

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
 Data File : BP004771.D  
 Acq On : 17 Feb 2021 14:04  
 Operator : CG/JU  
 Sample : M1407-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBGJ3

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.252    | 7          | 11       | 15        | rBV   | 10970       | 12804      | 0.98%        | 0.099%     |
| 2      | 6.934    | 628        | 637      | 646       | rBV   | 46879       | 82150      | 6.28%        | 0.634%     |
| 3      | 7.099    | 658        | 665      | 673       | rBV   | 131023      | 204999     | 15.67%       | 1.583%     |
| 4      | 7.299    | 692        | 699      | 707       | rBV   | 170116      | 274058     | 20.94%       | 2.117%     |
| 5      | 7.763    | 771        | 778      | 785       | rBV   | 192140      | 297150     | 22.71%       | 2.295%     |
| 6      | 8.469    | 891        | 898      | 906       | rBV   | 121077      | 190214     | 14.54%       | 1.469%     |
| 7      | 8.604    | 915        | 921      | 932       | rVB2  | 40515       | 68255      | 5.22%        | 0.527%     |
| 8      | 8.916    | 968        | 974      | 985       | rVB   | 160649      | 274149     | 20.95%       | 2.117%     |
| 9      | 9.181    | 1012       | 1019     | 1025      | rBV2  | 29007       | 46569      | 3.56%        | 0.360%     |
| 10     | 9.346    | 1042       | 1047     | 1051      | rBV5  | 5727        | 9171       | 0.70%        | 0.071%     |
| 11     | 9.640    | 1089       | 1097     | 1104      | rBV   | 151050      | 247998     | 18.95%       | 1.915%     |
| 12     | 9.763    | 1110       | 1118     | 1126      | rVB4  | 21082       | 37978      | 2.90%        | 0.293%     |
| 13     | 9.957    | 1144       | 1151     | 1156      | rBV8  | 5177        | 9305       | 0.71%        | 0.072%     |
| 14     | 10.175   | 1181       | 1188     | 1197      | rVV   | 215242      | 361814     | 27.65%       | 2.794%     |
| 15     | 10.557   | 1246       | 1253     | 1260      | rVV   | 221967      | 366461     | 28.00%       | 2.830%     |
| 16     | 10.704   | 1269       | 1278     | 1293      | rBV3  | 41649       | 92576      | 7.07%        | 0.715%     |
| 17     | 10.916   | 1308       | 1314     | 1322      | rBV7  | 17408       | 40629      | 3.10%        | 0.314%     |
| 18     | 11.146   | 1348       | 1353     | 1363      | rVB4  | 11595       | 22284      | 1.70%        | 0.172%     |
| 19     | 11.587   | 1416       | 1428     | 1432      | rBV   | 22955       | 38765      | 2.96%        | 0.299%     |
| 20     | 11.640   | 1432       | 1437     | 1441      | rVV   | 15828       | 24680      | 1.89%        | 0.191%     |
| 21     | 11.687   | 1441       | 1445     | 1450      | rVB4  | 7566        | 13547      | 1.04%        | 0.105%     |
| 22     | 11.769   | 1452       | 1459     | 1465      | rVB9  | 3368        | 8852       | 0.68%        | 0.068%     |
| 23     | 11.916   | 1479       | 1484     | 1487      | rBV4  | 5241        | 9398       | 0.72%        | 0.073%     |
| 24     | 12.134   | 1514       | 1521     | 1522      | rVV5  | 5341        | 10938      | 0.84%        | 0.084%     |
| 25     | 12.163   | 1522       | 1526     | 1532      | rVB6  | 9840        | 18760      | 1.43%        | 0.145%     |
| 26     | 12.263   | 1539       | 1543     | 1549      | rVV5  | 6234        | 11962      | 0.91%        | 0.092%     |
| 27     | 12.322   | 1549       | 1553     | 1557      | rVB5  | 5414        | 7974       | 0.61%        | 0.062%     |
| 28     | 12.445   | 1564       | 1574     | 1581      | rVB4  | 19278       | 36026      | 2.75%        | 0.278%     |
| 29     | 12.557   | 1585       | 1593     | 1596      | rBV   | 16353       | 26138      | 2.00%        | 0.202%     |
| 30     | 12.593   | 1596       | 1599     | 1606      | rVV5  | 5933        | 11488      | 0.88%        | 0.089%     |
| 31     | 12.740   | 1619       | 1624     | 1629      | rVB8  | 5129        | 7641       | 0.58%        | 0.059%     |
| 32     | 12.822   | 1632       | 1638     | 1643      | rBV5  | 8847        | 15874      | 1.21%        | 0.123%     |
| 33     | 12.928   | 1647       | 1656     | 1664      | rVB7  | 16899       | 49610      | 3.79%        | 0.383%     |
| 34     | 13.087   | 1677       | 1683     | 1685      | rBV4  | 5767        | 10104      | 0.77%        | 0.078%     |

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 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |        |        |        |        |
|----|--------|------|------|------|-------|--------|--------|--------|--------|
| 35 | 13.122 | 1685 | 1689 | 1693 | rBV5  | 8970   | 15373  | 1.17%  | 0.119% |
| 36 | 13.198 | 1698 | 1702 | 1706 | rVV2  | 9631   | 17858  | 1.36%  | 0.138% |
| 37 | 13.251 | 1706 | 1711 | 1719 | rVV9  | 10085  | 23928  | 1.83%  | 0.185% |
| 38 | 13.375 | 1728 | 1732 | 1736 | rVV7  | 4288   | 7741   | 0.59%  | 0.060% |
| 39 | 13.428 | 1736 | 1741 | 1743 | rVV4  | 5000   | 8297   | 0.63%  | 0.064% |
| 40 | 13.463 | 1743 | 1747 | 1754 | rVB3  | 13502  | 21035  | 1.61%  | 0.162% |
| 41 | 13.581 | 1762 | 1767 | 1776 | rVB7  | 16799  | 38303  | 2.93%  | 0.296% |
| 42 | 13.669 | 1776 | 1782 | 1787 | rBV10 | 4012   | 8601   | 0.66%  | 0.066% |
| 43 | 13.728 | 1787 | 1792 | 1797 | rVV4  | 10081  | 17338  | 1.32%  | 0.134% |
| 44 | 13.822 | 1802 | 1808 | 1814 | rVV   | 386070 | 534152 | 40.82% | 4.125% |
| 45 | 13.904 | 1818 | 1822 | 1827 | rVB2  | 15009  | 21702  | 1.66%  | 0.168% |
| 46 | 14.104 | 1849 | 1856 | 1868 | rVB   | 416325 | 617538 | 47.19% | 4.769% |
| 47 | 14.410 | 1902 | 1908 | 1914 | rVV   | 317406 | 463776 | 35.44% | 3.582% |
| 48 | 14.475 | 1914 | 1919 | 1925 | rVB   | 135262 | 196261 | 15.00% | 1.516% |
| 49 | 14.539 | 1925 | 1930 | 1935 | rBV   | 18168  | 24789  | 1.89%  | 0.191% |
| 50 | 14.616 | 1936 | 1943 | 1950 | rBV   | 35961  | 57413  | 4.39%  | 0.443% |
| 51 | 14.687 | 1950 | 1955 | 1959 | rBV2  | 14265  | 21138  | 1.62%  | 0.163% |
| 52 | 14.751 | 1963 | 1966 | 1974 | rVB7  | 5616   | 8704   | 0.67%  | 0.067% |
| 53 | 14.822 | 1974 | 1978 | 1984 | rVB7  | 8174   | 15066  | 1.15%  | 0.116% |
| 54 | 14.957 | 1995 | 2001 | 2006 | rBV3  | 36303  | 56438  | 4.31%  | 0.436% |
| 55 | 15.034 | 2011 | 2014 | 2020 | rVB3  | 14864  | 22539  | 1.72%  | 0.174% |
| 56 | 15.245 | 2046 | 2050 | 2053 | rBV4  | 6366   | 9838   | 0.75%  | 0.076% |
| 57 | 15.339 | 2057 | 2066 | 2072 | rVV2  | 82186  | 141180 | 10.79% | 1.090% |
| 58 | 15.404 | 2072 | 2077 | 2083 | rVV   | 515401 | 765709 | 58.52% | 5.914% |
| 59 | 15.463 | 2083 | 2087 | 2092 | rVV2  | 58986  | 90544  | 6.92%  | 0.699% |
| 60 | 15.522 | 2092 | 2097 | 2105 | rVV2  | 212141 | 359167 | 27.45% | 2.774% |
| 61 | 15.592 | 2105 | 2109 | 2115 | rVV8  | 11578  | 30432  | 2.33%  | 0.235% |
| 62 | 15.651 | 2115 | 2119 | 2121 | rVV5  | 11944  | 19953  | 1.52%  | 0.154% |
| 63 | 15.686 | 2121 | 2125 | 2133 | rVV7  | 16092  | 37686  | 2.88%  | 0.291% |
| 64 | 15.751 | 2133 | 2136 | 2142 | rVB5  | 6781   | 11737  | 0.90%  | 0.091% |
| 65 | 15.834 | 2142 | 2150 | 2155 | rBV6  | 12744  | 33435  | 2.56%  | 0.258% |
| 66 | 15.904 | 2155 | 2162 | 2171 | rVB9  | 21033  | 57231  | 4.37%  | 0.442% |
| 67 | 16.122 | 2191 | 2199 | 2205 | rBV9  | 10432  | 26008  | 1.99%  | 0.201% |
| 68 | 16.428 | 2244 | 2251 | 2256 | rBV   | 43568  | 68266  | 5.22%  | 0.527% |
| 69 | 16.545 | 2267 | 2271 | 2274 | rBV6  | 5045   | 7654   | 0.58%  | 0.059% |
| 70 | 16.581 | 2274 | 2277 | 2284 | rVB7  | 6201   | 8808   | 0.67%  | 0.068% |
| 71 | 16.810 | 2310 | 2316 | 2327 | rVB3  | 43090  | 71251  | 5.44%  | 0.550% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |       |        |         |         |         |
|-----|--------|------|------|------|-------|--------|---------|---------|---------|
| 72  | 16.951 | 2335 | 2340 | 2351 | rVV10 | 8900   | 23863   | 1.82%   | 0.184%  |
| 73  | 17.122 | 2365 | 2369 | 2371 | rBV3  | 13031  | 16131   | 1.23%   | 0.125%  |
| 74  | 17.163 | 2371 | 2376 | 2381 | rVV   | 380955 | 549832  | 42.02%  | 4.246%  |
| 75  | 17.204 | 2381 | 2383 | 2386 | rVV   | 34583  | 46589   | 3.56%   | 0.360%  |
| 76  | 17.263 | 2388 | 2393 | 2404 | rVB   | 647854 | 888671  | 67.91%  | 6.863%  |
| 77  | 17.539 | 2435 | 2440 | 2442 | rBV3  | 22788  | 30749   | 2.35%   | 0.237%  |
| 78  | 17.569 | 2442 | 2445 | 2452 | rVB2  | 26359  | 37067   | 2.83%   | 0.286%  |
| 79  | 17.798 | 2475 | 2484 | 2487 | rBV2  | 6243   | 14814   | 1.13%   | 0.114%  |
| 80  | 17.910 | 2500 | 2503 | 2508 | rBV7  | 9075   | 14690   | 1.12%   | 0.113%  |
| 81  | 17.998 | 2514 | 2518 | 2523 | rVB2  | 17133  | 23483   | 1.79%   | 0.181%  |
| 82  | 18.057 | 2523 | 2528 | 2535 | rBV2  | 90210  | 143869  | 10.99%  | 1.111%  |
| 83  | 18.151 | 2540 | 2544 | 2551 | rVB   | 24058  | 37015   | 2.83%   | 0.286%  |
| 84  | 18.222 | 2552 | 2556 | 2560 | rVB6  | 5350   | 7678    | 0.59%   | 0.059%  |
| 85  | 18.304 | 2565 | 2570 | 2573 | rBV4  | 9004   | 15147   | 1.16%   | 0.117%  |
| 86  | 18.469 | 2593 | 2598 | 2602 | rBV5  | 9296   | 15977   | 1.22%   | 0.123%  |
| 87  | 18.516 | 2603 | 2606 | 2611 | rVV6  | 6707   | 10421   | 0.80%   | 0.080%  |
| 88  | 19.010 | 2685 | 2690 | 2695 | rBV5  | 10562  | 19025   | 1.45%   | 0.147%  |
| 89  | 19.145 | 2709 | 2713 | 2716 | rBV2  | 9421   | 14097   | 1.08%   | 0.109%  |
| 90  | 19.292 | 2734 | 2738 | 2745 | rVB2  | 54916  | 69003   | 5.27%   | 0.533%  |
| 91  | 19.392 | 2752 | 2755 | 2759 | rVB3  | 7936   | 9944    | 0.76%   | 0.077%  |
| 92  | 19.504 | 2768 | 2774 | 2787 | rVB   | 862542 | 1124172 | 85.91%  | 8.682%  |
| 93  | 19.733 | 2810 | 2813 | 2818 | rVB7  | 8228   | 9517    | 0.73%   | 0.074%  |
| 94  | 19.898 | 2838 | 2841 | 2844 | rBV4  | 5565   | 7787    | 0.60%   | 0.060%  |
| 95  | 20.963 | 3018 | 3022 | 3028 | rBV2  | 76874  | 100620  | 7.69%   | 0.777%  |
| 96  | 21.245 | 3065 | 3070 | 3076 | rBV   | 570403 | 699985  | 53.49%  | 5.406%  |
| 97  | 22.845 | 3339 | 3342 | 3348 | rVB4  | 24736  | 33135   | 2.53%   | 0.256%  |
| 98  | 23.404 | 3429 | 3437 | 3450 | rBV   | 649132 | 1308568 | 100.00% | 10.106% |
| 99  | 23.551 | 3455 | 3462 | 3471 | rVB2  | 366375 | 730053  | 55.79%  | 5.638%  |
| 100 | 24.127 | 3556 | 3560 | 3568 | rVB4  | 37361  | 68822   | 5.26%   | 0.532%  |

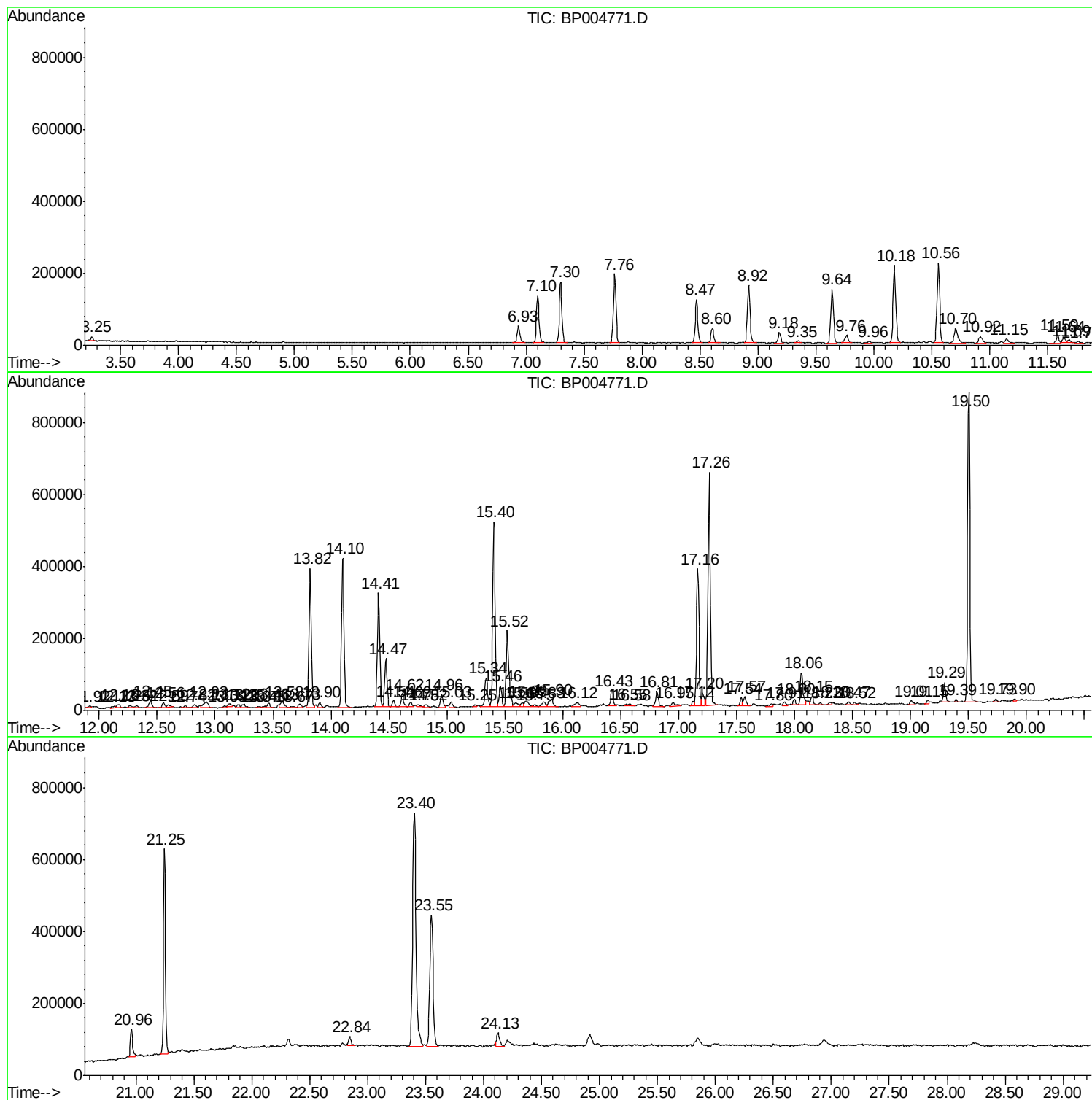
Sum of corrected areas: 12947934

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
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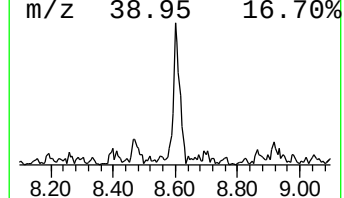
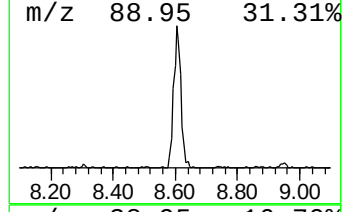
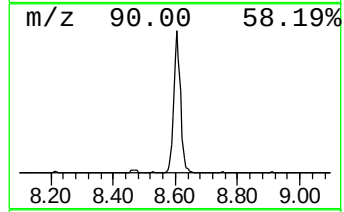
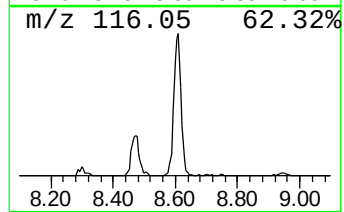
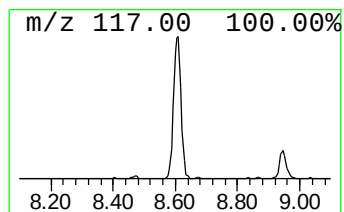
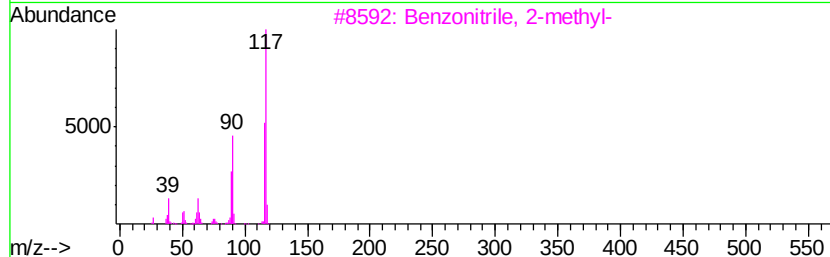
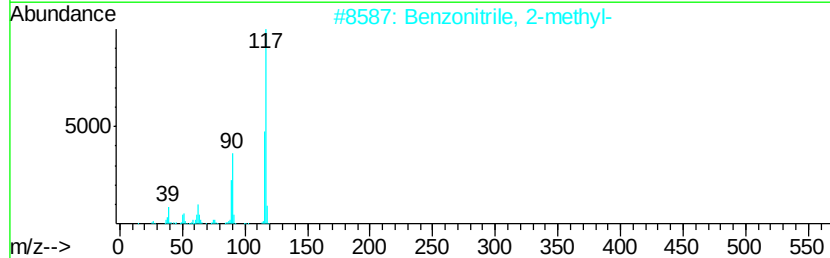
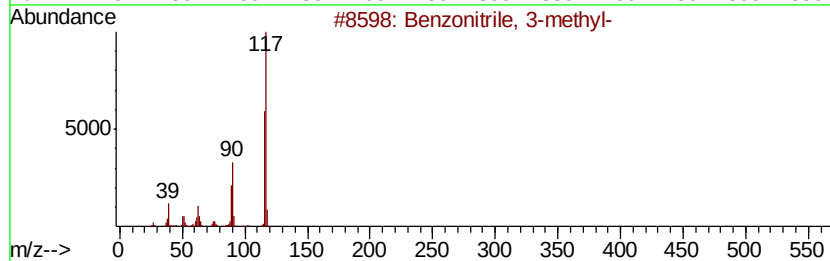
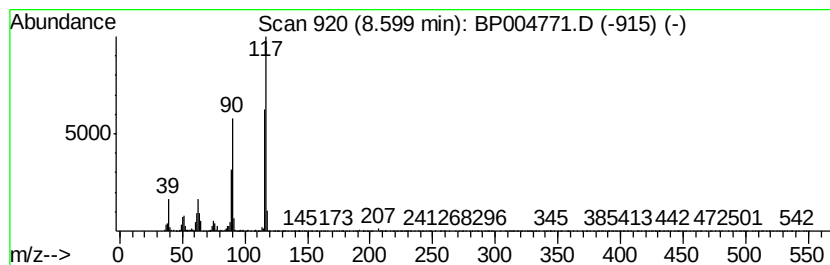
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzonitrile, 3-methyl- Concentration Rank 3

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 8.60 | 4.59 ng/ul | 68255 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzonitrile, 3-methyl- | 117 | C8H7N   | 000620-22-4 | 97   |
| 2    |    | Benzonitrile, 2-methyl- | 117 | C8H7N   | 000529-19-1 | 97   |
| 3    |    | Benzonitrile, 2-methyl- | 117 | C8H7N   | 000529-19-1 | 97   |
| 4    |    | Benzonitrile, 2-methyl- | 117 | C8H7N   | 000529-19-1 | 96   |
| 5    |    | Benzonitrile, 4-methyl- | 117 | C8H7N   | 000104-85-8 | 96   |



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Quant Title : SVOA CALIBRATION

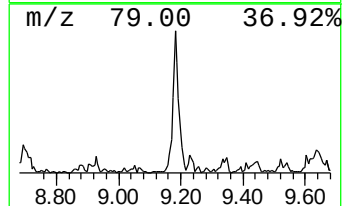
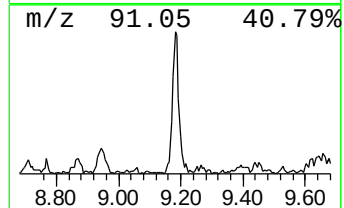
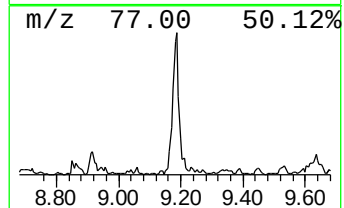
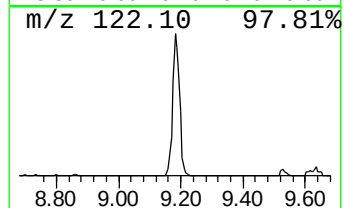
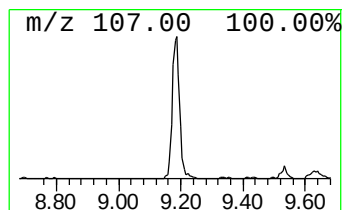
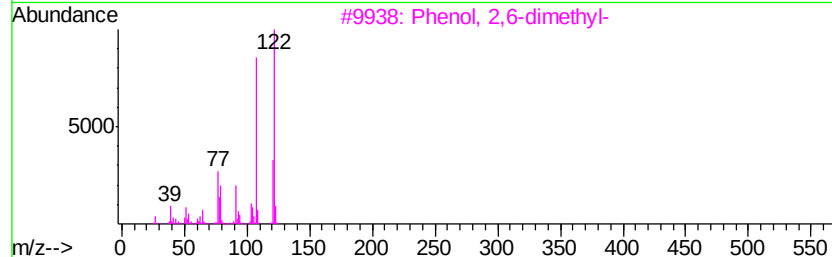
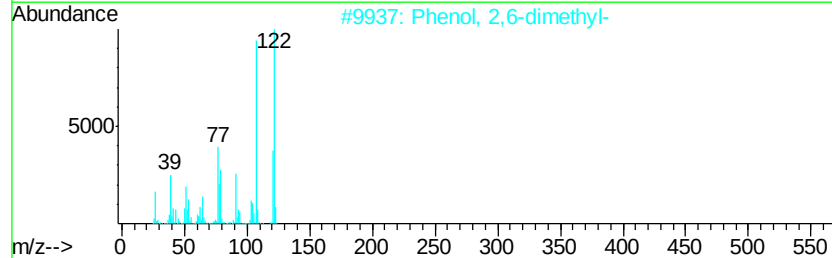
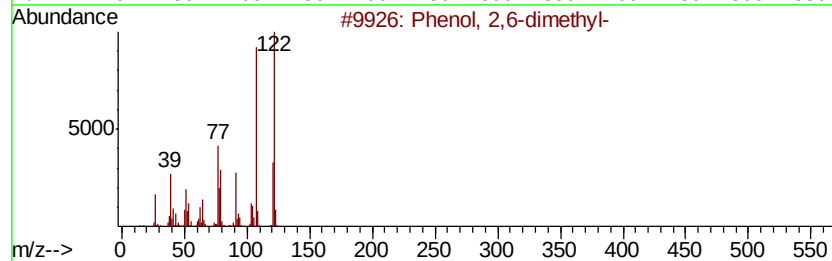
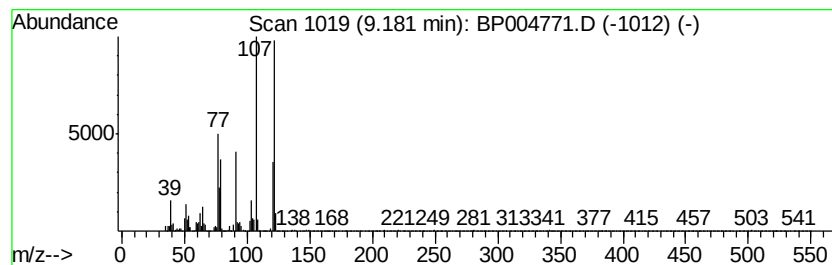
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area  | Relative to ISTD | R.T.  |
|------|------------|-------|------------------|-------|
| 9.18 | 2.54 ng/ul | 46569 | Napthalene-d8    | 10.56 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Phenol, 2,6-dimethyl-  | 122 | C8H10O  | 000576-26-1 | 94   |
| 2    |    | Phenol, 2,6-dimethyl-  | 122 | C8H10O  | 000576-26-1 | 94   |
| 3    |    | Phenol, 2,6-dimethyl-  | 122 | C8H10O  | 000576-26-1 | 91   |
| 4    |    | Phenol, 2,3-dimethyl-  | 122 | C8H10O  | 000526-75-0 | 91   |
| 5    |    | 3-Methylbenzyl alcohol | 122 | C8H10O  | 000587-03-1 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004771.D  
Acq On : 17 Feb 2021 14:04  
Operator : CG/JU  
Sample : M1407-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

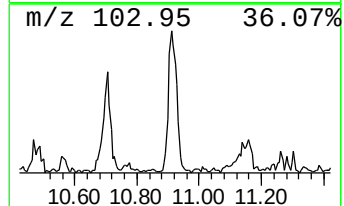
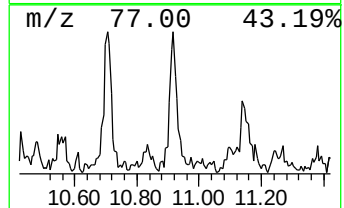
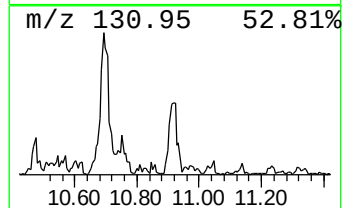
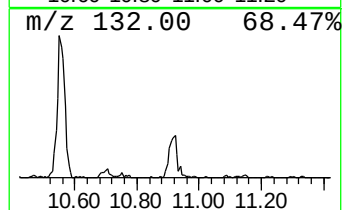
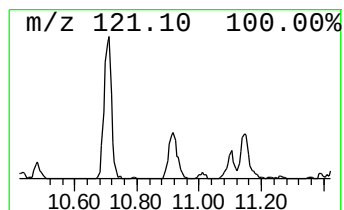
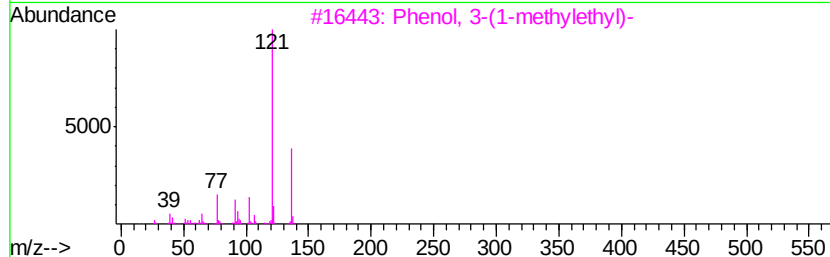
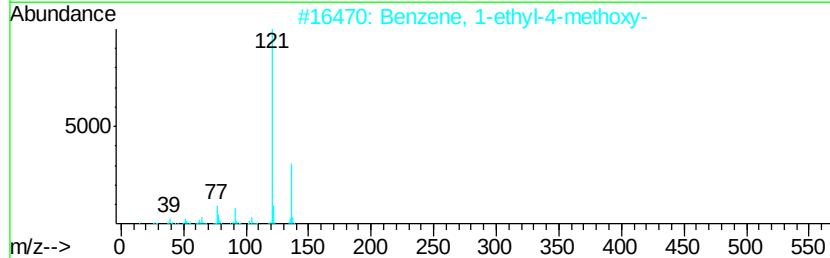
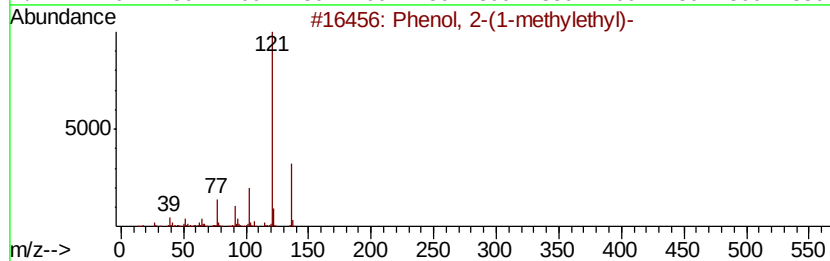
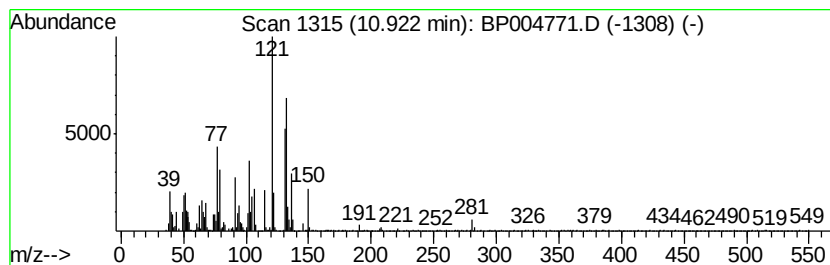
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Phenol, 2-(1-methylethyl)- Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 10.92 | 2.22 ng/ul | 40629 | Napthalene-d8    | 10.56 |

| Hit# of | 5                           | Tentative ID | MW     | MolForm     | CAS# | Qual |
|---------|-----------------------------|--------------|--------|-------------|------|------|
| 1       | Phenol, 2-(1-methylethyl)-  | 136          | C9H12O | 000088-69-7 | 58   |      |
| 2       | Benzene, 1-ethyl-4-methoxy- | 136          | C9H12O | 001515-95-3 | 53   |      |
| 3       | Phenol, 3-(1-methylethyl)-  | 136          | C9H12O | 000618-45-1 | 52   |      |
| 4       | Benzene, 1-ethyl-4-methoxy- | 136          | C9H12O | 001515-95-3 | 49   |      |
| 5       | Phenol, 3-(1-methylethyl)-  | 136          | C9H12O | 000618-45-1 | 46   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004771.D  
Acq On : 17 Feb 2021 14:04  
Operator : CG/JU  
Sample : M1407-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

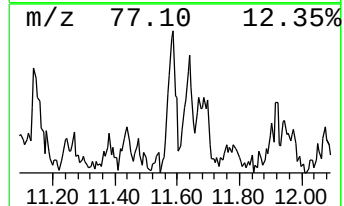
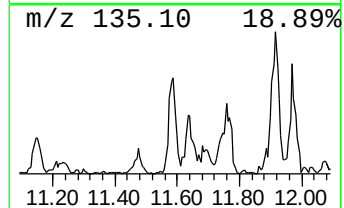
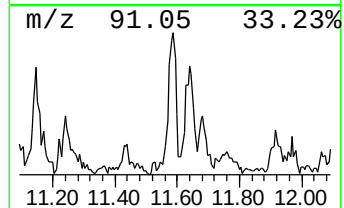
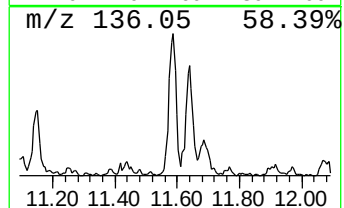
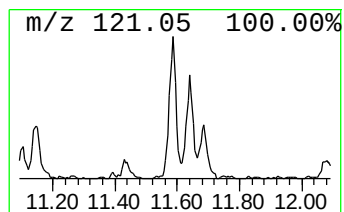
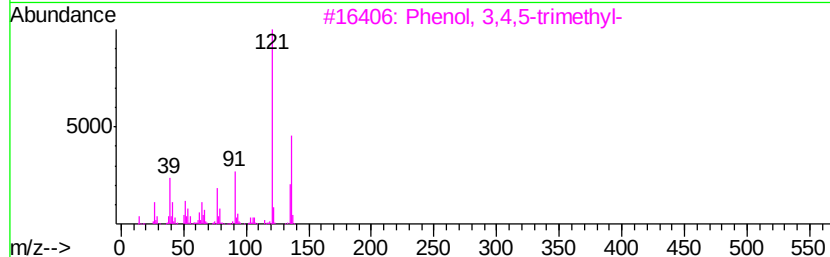
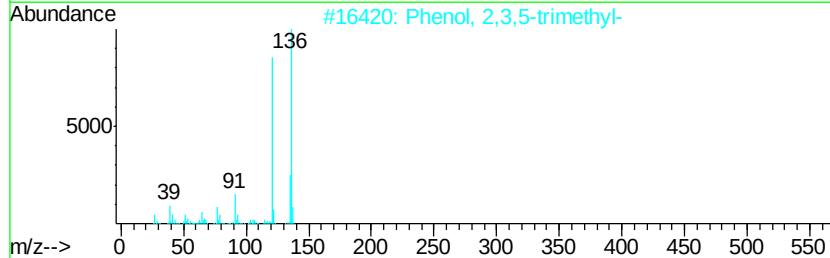
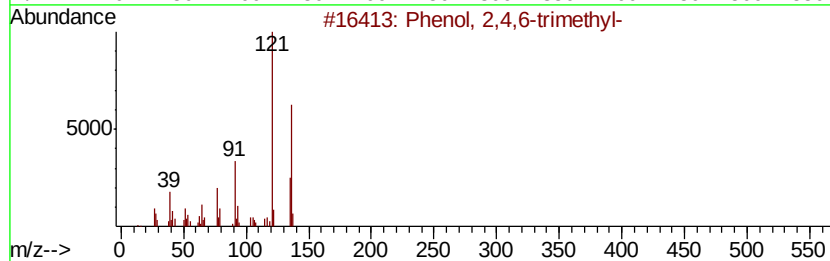
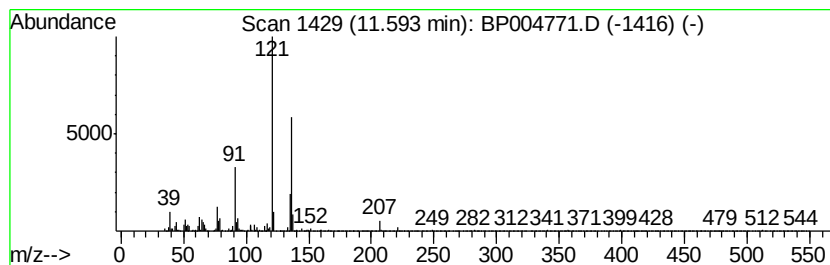
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Phenol, 2,4,6-trimethyl- Concentration Rank 9

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 11.59 | 2.12 ng/ul | 38765 | Napthalene-d8    | 10.56 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Phenol, 2,4,6-trimethyl- | 136 | C9H12O  | 000527-60-6 | 94   |
| 2    |    | Phenol, 2,3,5-trimethyl- | 136 | C9H12O  | 000697-82-5 | 91   |
| 3    |    | Phenol, 3,4,5-trimethyl- | 136 | C9H12O  | 000527-54-8 | 91   |
| 4    |    | Phenol, 2,4,5-trimethyl- | 136 | C9H12O  | 000496-78-6 | 90   |
| 5    |    | Phenol, 2,4,6-trimethyl- | 136 | C9H12O  | 000527-60-6 | 87   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004771.D  
Acq On : 17 Feb 2021 14:04  
Operator : CG/JU  
Sample : M1407-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

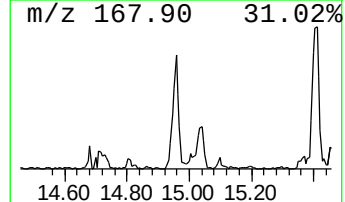
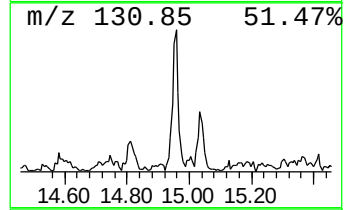
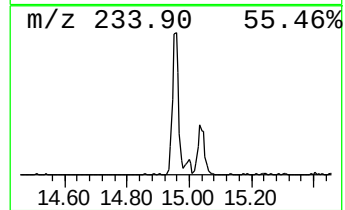
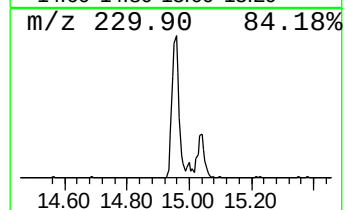
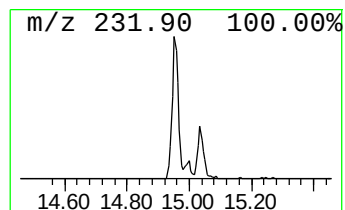
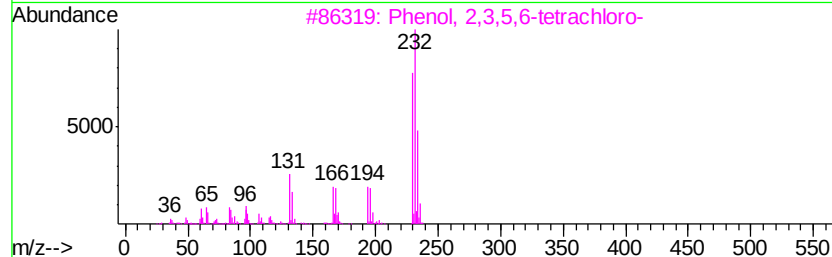
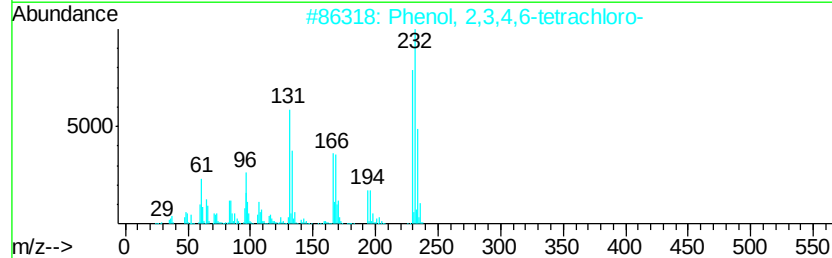
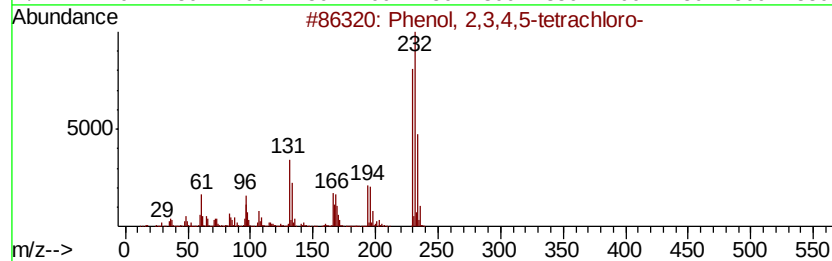
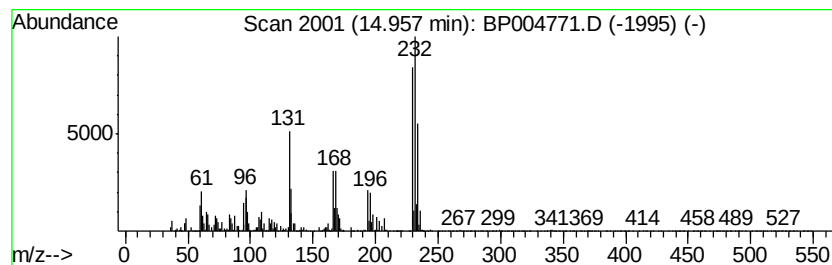
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 14.96 | 2.43 ng/ul | 56438 | Acenaphthene-d10 | 14.41 |

| Hit# | of | Tentative ID                 | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------|-----|----------|-------------|------|
| 1    | 5  | Phenol, 2,3,4,5-tetrachloro- | 230 | C6H2Cl4O | 004901-51-3 | 98   |
| 2    |    | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 98   |
| 3    |    | Phenol, 2,3,5,6-tetrachloro- | 230 | C6H2Cl4O | 000935-95-5 | 96   |
| 4    |    | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 96   |
| 5    |    | Phenol, 2,3,5,6-tetrachloro- | 230 | C6H2Cl4O | 000935-95-5 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004771.D  
Acq On : 17 Feb 2021 14:04  
Operator : CG/JU  
Sample : M1407-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

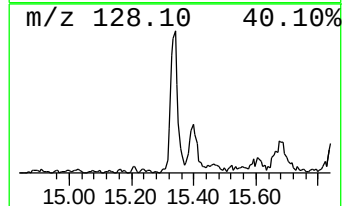
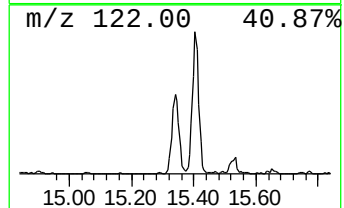
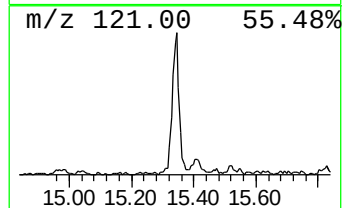
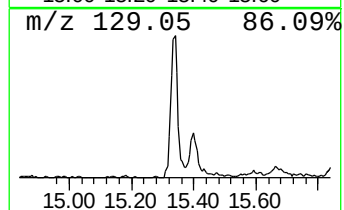
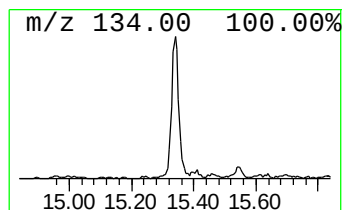
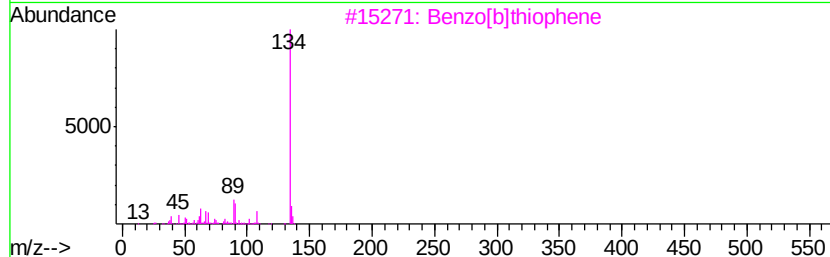
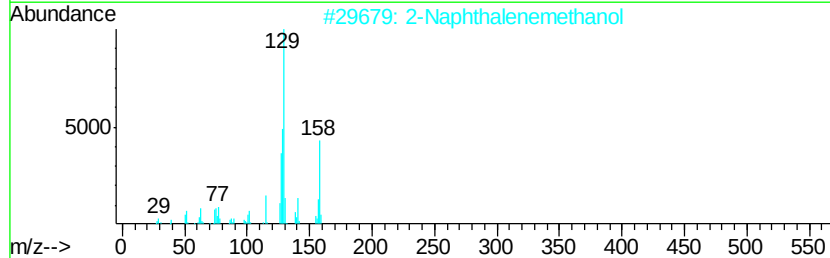
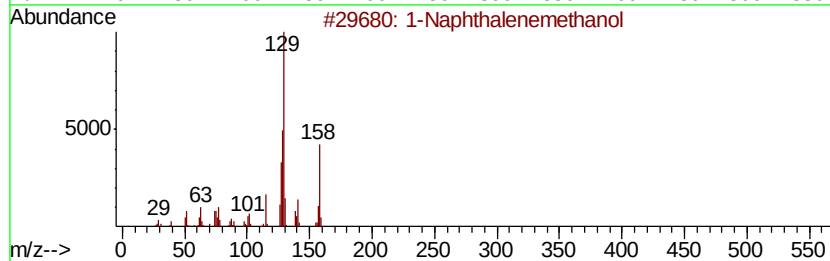
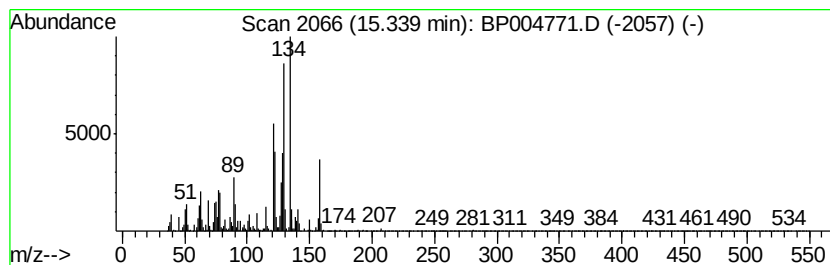
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 1-Naphthalenemethanol Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.34 | 6.09 ng/ul | 141180 | Acenaphthene-d10 | 14.41 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Naphthalenemethanol    | 158 | C11H10O | 004780-79-4 | 84   |
| 2    |    | 2-Naphthalenemethanol    | 158 | C11H10O | 001592-38-7 | 66   |
| 3    |    | Benzo[b]thiophene        | 134 | C8H6S   | 000095-15-8 | 42   |
| 4    |    | Benzene, 1,3-hexadienyl- | 158 | C12H14  | 041635-77-2 | 38   |
| 5    |    | 1-Naphthalenemethanol    | 158 | C11H10O | 004780-79-4 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004771.D  
Acq On : 17 Feb 2021 14:04  
Operator : CG/JU  
Sample : M1407-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

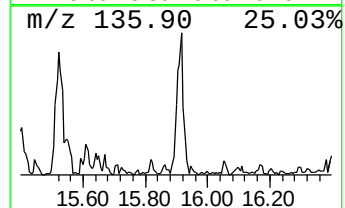
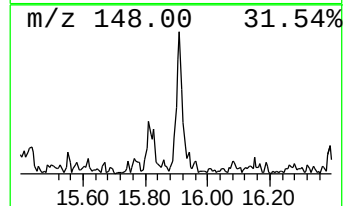
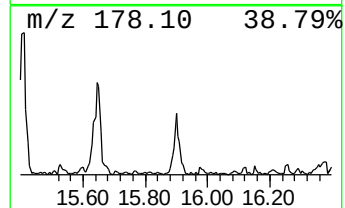
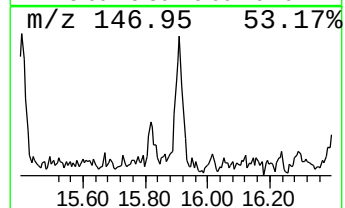
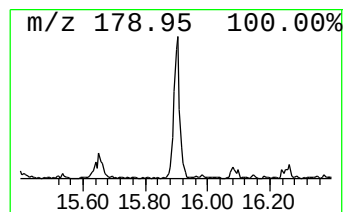
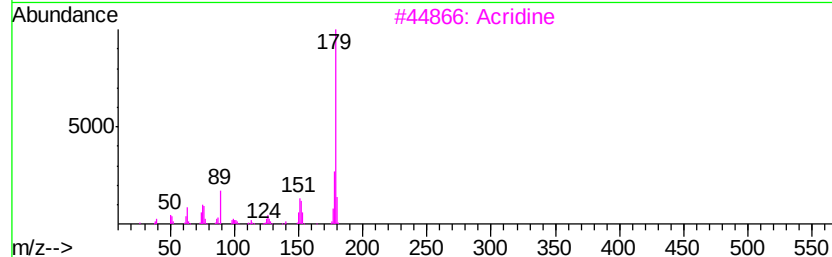
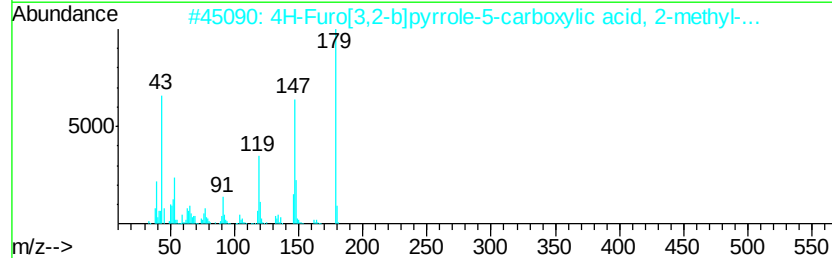
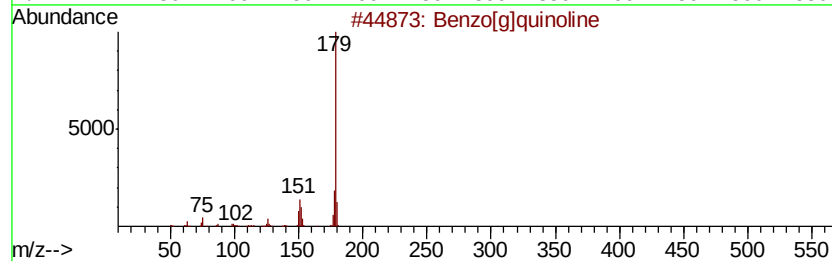
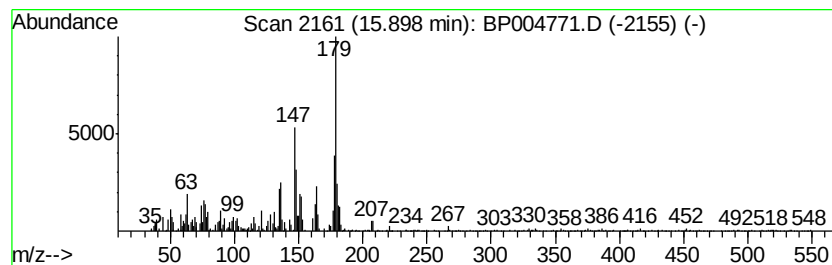
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 unknown-01 Concentration Rank 10

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 15.90 | 2.08 ng/ul | 57231 | Phenanthrene-d10 | 17.16 |

| Hit# | of | Tentative ID                                 | MW  | MolForm  | CAS#         | Qual |
|------|----|----------------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Benzo[ <i>a</i> ]quinoline                   | 179 | C13H9N   | 000260-36-6  | 47   |
| 2    |    | 4H-Furo[3,2- <i>b</i> ]pyrrole-5-carboxyl... | 179 | C9H9NO3  | 1000318-89-7 | 38   |
| 3    |    | Acridine                                     | 179 | C13H9N   | 000260-94-6  | 38   |
| 4    |    | Cloxyquin                                    | 179 | C9H6ClNO | 000130-16-5  | 38   |
| 5    |    | p-Phenylbenzonitrile                         | 179 | C13H9N   | 002920-38-9  | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004771.D  
Acq On : 17 Feb 2021 14:04  
Operator : CG/JU  
Sample : M1407-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

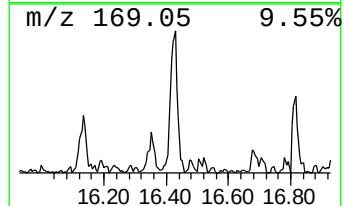
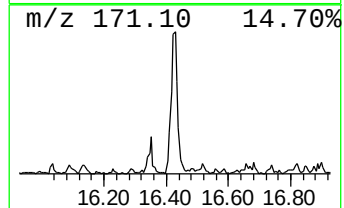
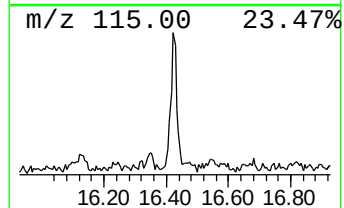
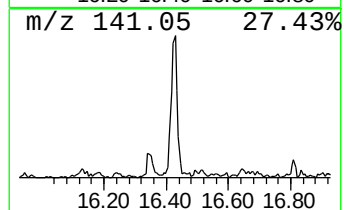
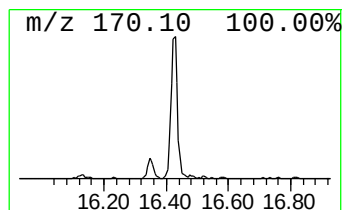
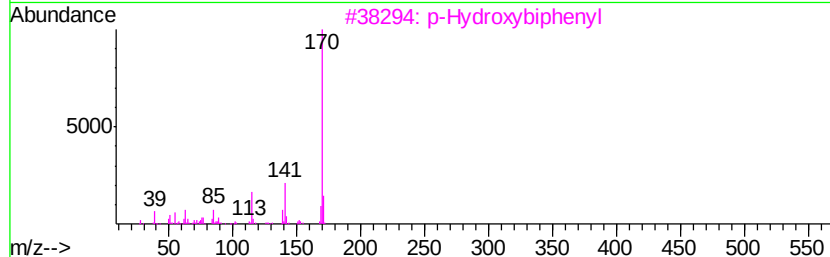
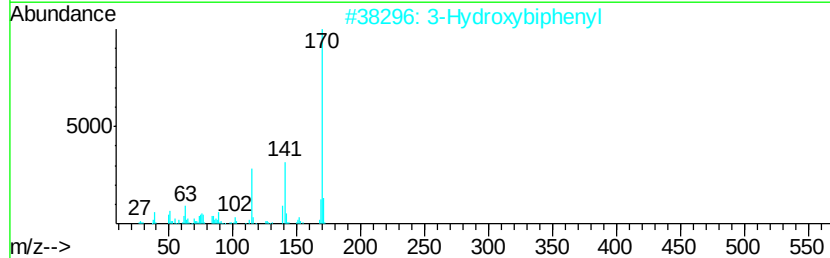
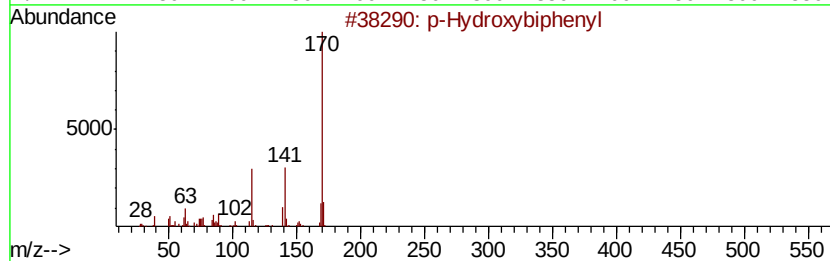
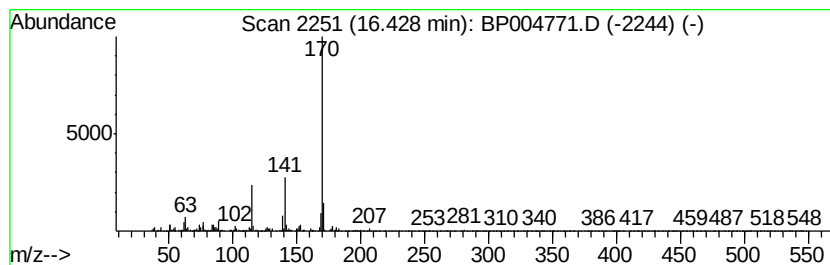
Instrument :  
BNA\_P  
ClientSampleId :  
DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 8 p-Hydroxybiphenyl Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD  |     | R.T.    |             |      |
|-------|------------|-------|-------------------|-----|---------|-------------|------|
| 16.43 | 2.48 ng/ul | 68266 | Phenanthrene-d10  |     | 17.16   |             |      |
| Hit#  | of         | 5     | Tentative ID      | MW  | MolForm | CAS#        | Qual |
| 1     |            |       | p-Hydroxybiphenyl | 170 | C12H10O | 000092-69-3 | 96   |
| 2     |            |       | 3-Hydroxybiphenyl | 170 | C12H10O | 000580-51-8 | 94   |
| 3     |            |       | p-Hydroxybiphenyl | 170 | C12H10O | 000092-69-3 | 93   |
| 4     |            |       | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 87   |
| 5     |            |       | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004771.D  
Acq On : 17 Feb 2021 14:04  
Operator : CG/JU  
Sample : M1407-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

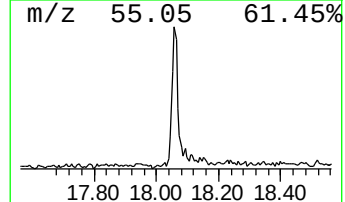
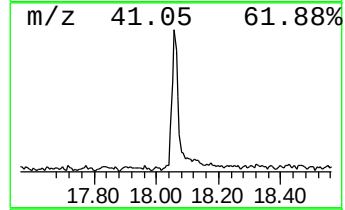
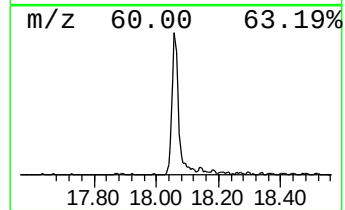
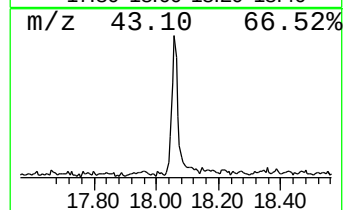
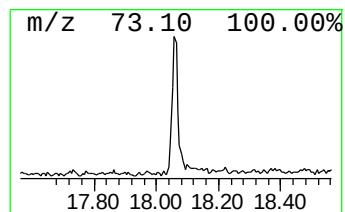
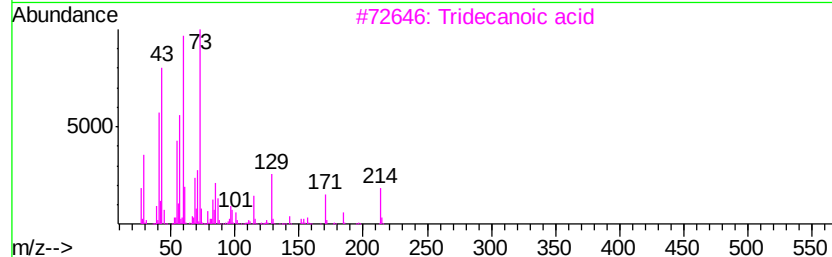
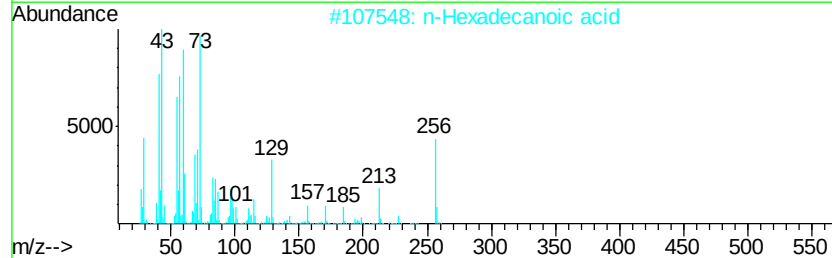
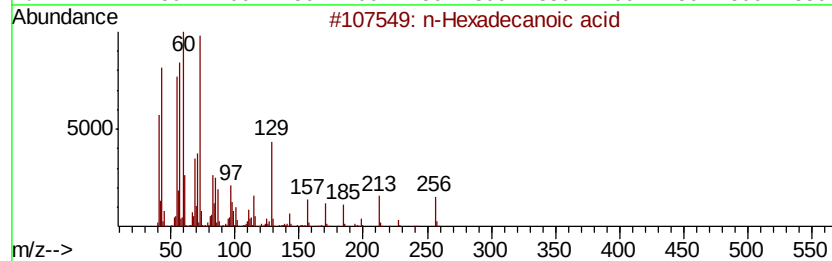
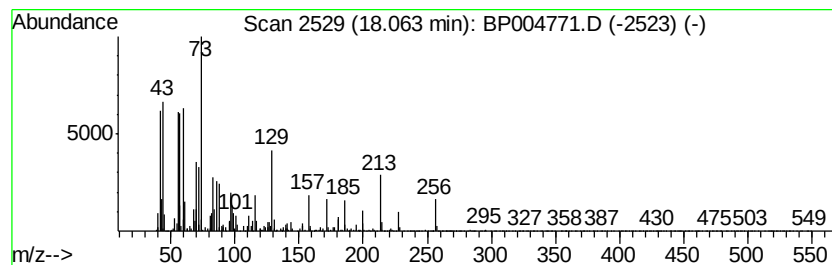
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.06 | 5.23 ng/ul | 143869 | Phenanthrene-d10 | 17.16 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 89   |
| 4    |    | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 70   |
| 5    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004771.D  
Acq On : 17 Feb 2021 14:04  
Operator : CG/JU  
Sample : M1407-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

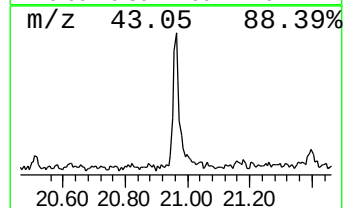
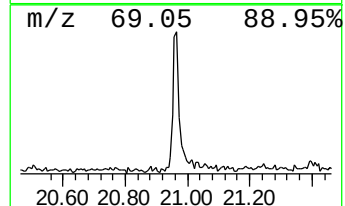
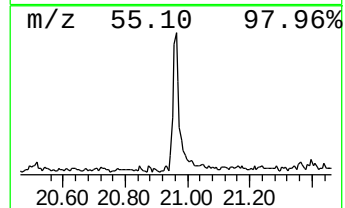
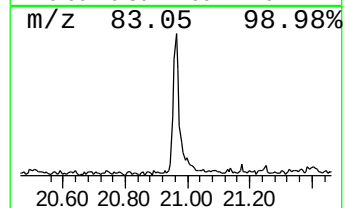
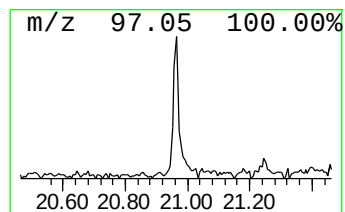
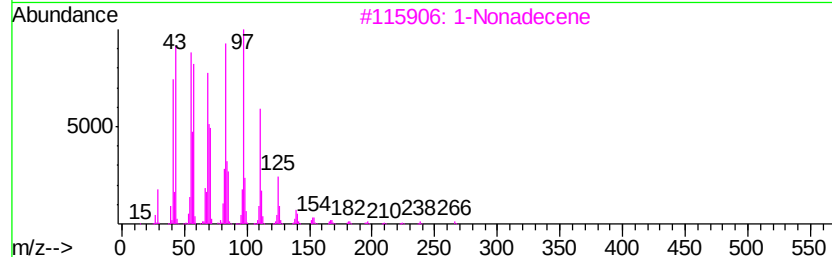
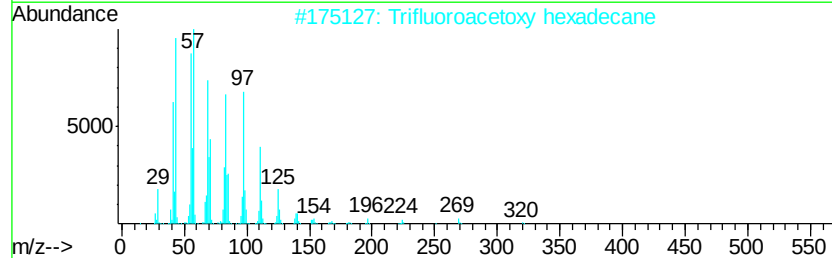
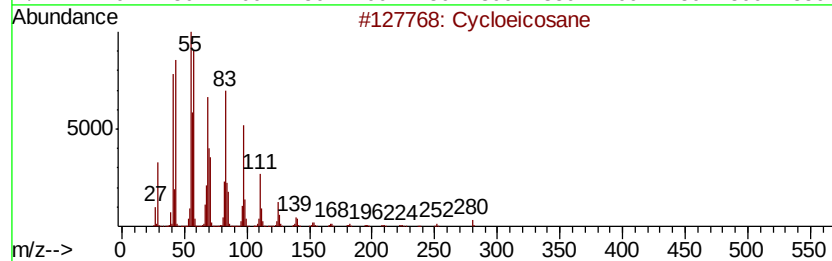
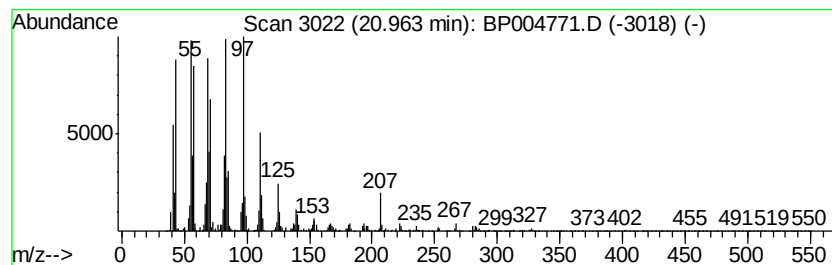
Instrument :  
BNA\_P  
ClientSampleId :  
DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Cyclic20.96 Concentration Rank 4

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.            |
|---------|------------|-------------------------------------|------------------|-----------------|
| 20.96   | 2.87 ng/ul | 100620                              | Chrysene-d12     | 21.25           |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |            | Cycloeicosane                       | 280 C20H40       | 000296-56-0 95  |
| 2       |            | Trifluoroacetoxy hexadecane         | 338 C18H33F3O2   | 006222-03-3 91  |
| 3       |            | 1-Nonadecene                        | 266 C19H38       | 018435-45-5 90  |
| 4       |            | Trichloroacetic acid, hexadecyl ... | 386 C18H33Cl3O2  | 074339-54-1 90  |
| 5       |            | Heptacosyl acetate                  | 438 C29H58O2     | 1000351-78-2 89 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP021721\  
 Data File : BP004771.D  
 Acq On : 17 Feb 2021 14:04  
 Operator : CG/JU  
 Sample : M1407-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBGJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Benzonitrile, 3-m... | 8.60  | 4.6     | ng/ul | 68255    | 1                     | 7.76  | 297150 | 20.0 |
| Phenol, 2,6-dimet... | 9.18  | 2.5     | ng/ul | 46569    | 2                     | 10.56 | 366461 | 20.0 |
| Phenol, 2-(1-meth... | 10.92 | 2.2     | ng/ul | 40629    | 2                     | 10.56 | 366461 | 20.0 |
| Phenol, 2,4,6-tri... | 11.59 | 2.1     | ng/ul | 38765    | 2                     | 10.56 | 366461 | 20.0 |
| Phenol, 2,3,4,5-t... | 14.96 | 2.4     | ng/ul | 56438    | 3                     | 14.41 | 463776 | 20.0 |
| 1-Naphthalenemeth... | 15.34 | 6.1     | ng/ul | 141180   | 3                     | 14.41 | 463776 | 20.0 |
| unknown-01           | 15.90 | 2.1     | ng/ul | 57231    | 4                     | 17.16 | 549832 | 20.0 |
| p-Hydroxybiphenyl    | 16.43 | 2.5     | ng/ul | 68266    | 4                     | 17.16 | 549832 | 20.0 |
| n-Hexadecanoic acid  | 18.06 | 5.2     | ng/ul | 143869   | 4                     | 17.16 | 549832 | 20.0 |
| (DEL) Alkane: Cyc... | 20.96 | 2.9     | ng/ul | 100620   | 5                     | 21.25 | 699985 | 20.0 |