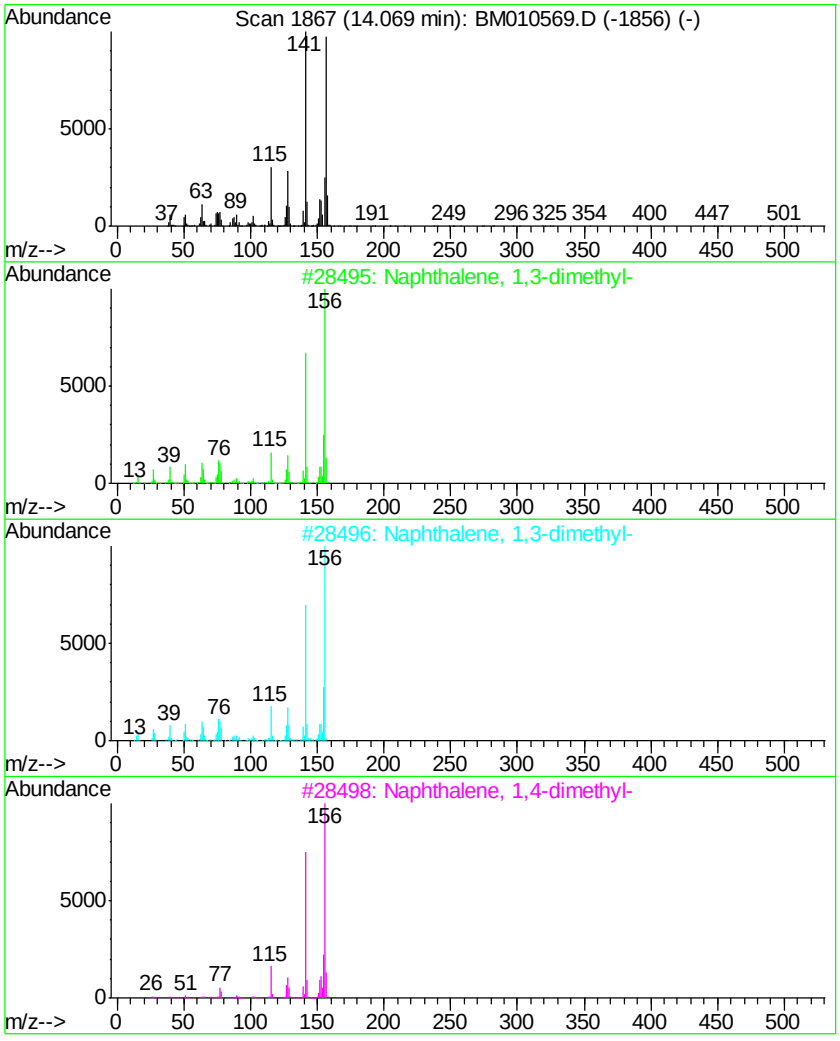
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

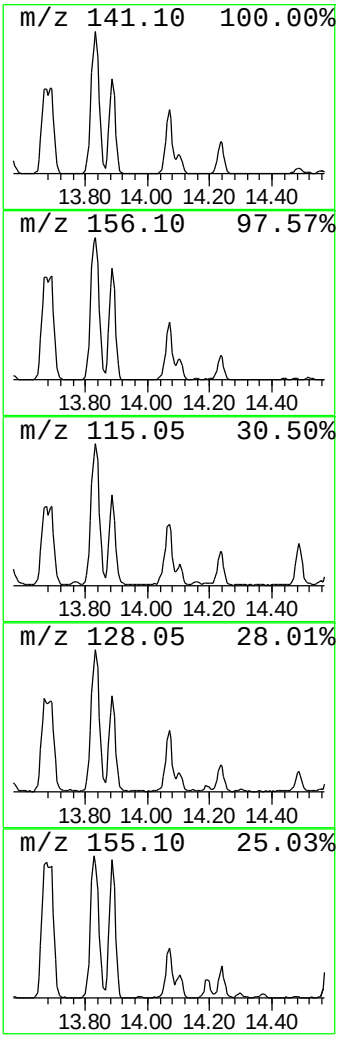
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.07 | 18.40 ng/ul | 2862830 | Acenaphthene-d10 | 14.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 95 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 94 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 93 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

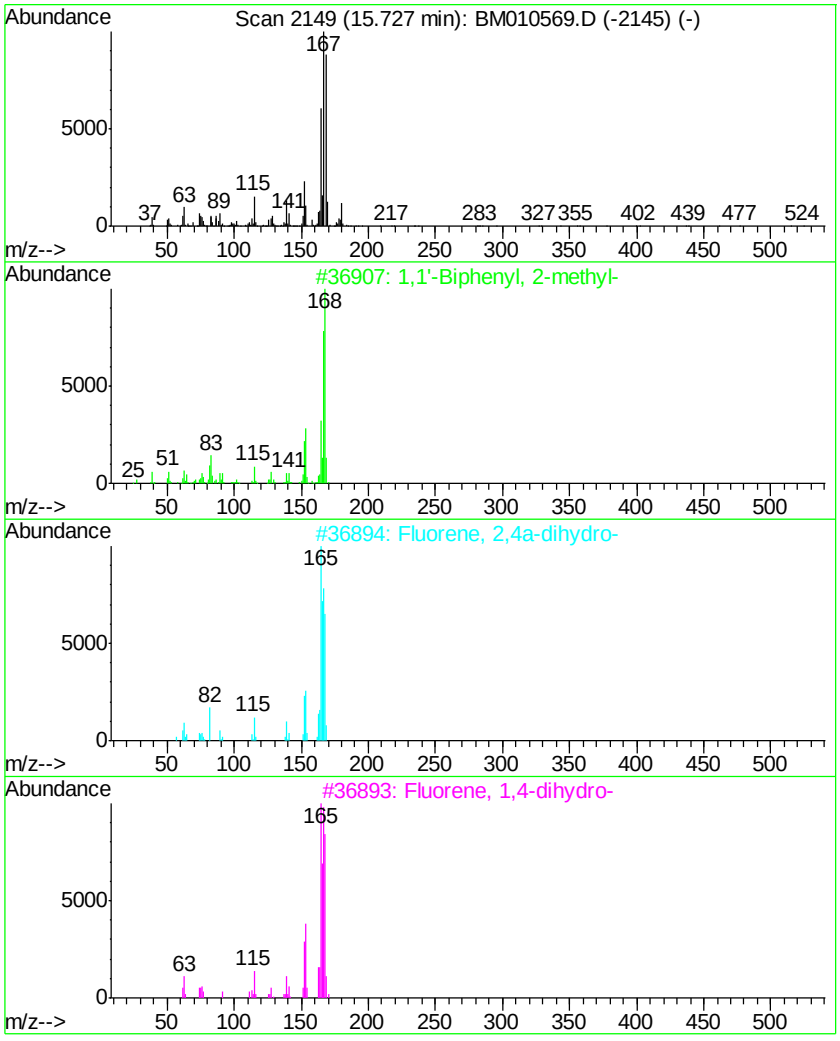
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

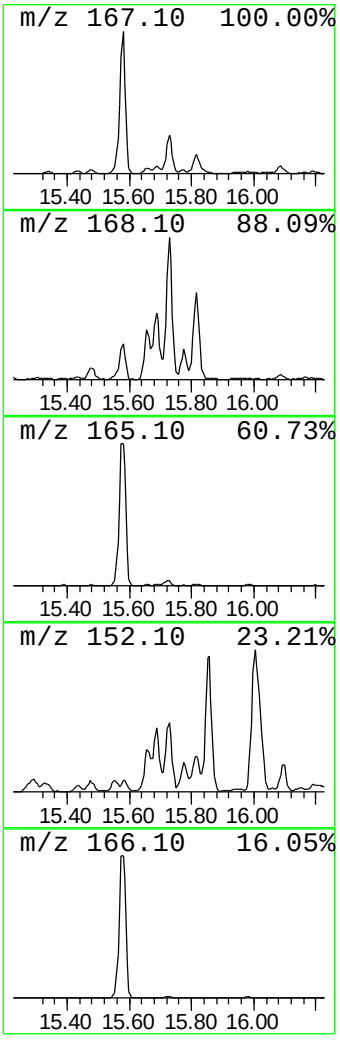
**********

Peak Number 6 1,1'-Biphenyl, 2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.73 | 21.08 ng/ul | 3278950 | Acenaphthene-d10 | 14.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 89 |
| 2 | Fluorene, 2,4a-dihydro- | 168 | C13H12 | 059247-36-8 | 86 |
| 3 | Fluorene, 1,4-dihydro- | 168 | C13H12 | 041593-21-9 | 86 |
| 4 | Nordiphenamid | 225 | C15H15NO | 000954-21-2 | 80 |
| 5 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 76 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

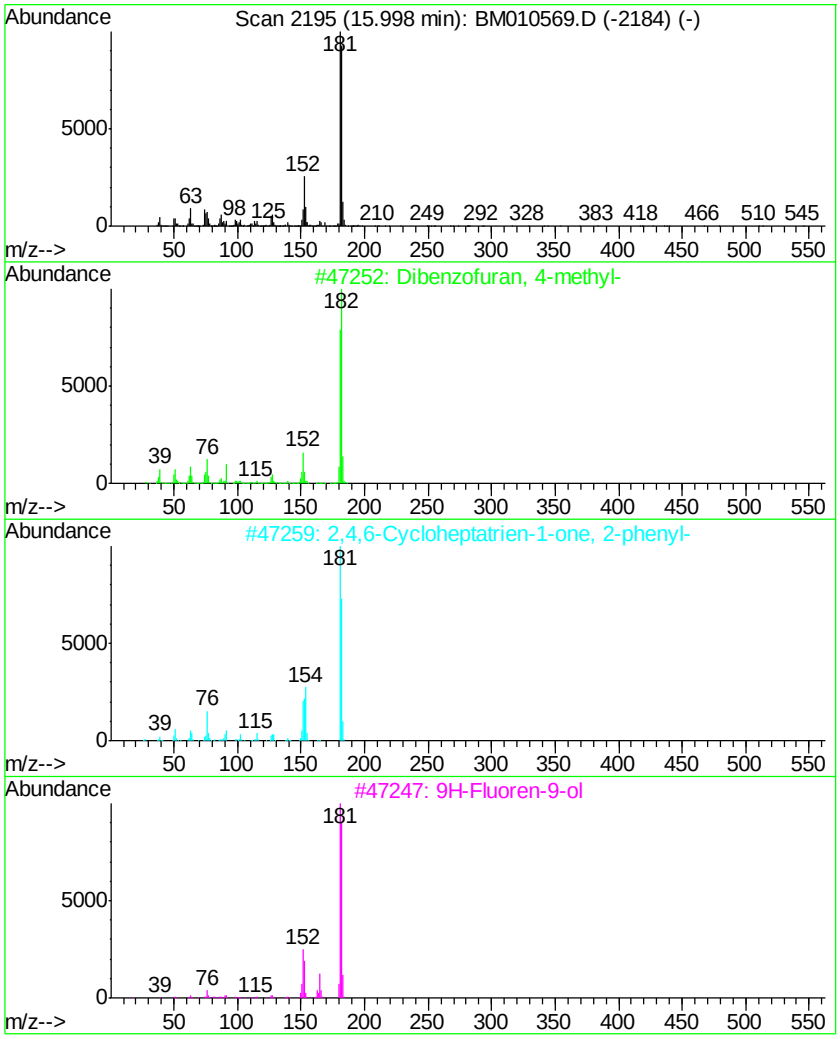
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

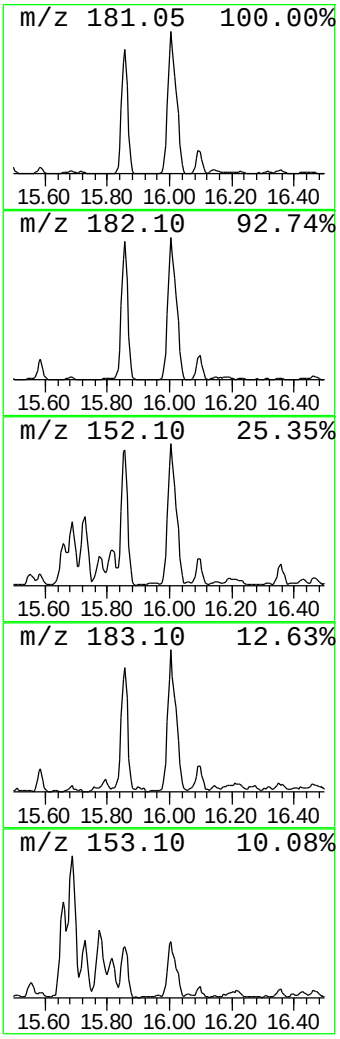
**********

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.00 | 70.18 ng/ul | 7823310 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 90 |
| 2 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 90 |
| 3 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 86 |
| 4 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 80 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 78 |



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Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

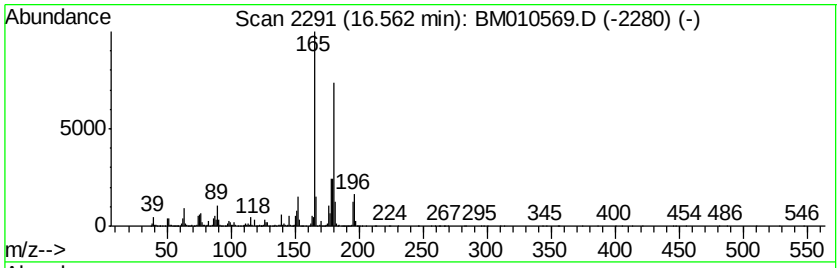
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

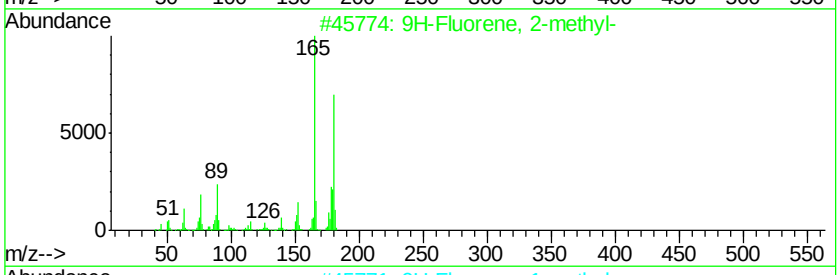
**********

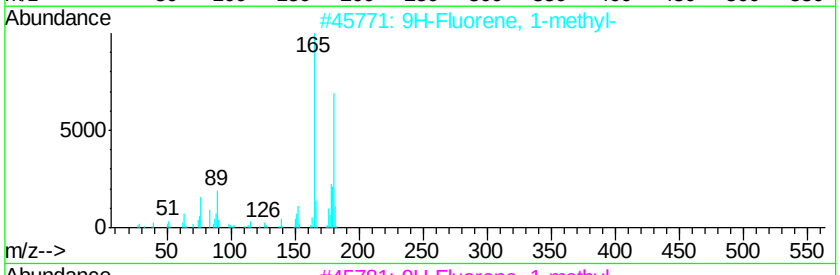
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 6

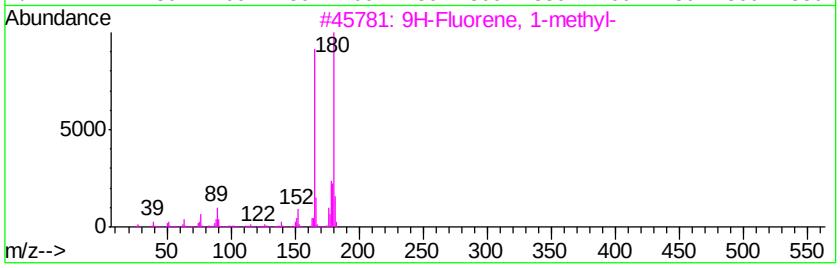
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.56 | 56.69 ng/ul | 6319600 | Phenanthrene-d10 | 17.27 |

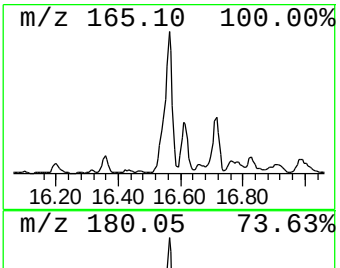
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 95 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 95 |
| 3 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 94 |
| 4 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 93 |
| 5 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 93 |

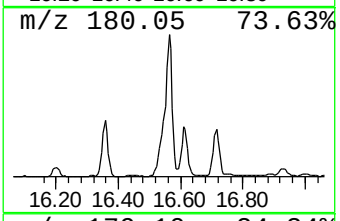


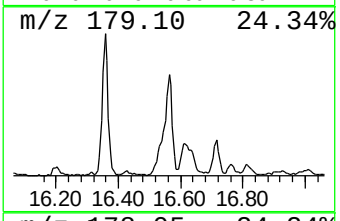



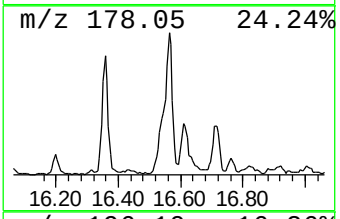



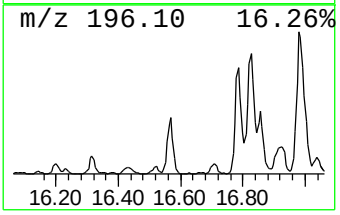



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

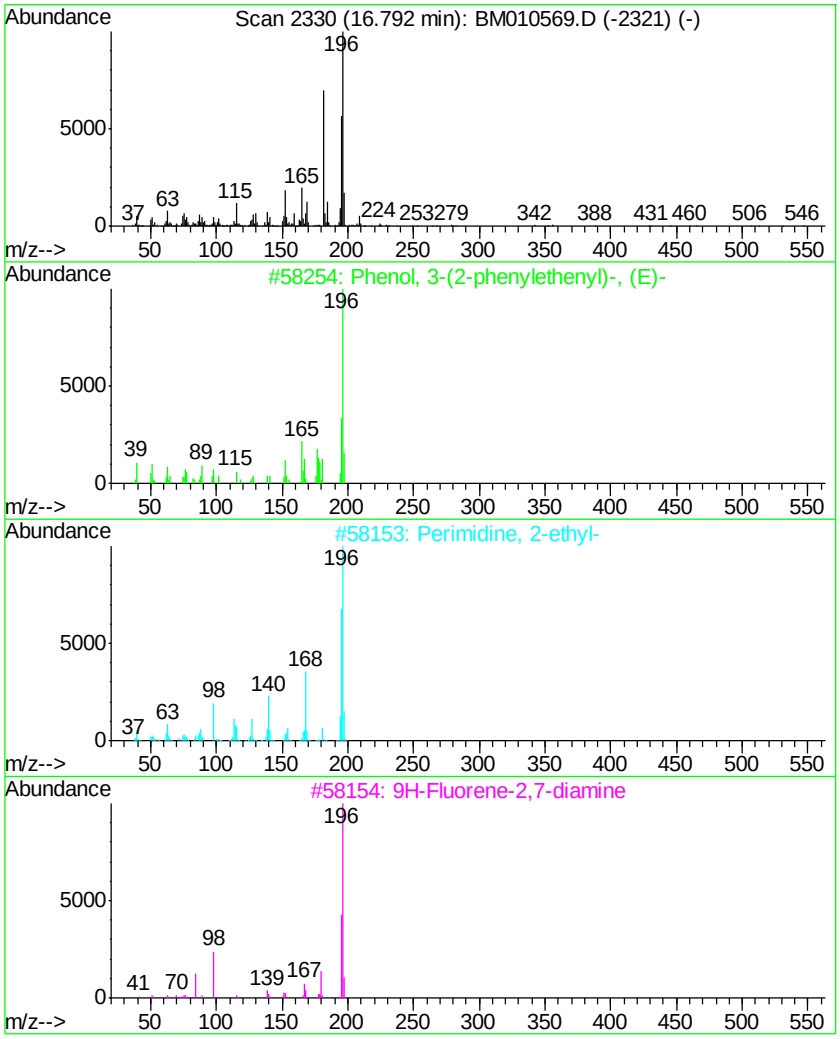
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

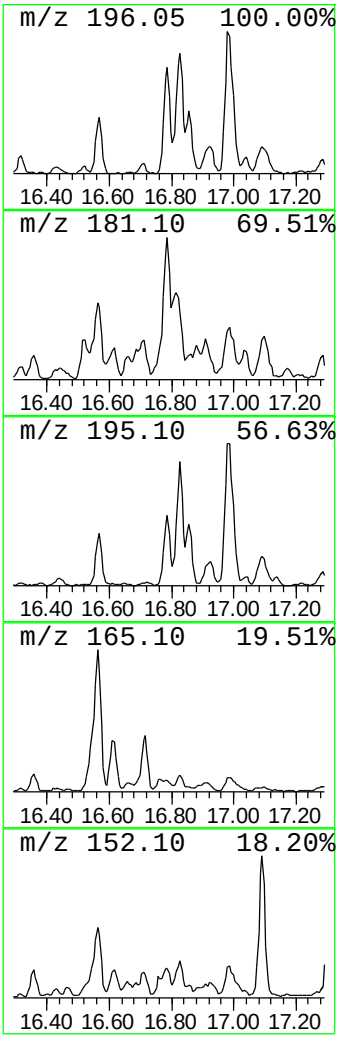
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Phenol, 3-(2-phenylethenyl)... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.79 | 19.70 ng/ul | 2196060 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 017861-18-6 | 58 |
| 2 | Perimidine, 2-ethyl- | 196 | C13H12N2 | 028478-13-9 | 49 |
| 3 | 9H-Fluorene-2,7-diamine | 196 | C13H12N2 | 000525-64-4 | 49 |
| 4 | Methanone, diphenyl-, hydrazone | 196 | C13H12N2 | 005350-57-2 | 49 |
| 5 | Benzaldehyde, 3,4,5-trimethoxy- | 196 | C10H12O4 | 000086-81-7 | 47 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

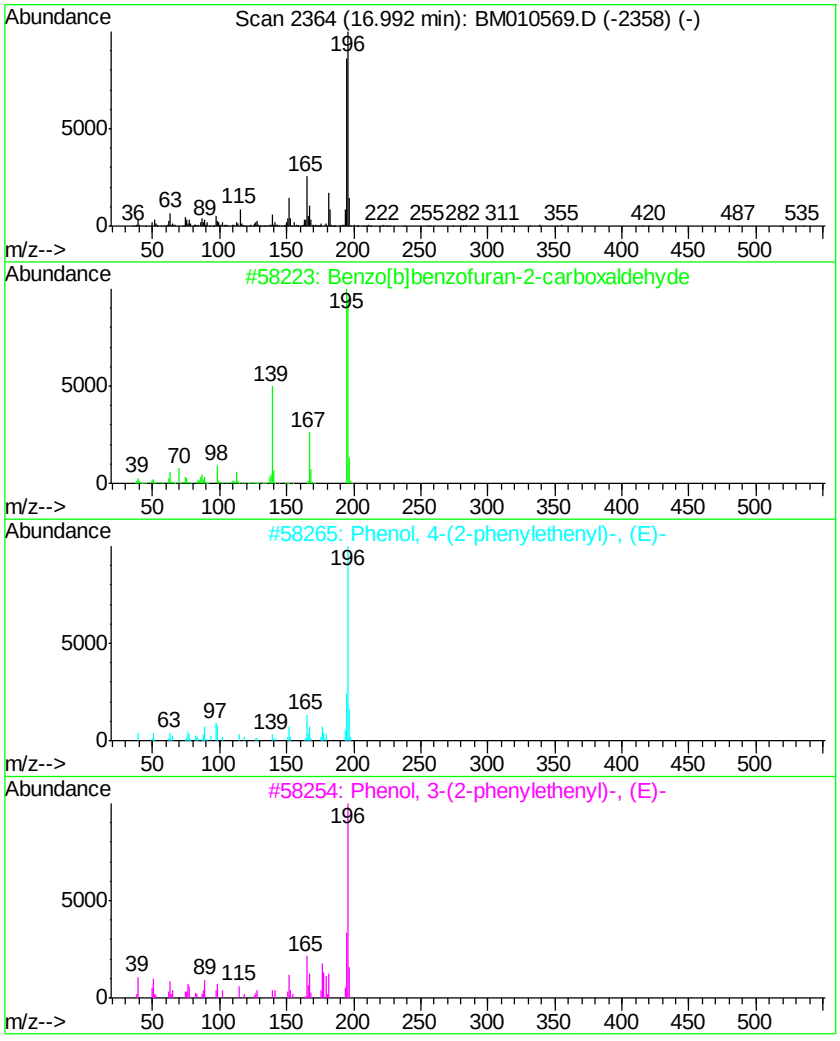
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

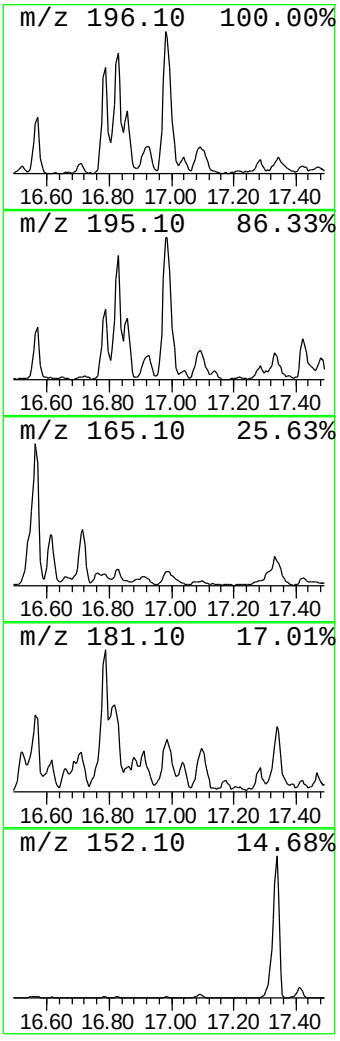
**********

Peak Number 11 Benzo[b]benzofuran-2-carbox... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.99 | 19.49 ng/ul | 2173090 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]benzofuran-2-carboxaldehyde | 196 | C13H8O2 | 1000351-56-0 | 64 |
| 2 | Phenol, 4-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 006554-98-9 | 58 |
| 3 | Phenol, 3-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 017861-18-6 | 58 |
| 4 | 5,7-Dimethylpyrimido-[3,4-a]-indole | 196 | C13H12N2 | 038349-21-2 | 53 |
| 5 | Naphtho[2,1-b]furan, 1,2-dimethyl- | 196 | C14H12O | 129812-23-3 | 52 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

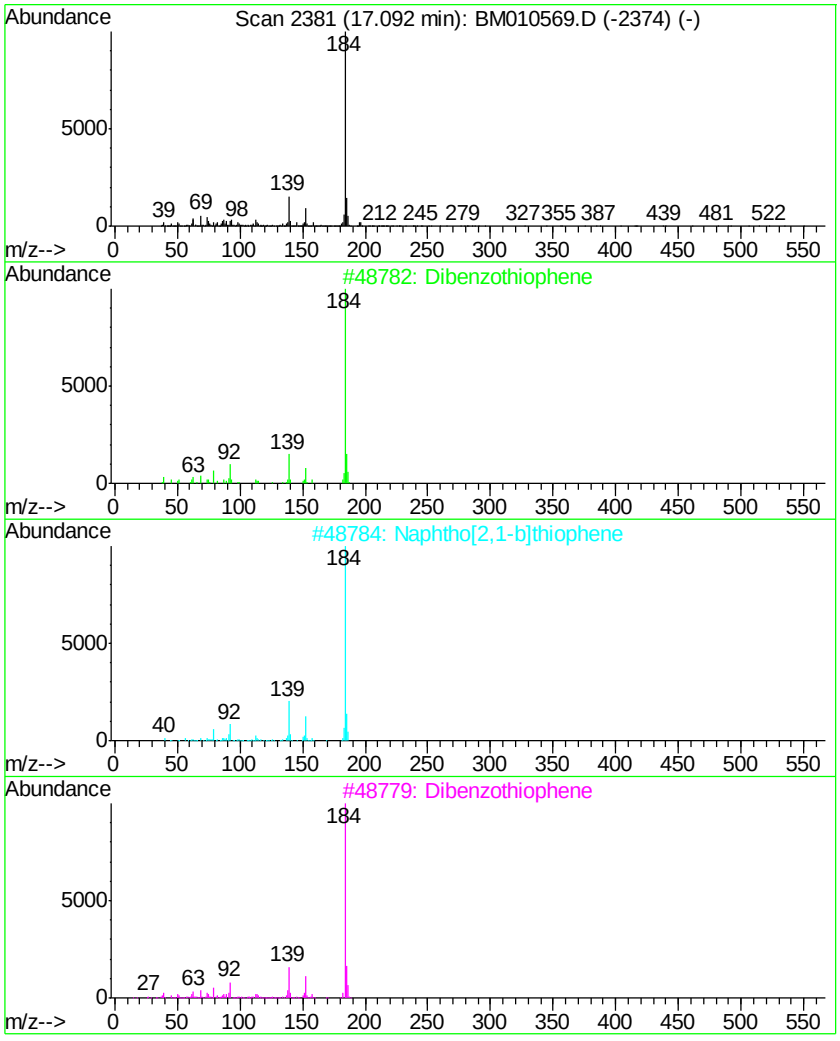
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

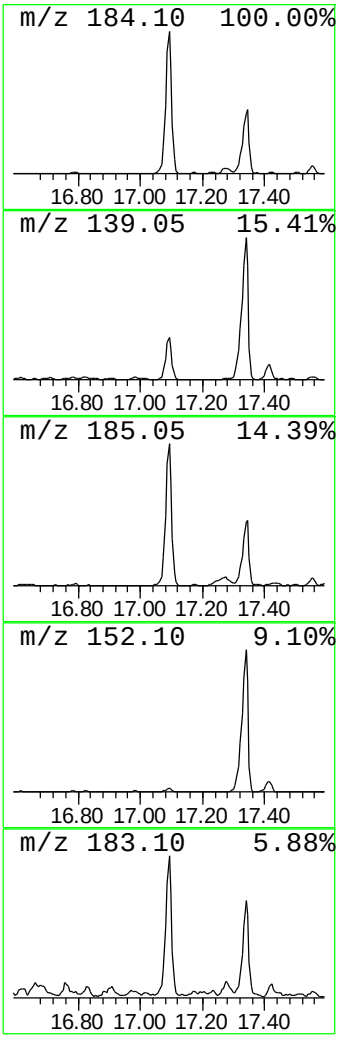
**********

Peak Number 12 Dibenzothiophene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.09 | 74.26 ng/ul | 8279030 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 94 |
| 2 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 94 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 5 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 93 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

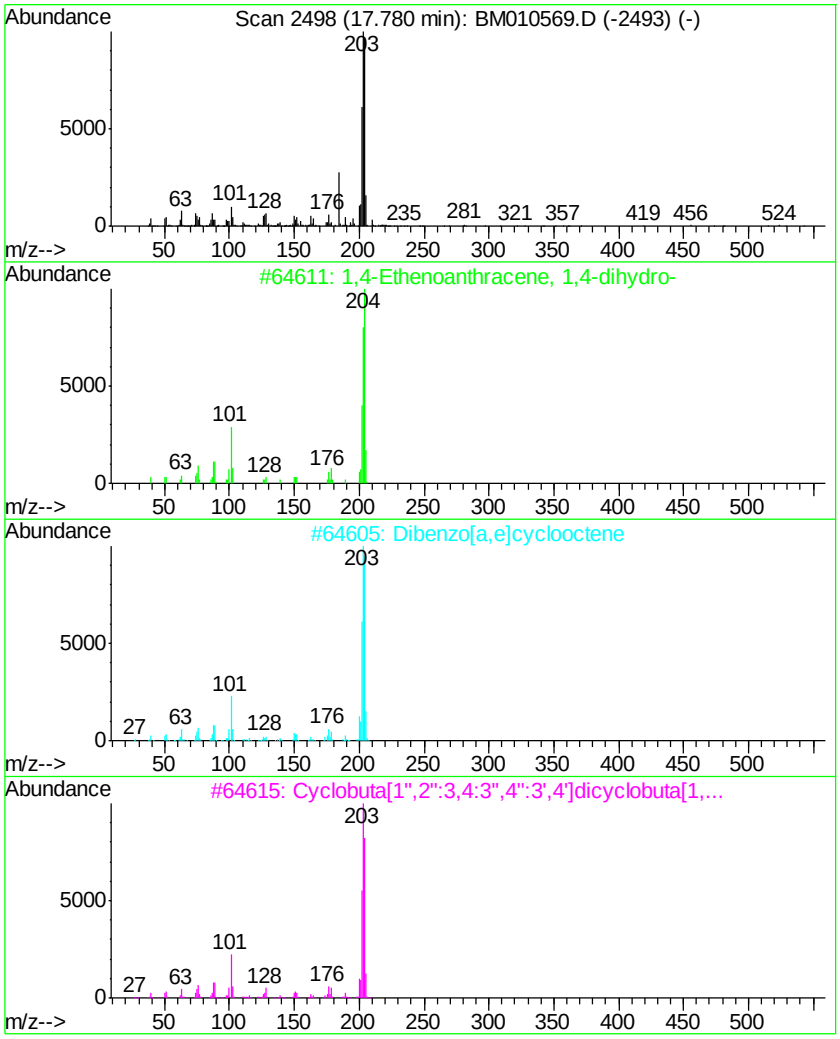
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

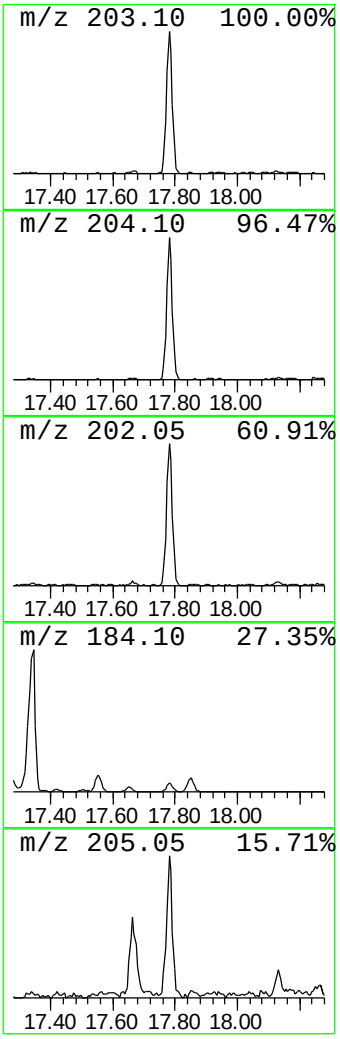
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 1,4-Ethenoanthracene, 1,4-d... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.78 | 20.49 ng/ul | 2284430 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Ethenoanthracene, 1,4-dihydro- | 204 | C16H12 | 027765-96-4 | 89 |
| 2 | Dibenzo[a,e]cyclooctene | 204 | C16H12 | 000262-89-5 | 86 |
| 3 | Cyclobuta[1'',2'':3,4:3'',4'':3'... | 204 | C16H12 | 006574-36-3 | 86 |
| 4 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 64 |
| 5 | Anthracene, 9-ethenyl- | 204 | C16H12 | 002444-68-0 | 62 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

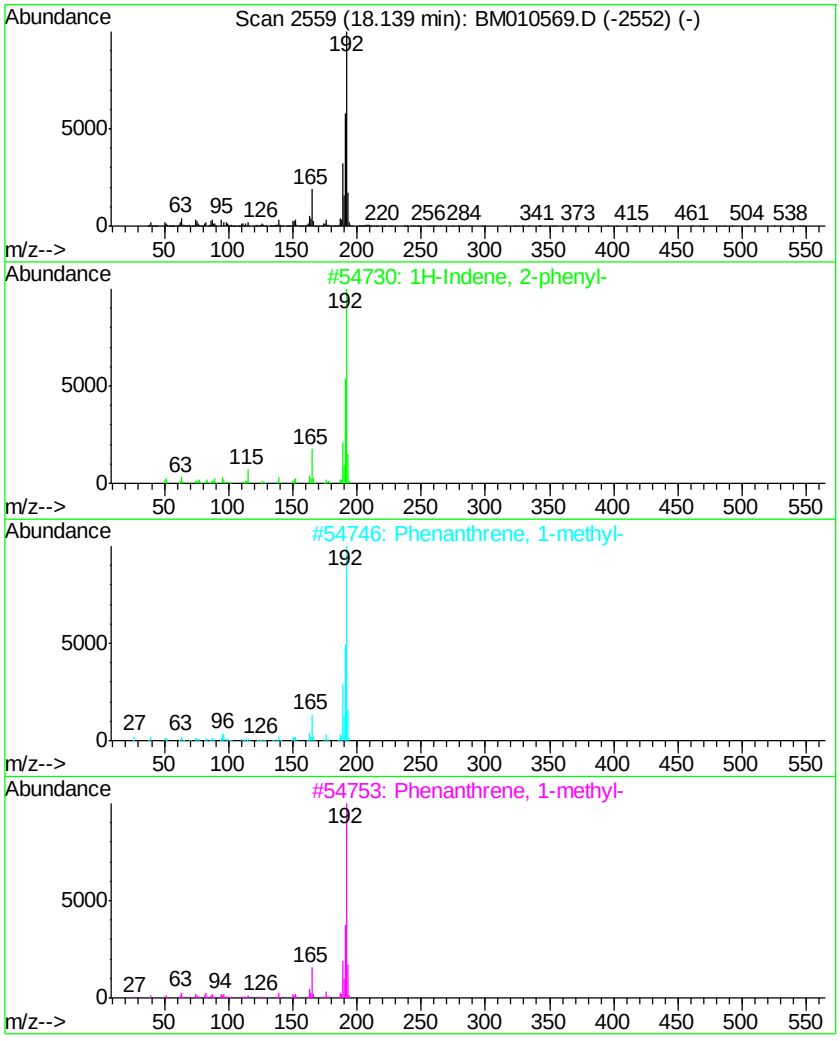
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

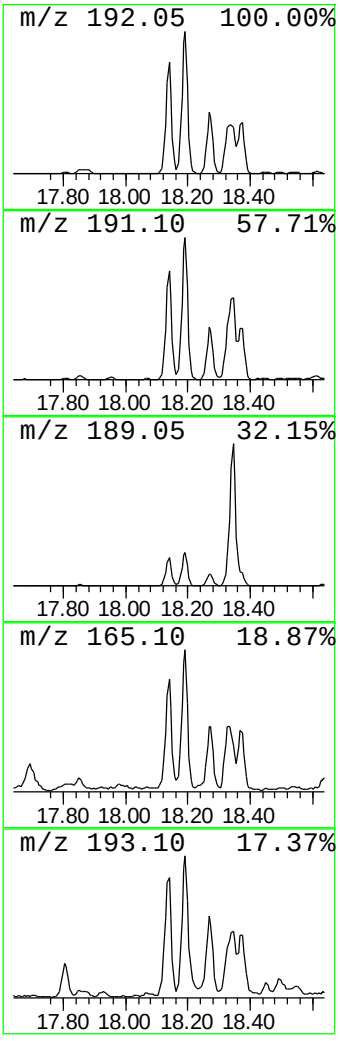
**********

Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.14 | 68.00 ng/ul | 7580100 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |



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Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

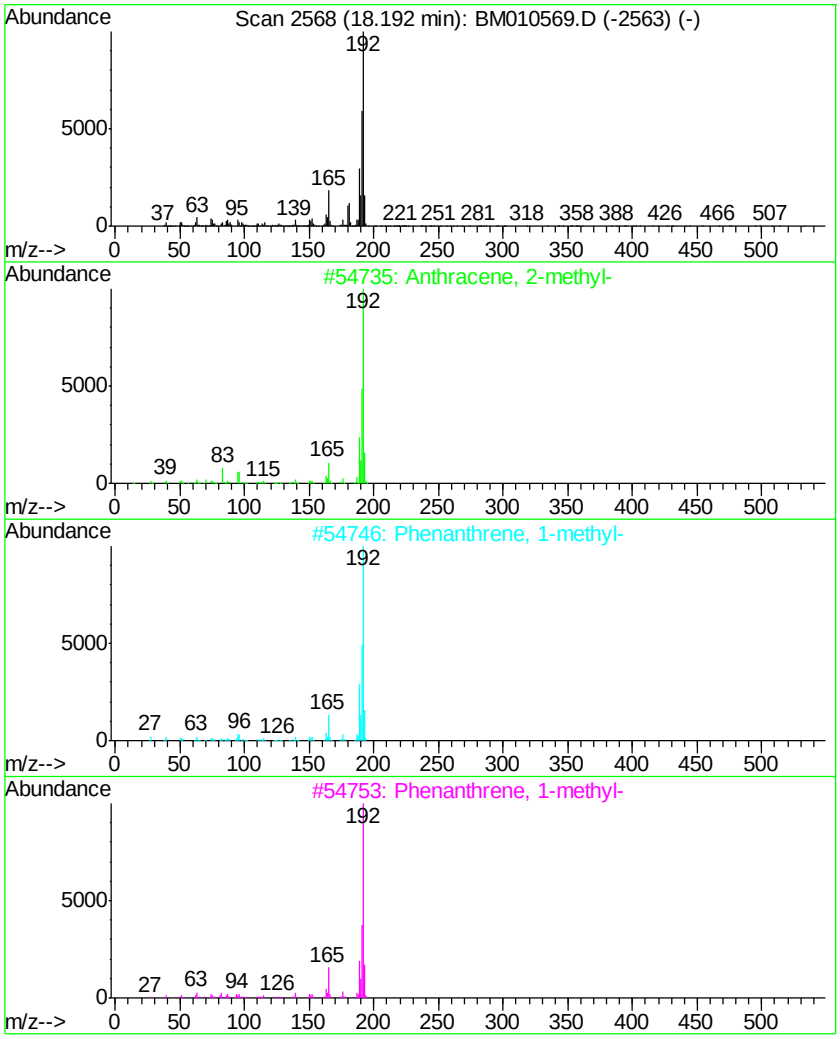
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

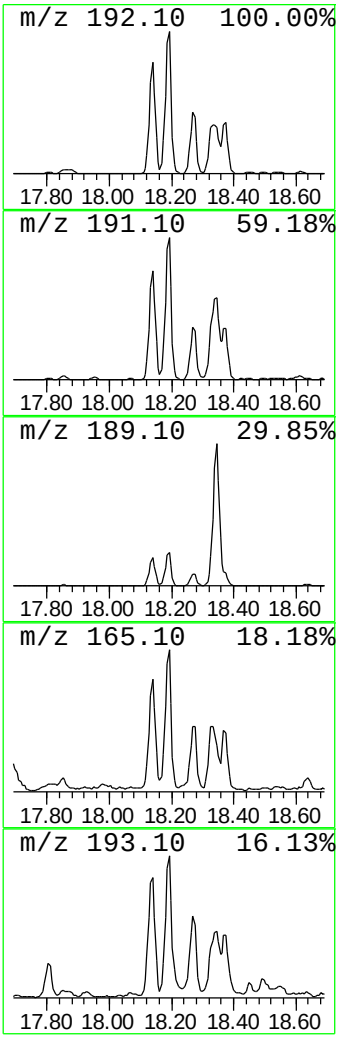
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.19 | 91.94 ng/ul | 10249900 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 94 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

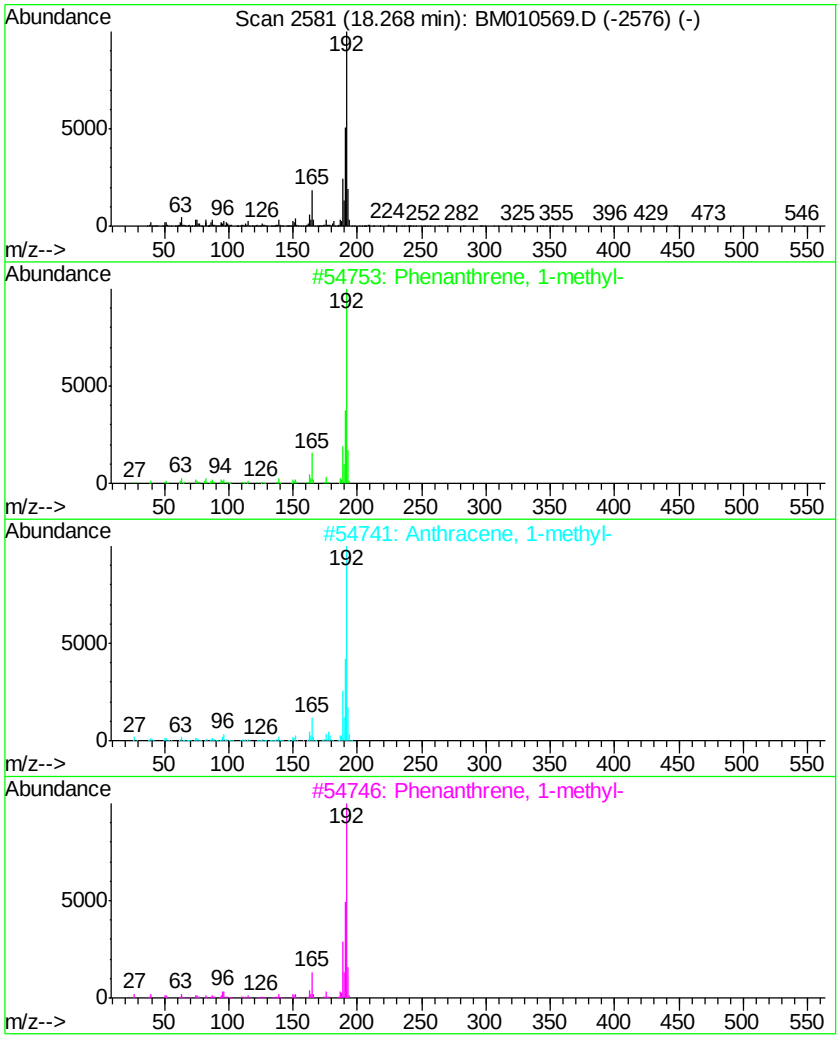
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

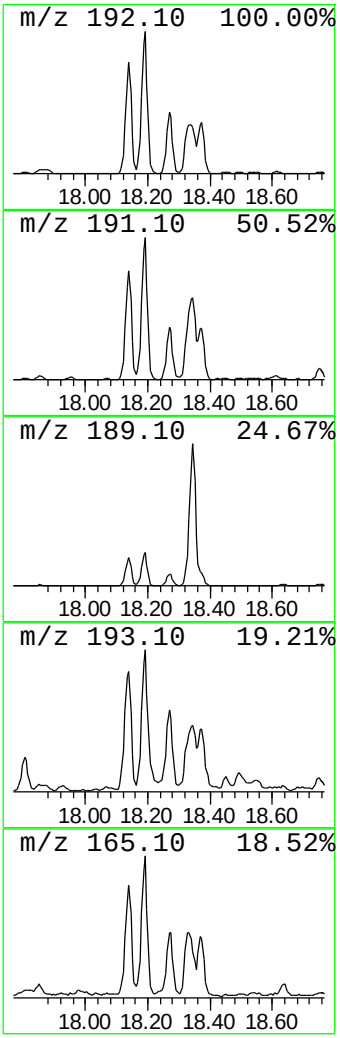
**********

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.27 | 36.28 ng/ul | 4044780 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

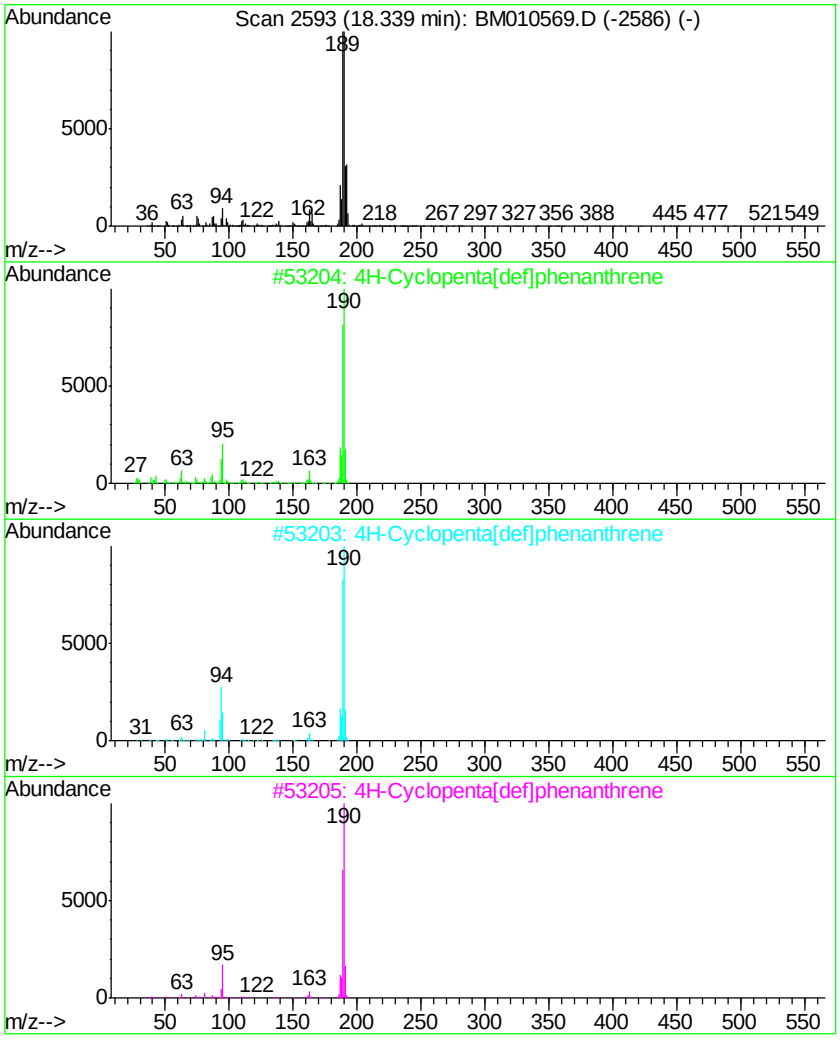
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

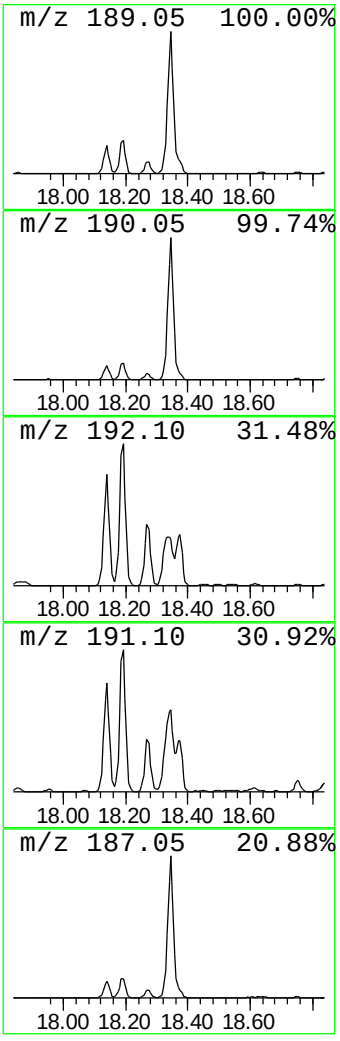
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.34 | 146.72 ng/ul | 16356200 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 95 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 74 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 72 |
| 4 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 33 |
| 5 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 27 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

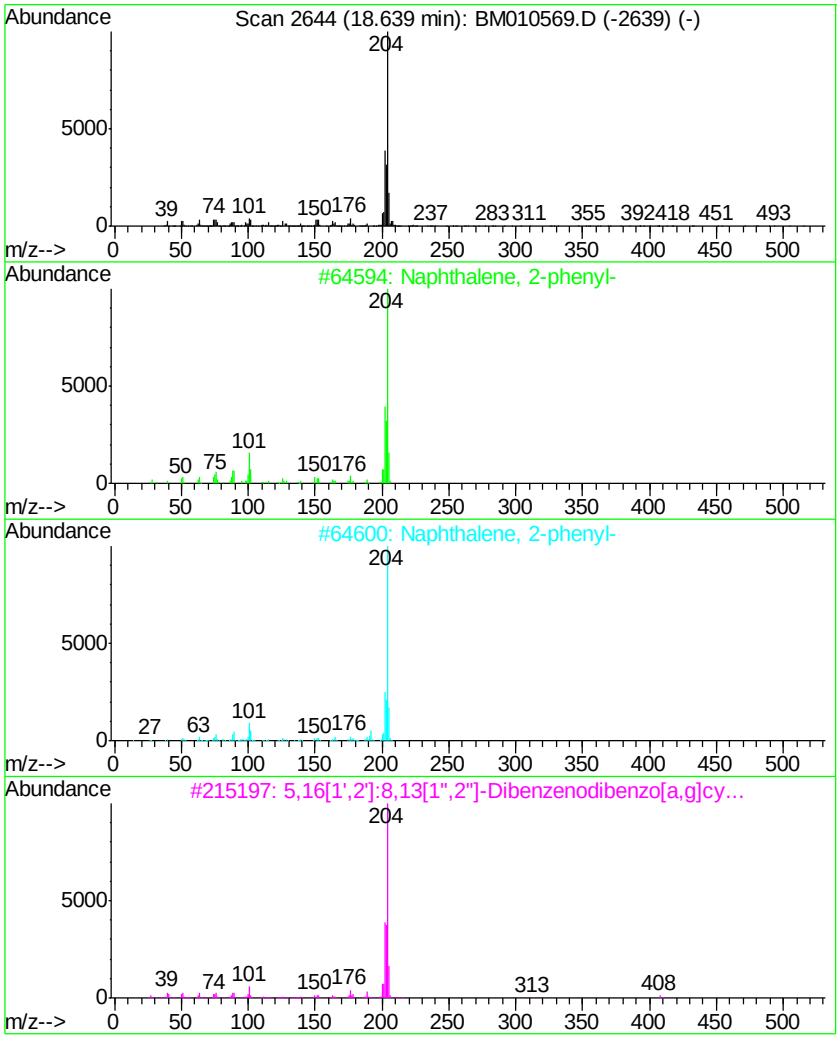
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

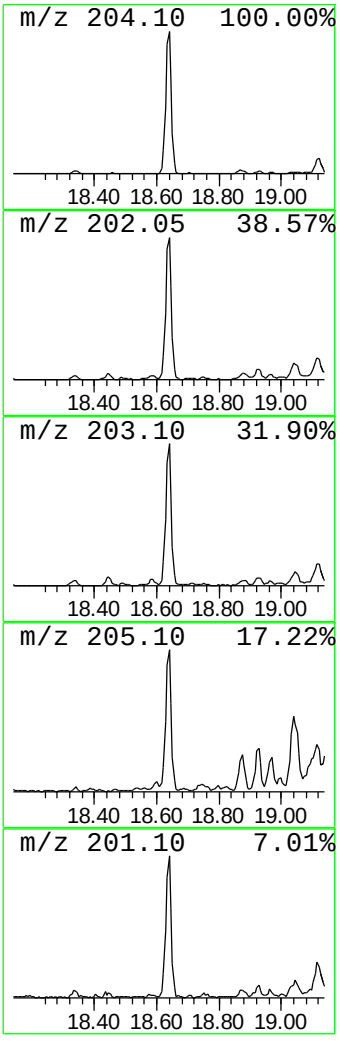
**********

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.64 | 45.88 ng/ul | 5114970 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 76 |
| 3 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 74 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 64 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

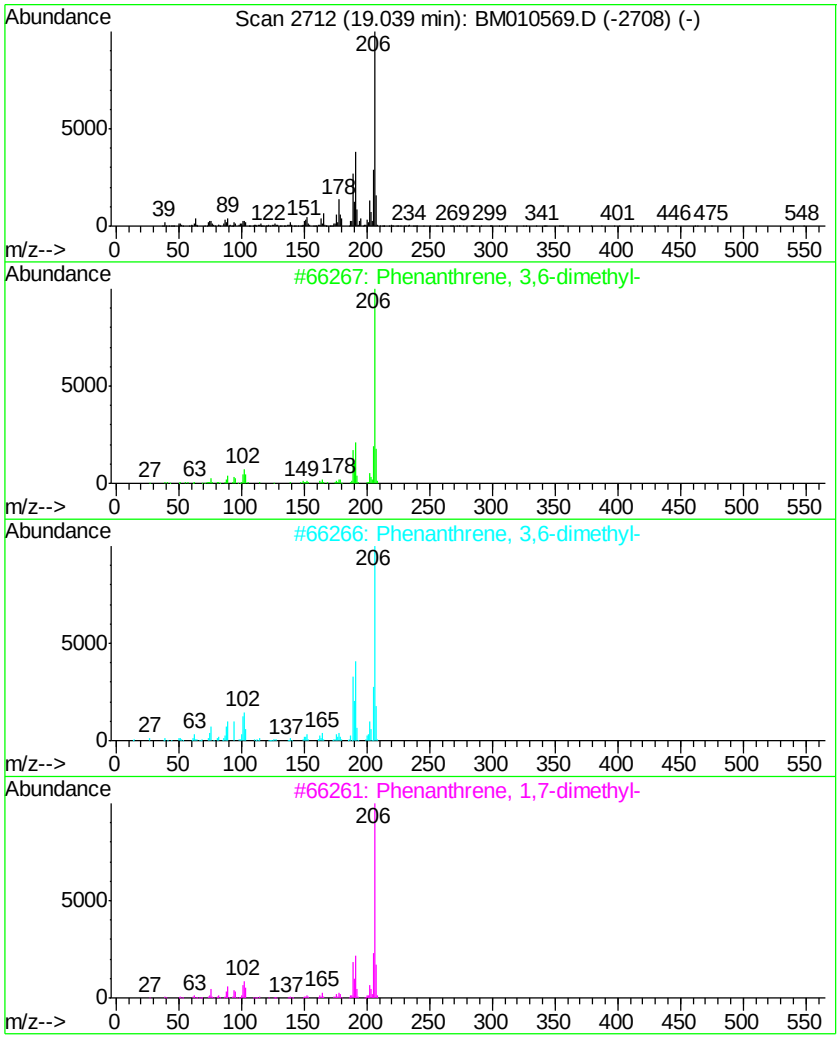
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

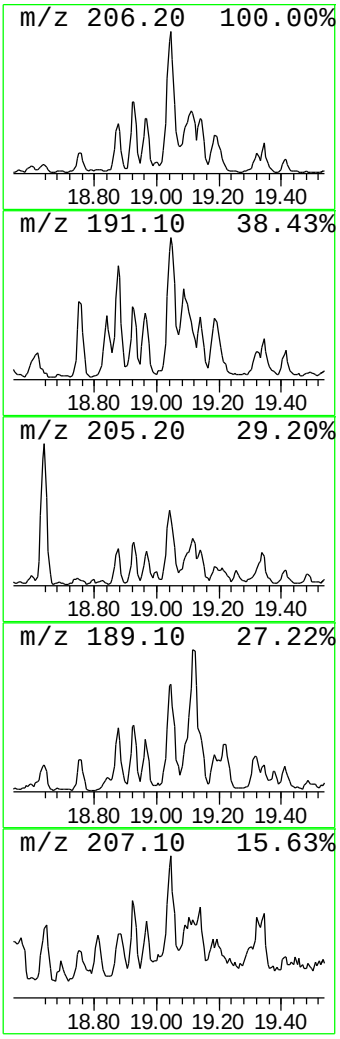
**********

Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.04 | 21.58 ng/ul | 2405380 | Phenanthrene-d10 | 17.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |
| 3 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 87 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 87 |
| 5 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 87 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

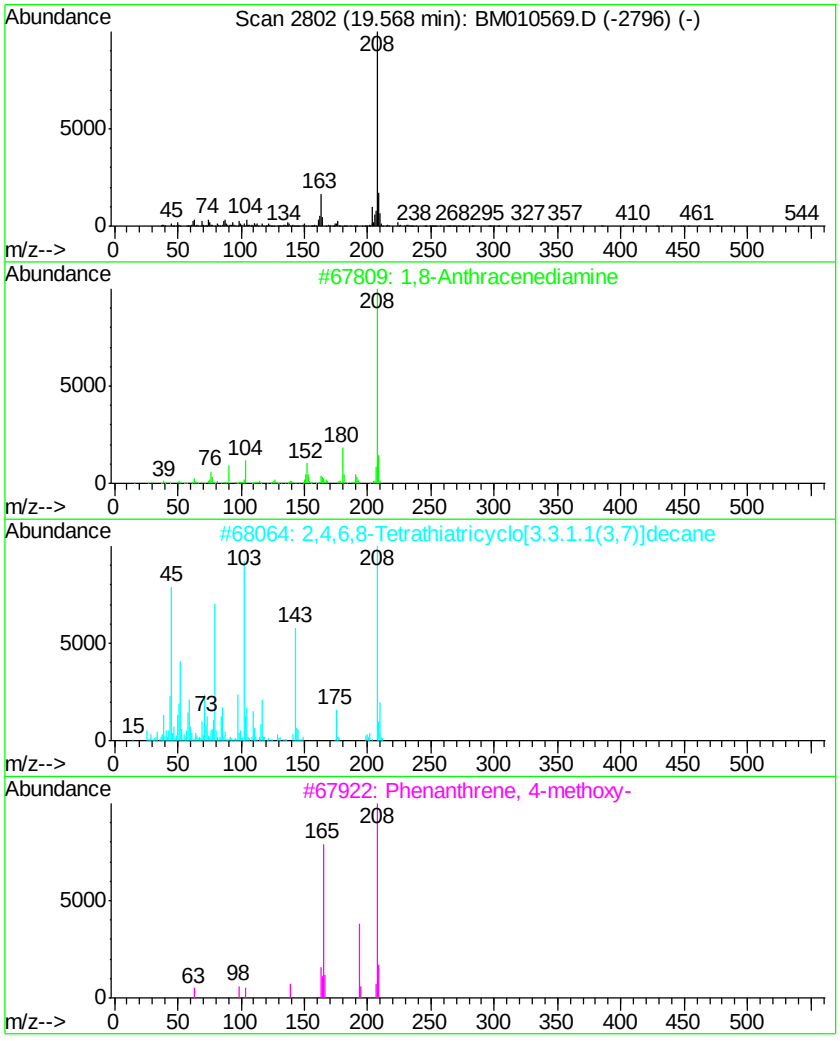
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

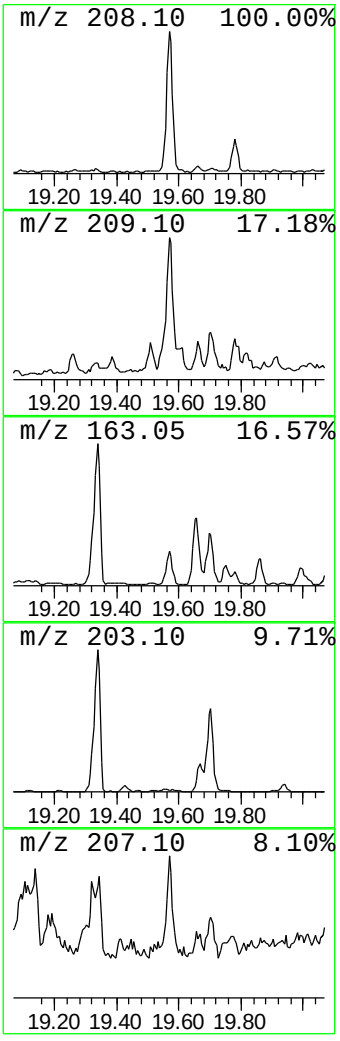
**********

Peak Number 20 1,8-Anthracenediamine Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.57 | 2.25 ng/ul | 3123870 | Chrysene-d12 | 21.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,8-Anthracenediamine | 208 | C14H12N2 | 139312-39-3 | 64 |
| 2 | 2,4,6,8-Tetrathiatricyclo[3.3.1.... | 208 | C6H8S4 | 000281-38-9 | 58 |
| 3 | Phenanthrene, 4-methoxy- | 208 | C15H12O | 015638-06-9 | 58 |
| 4 | Phenaleno[1,9-bc]thiophene | 208 | C14H8S | 079965-99-4 | 53 |
| 5 | Benzene, 1,1'-(2-methyl-2-propen... | 208 | C16H16 | 070813-56-8 | 53 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

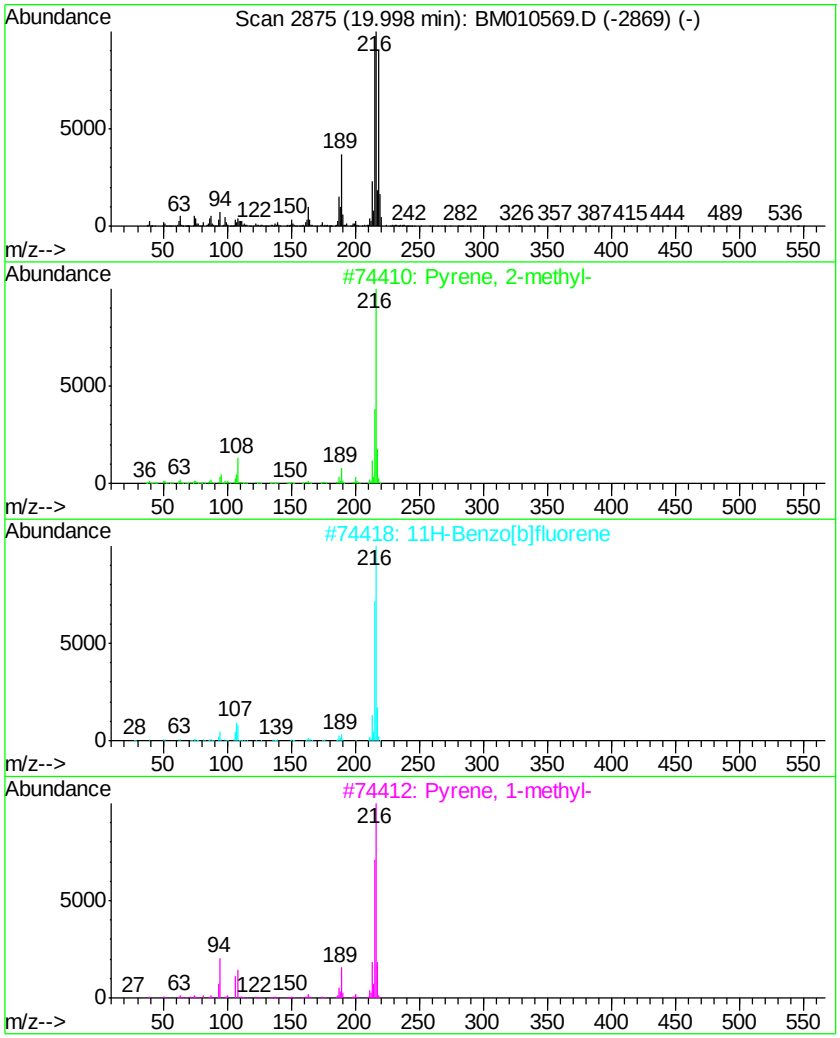
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

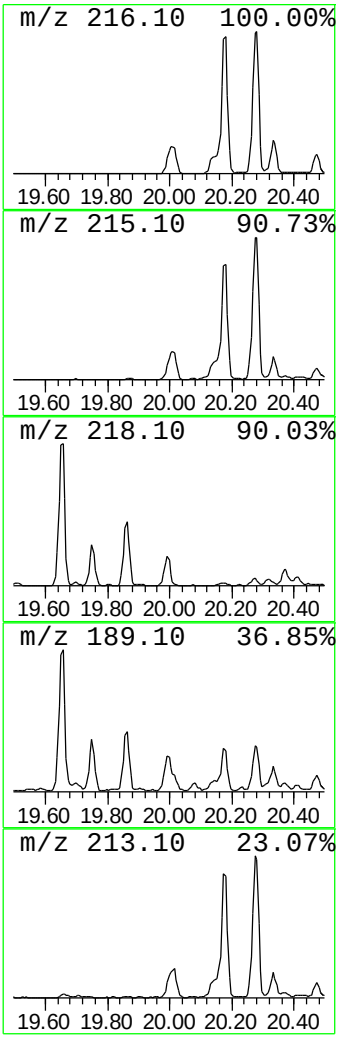
**********

Peak Number 21 Pyrene, 2-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.00 | 3.45 ng/ul | 4801850 | Chrysene-d12 | 21.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 70 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 64 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 64 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 64 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 64 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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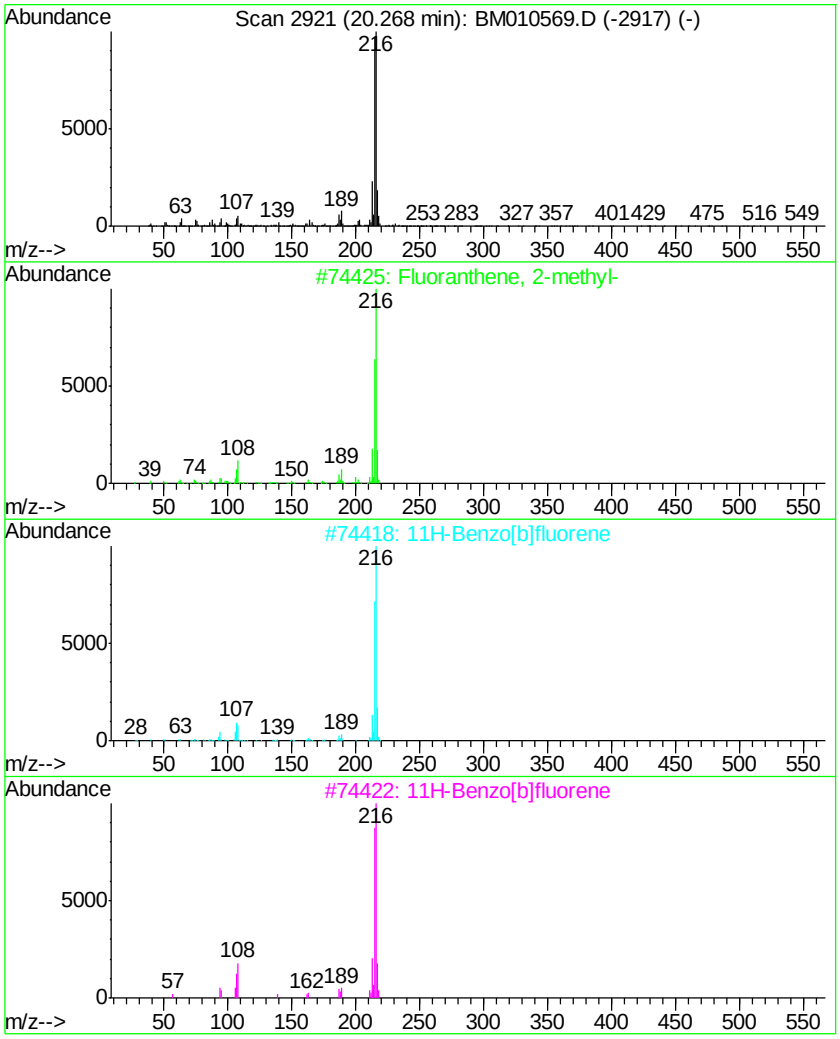
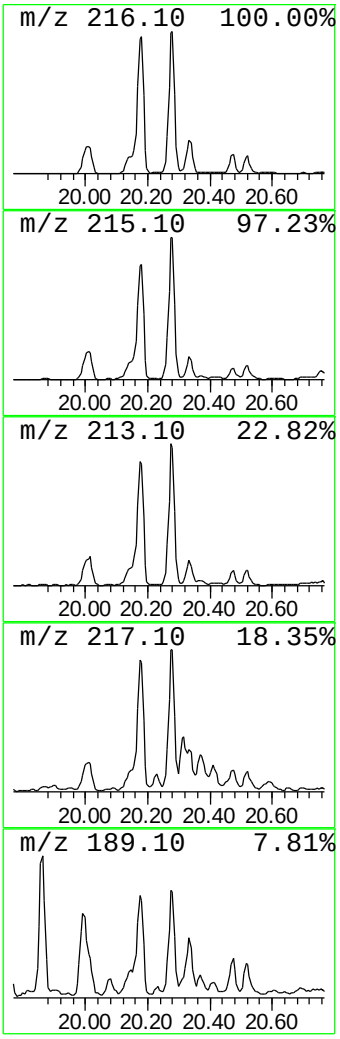
Peak Number 23 Fluoranthene, 2-methyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.27 | 7.59 ng/ul | 10547500 | Chrysene-d12 | 21.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 94 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 94 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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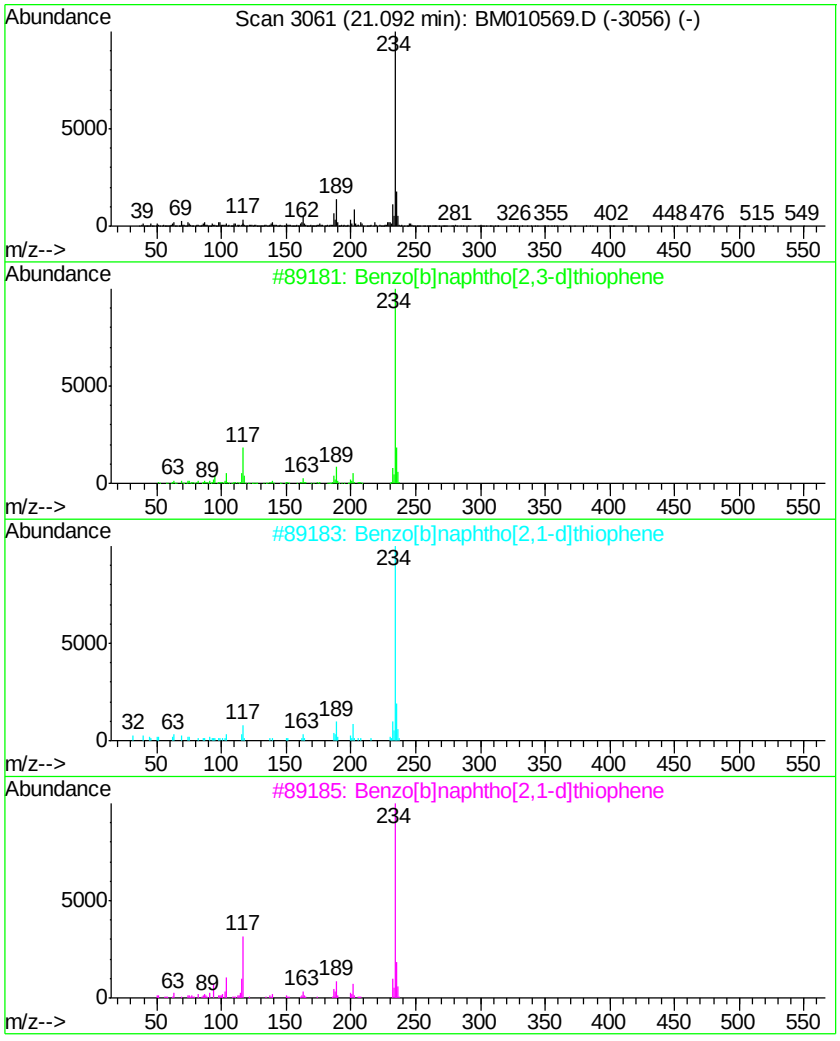
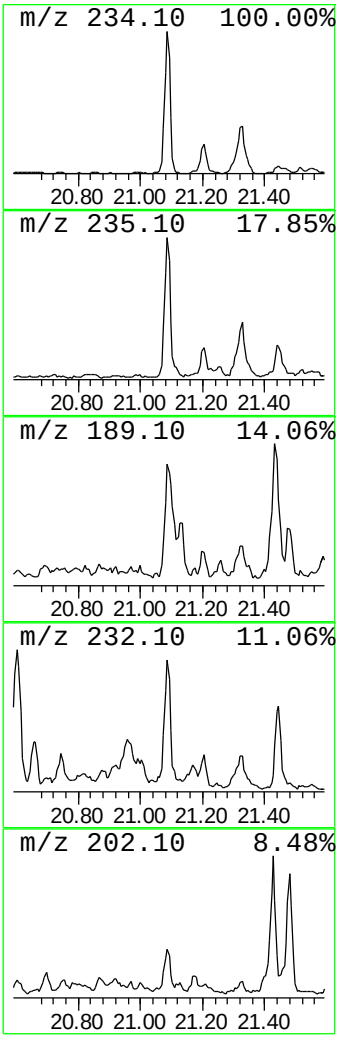
Peak Number 24 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.09 | 2.17 ng/ul | 3019410 | Chrysene-d12 | 21.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]naphtho[2,3-d]thiophene | 234 | C16H10S | 000243-46-9 | 94 |
| 2 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 94 |
| 3 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 94 |
| 4 | Benzo[b]naphtho[1,2-d]thiophene | 234 | C16H10S | 000205-43-6 | 93 |
| 5 | Anthra(1,2-b)thiophene | 234 | C16H10S | 000227-86-1 | 93 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

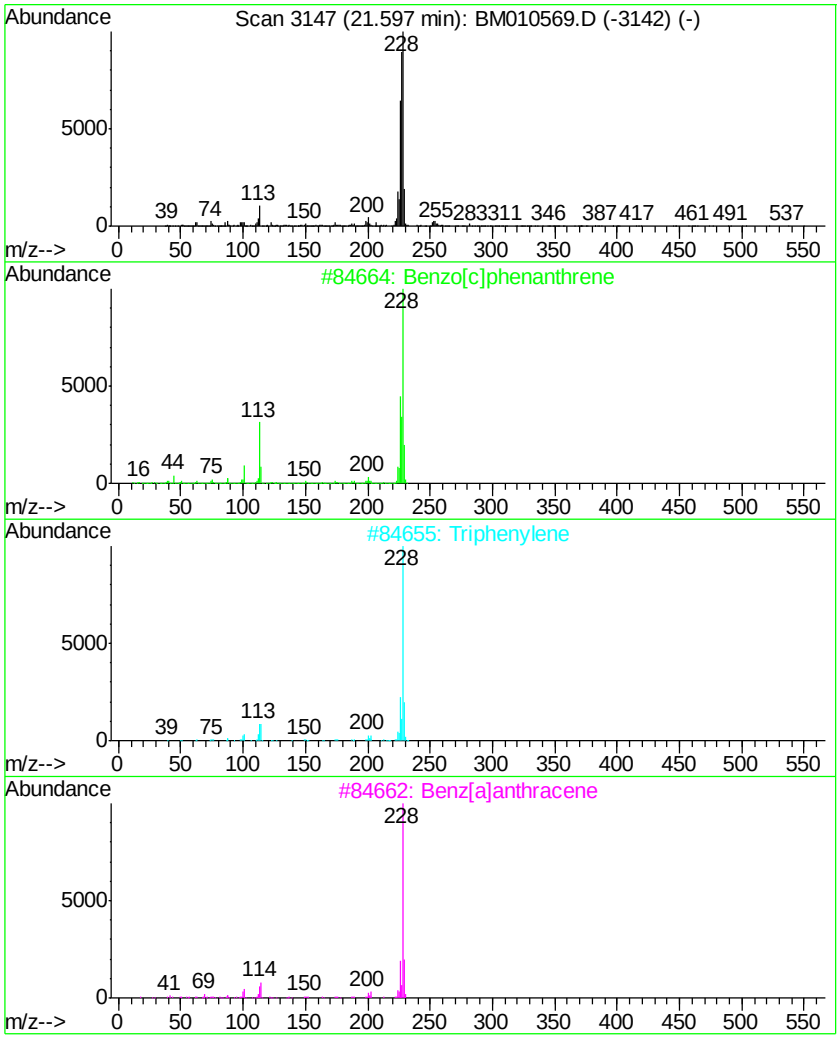
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

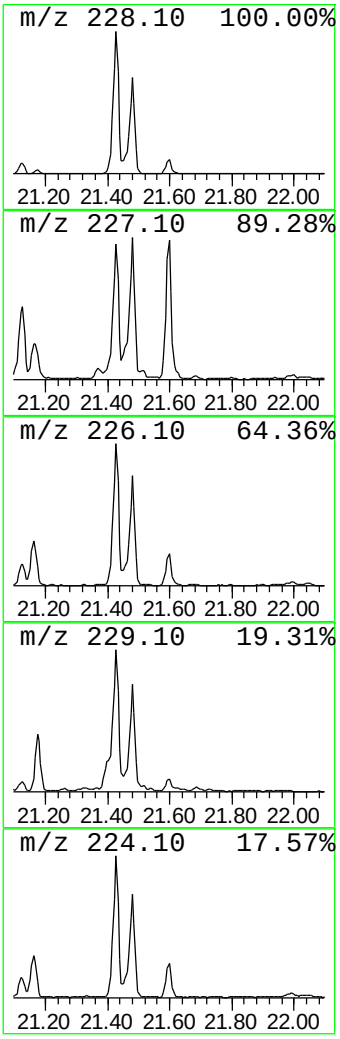
**********

Peak Number 25 Benzo[c]phenanthrene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.60 | 2.41 ng/ul | 3346900 | Chrysene-d12 | 21.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 50 |
| 2 | Triphenylene | 228 | C18H12 | 000217-59-4 | 43 |
| 3 | Benz[a]anthracene | 228 | C18H12 | 000056-55-3 | 38 |
| 4 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 38 |
| 5 | Benz[a]anthracene | 228 | C18H12 | 000056-55-3 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F5D33

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Indene | 8.41 | 20.0 | ng/ul | 2380600 | 1 | 7.88 | 2380600 | 20.0 |
| Naphthalene, 1-me... | 12.57 | 2.0 | ng/ul | 20404100 | 2 | 10.69 | 200476000 | 20.0 |
| Naphthalene, 1-et... | 13.54 | 20.0 | ng/ul | 3107240 | 3 | 14.52 | 3111580 | 20.0 |
| Naphthalene, 2,7-... | 13.83 | 50.1 | ng/ul | 7801020 | 3 | 14.52 | 3111580 | 20.0 |
| Naphthalene, 1,3-... | 14.07 | 18.4 | ng/ul | 2862830 | 3 | 14.52 | 3111580 | 20.0 |
| 1,1'-Biphenyl, 2-... | 15.73 | 21.1 | ng/ul | 3278950 | 3 | 14.52 | 3111580 | 20.0 |
| Dibenzofuran, 4-m... | 16.00 | 70.2 | ng/ul | 7823310 | 4 | 17.27 | 2229600 | 20.0 |
| 9H-Fluorene, 2-me... | 16.56 | 56.7 | ng/ul | 6319600 | 4 | 17.27 | 2229600 | 20.0 |
| Phenol, 3-(2-phen... | 16.79 | 19.7 | ng/ul | 2196060 | 4 | 17.27 | 2229600 | 20.0 |
| Benzo[b]benzofura... | 16.99 | 19.5 | ng/ul | 2173090 | 4 | 17.27 | 2229600 | 20.0 |
| Dibenzothiophene | 17.09 | 74.3 | ng/ul | 8279030 | 4 | 17.27 | 2229600 | 20.0 |
| 1,4-Ethenoanthrac... | 17.78 | 20.5 | ng/ul | 2284430 | 4 | 17.27 | 2229600 | 20.0 |
| 1H-Indene, 2-phenyl- | 18.14 | 68.0 | ng/ul | 7580100 | 4 | 17.27 | 2229600 | 20.0 |
| Anthracene, 2-met... | 18.19 | 91.9 | ng/ul | 10249900 | 4 | 17.27 | 2229600 | 20.0 |
| Phenanthrene, 1-m... | 18.27 | 36.3 | ng/ul | 4044780 | 4 | 17.27 | 2229600 | 20.0 |
| 4H-Cyclopenta[def... | 18.34 | 146.7 | ng/ul | 16356200 | 4 | 17.27 | 2229600 | 20.0 |
| Naphthalene, 2-ph... | 18.64 | 45.9 | ng/ul | 5114970 | 4 | 17.27 | 2229600 | 20.0 |
| Phenanthrene, 3,6... | 19.04 | 21.6 | ng/ul | 2405380 | 4 | 17.27 | 2229600 | 20.0 |
| 1,8-Anthracenedia... | 19.57 | 2.3 | ng/ul | 3123870 | 5 | 21.44 | 27809100 | 20.0 |
| Pyrene, 2-methyl- | 20.00 | 3.5 | ng/ul | 4801850 | 5 | 21.44 | 27809100 | 20.0 |
| Fluoranthene, 2-m... | 20.27 | 7.6 | ng/ul | 10547500 | 5 | 21.44 | 27809100 | 20.0 |
| Benzo[b]naphtho[2... | 21.09 | 2.2 | ng/ul | 3019410 | 5 | 21.44 | 27809100 | 20.0 |
| Benzo[c]phenanthrene | 21.60 | 2.4 | ng/ul | 3346900 | 5 | 21.44 | 27809100 | 20.0 |