LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042579.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.452 | 378 | 385 | 391 | rBV | 137029 | 209965 | 11.91% | 0.797% |
| 2 | 7.081 | 656 | 662 | 673 | rBV | 123734 | 213485 | 12.11% | 0.810% |
| 3 | 7.916 | 795 | 804 | 814 | rBV | 219566 | 357276 | 20.27% | 1.356% |
| 4 | 8.445 | 886 | 894 | 900 | rBV | 24578 | 43213 | 2.45% | 0.164% |
| 5 | 9.116 | 1002 | 1008 | 1015 | rBV | 75176 | 121466 | 6.89% | 0.461% |
| 6 | 10.734 | 1277 | 1283 | 1288 | rBV | 274958 | 456470 | 25.90% | 1.733% |
| 7 | 10.786 | 1288 | 1292 | 1302 | rVB | 165747 | 271909 | 15.43% | 1.032% |
| 8 | 10.916 | 1307 | 1314 | 1319 | rVB2 | 17359 | 29722 | 1.69% | 0.113% |
| 9 | 12.069 | 1504 | 1510 | 1516 | rBV | 22069 | 32438 | 1.84% | 0.123% |
| 10 | 12.286 | 1544 | 1547 | 1555 | rVB2 | 17868 | 29982 | 1.70% | 0.114% |
| 11 | 12.392 | 1559 | 1565 | 1573 | rVV | 117147 | 179884 | 10.21% | 0.683% |
| 12 | 12.610 | 1593 | 1602 | 1609 | rBV | 241936 | 389341 | 22.09% | 1.478% |
| 13 | 13.186 | 1694 | 1700 | 1706 | rBV | 221735 | 305708 | 17.35% | 1.160% |
| 14 | 13.316 | 1718 | 1722 | 1731 | rVB | 28663 | 42023 | 2.38% | 0.160% |
| 15 | 13.404 | 1731 | 1737 | 1744 | rVB | 41230 | 66573 | 3.78% | 0.253% |
| 16 | 13.592 | 1765 | 1769 | 1772 | rBV | 29009 | 45984 | 2.61% | 0.175% |
| 17 | 13.722 | 1784 | 1791 | 1801 | rBV2 | 80572 | 213588 | 12.12% | 0.811% |
| 18 | 13.804 | 1801 | 1805 | 1811 | rBV | 26915 | 40435 | 2.29% | 0.153% |
| 19 | 13.880 | 1811 | 1818 | 1823 | rBV | 153393 | 270618 | 15.36% | 1.027% |
| 20 | 13.933 | 1823 | 1827 | 1831 | rBV | 50157 | 76155 | 4.32% | 0.289% |
| 21 | 14.022 | 1837 | 1842 | 1850 | rVB | 49392 | 77372 | 4.39% | 0.294% |
| 22 | 14.116 | 1850 | 1858 | 1862 | rBV | 74153 | 117363 | 6.66% | 0.445% |
| 23 | 14.151 | 1862 | 1864 | 1868 | rVB | 28058 | 29953 | 1.70% | 0.114% |
| 24 | 14.298 | 1882 | 1889 | 1900 | rBV | 233572 | 409377 | 23.23% | 1.554% |
| 25 | 14.392 | 1900 | 1905 | 1910 | rBV | 31110 | 39677 | 2.25% | 0.151% |
| 26 | 14.569 | 1930 | 1935 | 1941 | rVV | 388725 | 552299 | 31.34% | 2.096% |
| 27 | 14.633 | 1941 | 1946 | 1952 | rVB2 | 72491 | 111358 | 6.32% | 0.423% |
| 28 | 14.769 | 1962 | 1969 | 1975 | rBV3 | 36094 | 83142 | 4.72% | 0.316% |
| 29 | 14.945 | 1992 | 1999 | 2007 | rVB4 | 59393 | 140750 | 7.99% | 0.534% |
| 30 | 15.027 | 2007 | 2013 | 2018 | rVB | 45059 | 74748 | 4.24% | 0.284% |
| 31 | 15.163 | 2030 | 2036 | 2041 | rBV2 | 66677 | 121909 | 6.92% | 0.463% |
| 32 | 15.221 | 2041 | 2046 | 2050 | rVB2 | 46403 | 63286 | 3.59% | 0.240% |
| 33 | 15.339 | 2058 | 2066 | 2070 | rBV3 | 58069 | 109033 | 6.19% | 0.414% |
| 34 | 15.374 | 2070 | 2072 | 2078 | rVB2 | 23787 | 29018 | 1.65% | 0.110% |
| 35 | 15.439 | 2078 | 2083 | 2087 | rBV | 47339 | 72867 | 4.13% | 0.277% |
| 36 | 15.504 | 2087 | 2094 | 2099 | rVB4 | 14894 | 35015 | 1.99% | 0.133% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.557 | 2099 | 2103 | 2106 | rBV | 34698 | 47605 | 2.70% | 0.181% |
| 38 | 15.616 | 2107 | 2113 | 2124 | rVB | 188116 | 335465 | 19.04% | 1.273% |
| 39 | 15.733 | 2130 | 2133 | 2142 | rVB5 | 33127 | 71538 | 4.06% | 0.272% |
| 40 | 15.898 | 2158 | 2161 | 2166 | rVB2 | 33018 | 48596 | 2.76% | 0.184% |
| 41 | 15.957 | 2166 | 2171 | 2176 | rVB3 | 22589 | 44369 | 2.52% | 0.168% |
| 42 | 16.063 | 2176 | 2189 | 2194 | rBV3 | 172189 | 339875 | 19.29% | 1.290% |
| 43 | 16.210 | 2208 | 2214 | 2219 | rBV2 | 63350 | 112031 | 6.36% | 0.425% |
| 44 | 16.263 | 2220 | 2223 | 2229 | rVB4 | 25106 | 42581 | 2.42% | 0.162% |
| 45 | 16.610 | 2274 | 2282 | 2287 | rBV2 | 70716 | 151691 | 8.61% | 0.576% |
| 46 | 16.663 | 2287 | 2291 | 2296 | rBV2 | 50297 | 75500 | 4.28% | 0.287% |
| 47 | 16.763 | 2303 | 2308 | 2313 | rBV | 43317 | 76386 | 4.33% | 0.290% |
| 48 | 16.827 | 2313 | 2319 | 2322 | rBV7 | 13956 | 29806 | 1.69% | 0.113% |
| 49 | 16.974 | 2339 | 2344 | 2345 | rBV5 | 19433 | 32164 | 1.83% | 0.122% |
| 50 | 16.998 | 2345 | 2348 | 2351 | rVV | 58160 | 70680 | 4.01% | 0.268% |
| 51 | 17.039 | 2351 | 2355 | 2359 | rVB3 | 38809 | 58329 | 3.31% | 0.221% |
| 52 | 17.139 | 2367 | 2372 | 2380 | rVB | 150771 | 216839 | 12.30% | 0.823% |
| 53 | 17.321 | 2397 | 2403 | 2406 | rBV | 466678 | 659558 | 37.43% | 2.504% |
| 54 | 17.363 | 2406 | 2410 | 2419 | rVB | 937693 | 1249321 | 70.89% | 4.742% |
| 55 | 17.457 | 2420 | 2426 | 2431 | rBV | 275585 | 425018 | 24.12% | 1.613% |
| 56 | 17.739 | 2470 | 2474 | 2479 | rVB | 90724 | 110092 | 6.25% | 0.418% |
| 57 | 17.833 | 2486 | 2490 | 2496 | rBV | 44820 | 64882 | 3.68% | 0.246% |
| 58 | 17.898 | 2496 | 2501 | 2510 | rVB | 118391 | 189318 | 10.74% | 0.719% |
| 59 | 18.045 | 2520 | 2526 | 2531 | rVB | 76083 | 156968 | 8.91% | 0.596% |
| 60 | 18.186 | 2542 | 2550 | 2555 | rVV2 | 249762 | 536851 | 30.46% | 2.038% |
| 61 | 18.239 | 2555 | 2559 | 2565 | rVV | 257046 | 377284 | 21.41% | 1.432% |
| 62 | 18.321 | 2569 | 2573 | 2577 | rVV | 114408 | 160907 | 9.13% | 0.611% |
| 63 | 18.392 | 2578 | 2585 | 2588 | rVV2 | 329727 | 636265 | 36.11% | 2.415% |
| 64 | 18.427 | 2588 | 2591 | 2597 | rVB2 | 185759 | 273672 | 15.53% | 1.039% |
| 65 | 18.580 | 2615 | 2617 | 2622 | rVB | 40044 | 46921 | 2.66% | 0.178% |
| 66 | 18.692 | 2630 | 2636 | 2641 | rBV2 | 112966 | 219631 | 12.46% | 0.834% |
| 67 | 18.845 | 2659 | 2662 | 2668 | rBV3 | 31877 | 63861 | 3.62% | 0.242% |
| 68 | 18.904 | 2668 | 2672 | 2674 | rBV2 | 39316 | 50753 | 2.88% | 0.193% |
| 69 | 18.980 | 2682 | 2685 | 2688 | rVB | 60079 | 69986 | 3.97% | 0.266% |
| 70 | 19.021 | 2688 | 2692 | 2696 | rVB4 | 65971 | 83011 | 4.71% | 0.315% |
| 71 | 19.068 | 2697 | 2700 | 2702 | rBV | 68595 | 80918 | 4.59% | 0.307% |
| 72 | 19.098 | 2702 | 2705 | 2710 | rVB | 152081 | 205686 | 11.67% | 0.781% |
| 73 | 19.239 | 2726 | 2729 | 2730 | rBV2 | 35589 | 39301 | 2.23% | 0.149% |
| 74 | 19.380 | 2747 | 2753 | 2759 | rBV | 845468 | 1244680 | 70.63% | 4.724% |
| 75 | 19.527 | 2774 | 2778 | 2783 | rVB | 159514 | 201488 | 11.43% | 0.765% |
| 76 | 19.627 | 2792 | 2795 | 2797 | rBV | 67904 | 91768 | 5.21% | 0.348% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.704 | 2804 | 2808 | 2810 | rBV | 79285 | 126516 | 7.18% | 0.480% |
| 78 | 19.745 | 2810 | 2815 | 2821 | rVV | 1189371 | 1550629 | 87.99% | 5.886% |
| 79 | 19.804 | 2821 | 2825 | 2830 | rVB3 | 57185 | 93389 | 5.30% | 0.354% |
| 80 | 19.933 | 2842 | 2847 | 2851 | rBV | 361881 | 460604 | 26.14% | 1.748% |
| 81 | 20.068 | 2864 | 2870 | 2876 | rVB3 | 100617 | 217921 | 12.37% | 0.827% |
| 82 | 20.192 | 2887 | 2891 | 2894 | rBV5 | 107996 | 201597 | 11.44% | 0.765% |
| 83 | 20.233 | 2895 | 2898 | 2904 | rVB | 227460 | 310627 | 17.63% | 1.179% |
| 84 | 20.333 | 2911 | 2915 | 2919 | rBV | 205240 | 234275 | 13.29% | 0.889% |
| 85 | 20.392 | 2921 | 2925 | 2928 | rVV | 134548 | 157969 | 8.96% | 0.600% |
| 86 | 20.527 | 2945 | 2948 | 2952 | rBV | 140795 | 183592 | 10.42% | 0.697% |
| 87 | 20.574 | 2953 | 2956 | 2963 | rVB | 159347 | 226059 | 12.83% | 0.858% |
| 88 | 21.145 | 3050 | 3053 | 3057 | rBV | 211883 | 275068 | 15.61% | 1.044% |
| 89 | 21.227 | 3064 | 3067 | 3070 | rBV2 | 84214 | 118375 | 6.72% | 0.449% |
| 90 | 21.298 | 3076 | 3079 | 3085 | rVB2 | 149083 | 196081 | 11.13% | 0.744% |
| 91 | 21.503 | 3107 | 3114 | 3118 | rBV3 | 807419 | 1762242 | 100.00% | 6.689% |
| 92 | 21.539 | 3118 | 3120 | 3125 | rVB | 528732 | 628406 | 35.66% | 2.385% |
| 93 | 21.833 | 3167 | 3170 | 3174 | rBV | 244712 | 302169 | 17.15% | 1.147% |
| 94 | 22.403 | 3263 | 3267 | 3274 | rVB2 | 443312 | 666707 | 37.83% | 2.531% |
| 95 | 23.033 | 3370 | 3374 | 3380 | rVB | 414091 | 619020 | 35.13% | 2.350% |
| 96 | 23.180 | 3395 | 3399 | 3413 | rVB | 282429 | 885739 | 50.26% | 3.362% |
| 97 | 23.750 | 3493 | 3496 | 3502 | rVB | 386834 | 642419 | 36.45% | 2.438% |
| 98 | 23.815 | 3503 | 3507 | 3514 | rVB | 354117 | 650451 | 36.91% | 2.469% |
| 99 | 23.927 | 3521 | 3526 | 3531 | rBV | 322308 | 571321 | 32.42% | 2.169% |
| 100 | 24.603 | 3637 | 3641 | 3659 | rVB3 | 318457 | 809194 | 45.92% | 3.071% |

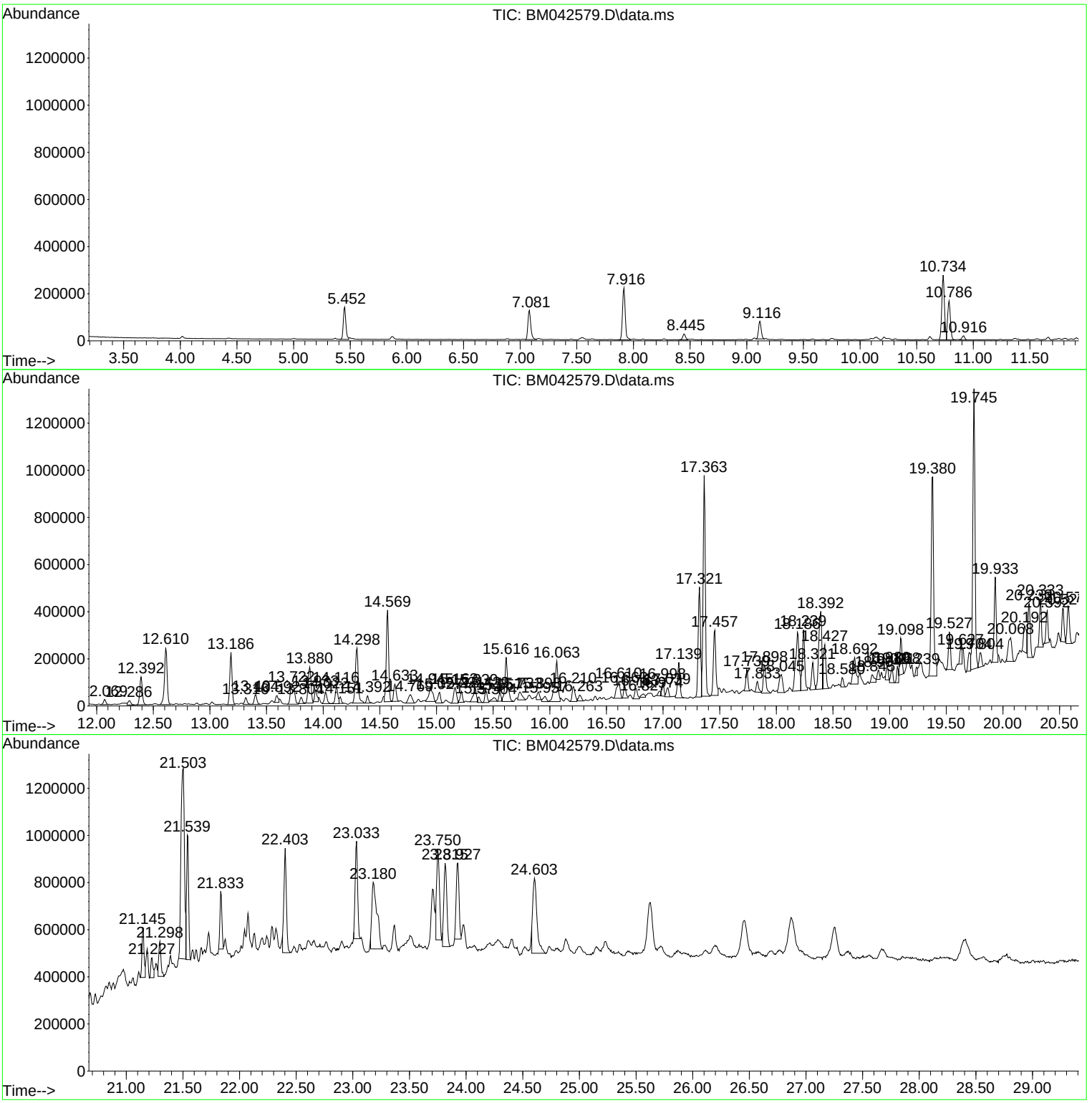
Sum of corrected areas: 26345367

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

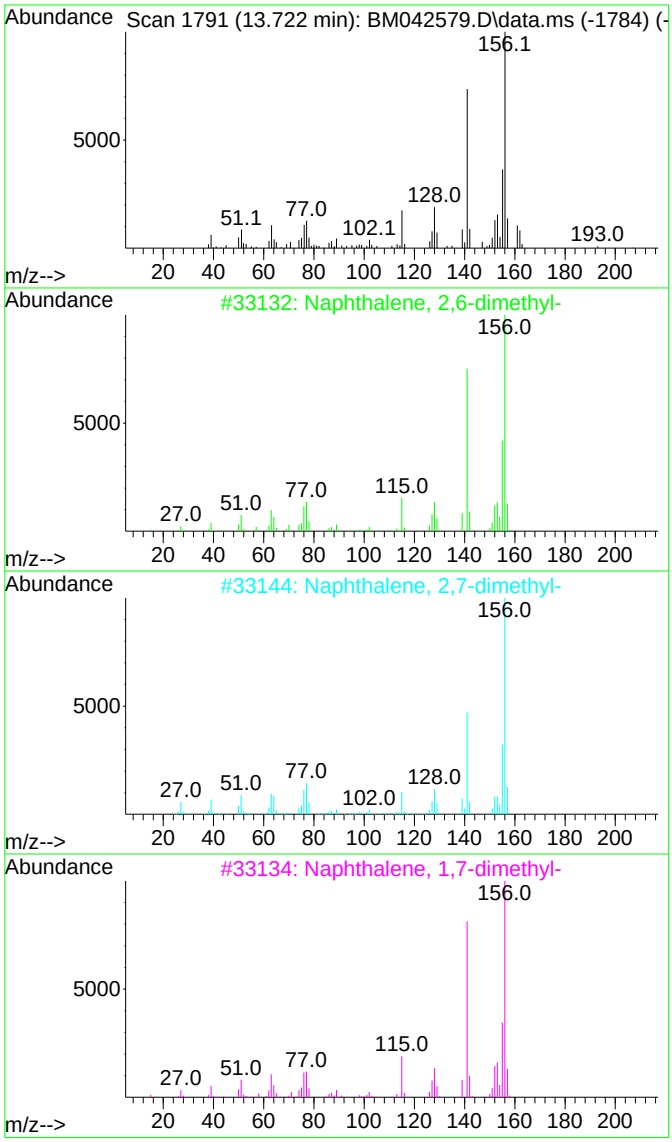
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

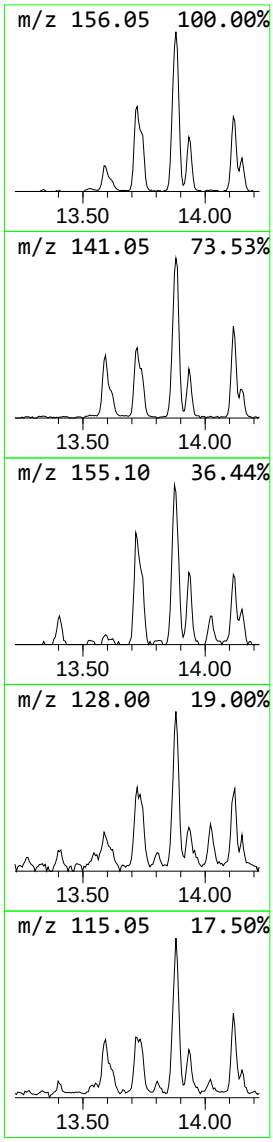
**********

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.722 | 7.73 ng | 213588 | Acenaphthene-d10 | 14.569 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

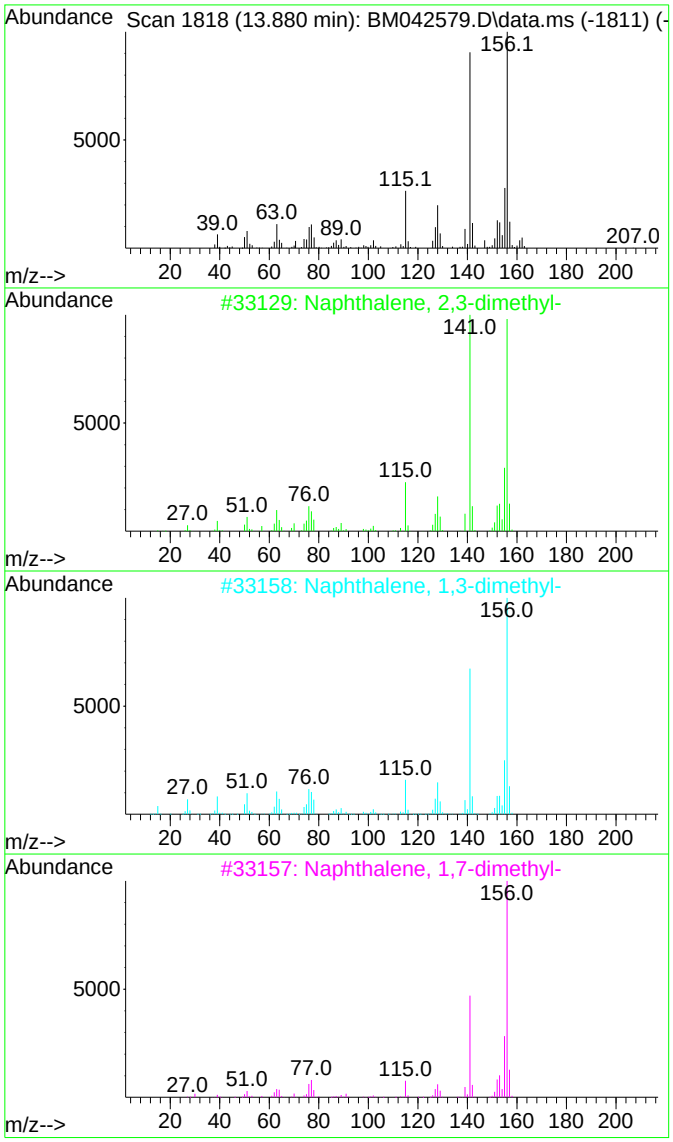
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

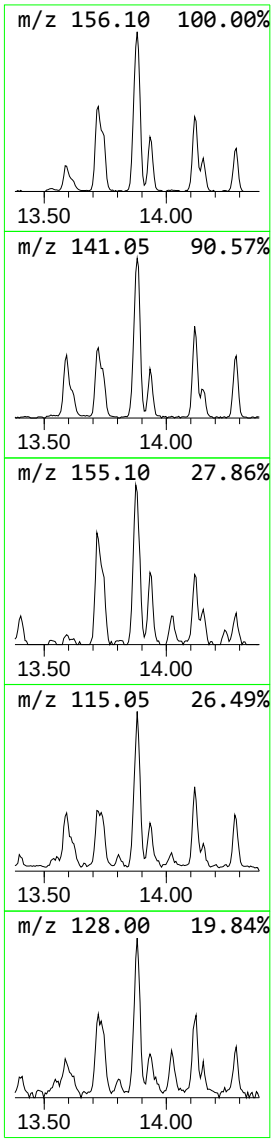
**********

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 9.80 ng | 270618 | Acenaphthene-d10 | 14.569 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

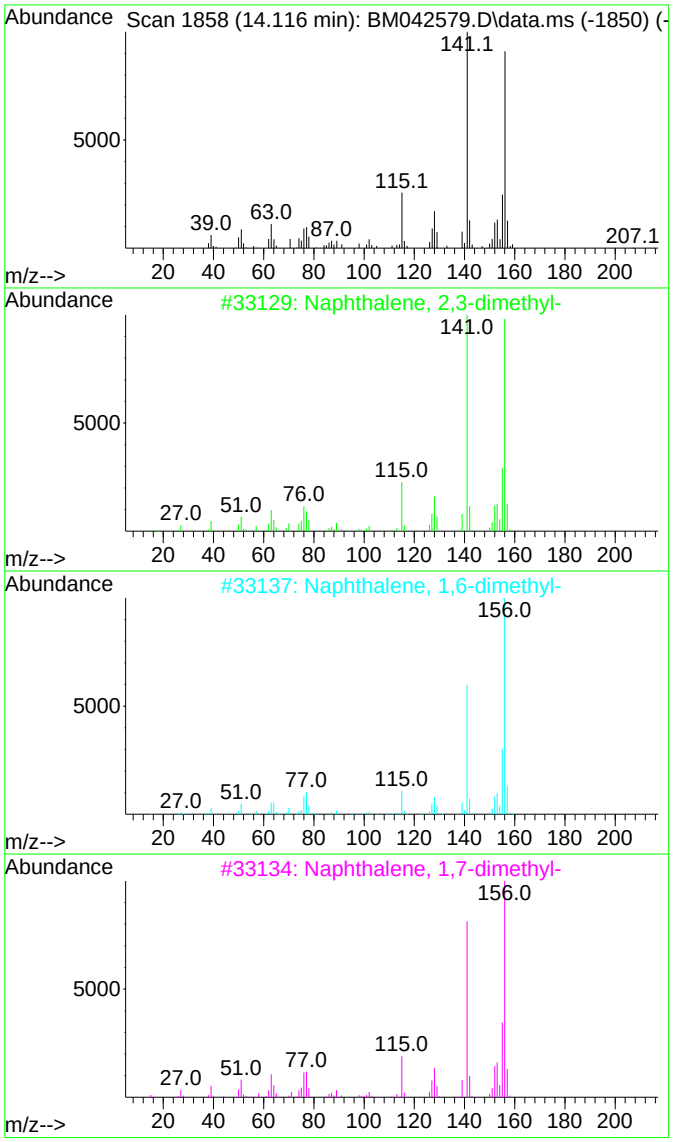
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

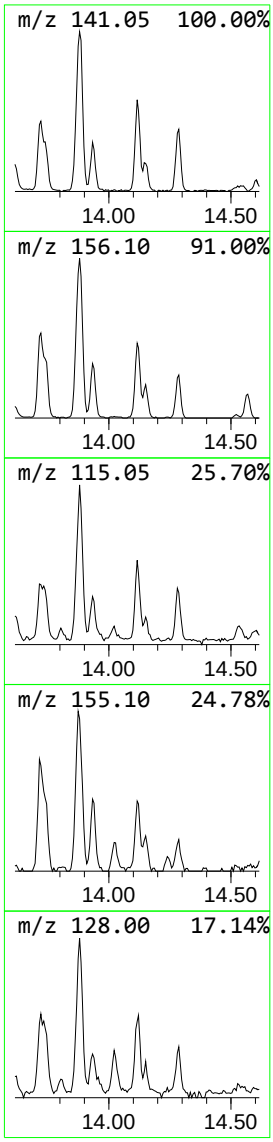
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.116 | 4.25 ng | 117363 | Acenaphthene-d10 | 14.569 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 5 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

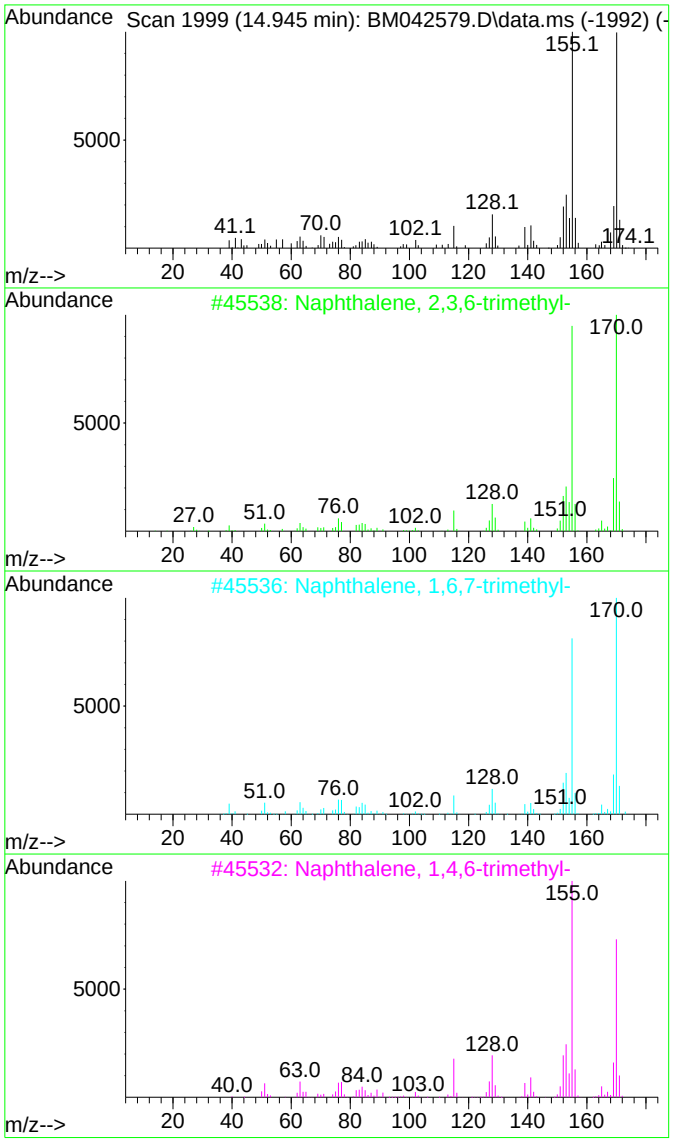
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

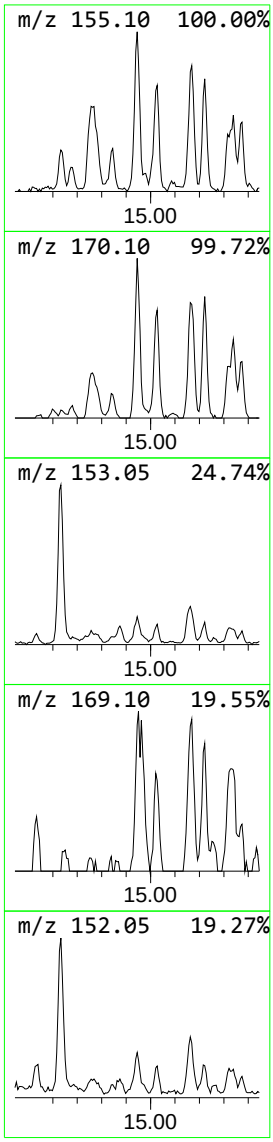
**********

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.945 | 5.10 ng | 140750 | Acenaphthene-d10 | 14.569 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 95 |
| 4 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 93 |
| 5 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

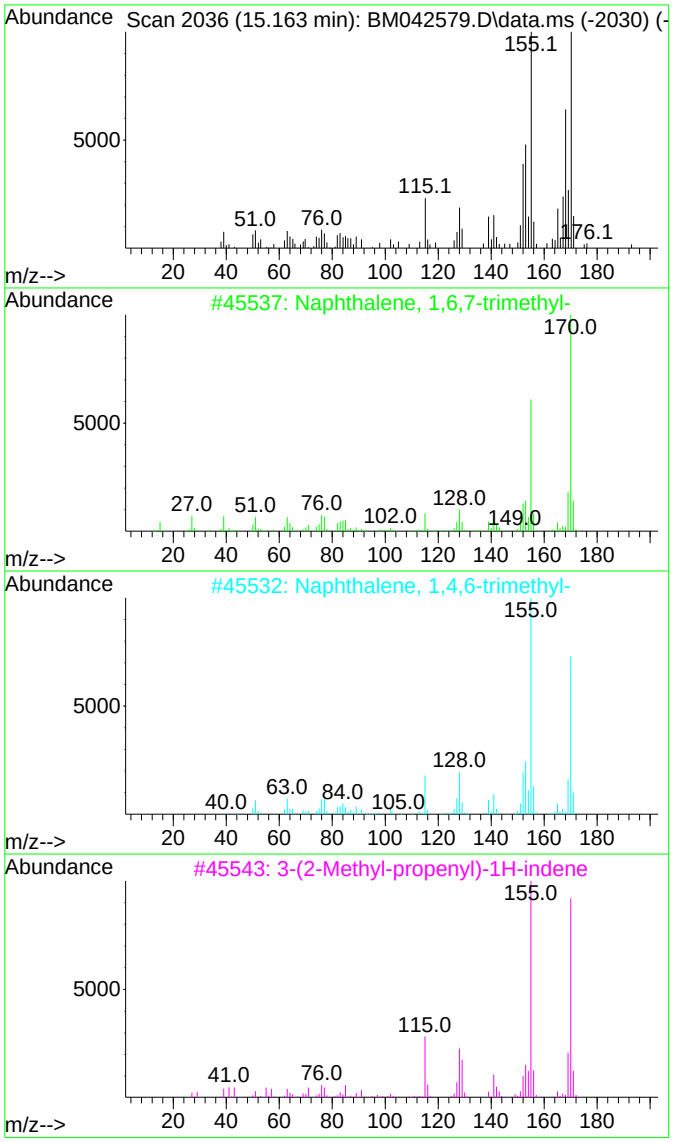
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

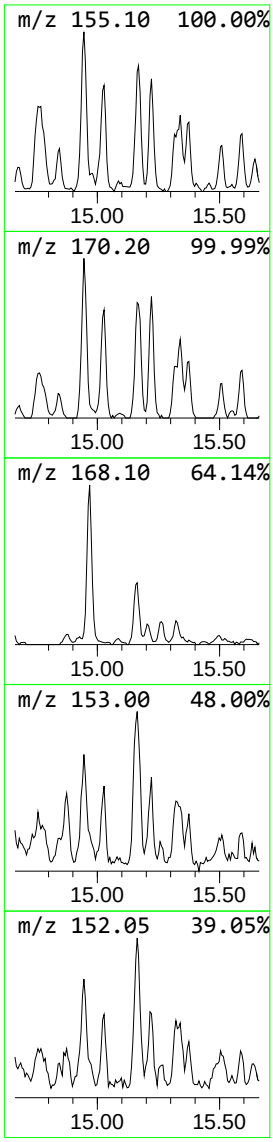
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.163 | 4.41 ng | 121909 | Acenaphthene-d10 | 14.569 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 87 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 83 |
| 3 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 70 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 64 |
| 5 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

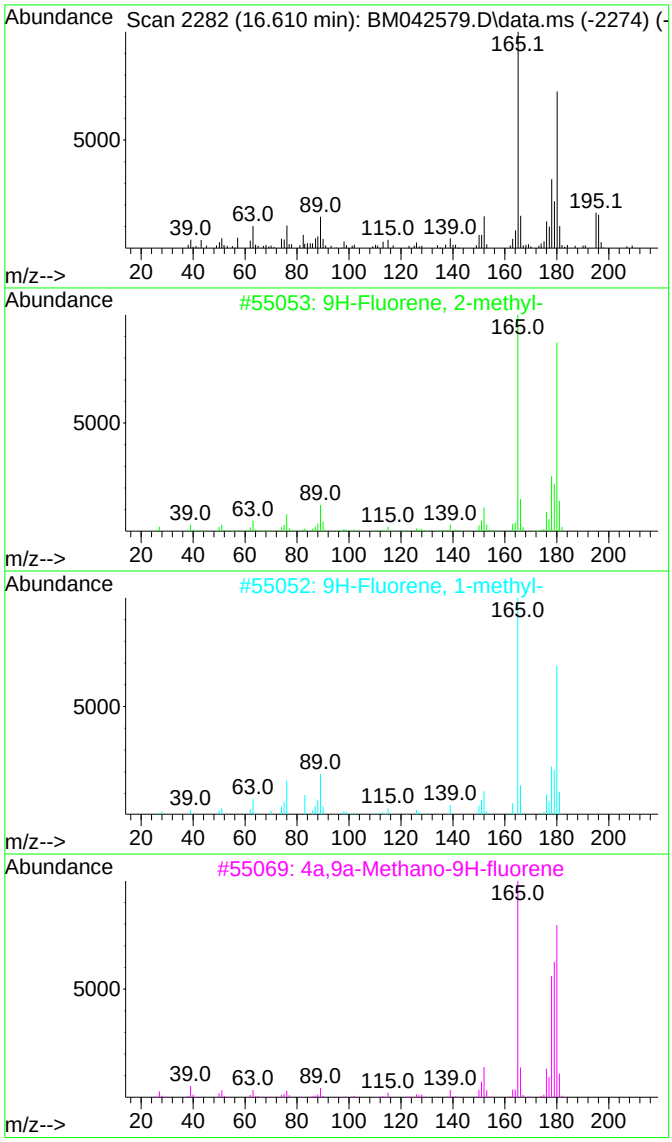
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

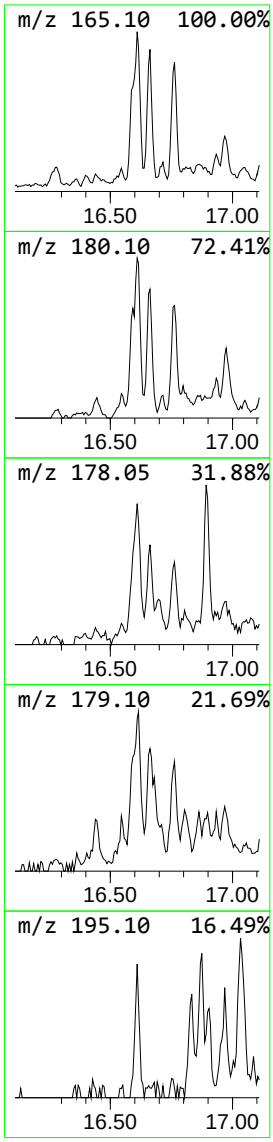
**********

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.610 | 4.60 ng | 151691 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 96 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 95 |
| 3 | 4a,9a-Methano-9H-fluorene | 180 | C14H12 | 019540-84-2 | 91 |
| 4 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 89 |
| 5 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

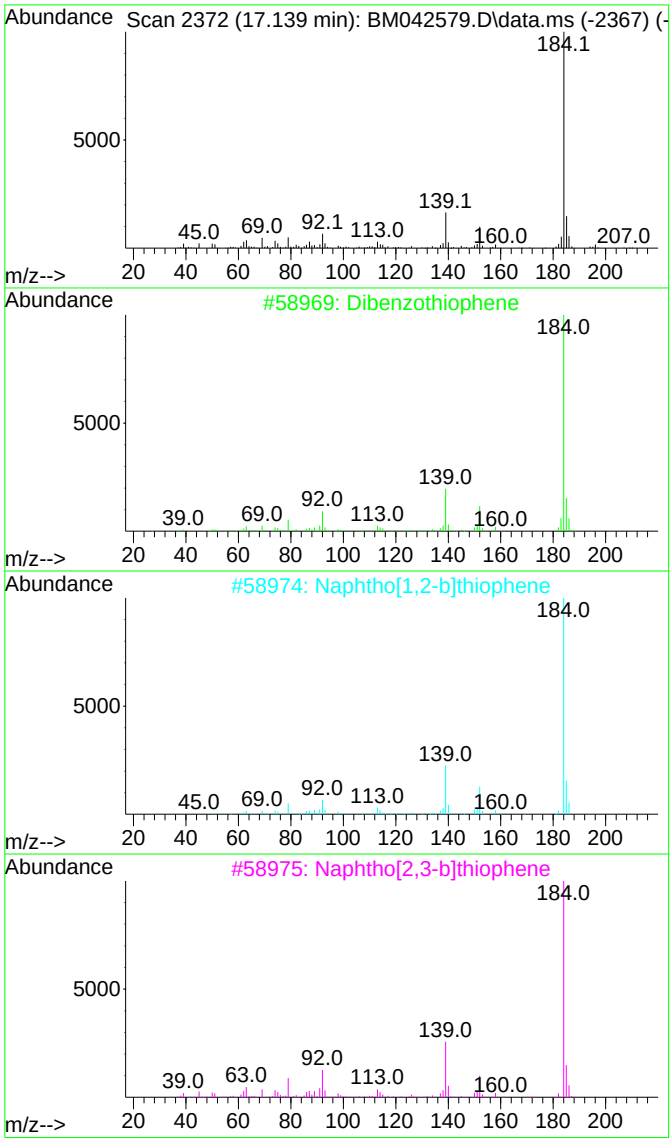
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

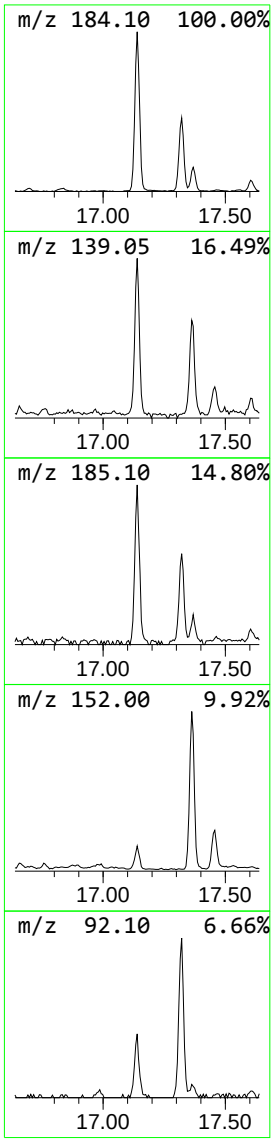
**********

Peak Number 7 Dibenzothiophene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.139 | 6.58 ng | 216839 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 94 |
| 3 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 94 |
| 4 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 94 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

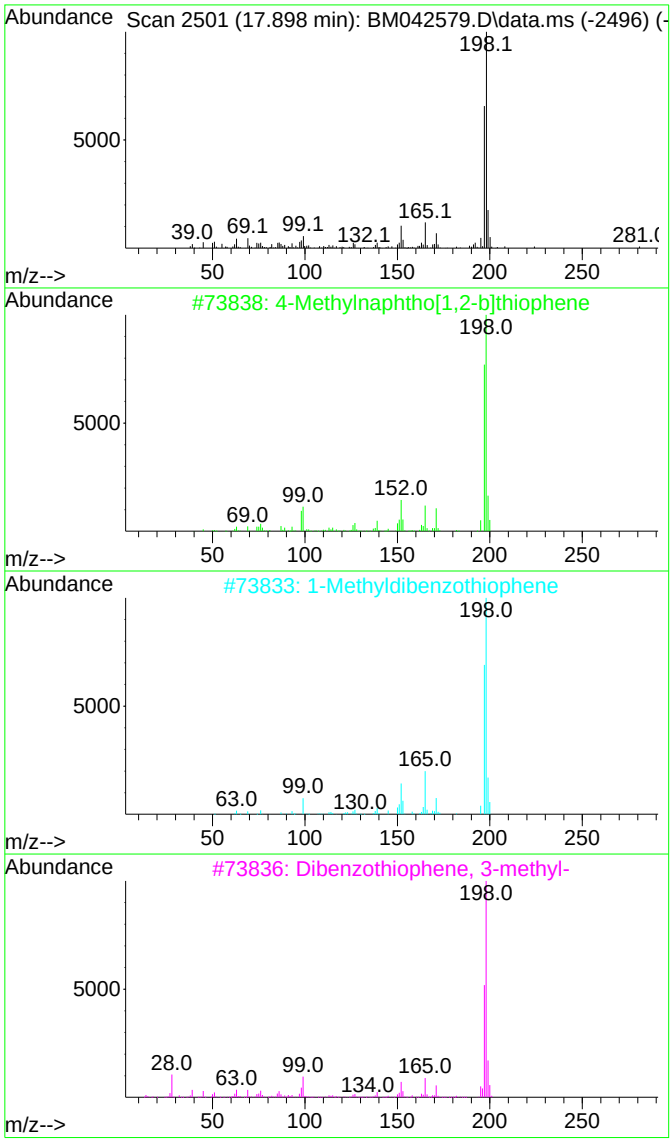
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

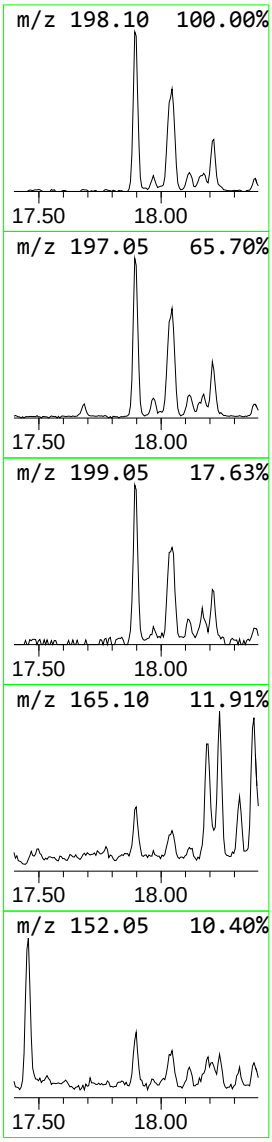
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.898 | 5.74 ng | 189318 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Methylnaphtho[1,2-b]thiophene | 198 | C13H10S | 067388-11-8 | 97 |
| 2 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 95 |
| 3 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 94 |
| 4 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 94 |
| 5 | 2-Methyldibenzothiophene | 198 | C13H10S | 1000383-55-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

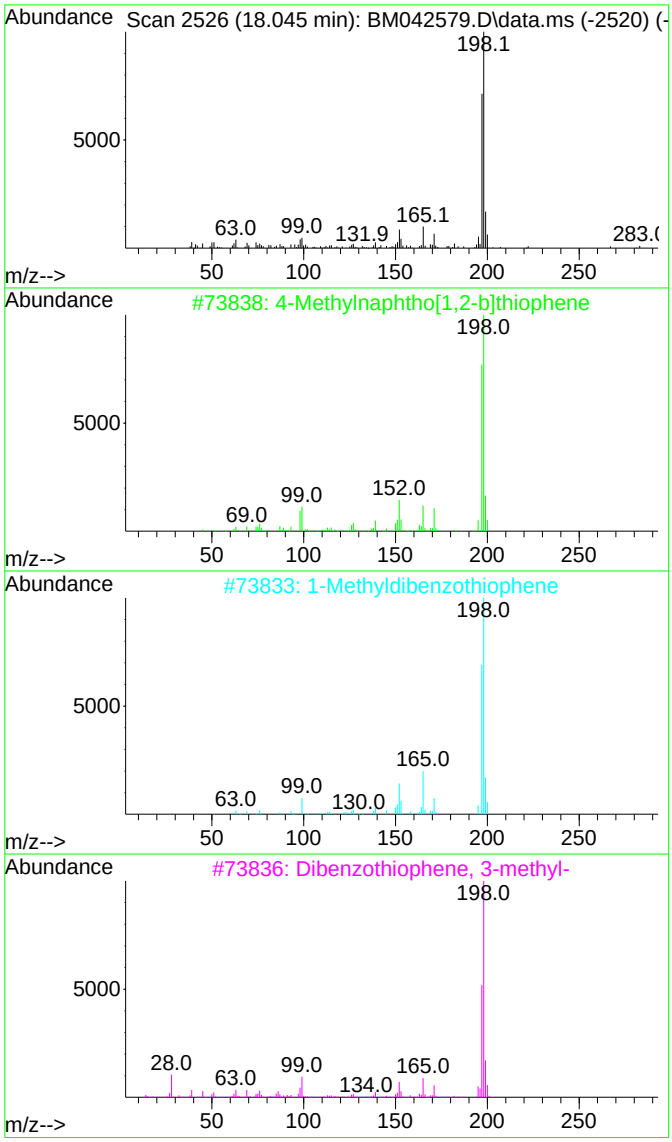
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

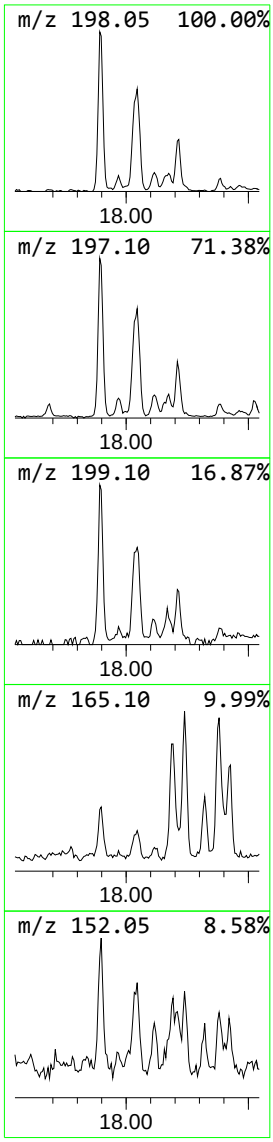
**********

Peak Number 9 1-Methyldibenzothiophene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.045 | 4.76 ng | 156968 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Methylnaphtho[1,2-b]thiophene | 198 | C13H10S | 067388-11-8 | 96 |
| 2 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 95 |
| 3 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 94 |
| 4 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 94 |
| 5 | 2-Methyldibenzothiophene | 198 | C13H10S | 1000383-55-1 | 93 |



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Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

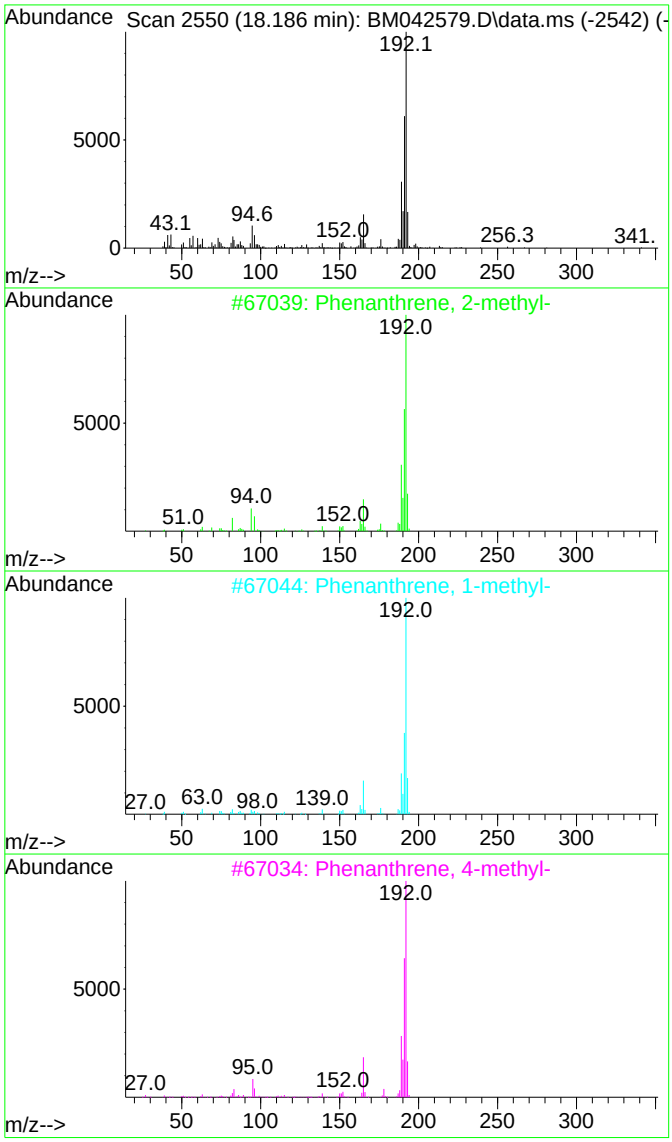
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

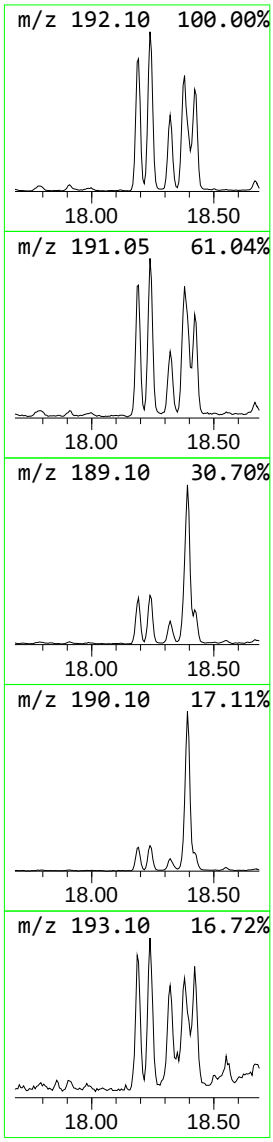
**********

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.186 | 16.28 ng | 536851 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 3 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 94 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

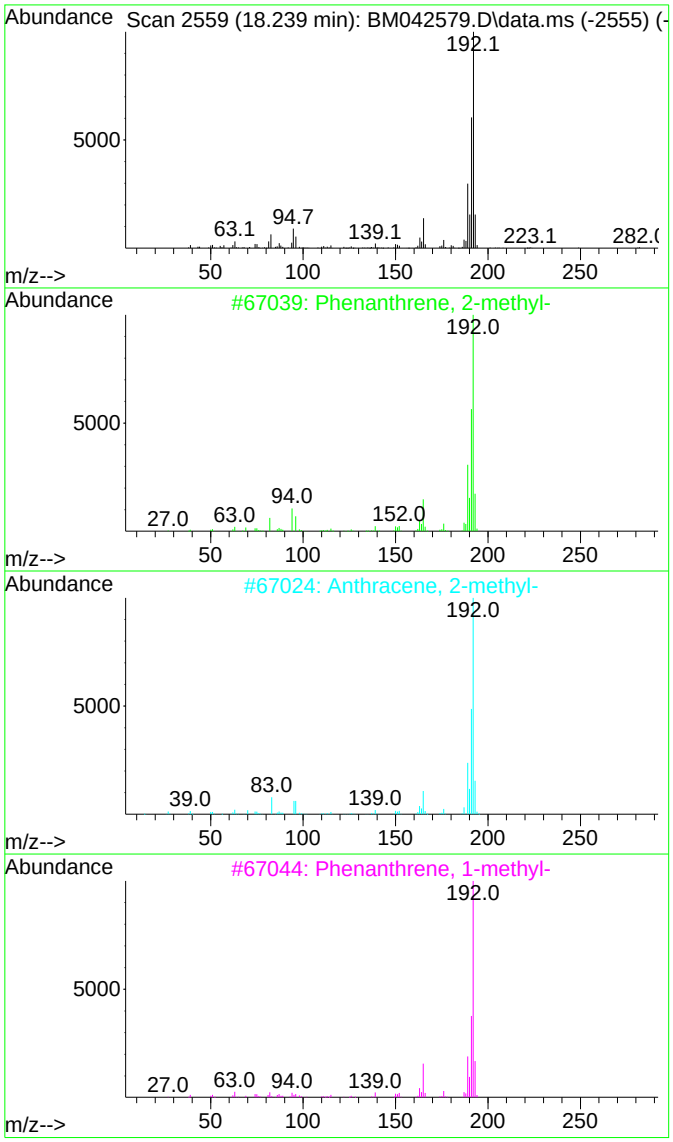
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

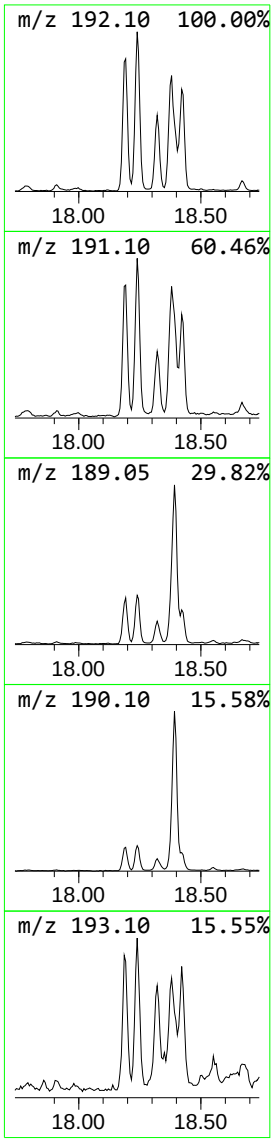
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.239 | 11.44 ng | 377284 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

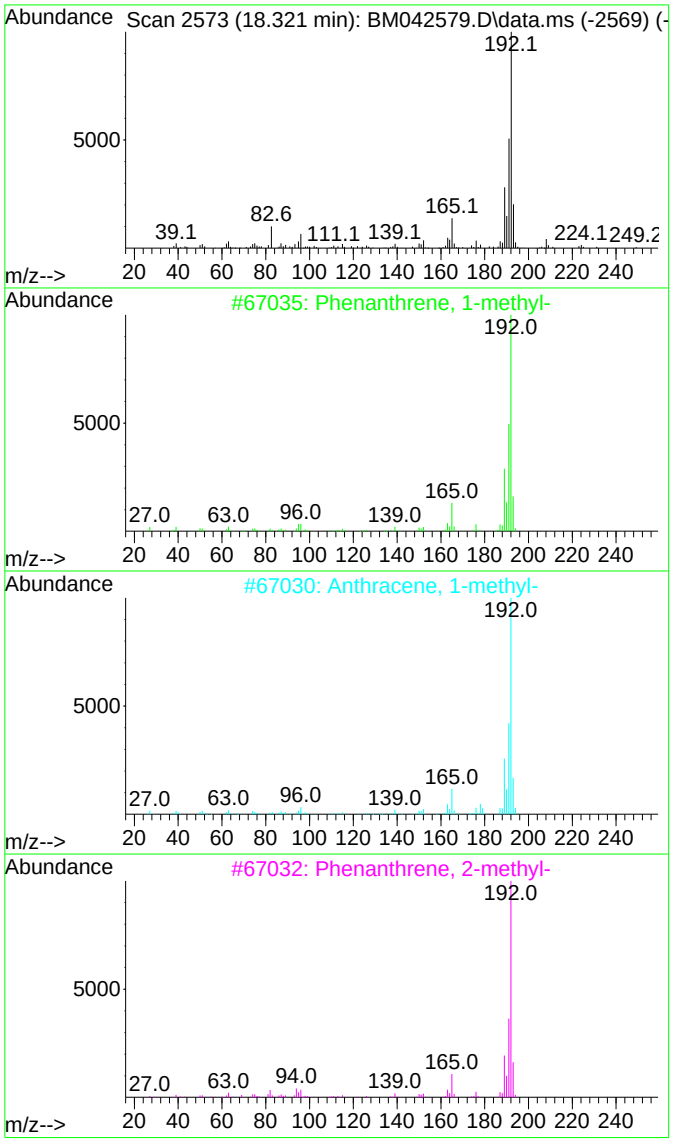
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

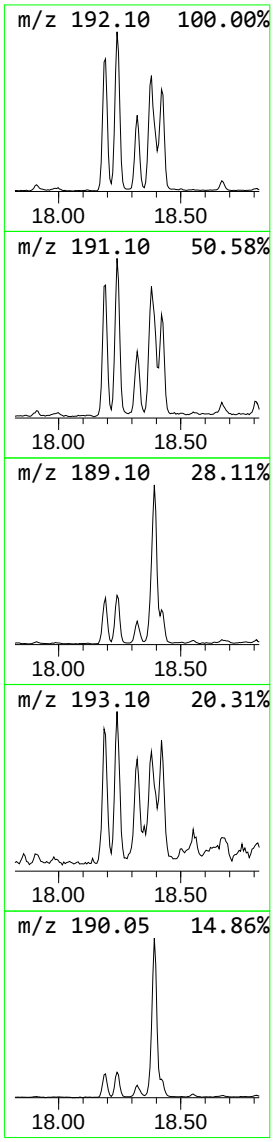
**********

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.321 | 4.88 ng | 160907 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 94 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

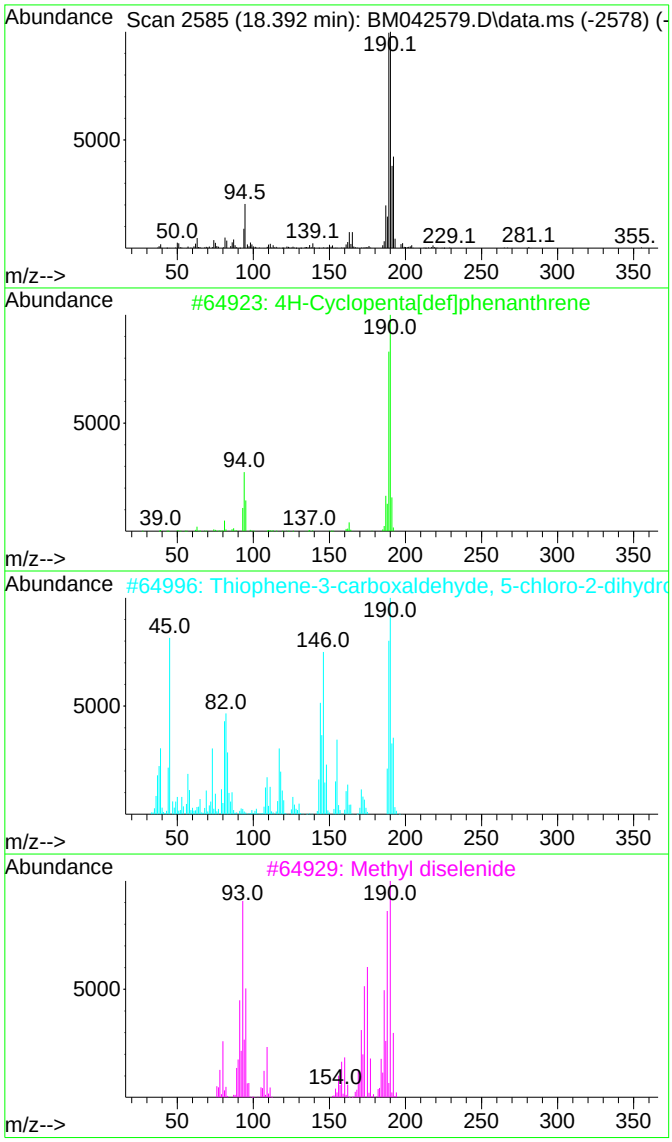
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

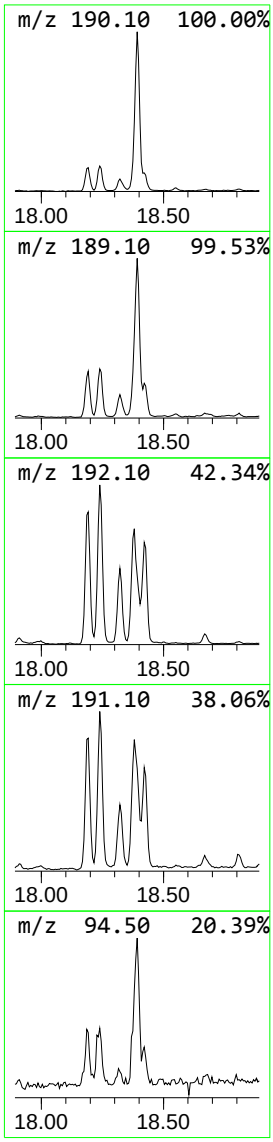
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.392 | 19.29 ng | 636265 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 76 |
| 2 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 53 |
| 3 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 45 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 42 |
| 5 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

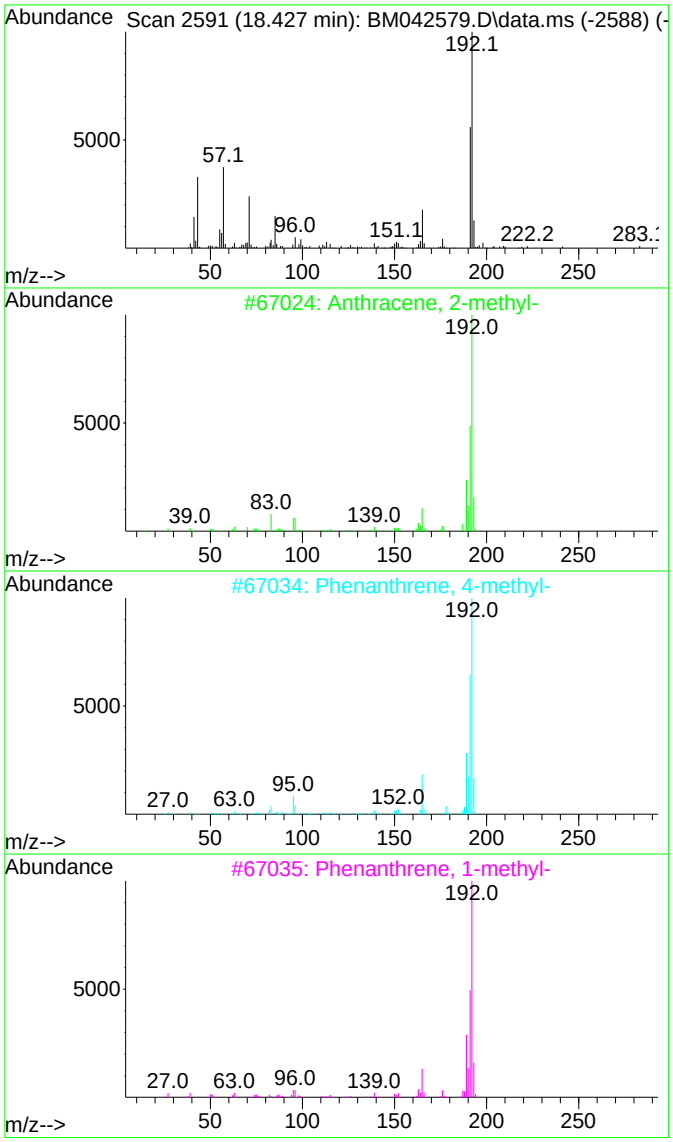
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

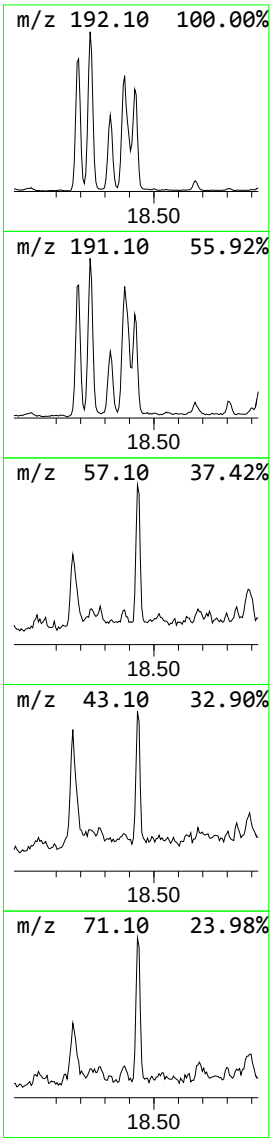
**********

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.427 | 8.30 ng | 273672 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 76 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 70 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 70 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 68 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

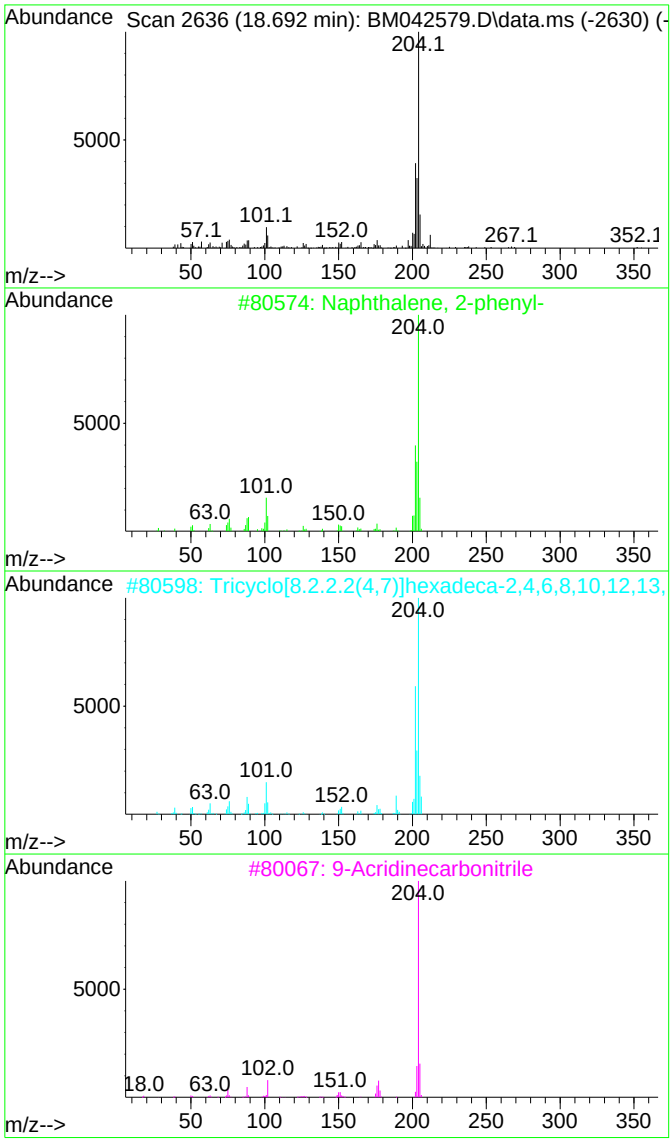
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

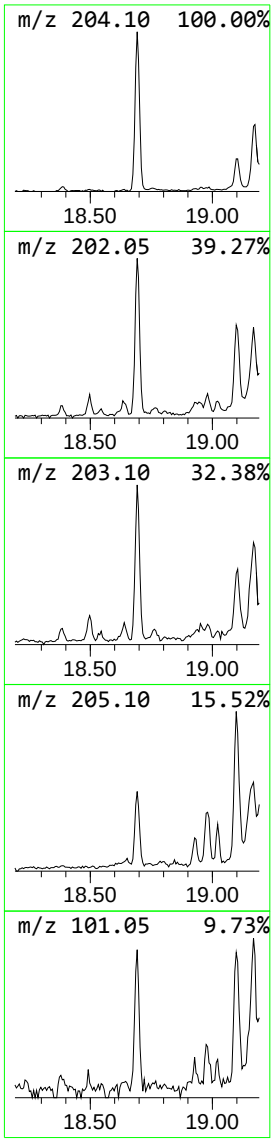
**********

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.692 | 6.66 ng | 219631 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 2 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 62 |
| 3 | 9-Acridinecarbonitrile | 204 | C14H8N2 | 005326-19-2 | 55 |
| 4 | [1,1'-Biphenyl]-2-ol, 5-chloro- | 204 | C12H9ClO | 000607-12-5 | 49 |
| 5 | 9,10-ethenoanthracene, 9,10-dihy... | 204 | C16H12 | 1000400-47-8 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

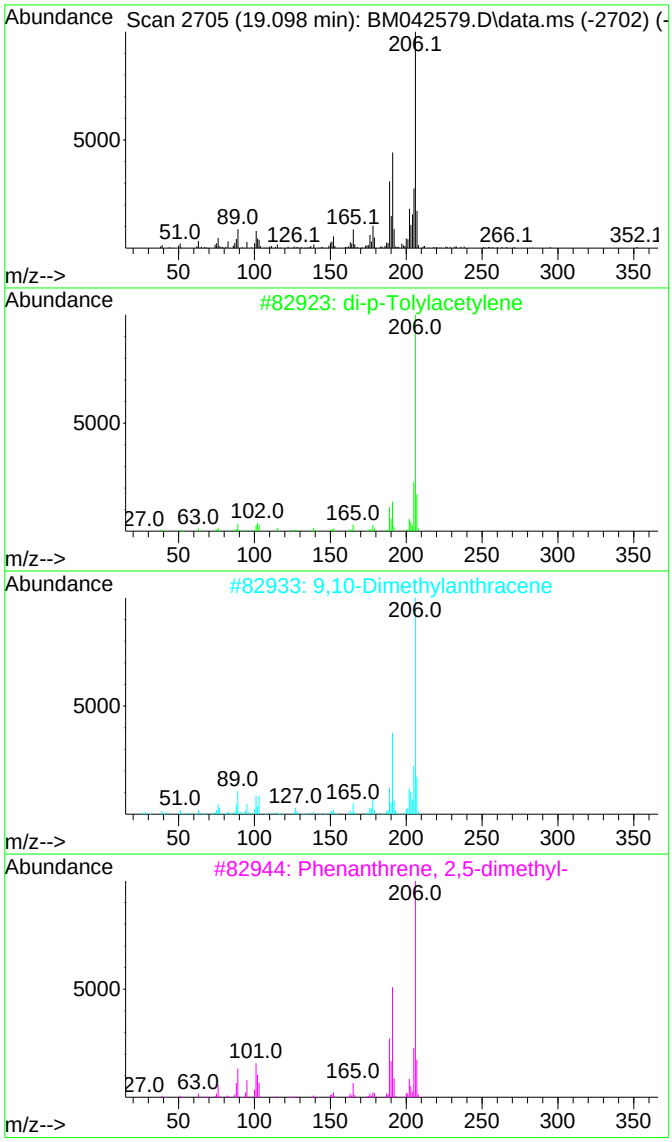
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

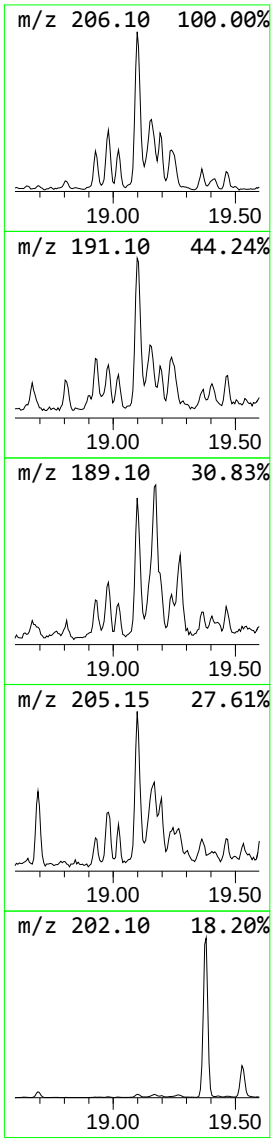
**********

Peak Number 16 di-p-Tolylacetylene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.098 | 6.24 ng | 205686 | Phenanthrene-d10 | 17.321 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 94 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 91 |
| 4 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 90 |
| 5 | Naphthalene, 1,2-dihydro-1-phenyl- | 206 | C16H14 | 016606-46-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

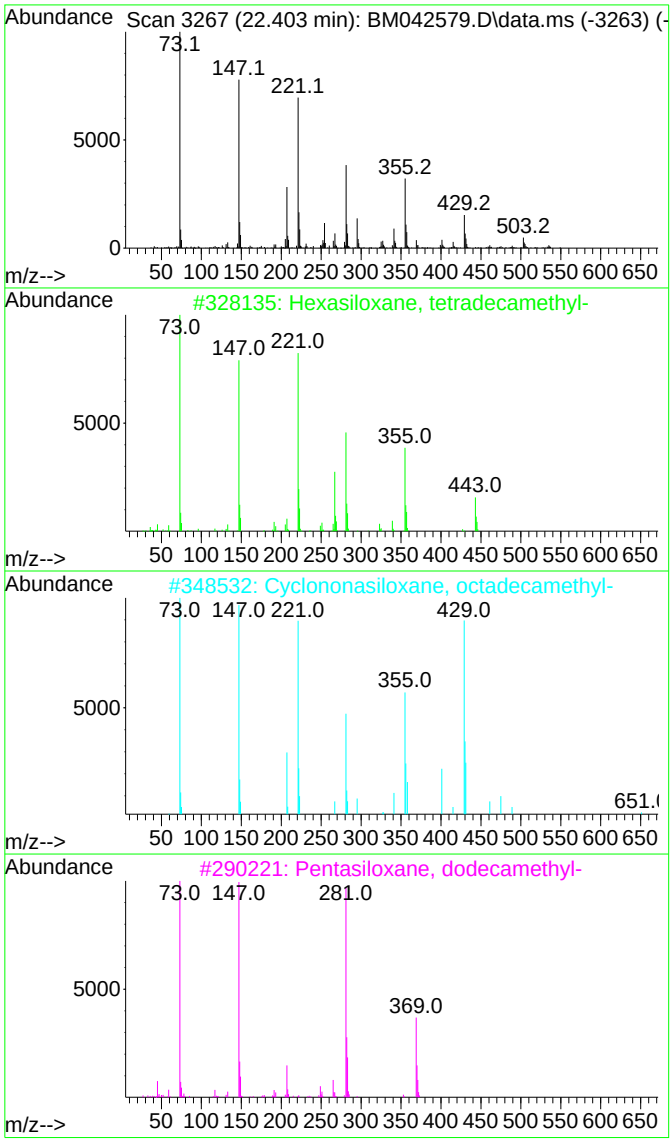
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

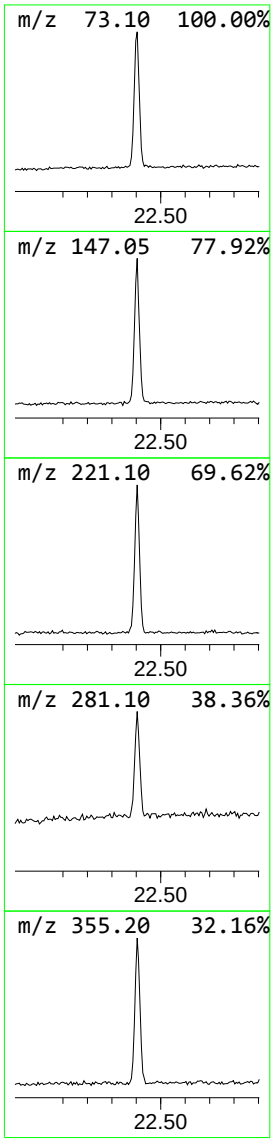
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Hexasiloxane, tetradecamethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.403 | 7.57 ng | 666707 | Chrysene-d12 | 21.503 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexasiloxane, tetradecamethyl- | 458 | C14H42O5Si6 | 000107-52-8 | 83 |
| 2 | Cyclononasiloxane, octadecamethyl- | 666 | C18H54O9Si9 | 000556-71-8 | 78 |
| 3 | Pentasiloxane, dodecamethyl- | 384 | C12H36O4Si5 | 000141-63-9 | 43 |
| 4 | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO | 015089-22-2 | 43 |
| 5 | Mercaptoacetic acid, 2TMS deriva... | 236 | C8H20O2SSi2 | 006398-62-5 | 37 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

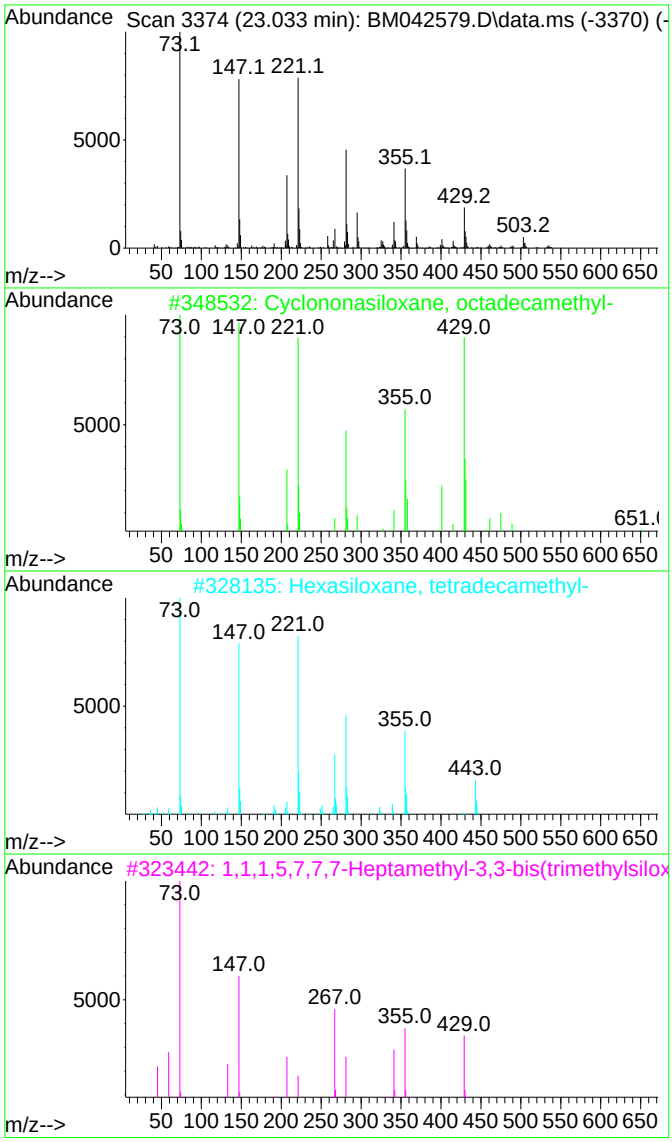
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

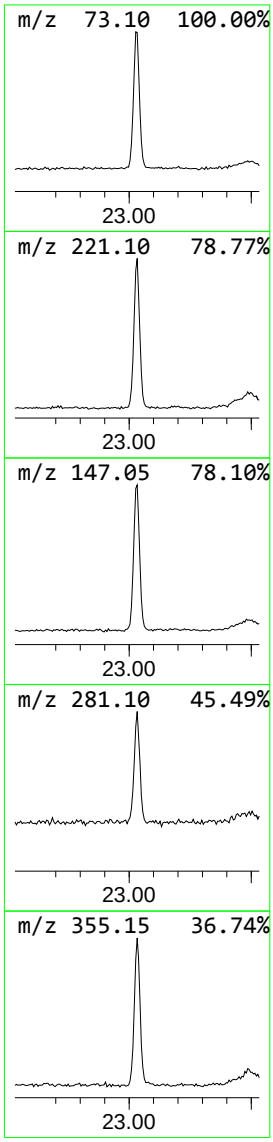
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Cyclononasiloxane, octadeca... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.033 | 21.67 ng | 619020 | Perylene-d12 | 23.927 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclononasiloxane, octadecamethyl- | 666 | C18H54O9Si9 | 000556-71-8 | 91 |
| 2 | Hexasiloxane, tetradecamethyl- | 458 | C14H42O5Si6 | 000107-52-8 | 80 |
| 3 | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444 | C13H40O5Si6 | 038147-00-1 | 43 |
| 4 | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4 | 004342-25-0 | 40 |
| 5 | Mercaptoacetic acid, 2TMS deriva... | 236 | C8H20O2SSi2 | 006398-62-5 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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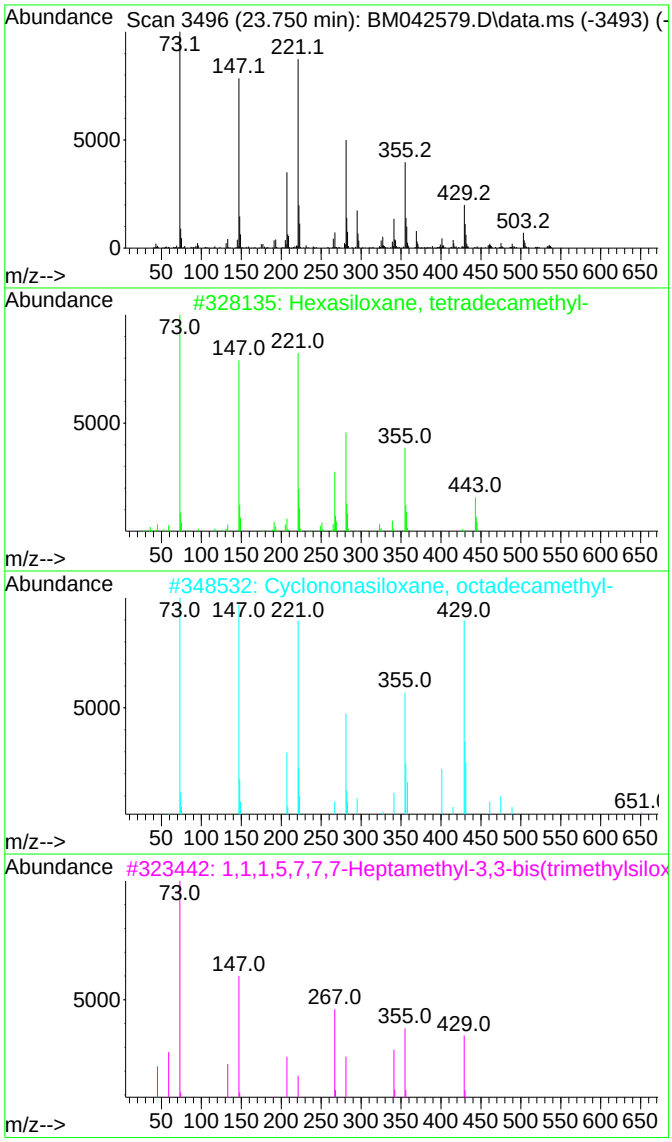
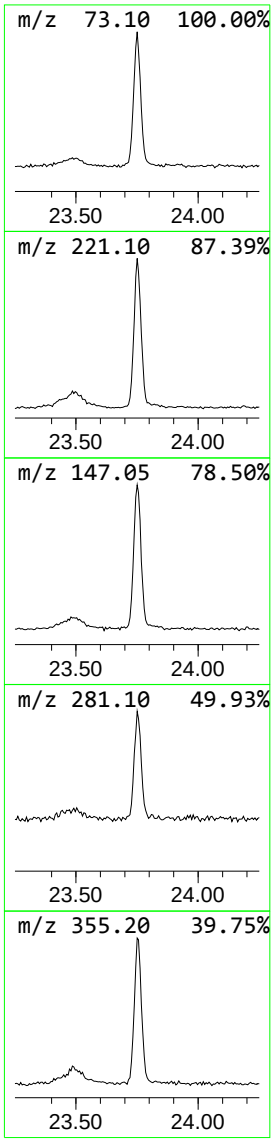
Peak Number 19 unknown23.750 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.750 | 22.49 ng | 642419 | Perylene-d12 | 23.927 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexasiloxane, tetradecamethyl- | 458 | C14H42O5Si6 | 000107-52-8 | 83 |
| 2 | Cyclononasiloxane, octadecamethyl- | 666 | C18H54O9Si9 | 000556-71-8 | 72 |
| 3 | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444 | C13H40O5Si6 | 038147-00-1 | 47 |
| 4 | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4 | 004342-25-0 | 38 |
| 5 | Mercaptoacetic acid, 2TMS deriva... | 236 | C8H20O2SSi2 | 006398-62-5 | 37 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

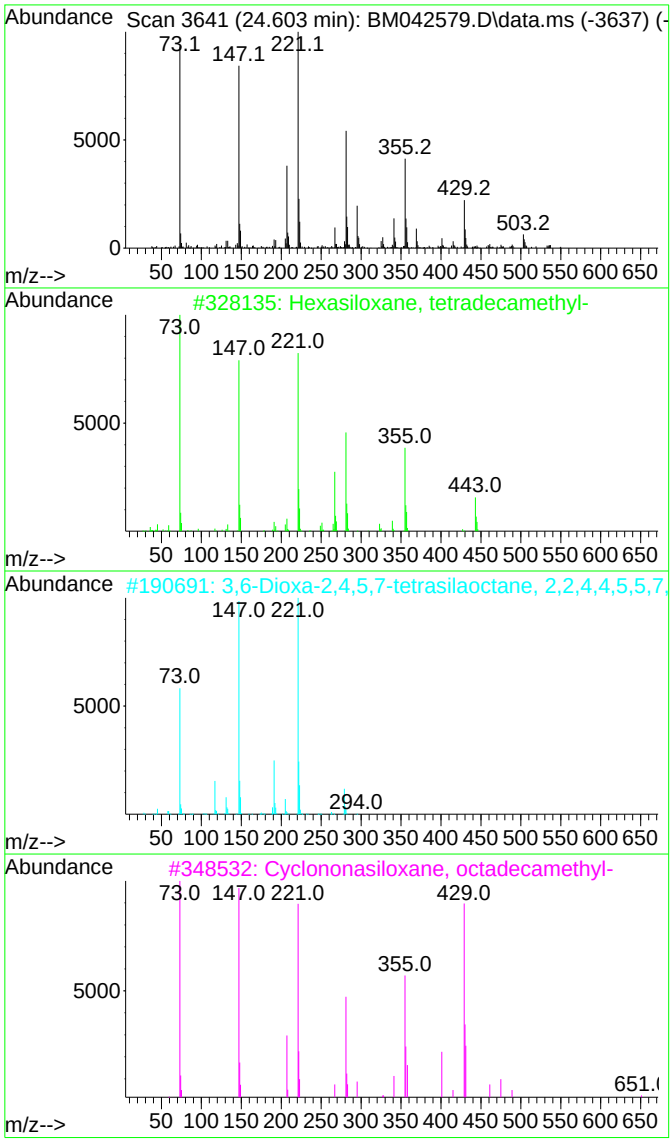
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

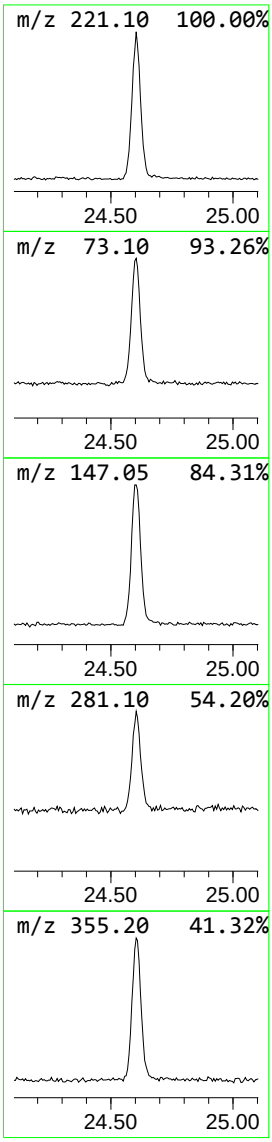
**********

Peak Number 20 unknown24.603 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.603 | 28.33 ng | 809194 | Perylene-d12 | 23.927 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexasiloxane, tetradecamethyl- | 458 | C14H42O5Si6 | 000107-52-8 | 76 |
| 2 | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4 | 004342-25-0 | 64 |
| 3 | Cyclononasiloxane, octadecamethyl- | 666 | C18H54O9Si9 | 000556-71-8 | 64 |
| 4 | Pentasiloxane, dodecamethyl- | 384 | C12H36O4Si5 | 000141-63-9 | 25 |
| 5 | Phthalic acid, 2TMS derivative | 310 | C14H22O4Si2 | 002078-22-0 | 14 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042579.D
Acq On : 03 Nov 2023 20:23
Operator : MA/JU
Sample : 05220-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
Z-5(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Naphthalene, 2,... | 13.722 | 7.7 | ng | 213588 | 3 | 14.569 | 552299 | 20.0 |
| Naphthalene, 2,... | 13.880 | 9.8 | ng | 270618 | 3 | 14.569 | 552299 | 20.0 |
| Naphthalene, 1,... | 14.116 | 4.3 | ng | 117363 | 3 | 14.569 | 552299 | 20.0 |
| Naphthalene, 2,... | 14.945 | 5.1 | ng | 140750 | 3 | 14.569 | 552299 | 20.0 |
| Naphthalene, 1,... | 15.163 | 4.4 | ng | 121909 | 3 | 14.569 | 552299 | 20.0 |
| 9H-Fluorene, 2-... | 16.610 | 4.6 | ng | 151691 | 4 | 17.321 | 659558 | 20.0 |
| Dibenzothiophene | 17.139 | 6.6 | ng | 216839 | 4 | 17.321 | 659558 | 20.0 |
| 4-Methylnaphtho... | 17.898 | 5.7 | ng | 189318 | 4 | 17.321 | 659558 | 20.0 |
| 1-Methyldibenzo... | 18.045 | 4.8 | ng | 156968 | 4 | 17.321 | 659558 | 20.0 |
| Phenanthrene, 2... | 18.186 | 16.3 | ng | 536851 | 4 | 17.321 | 659558 | 20.0 |
| Anthracene, 2-m... | 18.239 | 11.4 | ng | 377284 | 4 | 17.321 | 659558 | 20.0 |
| Anthracene, 1-m... | 18.321 | 4.9 | ng | 160907 | 4 | 17.321 | 659558 | 20.0 |
| 4H-Cyclopenta[d... | 18.392 | 19.3 | ng | 636265 | 4 | 17.321 | 659558 | 20.0 |
| Phenanthrene, 4... | 18.427 | 8.3 | ng | 273672 | 4 | 17.321 | 659558 | 20.0 |
| Naphthalene, 2-... | 18.692 | 6.7 | ng | 219631 | 4 | 17.321 | 659558 | 20.0 |
| di-p-Tolylacety... | 19.098 | 6.2 | ng | 205686 | 4 | 17.321 | 659558 | 20.0 |
| Hexasiloxane, t... | 22.403 | 7.6 | ng | 666707 | 5 | 21.503 | 1762240 | 20.0 |
| Cyclononasiloxa... | 23.033 | 21.7 | ng | 619020 | 6 | 23.927 | 571321 | 20.0 |
| unknown23.750 | 23.750 | 22.5 | ng | 642419 | 6 | 23.927 | 571321 | 20.0 |
| unknown24.603 | 24.603 | 28.3 | ng | 809194 | 6 | 23.927 | 571321 | 20.0 |