LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

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-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.604 | 241 | 292 | 294 | rBV | 618958 | 4945701 | 15.38% | 0.997% |
| 2 | 4.722 | 299 | 312 | 316 | rVB | 405526 | 1278545 | 3.98% | 0.258% |
| 3 | 5.081 | 369 | 373 | 379 | rVV | 1056180 | 1498460 | 4.66% | 0.302% |
| 4 | 6.669 | 630 | 643 | 654 | rVB2 | 1870916 | 3937176 | 12.24% | 0.794% |
| 5 | 7.440 | 767 | 774 | 780 | rBV | 1106405 | 1711742 | 5.32% | 0.345% |
| 6 | 7.534 | 780 | 790 | 799 | rBV | 1866727 | 2966866 | 9.23% | 0.598% |
| 7 | 7.757 | 821 | 828 | 834 | rVB | 3606989 | 5587256 | 17.37% | 1.126% |
| 8 | 8.228 | 899 | 908 | 918 | rBV | 5549084 | 11011232 | 34.24% | 2.219% |
| 9 | 8.581 | 964 | 968 | 979 | rVV | 2455869 | 3881368 | 12.07% | 0.782% |
| 10 | 8.840 | 995 | 1012 | 1020 | rBV2 | 780058 | 2541411 | 7.90% | 0.512% |
| 11 | 9.410 | 1091 | 1109 | 1112 | rBV | 2838145 | 4868178 | 15.14% | 0.981% |
| 12 | 9.445 | 1112 | 1115 | 1122 | rVV | 2665041 | 3738058 | 11.62% | 0.753% |
| 13 | 9.587 | 1125 | 1139 | 1142 | rVV | 464530 | 1627173 | 5.06% | 0.328% |
| 14 | 9.634 | 1142 | 1147 | 1149 | rVV2 | 1212308 | 2206944 | 6.86% | 0.445% |
| 15 | 9.681 | 1149 | 1155 | 1158 | rVV | 2179384 | 4894399 | 15.22% | 0.986% |
| 16 | 9.716 | 1158 | 1161 | 1167 | rVB | 2256256 | 3495026 | 10.87% | 0.704% |
| 17 | 9.863 | 1180 | 1186 | 1192 | rBV | 1626199 | 2439972 | 7.59% | 0.492% |
| 18 | 9.975 | 1199 | 1205 | 1220 | rBV2 | 1070228 | 2842414 | 8.84% | 0.573% |
| 19 | 10.098 | 1220 | 1226 | 1231 | rVV | 1337830 | 2471878 | 7.69% | 0.498% |
| 20 | 10.198 | 1239 | 1243 | 1247 | rVV | 1282103 | 2141752 | 6.66% | 0.432% |
| 21 | 10.251 | 1247 | 1252 | 1263 | rVV | 6723948 | 13138757 | 40.85% | 2.648% |
| 22 | 10.363 | 1263 | 1271 | 1280 | rVB | 697044 | 1252352 | 3.89% | 0.252% |
| 23 | 10.586 | 1302 | 1309 | 1319 | rVB2 | 991815 | 2022730 | 6.29% | 0.408% |
| 24 | 10.845 | 1344 | 1353 | 1356 | rBV3 | 1413652 | 3351481 | 10.42% | 0.675% |
| 25 | 11.034 | 1378 | 1385 | 1399 | rBV | 3341541 | 7006018 | 21.79% | 1.412% |
| 26 | 11.392 | 1441 | 1446 | 1461 | rVB | 716773 | 1459298 | 4.54% | 0.294% |
| 27 | 11.581 | 1471 | 1478 | 1487 | rVB | 6547858 | 10663817 | 33.16% | 2.149% |
| 28 | 11.704 | 1493 | 1499 | 1504 | rBV | 798416 | 1277402 | 3.97% | 0.257% |
| 29 | 11.881 | 1519 | 1529 | 1534 | rBV | 6817847 | 11375526 | 35.37% | 2.293% |
| 30 | 12.016 | 1542 | 1552 | 1558 | rBV | 729789 | 1631274 | 5.07% | 0.329% |
| 31 | 12.098 | 1558 | 1566 | 1571 | rBV | 4524414 | 7277733 | 22.63% | 1.467% |
| 32 | 12.639 | 1649 | 1658 | 1663 | rBV | 887868 | 2078521 | 6.46% | 0.419% |
| 33 | 12.704 | 1663 | 1669 | 1675 | rVB | 7042708 | 10081406 | 31.35% | 2.032% |
| 34 | 12.916 | 1700 | 1705 | 1708 | rBV | 909488 | 1396422 | 4.34% | 0.281% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

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-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.245 | 1752 | 1761 | 1770 | rVB3 | 700544 | 1864035 | 5.80% | 0.376% |
| 36 | 13.410 | 1783 | 1789 | 1794 | rBV | 2312198 | 3865125 | 12.02% | 0.779% |
| 37 | 13.563 | 1807 | 1815 | 1818 | rBV | 818661 | 1213914 | 3.77% | 0.245% |
| 38 | 13.651 | 1824 | 1830 | 1841 | rVB3 | 1130443 | 2644096 | 8.22% | 0.533% |
| 39 | 13.786 | 1849 | 1853 | 1862 | rVB5 | 879834 | 2334572 | 7.26% | 0.471% |
| 40 | 13.869 | 1862 | 1867 | 1872 | rBV | 2683447 | 3760855 | 11.69% | 0.758% |
| 41 | 14.086 | 1899 | 1904 | 1908 | rBV2 | 2019552 | 3501602 | 10.89% | 0.706% |
| 42 | 14.157 | 1912 | 1916 | 1922 | rVV | 3003906 | 4597379 | 14.30% | 0.927% |
| 43 | 14.222 | 1922 | 1927 | 1930 | rVV | 1036349 | 1632415 | 5.08% | 0.329% |
| 44 | 14.492 | 1967 | 1973 | 1983 | rBV | 3429051 | 5365783 | 16.68% | 1.081% |
| 45 | 15.145 | 2079 | 2084 | 2092 | rBV | 2772973 | 4155877 | 12.92% | 0.838% |
| 46 | 15.557 | 2149 | 2154 | 2156 | rVV | 1754083 | 2374738 | 7.38% | 0.479% |
| 47 | 15.592 | 2156 | 2160 | 2168 | rVB2 | 3571639 | 5407432 | 16.81% | 1.090% |
| 48 | 15.857 | 2199 | 2205 | 2210 | rVB | 1687908 | 2657337 | 8.26% | 0.536% |
| 49 | 15.986 | 2219 | 2227 | 2234 | rBV | 2528106 | 4702971 | 14.62% | 0.948% |
| 50 | 16.139 | 2247 | 2253 | 2262 | rVB | 4451397 | 6633558 | 20.63% | 1.337% |
| 51 | 16.416 | 2294 | 2300 | 2306 | rBV | 1822525 | 3290194 | 10.23% | 0.663% |
| 52 | 16.504 | 2311 | 2315 | 2322 | rVB | 9542964 | 13617916 | 42.34% | 2.745% |
| 53 | 16.651 | 2334 | 2340 | 2346 | rBV4 | 3777405 | 6160070 | 19.15% | 1.242% |
| 54 | 16.751 | 2354 | 2357 | 2364 | rVB2 | 1186113 | 1698251 | 5.28% | 0.342% |
| 55 | 16.845 | 2368 | 2373 | 2376 | rBV | 2267363 | 3610962 | 11.23% | 0.728% |
| 56 | 16.886 | 2376 | 2380 | 2385 | rVV | 8789954 | 12264552 | 38.14% | 2.472% |
| 57 | 16.945 | 2385 | 2390 | 2392 | rVV | 1578034 | 2402507 | 7.47% | 0.484% |
| 58 | 16.974 | 2392 | 2395 | 2399 | rVV | 2495712 | 3649876 | 11.35% | 0.736% |
| 59 | 17.039 | 2402 | 2406 | 2411 | rVB | 1645947 | 2463660 | 7.66% | 0.497% |
| 60 | 17.163 | 2423 | 2427 | 2432 | rBV2 | 914293 | 1394450 | 4.34% | 0.281% |
| 61 | 17.227 | 2433 | 2438 | 2439 | rVV | 1875660 | 2547615 | 7.92% | 0.513% |
| 62 | 17.251 | 2439 | 2442 | 2447 | rVV | 4178001 | 5570370 | 17.32% | 1.123% |
| 63 | 17.351 | 2455 | 2459 | 2467 | rVV8 | 686022 | 1668009 | 5.19% | 0.336% |
| 64 | 17.421 | 2467 | 2471 | 2479 | rVB6 | 861539 | 1486388 | 4.62% | 0.300% |
| 65 | 17.539 | 2487 | 2491 | 2499 | rVB5 | 1106813 | 2134610 | 6.64% | 0.430% |
| 66 | 17.768 | 2526 | 2530 | 2532 | rBV | 918396 | 1279444 | 3.98% | 0.258% |
| 67 | 17.798 | 2532 | 2535 | 2539 | rVV2 | 3548334 | 4443653 | 13.82% | 0.896% |
| 68 | 17.845 | 2539 | 2543 | 2547 | rVB | 2303244 | 2942485 | 9.15% | 0.593% |
| 69 | 17.898 | 2547 | 2552 | 2558 | rBV3 | 1937022 | 3368125 | 10.47% | 0.679% |
| 70 | 18.098 | 2582 | 2586 | 2595 | rVB4 | 808580 | 1811204 | 5.63% | 0.365% |
| 71 | 18.262 | 2610 | 2614 | 2619 | rVB | 3319887 | 4359297 | 13.56% | 0.879% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

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-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 18.509 | 2653 | 2656 | 2662 | rVB4 | 1282646 | 2052425 | 6.38% | 0.414% |
| 73 | 18.580 | 2663 | 2668 | 2673 | rVB2 | 955643 | 1687477 | 5.25% | 0.340% |
| 74 | 18.651 | 2675 | 2680 | 2686 | rVB2 | 1762607 | 2795694 | 8.69% | 0.563% |
| 75 | 18.727 | 2690 | 2693 | 2697 | rVV | 1364336 | 1541854 | 4.79% | 0.311% |
| 76 | 18.780 | 2697 | 2702 | 2711 | rVB2 | 721322 | 1480075 | 4.60% | 0.298% |
| 77 | 18.909 | 2720 | 2724 | 2729 | rVB | 3501744 | 4519156 | 14.05% | 0.911% |
| 78 | 18.980 | 2731 | 2736 | 2738 | rBV | 1450365 | 2140497 | 6.66% | 0.431% |
| 79 | 19.086 | 2750 | 2754 | 2763 | rBV2 | 2394958 | 3475832 | 10.81% | 0.701% |
| 80 | 19.274 | 2782 | 2786 | 2789 | rBV | 2294940 | 2891681 | 8.99% | 0.583% |
| 81 | 19.327 | 2789 | 2795 | 2805 | rVB | 20907256 | 32159614 | 100.00% | 6.481% |
| 82 | 19.498 | 2820 | 2824 | 2829 | rBV | 10085832 | 12204119 | 37.95% | 2.460% |
| 83 | 19.768 | 2863 | 2870 | 2876 | rBV3 | 1129657 | 2549247 | 7.93% | 0.514% |
| 84 | 19.856 | 2881 | 2885 | 2889 | rBV | 6756698 | 7186430 | 22.35% | 1.448% |
| 85 | 20.356 | 2966 | 2970 | 2973 | rVV | 9818482 | 10507600 | 32.67% | 2.118% |
| 86 | 20.786 | 3036 | 3043 | 3046 | rBV | 14673046 | 25725754 | 79.99% | 5.185% |
| 87 | 20.821 | 3046 | 3049 | 3058 | rVB | 13174304 | 14858604 | 46.20% | 2.995% |
| 88 | 21.051 | 3084 | 3088 | 3091 | rVB2 | 2651924 | 3096845 | 9.63% | 0.624% |
| 89 | 21.227 | 3114 | 3118 | 3120 | rBV | 1519927 | 2164749 | 6.73% | 0.436% |
| 90 | 21.256 | 3120 | 3123 | 3130 | rVB | 13151328 | 14457056 | 44.95% | 2.914% |
| 91 | 21.680 | 3190 | 3195 | 3202 | rBV | 11756686 | 13587912 | 42.25% | 2.739% |
| 92 | 21.997 | 3246 | 3249 | 3262 | rVB3 | 974091 | 1960044 | 6.09% | 0.395% |
| 93 | 22.115 | 3264 | 3269 | 3276 | rBV | 9683342 | 11577967 | 36.00% | 2.333% |
| 94 | 22.592 | 3345 | 3350 | 3364 | rVB | 7491892 | 11118034 | 34.57% | 2.241% |
| 95 | 23.121 | 3435 | 3440 | 3444 | rBV | 5011207 | 7812900 | 24.29% | 1.575% |
| 96 | 23.168 | 3444 | 3448 | 3463 | rVB | 2468717 | 4367616 | 13.58% | 0.880% |
| 97 | 23.721 | 3536 | 3542 | 3549 | rVB | 3428435 | 6178621 | 19.21% | 1.245% |
| 98 | 24.409 | 3653 | 3659 | 3666 | rVB | 2041504 | 4022773 | 12.51% | 0.811% |
| 99 | 25.209 | 3789 | 3795 | 3808 | rVB2 | 1288728 | 3229274 | 10.04% | 0.651% |
| 100 | 26.144 | 3950 | 3954 | 3966 | rVB2 | 728306 | 1853902 | 5.76% | 0.374% |

Sum of corrected areas: 496177367

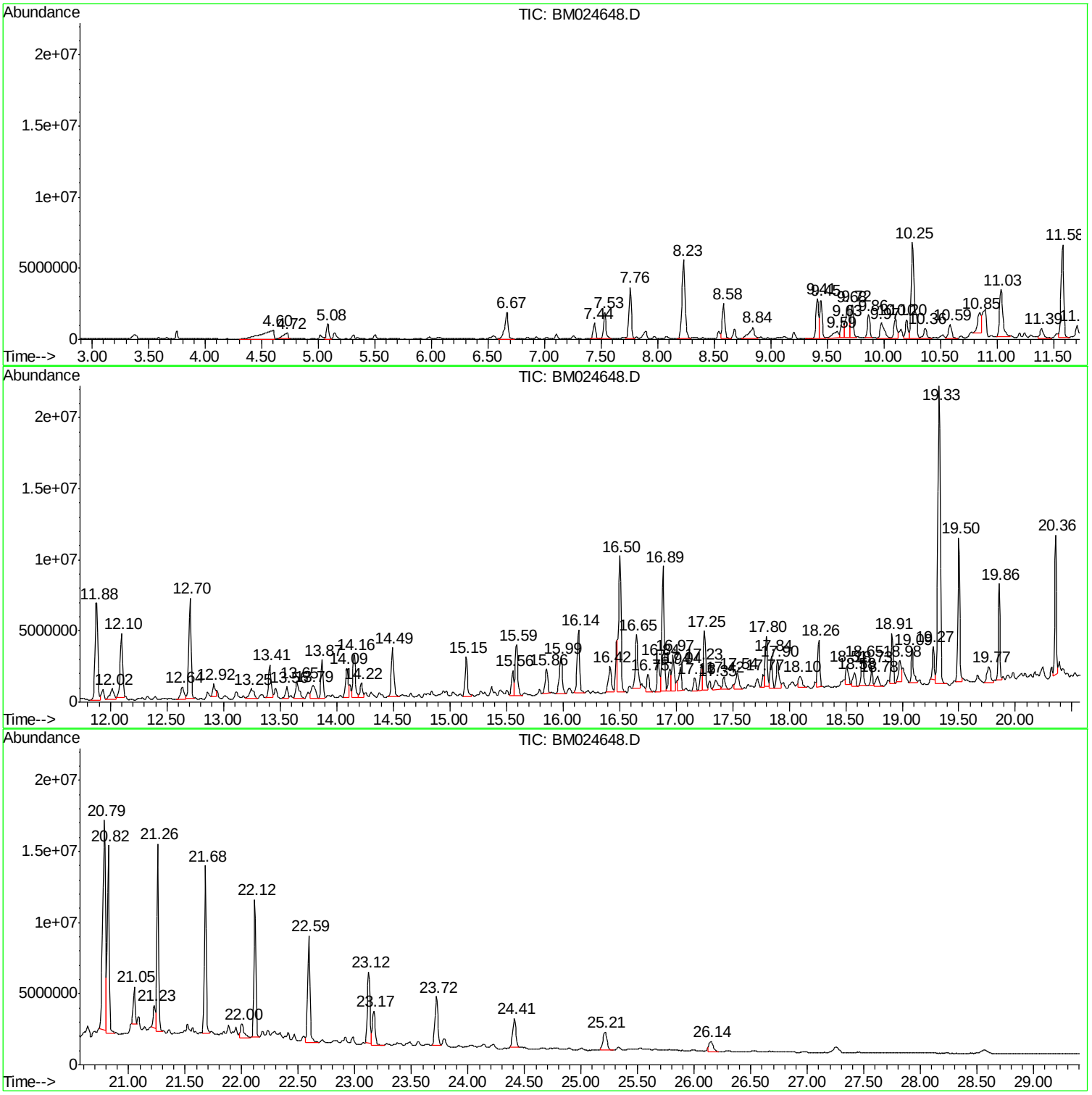
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

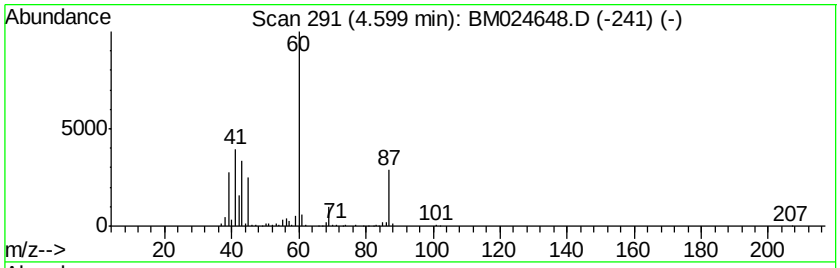
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

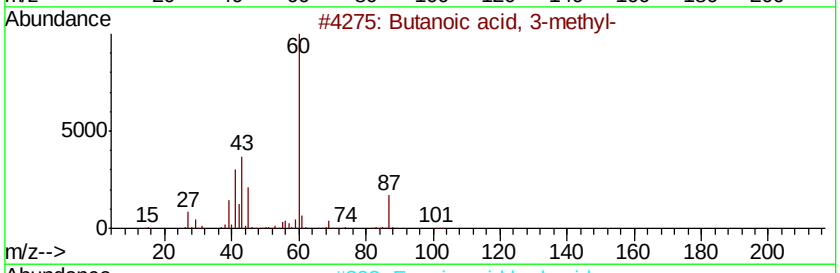
**********

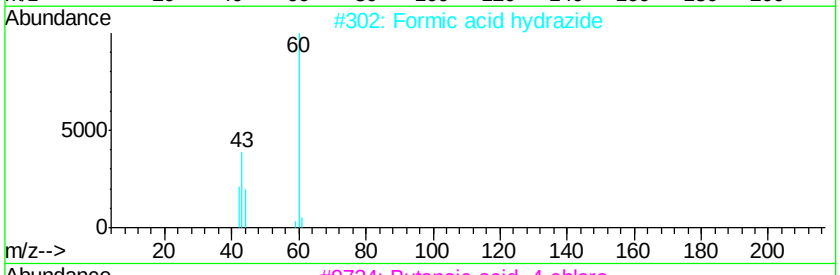
Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 11

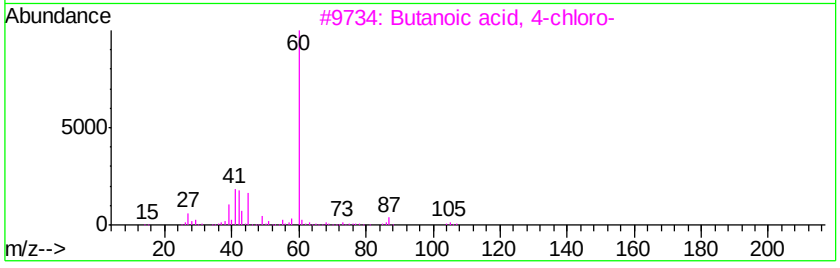
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.60 | 57.79 ng | 4945700 | 1,4-Dichlorobenzene-d4 | 7.44 |

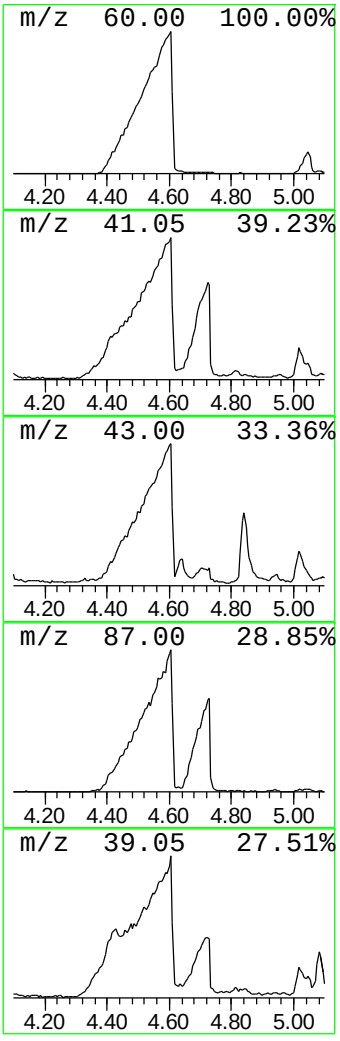
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 83 |
| 2 | Formic acid hydrazide | 60 | CH4N2O | 000624-84-0 | 50 |
| 3 | Butanoic acid, 4-chloro- | 122 | C4H7ClO2 | 000627-00-9 | 38 |
| 4 | 1,2-Hydrazinedicarboxaldehyde | 88 | C2H4N2O2 | 000628-36-4 | 38 |
| 5 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 28 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

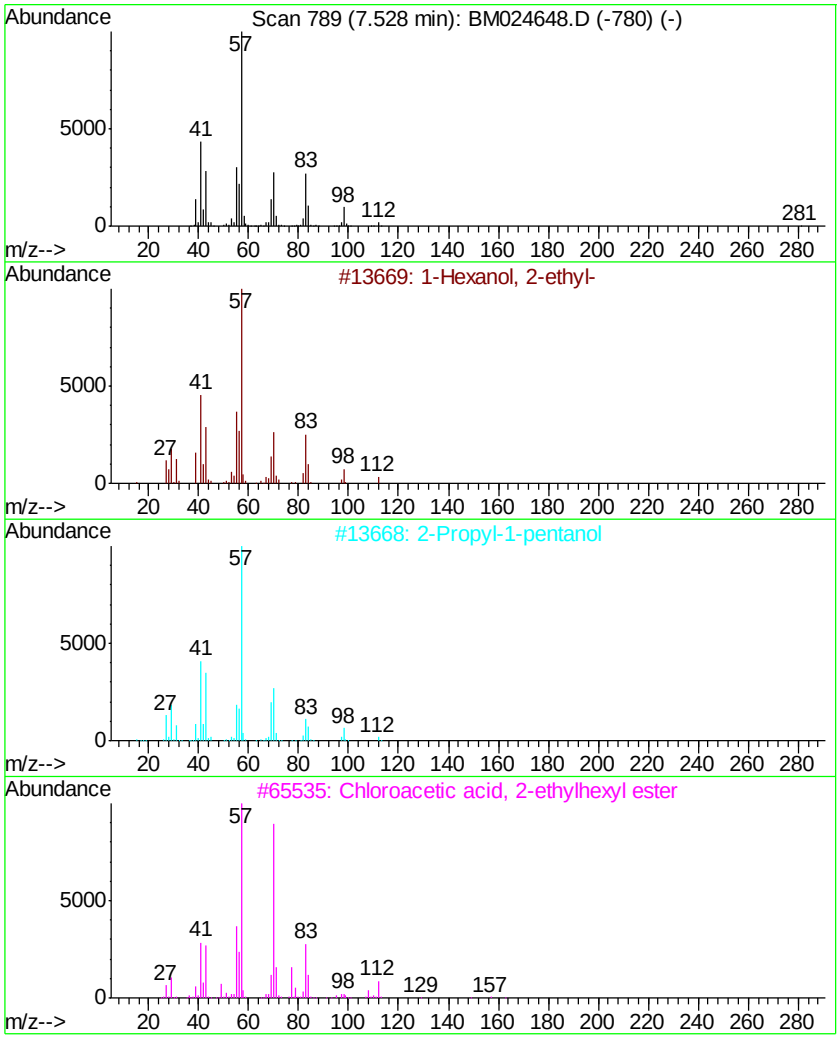
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

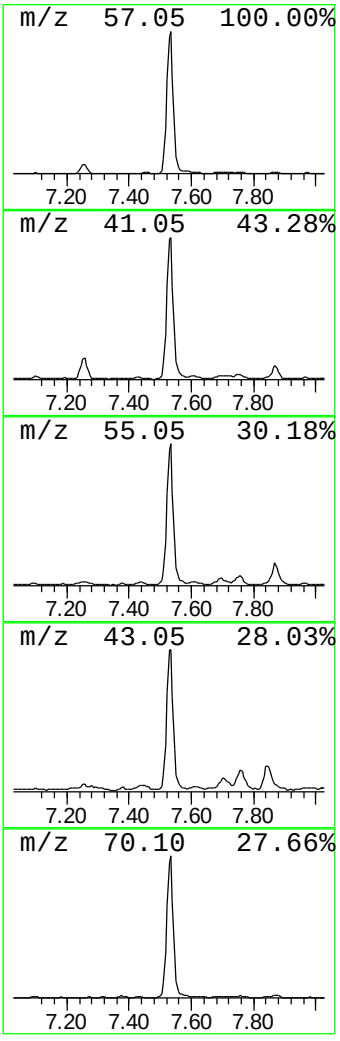
**********

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.53 | 34.66 ng | 2966870 | 1,4-Dichlorobenzene-d4 | 7.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 83 |
| 2 | 2-Propyl-1-pentanol | 130 | C8H18O | 058175-57-8 | 59 |
| 3 | Chloroacetic acid, 2-ethylhexyl ... | 206 | C10H19ClO2 | 005345-58-4 | 59 |
| 4 | Heptane, 1,1'-oxybis- | 214 | C14H30O | 000629-64-1 | 53 |
| 5 | Heptyl isobutyl carbonate | 216 | C12H24O3 | 959068-08-7 | 47 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

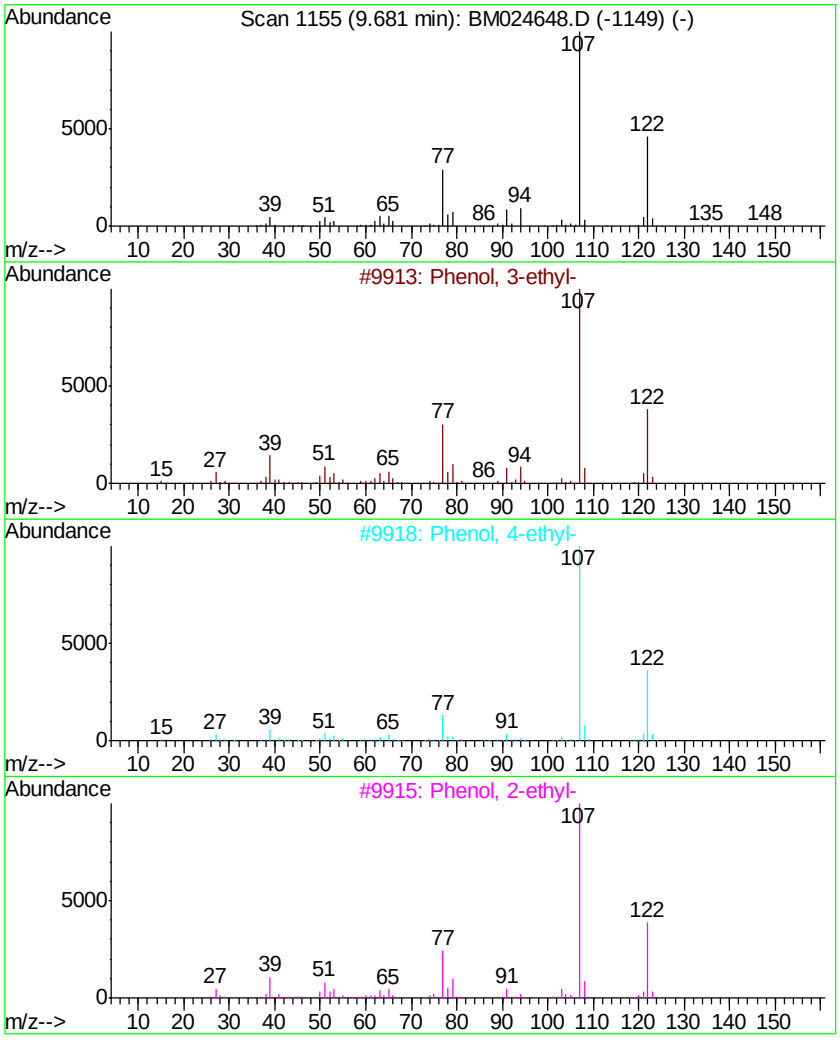
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

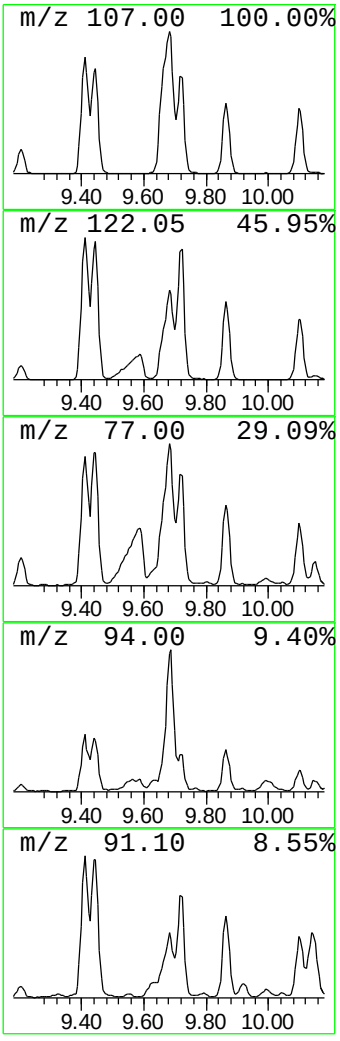
**********

Peak Number 4 Phenol, 3-ethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.68 | 45.70 ng | 4894400 | Naphthalene-d8 | 10.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 91 |
| 2 | Phenol, 4-ethyl- | 122 | C8H10O | 000123-07-9 | 86 |
| 3 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 86 |
| 4 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 72 |
| 5 | 3,3-Dimethyl-6-methylenecyclohexene | 122 | C9H14 | 020185-16-4 | 72 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

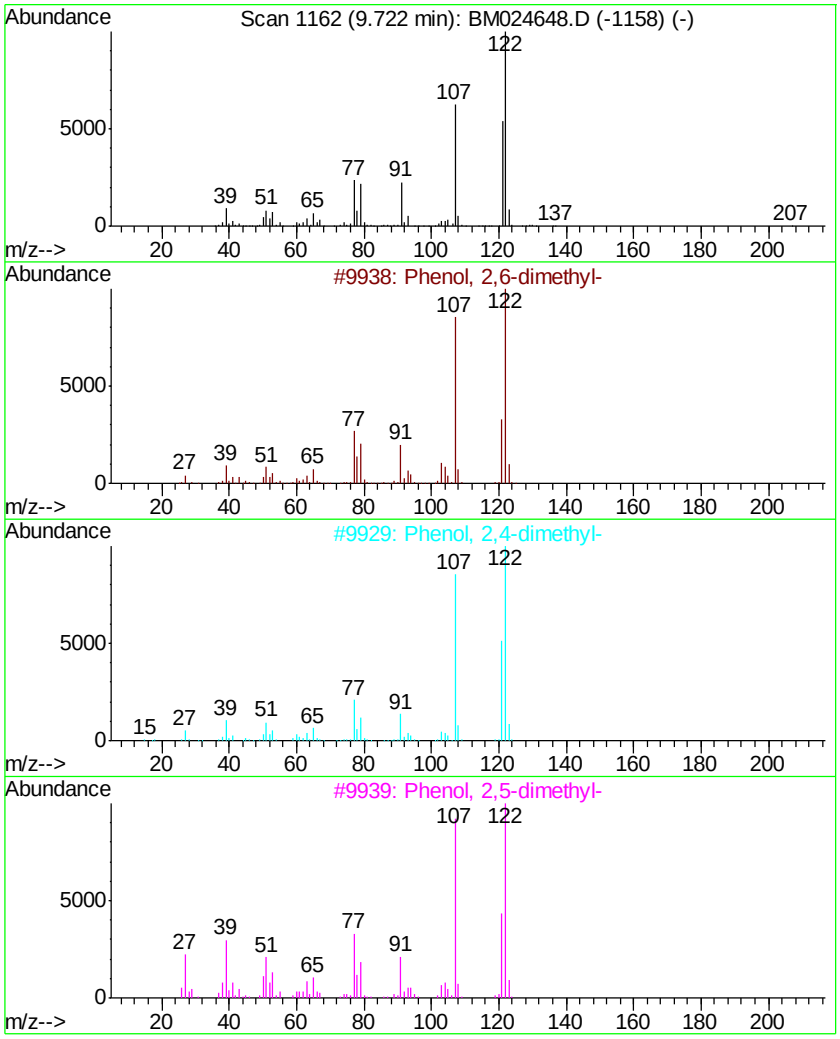
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

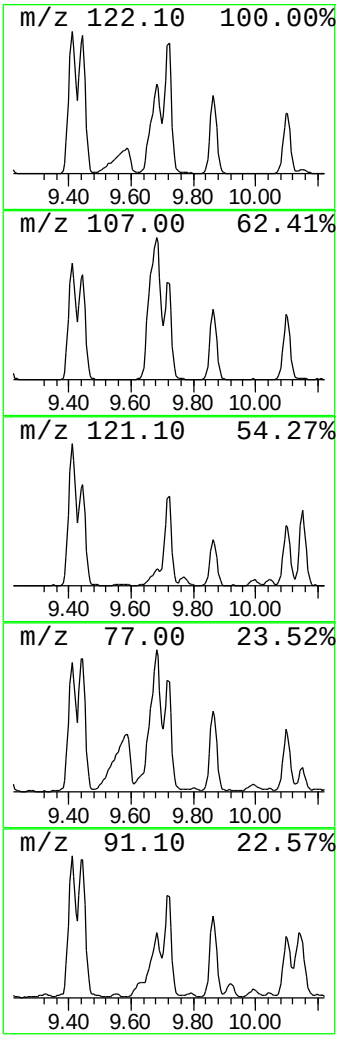
**********

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.72 | 32.64 ng | 3495030 | Naphthalene-d8 | 10.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 90 |
| 2 | Phenol, 2,4-dimethyl- | 122 | C8H10O | 000105-67-9 | 87 |
| 3 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 87 |
| 4 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 86 |
| 5 | 1,3-Cyclopentadiene, 1,2,5,5-tet... | 122 | C9H14 | 004249-12-1 | 86 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

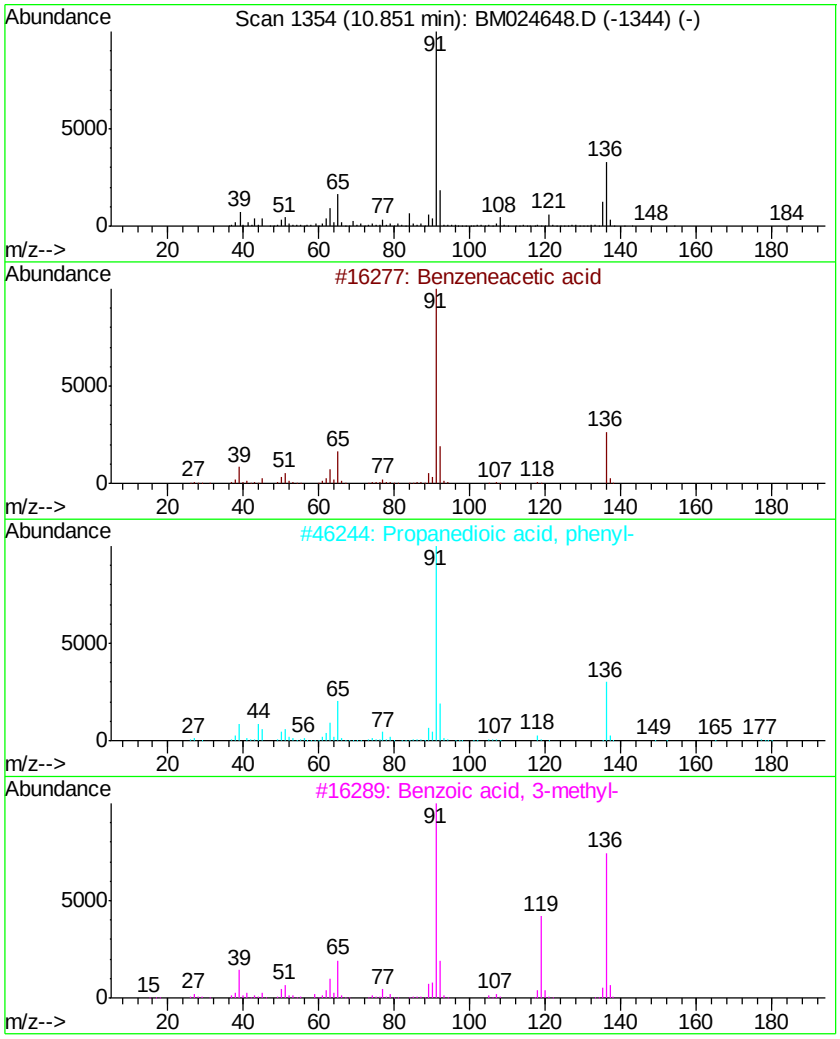
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

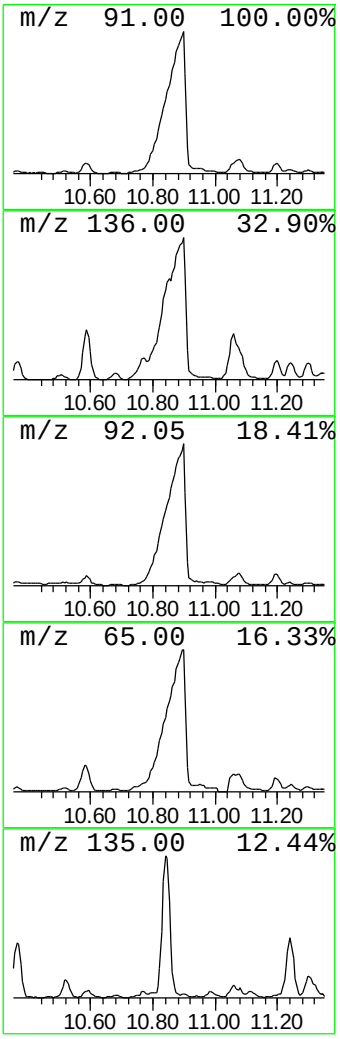
**********

Peak Number 6 Benzeneacetic acid Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.85 | 31.30 ng | 3351480 | Naphthalene-d8 | 10.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 91 |
| 2 | Propanedioic acid, phenyl- | 180 | C9H8O4 | 002613-89-0 | 49 |
| 3 | Benzoic acid, 3-methyl- | 136 | C8H8O2 | 000099-04-7 | 46 |
| 4 | Benzoic acid, 4-methyl- | 136 | C8H8O2 | 000099-94-5 | 38 |
| 5 | p-Methylbenzeneboronic acid | 136 | C7H9BO2 | 005720-05-8 | 35 |



Library Search Compound Report

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Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

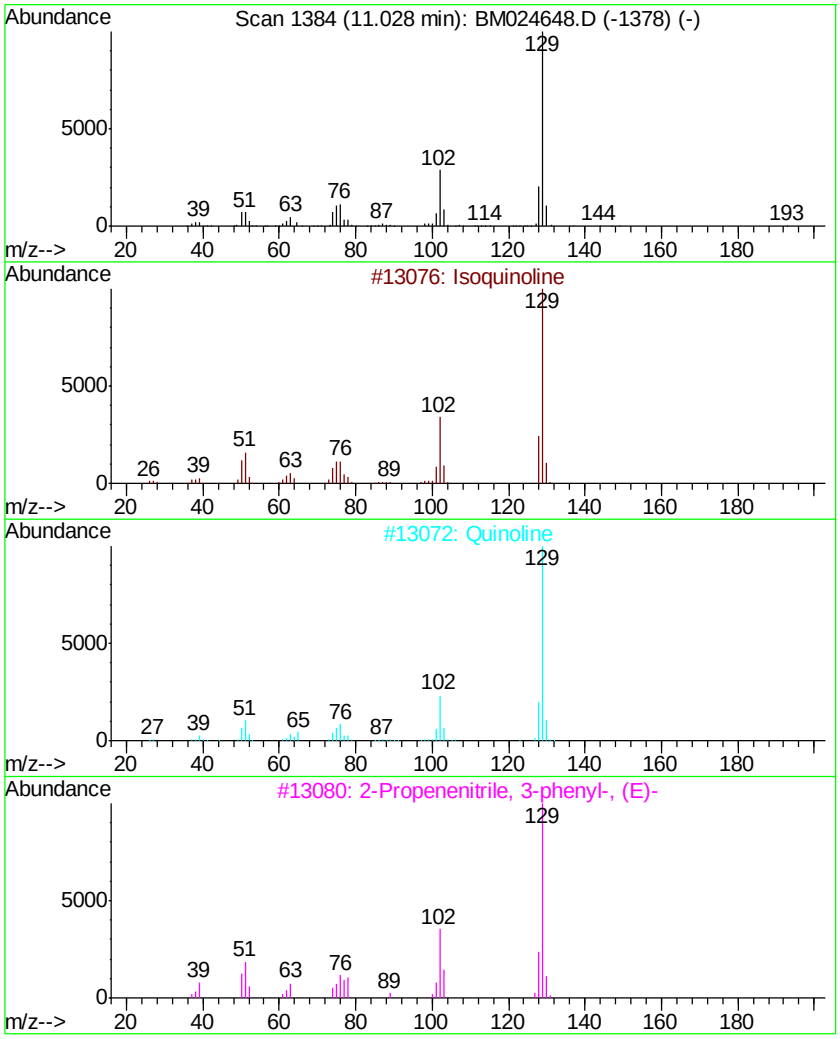
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

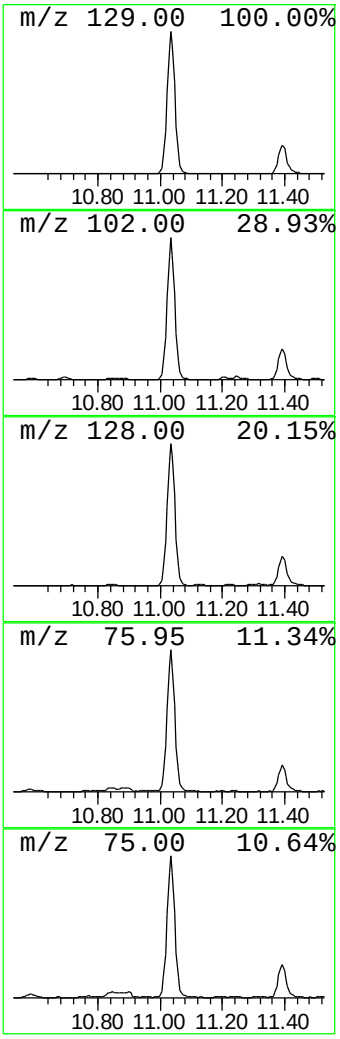
**********

Peak Number 7 Isoquinoline Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.03 | 65.42 ng | 7006020 | Naphthalene-d8 | 10.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isoquinoline | 129 | C9H7N | 000119-65-3 | 94 |
| 2 | Quinoline | 129 | C9H7N | 000091-22-5 | 94 |
| 3 | 2-Propenenitrile, 3-phenyl-, (E)- | 129 | C9H7N | 001885-38-7 | 87 |
| 4 | Benzeneacetonitrile, .alpha.-met... | 129 | C9H7N | 000495-10-3 | 86 |
| 5 | 2,4-Dicyanopyridine | 129 | C7H3N3 | 029181-50-8 | 72 |



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Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

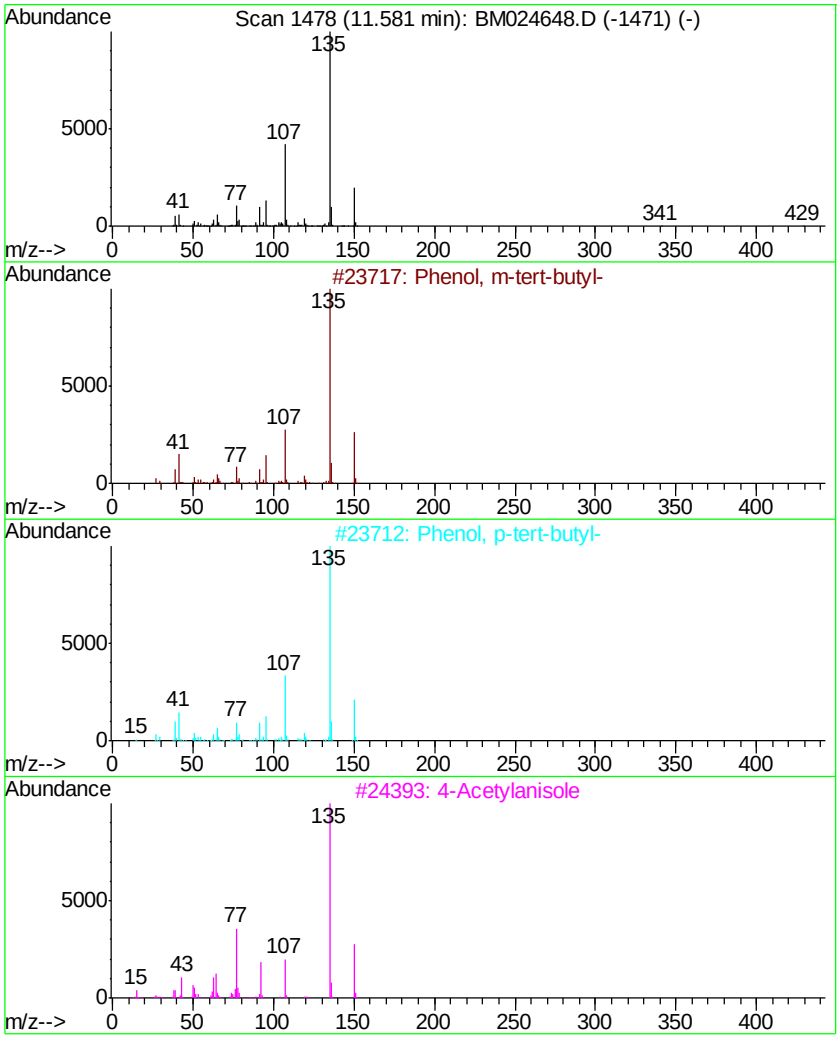
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

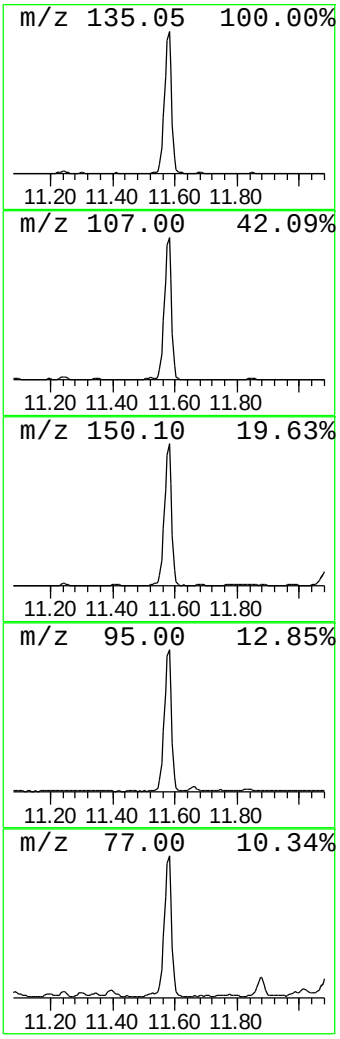
**********

Peak Number 8 Phenol, m-tert-butyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.58 | 99.58 ng | 10663800 | Naphthalene-d8 | 10.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 93 |
| 2 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 93 |
| 3 | 4-Acetylanisole | 150 | C9H10O2 | 000100-06-1 | 53 |
| 4 | Phenol, 2-(1,1-dimethylethyl)- | 150 | C10H14O | 000088-18-6 | 53 |
| 5 | Thymol | 150 | C10H14O | 000089-83-8 | 47 |



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Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

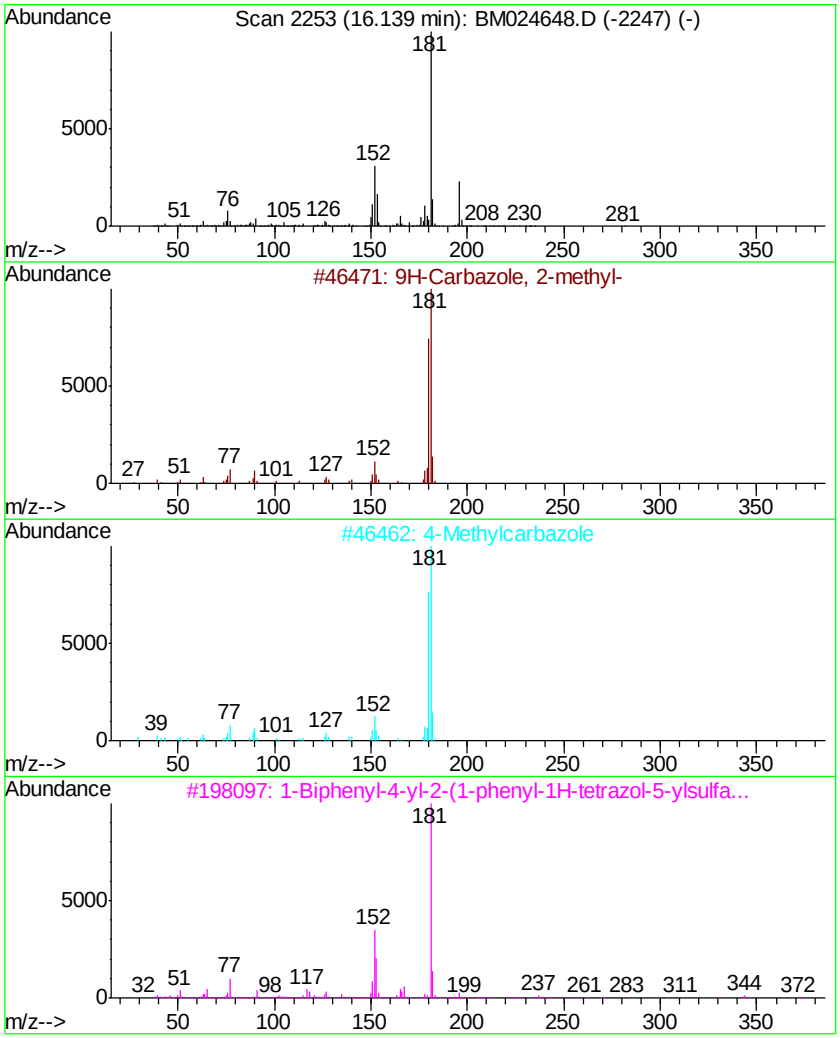
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

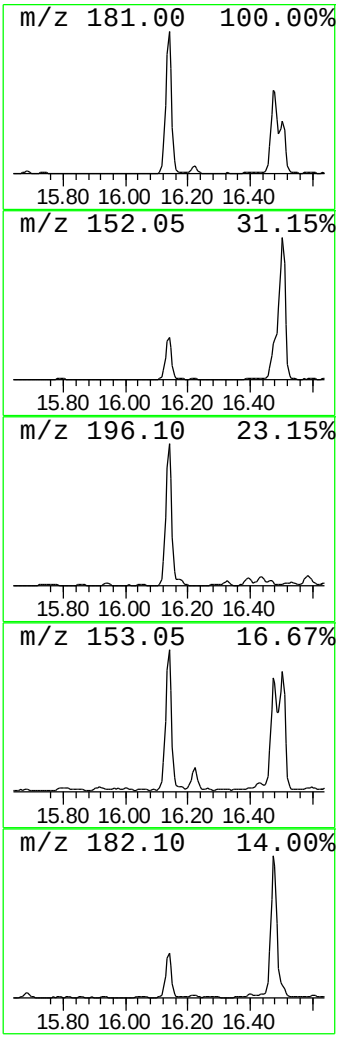
**********

Peak Number 9 9H-Carbazole, 2-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.14 | 36.74 ng | 6633560 | Phenanthrene-d10 | 16.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 72 |
| 2 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 64 |
| 3 | 1-Biphenyl-4-yl-2-(1-phenyl-1H-t... | 372 | C21H16N4OS | 1000300-31-5 | 59 |
| 4 | Benzene, 1,1'-(1-methylethyliden... | 196 | C15H16 | 000778-22-3 | 59 |
| 5 | 2-Fluorenamine | 181 | C13H11N | 000153-78-6 | 53 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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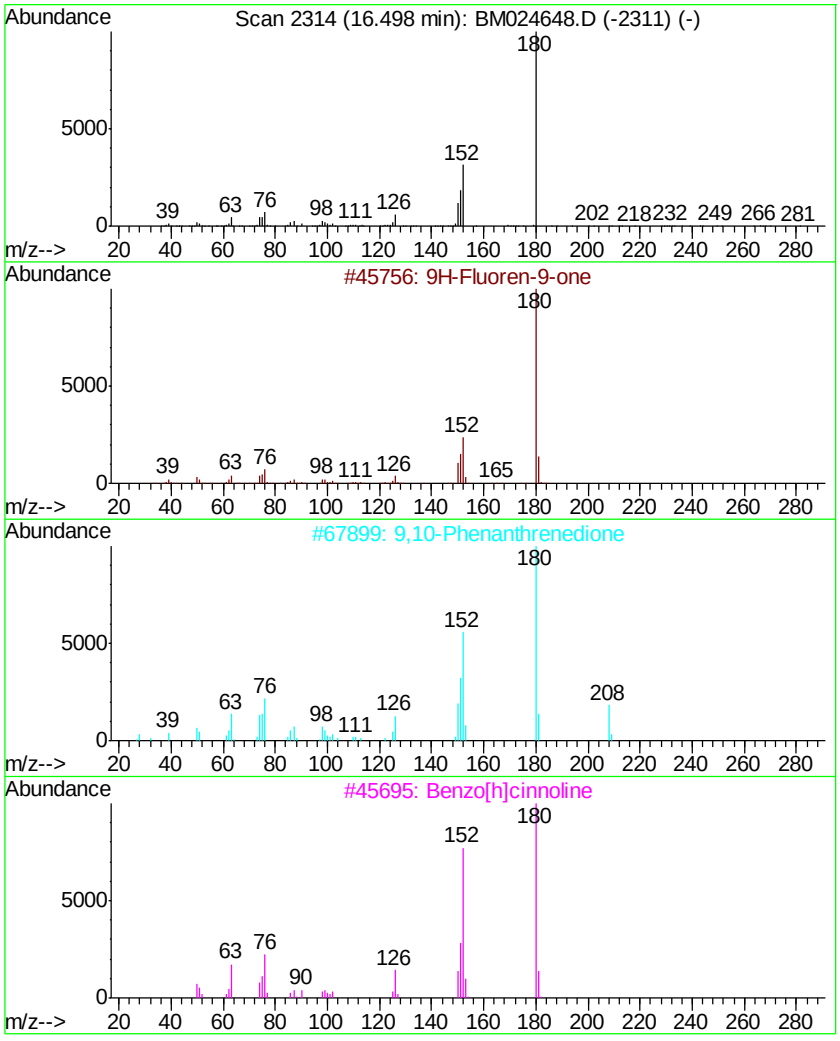
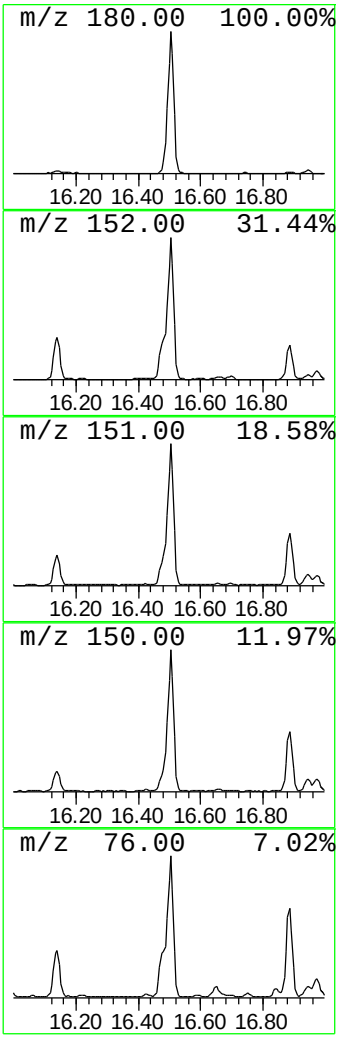
Peak Number 10 9H-Fluoren-9-one Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.50 | 75.43 ng | 13617900 | Phenanthrene-d10 | 16.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 95 |
| 2 | 9,10-Phenanthrenedione | 208 | C14H8O2 | 000084-11-7 | 83 |
| 3 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 64 |
| 4 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 45 |
| 5 | Diphenic anhydride | 224 | C14H8O3 | 006050-13-1 | 27 |



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Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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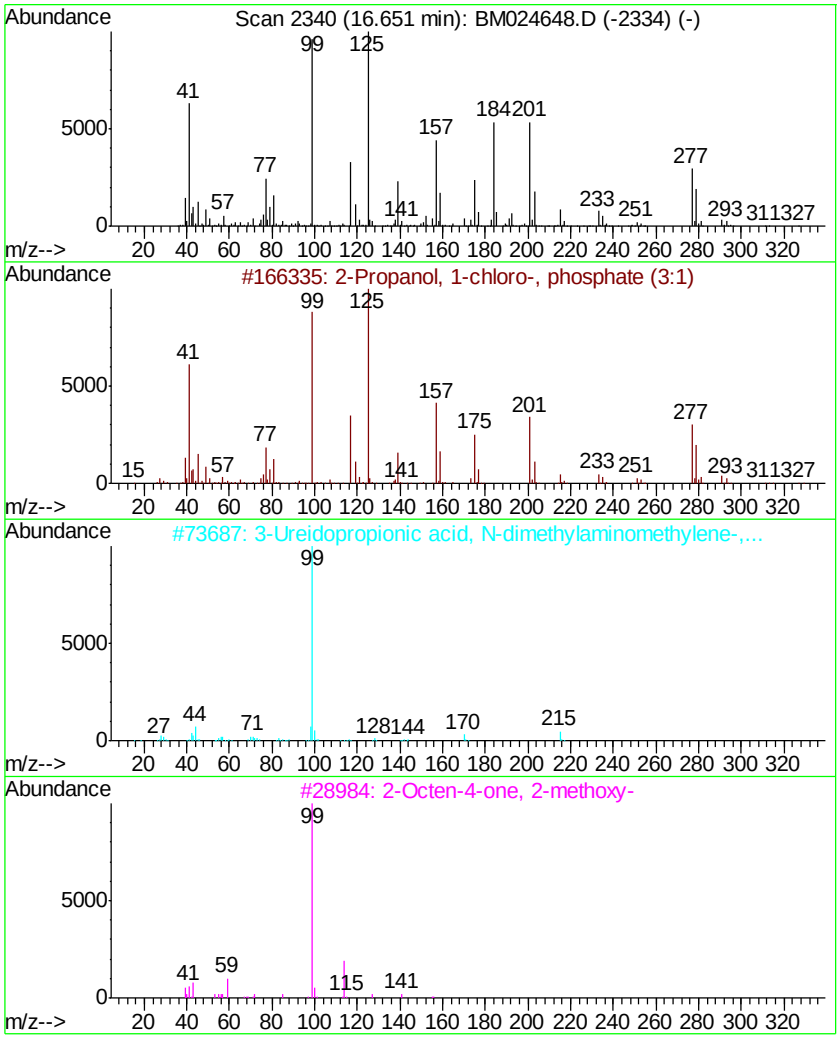
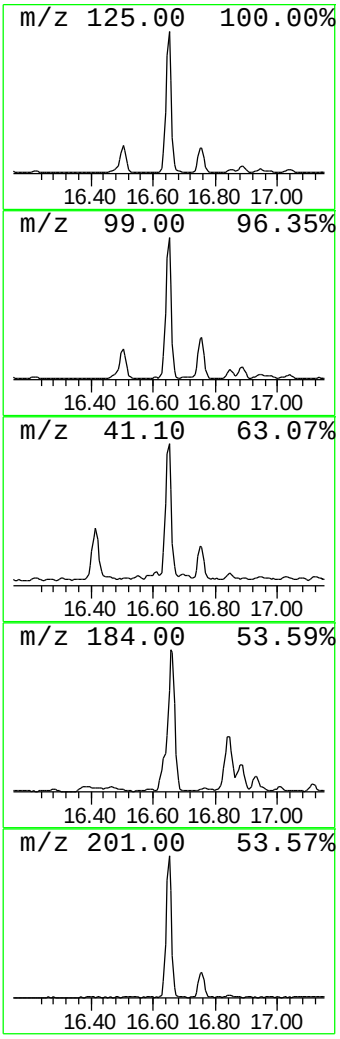
Peak Number 11 2-Propanol, 1-chloro-, phos... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.65 | 34.12 ng | 6160070 | Phenanthrene-d10 | 16.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-chloro-, phosphate... | 326 | C9H18Cl3O4P | 013674-84-5 | 93 |
| 2 | 3-Ureidopropionic acid, N-dimeth... | 215 | C9H17N3O3 | 1000375-52-1 | 10 |
| 3 | 2-Octen-4-one, 2-methoxy- | 156 | C9H16O2 | 024985-48-6 | 10 |
| 4 | Bis(1-chloro-2-propyl)(3-chloro-... | 326 | C9H18Cl3O4P | 137909-40-1 | 10 |
| 5 | Isopropylphosphonic acid, dihept... | 320 | C17H37O3P | 1000273-18-5 | 10 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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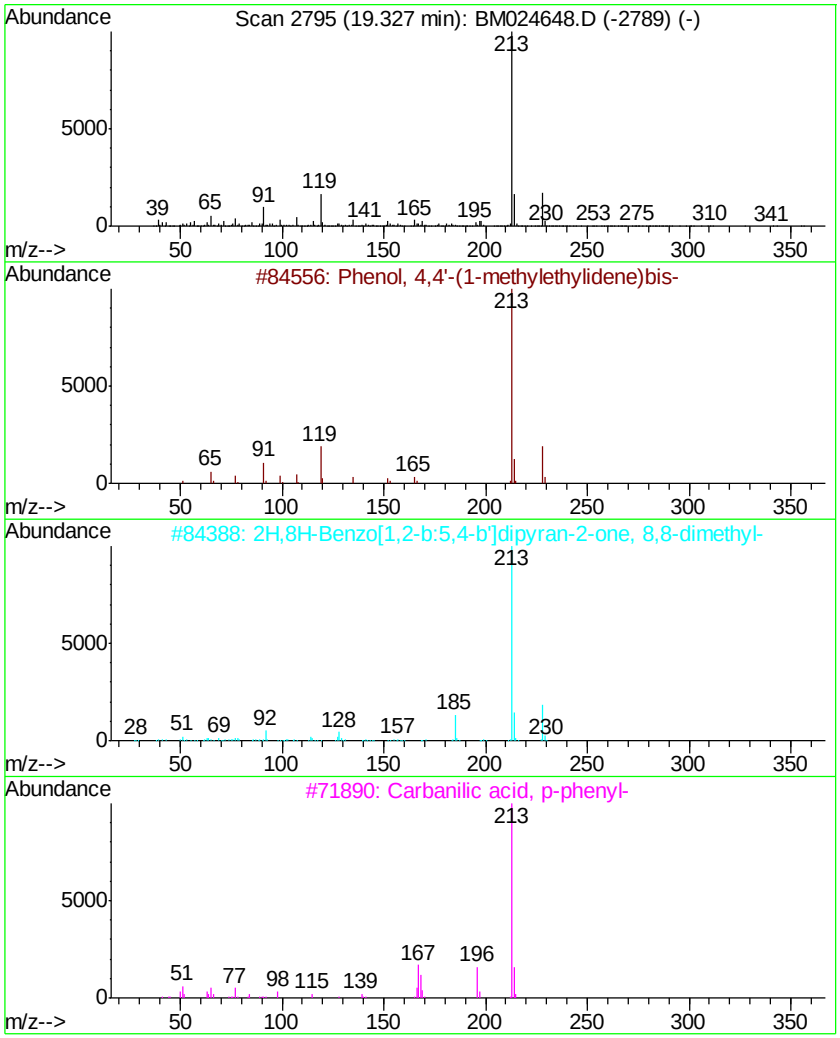
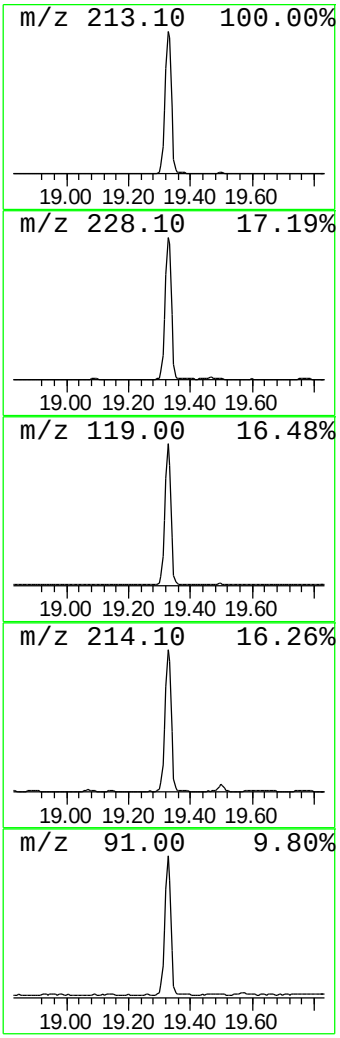
Peak Number 12 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.33 | 207.69 ng | 32159600 | Chrysene-d12 | 21.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 98 |
| 2 | 2H,8H-Benzo[1,2-b:5,4-b']dipyran... | 228 | C14H12O3 | 000553-19-5 | 59 |
| 3 | Carbanilic acid, p-phenyl- | 213 | C13H11NO2 | 004474-53-7 | 52 |
| 4 | 2,5-bis(Trimethylsilyl)thiophene | 228 | C10H20SSi2 | 017906-71-7 | 42 |
| 5 | Carbamic acid, [1,1'-biphenyl]-3... | 213 | C13H11NO2 | 055030-29-0 | 40 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

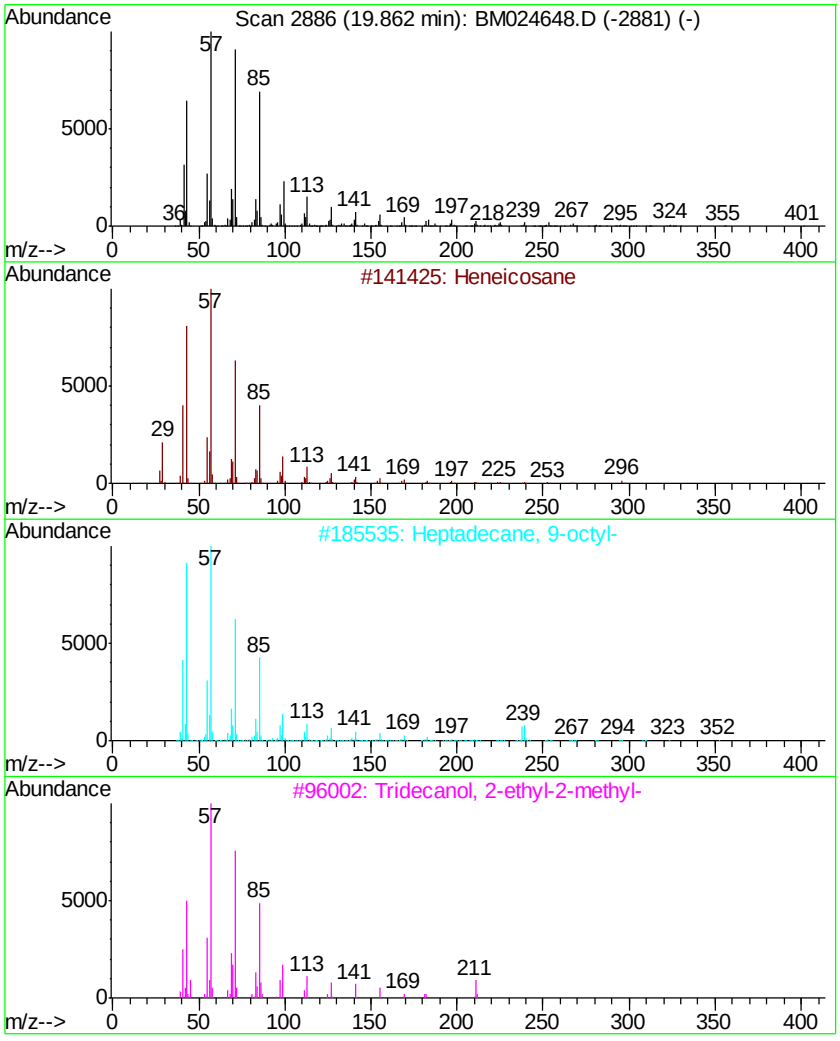
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

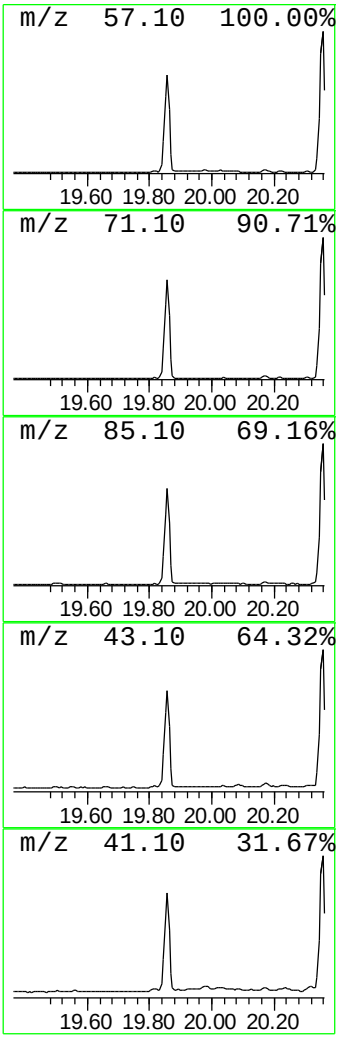
**********

Peak Number 13 Heneicosane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.86 | 46.41 ng | 7186430 | Chrysene-d12 | 21.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 97 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 3 | Tridecanol, 2-ethyl-2-methyl- | 242 | C16H34O | 1000115-66-1 | 91 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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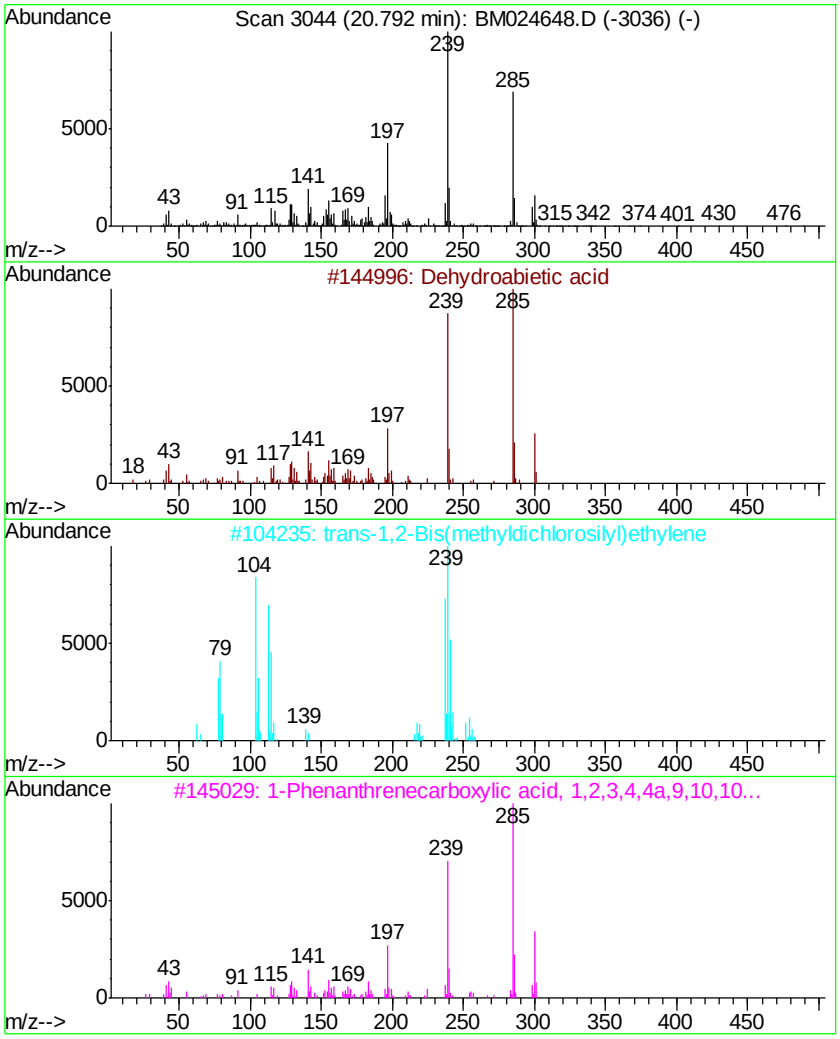
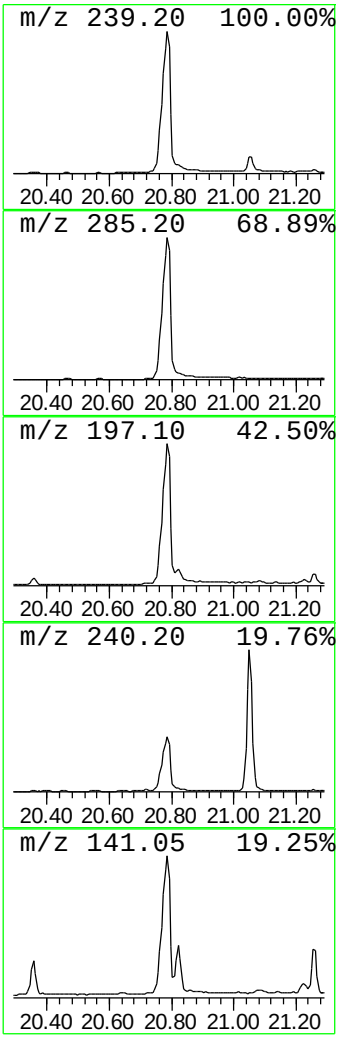
Peak Number 15 Dehydroabietic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.79 | 166.14 ng | 25725800 | Chrysene-d12 | 21.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 95 |
| 2 | trans-1,2-Bis(methyldichlorosily... | 252 | C4H8Cl4Si2 | 065899-10-7 | 94 |
| 3 | 1-Phenanthrenecarboxylic acid, 1... | 300 | C20H28O2 | 005155-70-4 | 64 |
| 4 | Ethyl 4-hydroxy-7-trifluoromethy... | 285 | C13H10F3NO3 | 000391-02-6 | 47 |
| 5 | 2-Ethylidene-hydrazono-3-methyl-... | 239 | C10H10ClN3S | 1000148-08-4 | 43 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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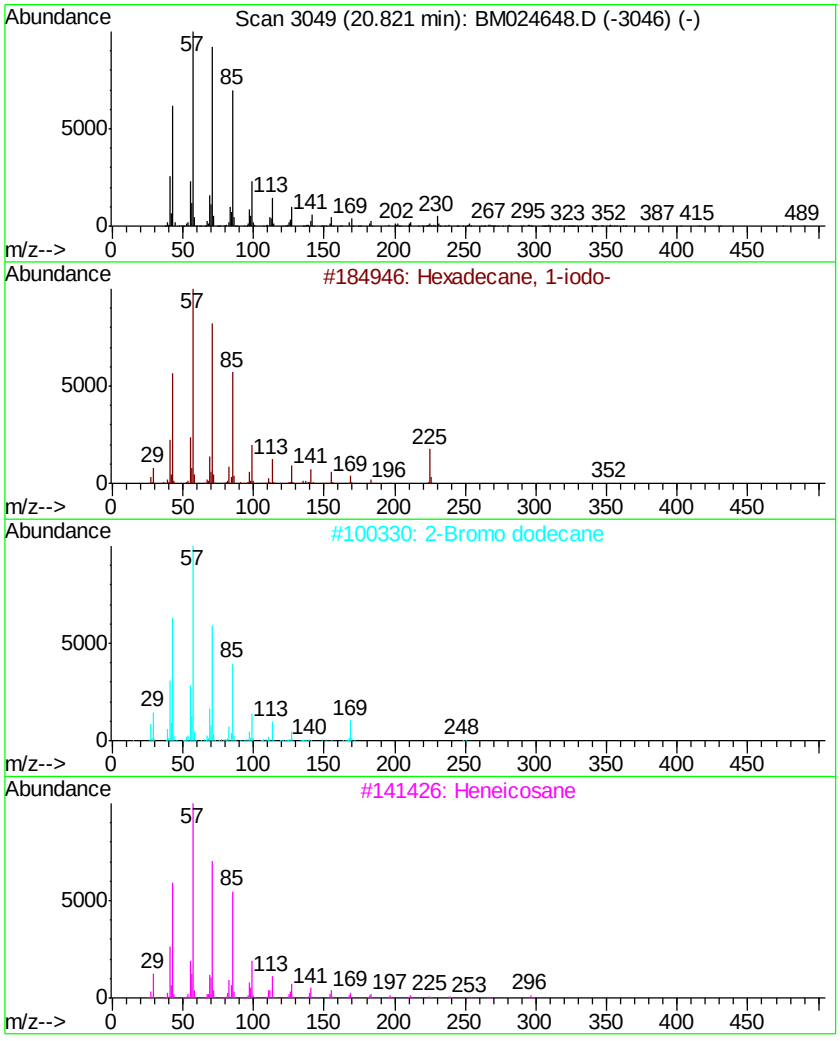
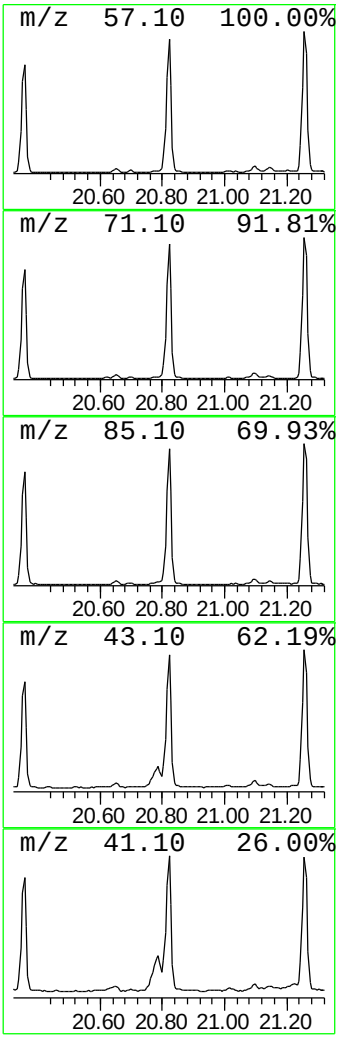
Peak Number 16 Hexadecane, 1-iodo- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.82 | 95.96 ng | 14858600 | Chrysene-d12 | 21.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 95 |
| 2 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Docosane | 310 | C22H46 | 000629-97-0 | 86 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |



# Library Search Compound Report

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Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

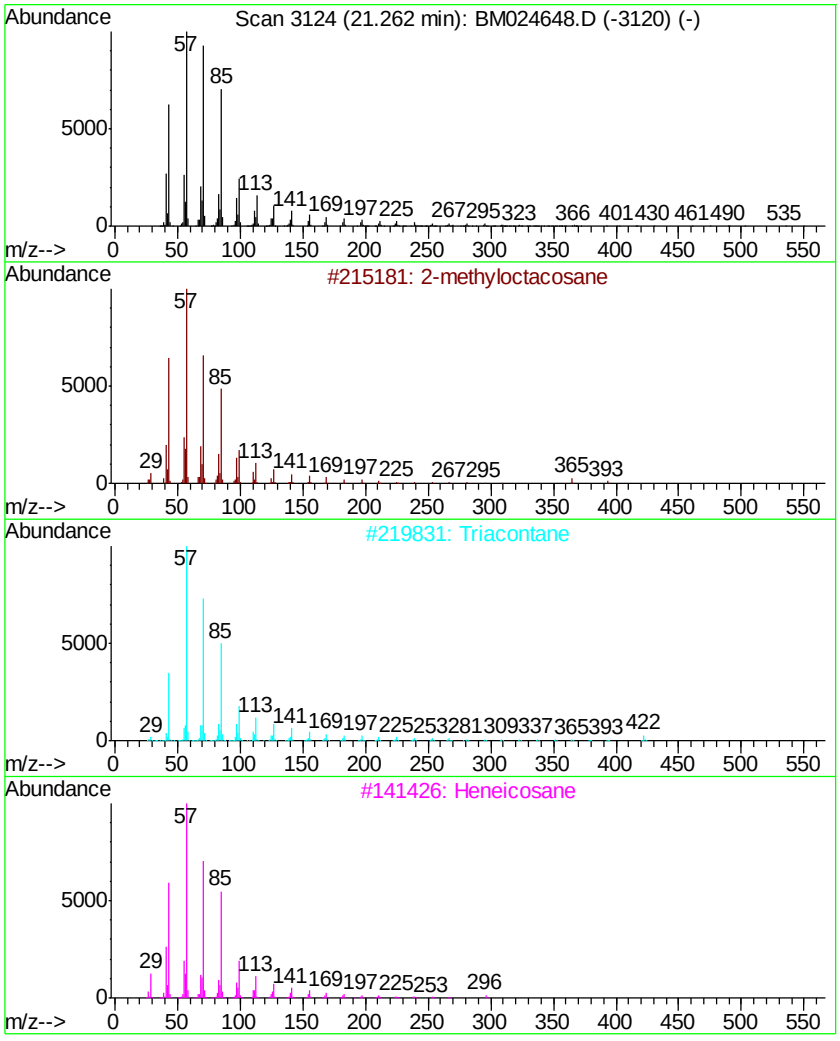
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

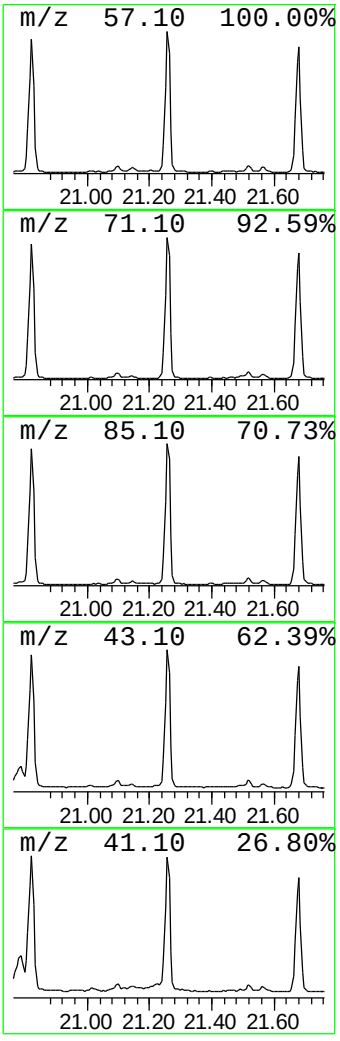
**********

Peak Number 17 2-methyloctacosane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.26 | 93.37 ng | 14457100 | Chrysene-d12 | 21.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 2 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Docosane | 310 | C22H46 | 000629-97-0 | 91 |
| 5 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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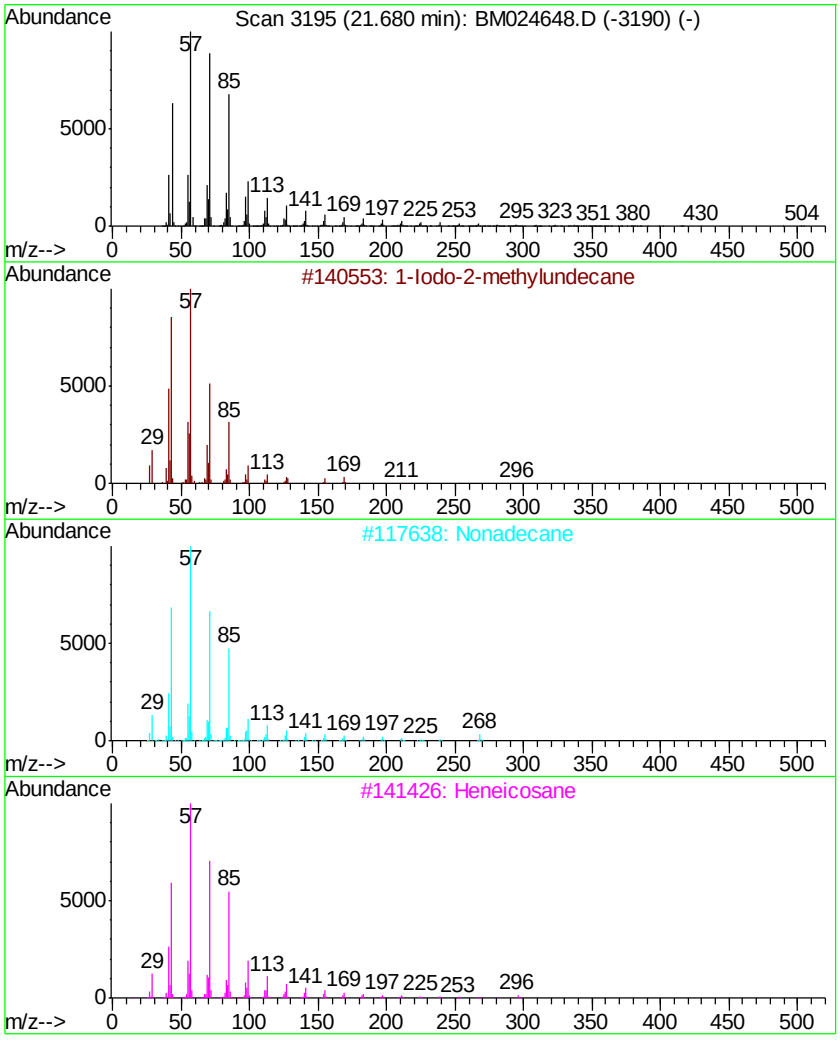
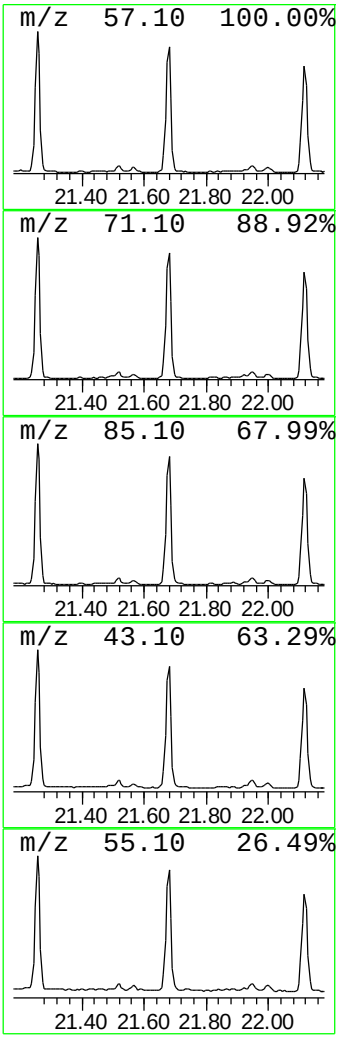
Peak Number 18 1-Iodo-2-methylundecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.68 | 87.75 ng | 13587900 | Chrysene-d12 | 21.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 94 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 5 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

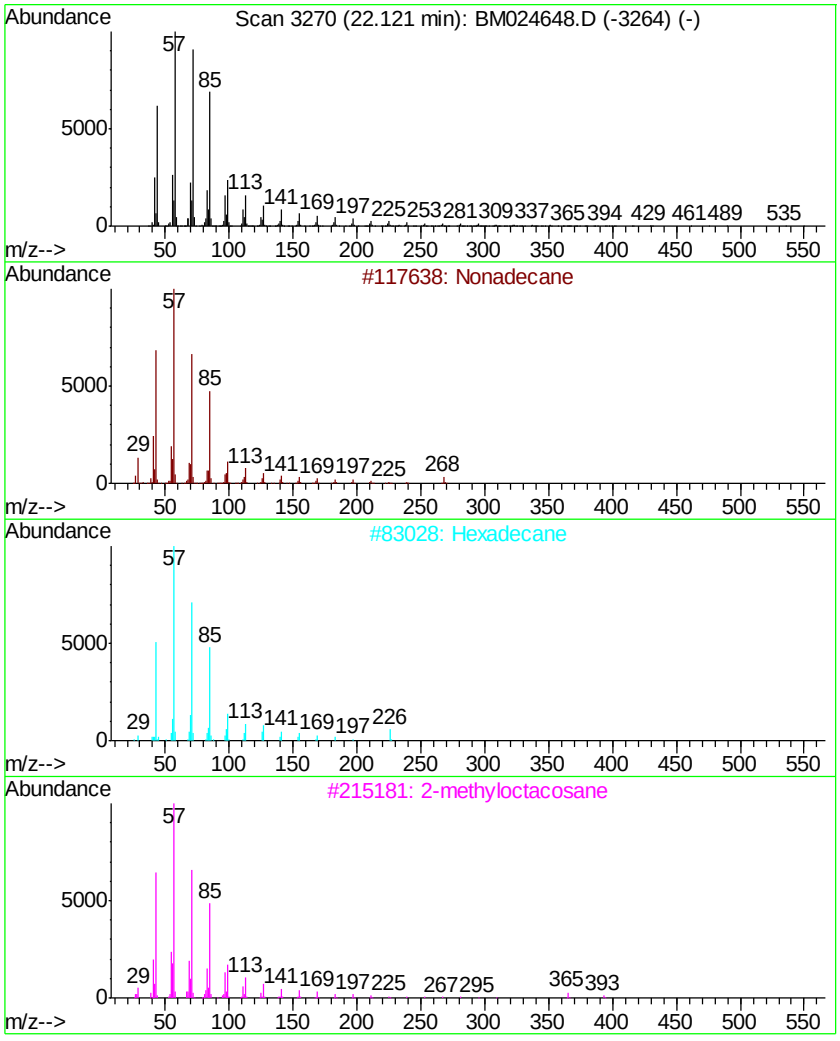
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

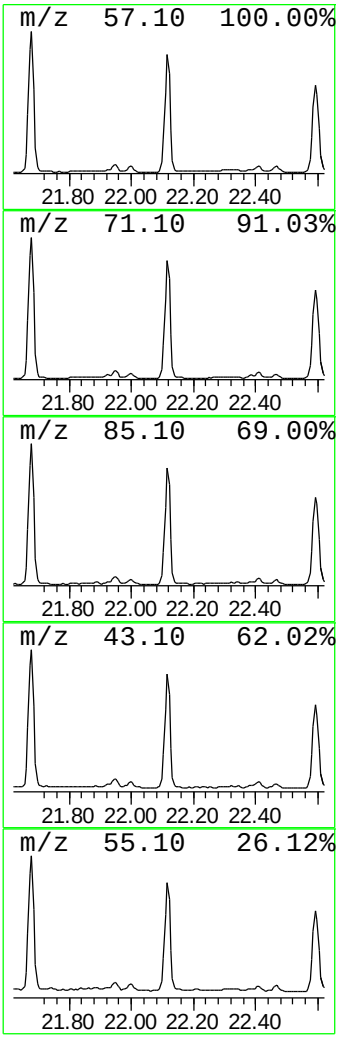
**********

Peak Number 19 Nonadecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.12 | 53.02 ng | 11578000 | Perylene-d12 | 23.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 5 | Docosane | 310 | C22H46 | 000629-97-0 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

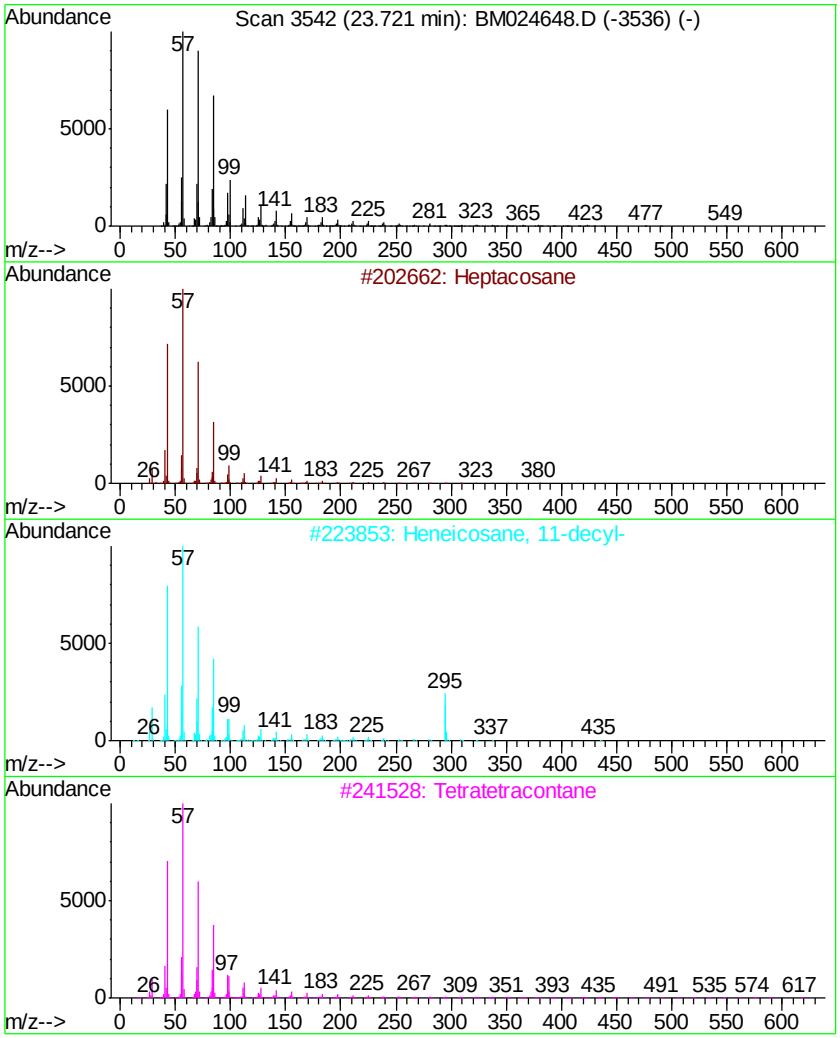
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

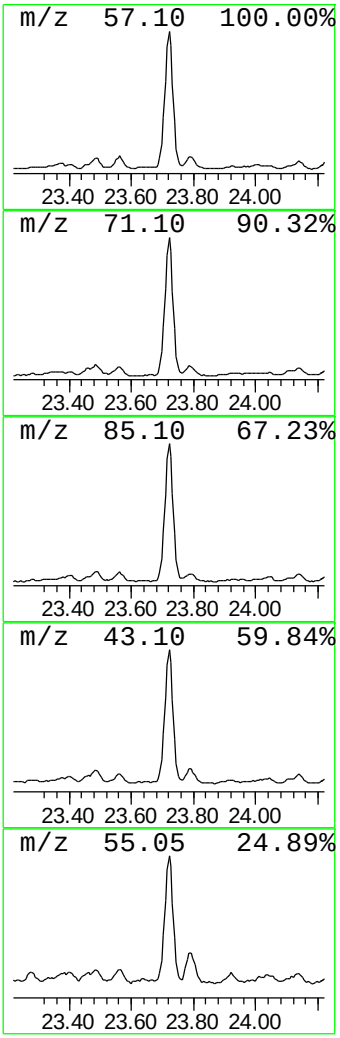
**********

Peak Number 20 Heptacosane Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.72 | 28.29 ng | 6178620 | Perylene-d12 | 23.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 98 |
| 2 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 93 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 4 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 91 |
| 5 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012920\
Data File : BM024648.D
Acq On : 29 Jan 2020 13:53
Operator : CG/JU
Sample : L1256-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TANK-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 |
| Butanoic acid, 3-... | 4.60 | 57.8 | ng | 4945700 | 1 | 7.44 | 1711740 | 20.0 |
| 1-Hexanol, 2-ethyl- | 7.53 | 34.7 | ng | 2966870 | 1 | 7.44 | 1711740 | 20.0 |
| Phenol, 3-ethyl- | 9.68 | 45.7 | ng | 4894400 | 2 | 10.20 | 2141750 | 20.0 |
| Phenol, 2,6-dimet... | 9.72 | 32.6 | ng | 3495030 | 2 | 10.20 | 2141750 | 20.0 |
| Benzeneacetic acid | 10.85 | 31.3 | ng | 3351480 | 2 | 10.20 | 2141750 | 20.0 |
| Isoquinoline | 11.03 | 65.4 | ng | 7006020 | 2 | 10.20 | 2141750 | 20.0 |
| Phenol, m-tert-bu... | 11.58 | 99.6 | ng | 10663800 | 2 | 10.20 | 2141750 | 20.0 |
| 9H-Carbazole, 2-m... | 16.14 | 36.7 | ng | 6633560 | 4 | 16.84 | 3610960 | 20.0 |
| 9H-Fluoren-9-one | 16.50 | 75.4 | ng | 13617900 | 4 | 16.84 | 3610960 | 20.0 |
| 2-Propanol, 1-chl... | 16.65 | 34.1 | ng | 6160070 | 4 | 16.84 | 3610960 | 20.0 |
| Phenol, 4,4'-(1-m... | 19.33 | 207.7 | ng | 32159600 | 5 | 21.05 | 3096850 | 20.0 |
| Heneicosane | 19.86 | 46.4 | ng | 7186430 | 5 | 21.05 | 3096850 | 20.0 |
| Dehydroabietic acid | 20.79 | 166.1 | ng | 25725800 | 5 | 21.05 | 3096850 | 20.0 |
| Hexadecane, 1-iodo- | 20.82 | 96.0 | ng | 14858600 | 5 | 21.05 | 3096850 | 20.0 |
| 2-methyloctacosane | 21.26 | 93.4 | ng | 14457100 | 5 | 21.05 | 3096850 | 20.0 |
| 1-Iodo-2-methylun... | 21.68 | 87.8 | ng | 13587900 | 5 | 21.05 | 3096850 | 20.0 |
| Nonadecane | 22.12 | 53.0 | ng | 11578000 | 6 | 23.17 | 4367620 | 20.0 |
| Heptacosane | 23.72 | 28.3 | ng | 6178620 | 6 | 23.17 | 4367620 | 20.0 |