

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\  
 Data File : BG035216.D  
 Acq On : 18 Jun 2018 13:19  
 Operator : SJ/JU  
 Sample : J3504-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-46COMP

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\_G\METHODS\8270-BG060718.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.176       | 313           | 321         | 330          | rBV      | 102952         | 165308        | 2.49%           | 0.844%        |
| 2         | 5.634       | 391           | 399         | 409          | rBV      | 606171         | 1014524       | 15.30%          | 5.182%        |
| 3         | 7.214       | 661           | 668         | 677          | rBV      | 561262         | 1000290       | 15.08%          | 5.110%        |
| 4         | 7.590       | 724           | 732         | 744          | rBV      | 644706         | 1144537       | 17.26%          | 5.846%        |
| 5         | 8.060       | 806           | 812         | 820          | rBV2     | 122265         | 220462        | 3.32%           | 1.126%        |
| 6         | 8.383       | 859           | 867         | 878          | rVB      | 481017         | 856219        | 12.91%          | 4.374%        |
| 7         | 9.217       | 1002          | 1009        | 1022         | rBV      | 418846         | 757907        | 11.43%          | 3.871%        |
| 8         | 10.868      | 1282          | 1290        | 1297         | rBV      | 152373         | 277529        | 4.18%           | 1.418%        |
| 9         | 13.306      | 1698          | 1705        | 1715         | rBV      | 1190617        | 1805859       | 27.23%          | 9.224%        |
| 10        | 14.681      | 1930          | 1939        | 1949         | rBV      | 261773         | 428060        | 6.45%           | 2.187%        |
| 11        | 16.167      | 2185          | 2192        | 2208         | rBV      | 1245593        | 1921744       | 28.98%          | 9.816%        |
| 12        | 17.424      | 2400          | 2406        | 2413         | rBV2     | 490715         | 729805        | 11.00%          | 3.728%        |
| 13        | 18.305      | 2551          | 2556        | 2564         | rBV      | 99852          | 151452        | 2.28%           | 0.774%        |
| 14        | 19.574      | 2768          | 2772        | 2779         | rBV3     | 67577          | 109458        | 1.65%           | 0.559%        |
| 15        | 20.032      | 2843          | 2850        | 2858         | rBV      | 4845037        | 6632352       | 100.00%         | 33.878%       |
| 16        | 21.689      | 3126          | 3132        | 3141         | rBV      | 820308         | 1334031       | 20.11%          | 6.814%        |
| 17        | 24.914      | 3668          | 3681        | 3692         | rBV2     | 362455         | 1027362       | 15.49%          | 5.248%        |

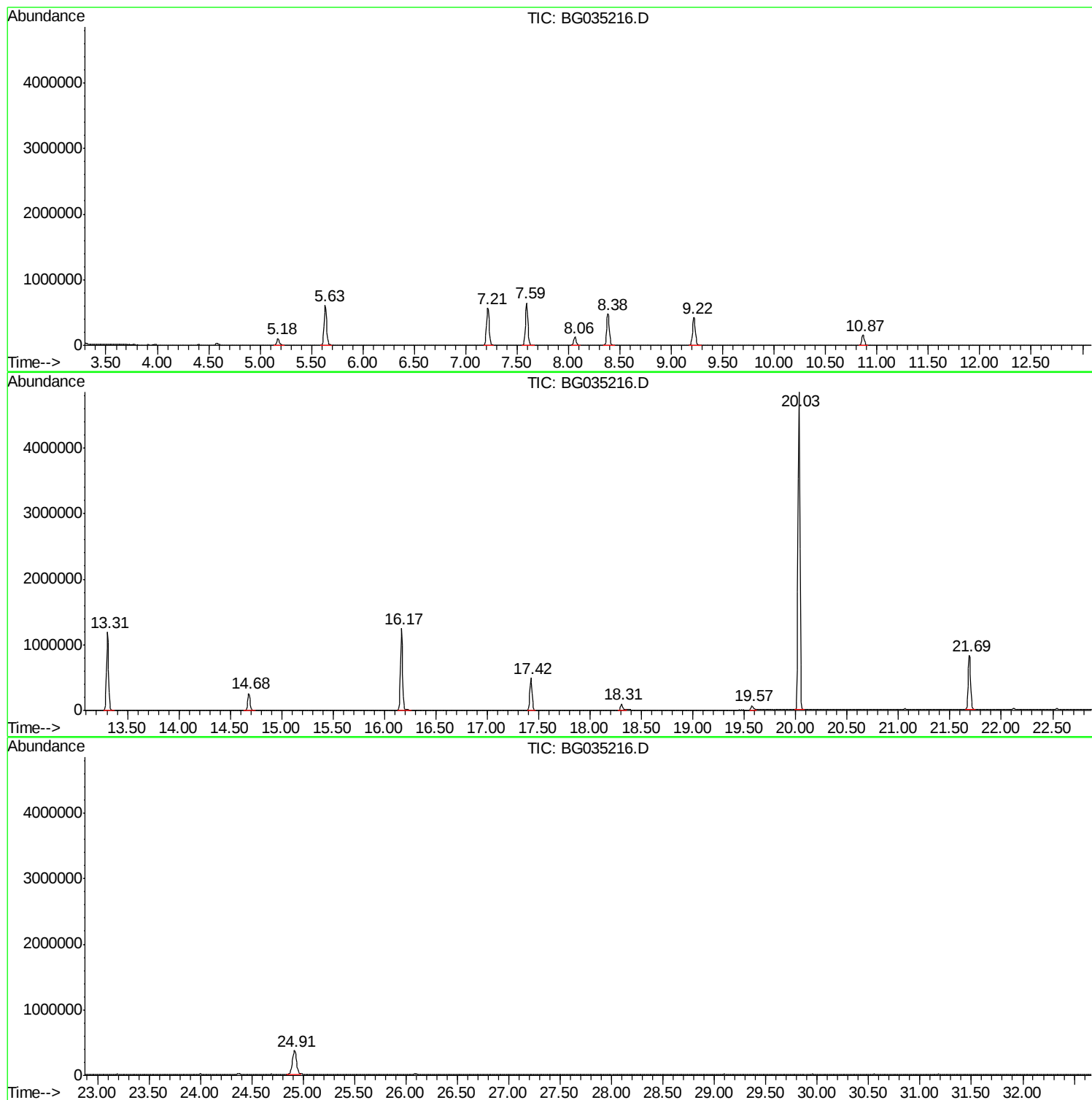
Sum of corrected areas: 19576899

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.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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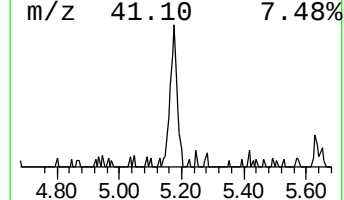
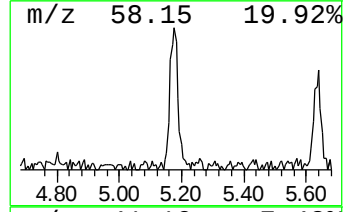
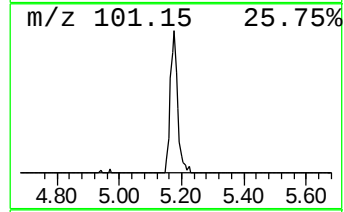
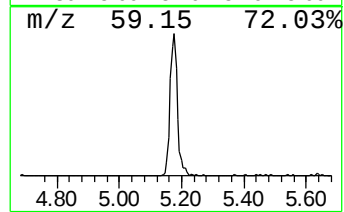
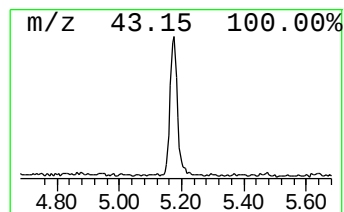
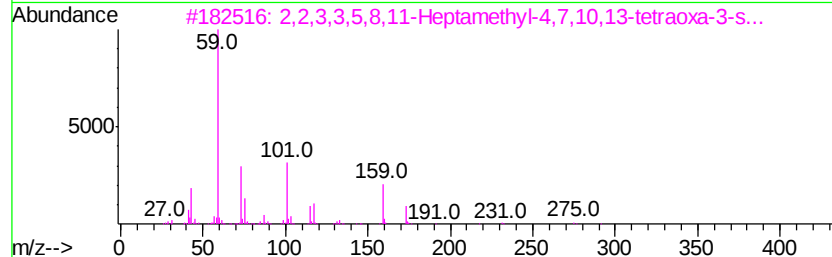
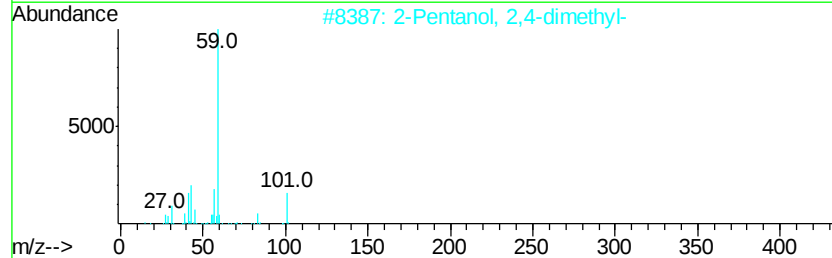
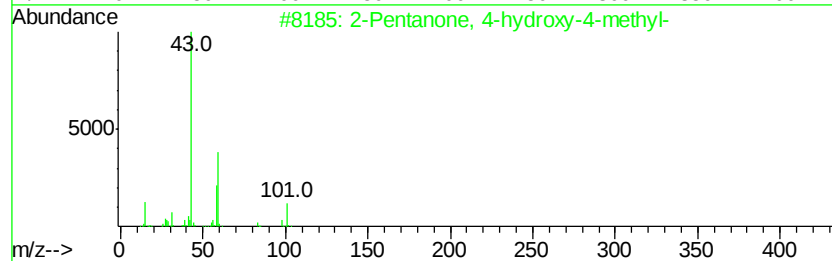
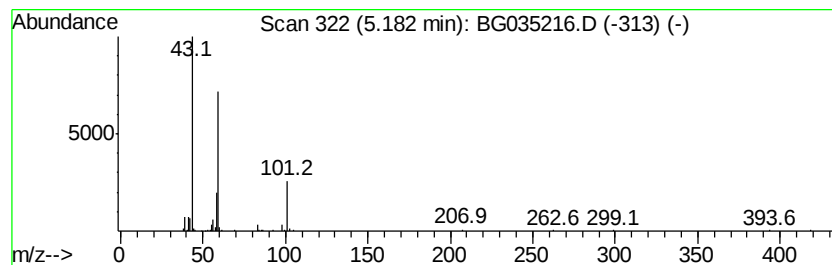
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.18 | 15.00 ng | 165308 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2    | 000123-42-2  | 38   |
| 2    |    |   | 2-Pentanol, 2,4-dimethyl-           | 116 | C7H16O     | 000625-06-9  | 25   |
| 3    |    |   | 2,2,3,3,5,8,11-Heptamethyl-4,7,1... | 348 | C18H40O4Si | 1000367-07-2 | 25   |
| 4    |    |   | Tetraolyme                          | 222 | C10H22O5   | 000143-24-8  | 23   |
| 5    |    |   | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3    | 053951-43-2  | 23   |



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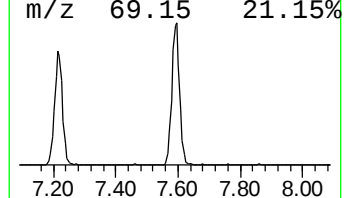
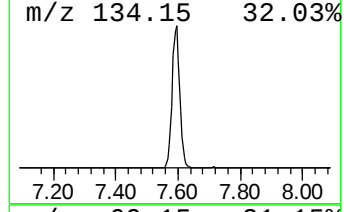
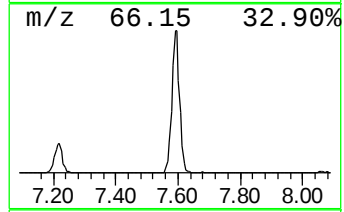
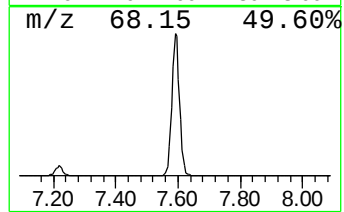
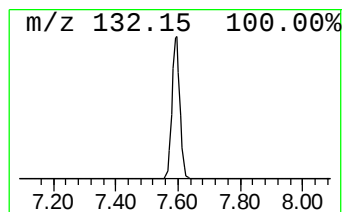
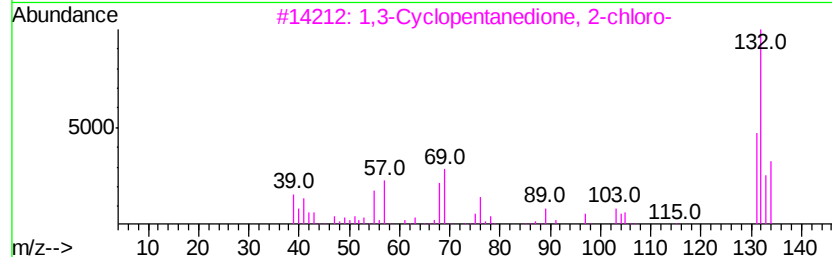
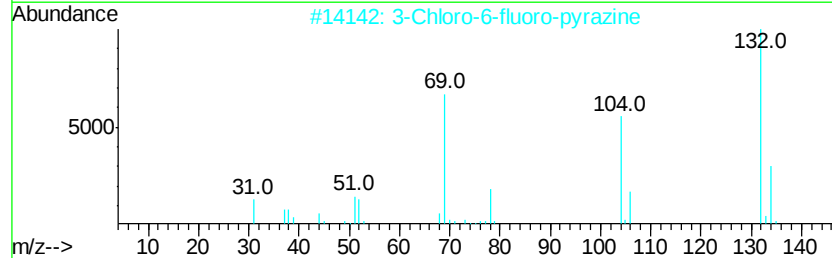
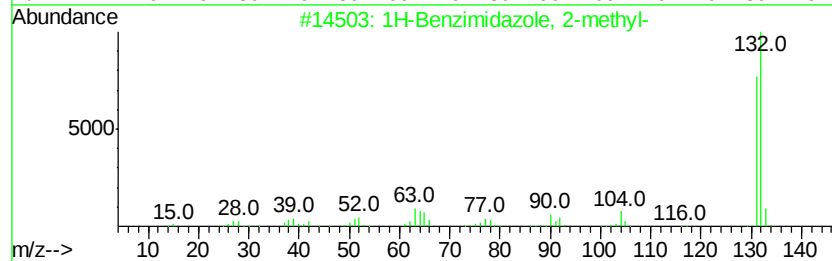
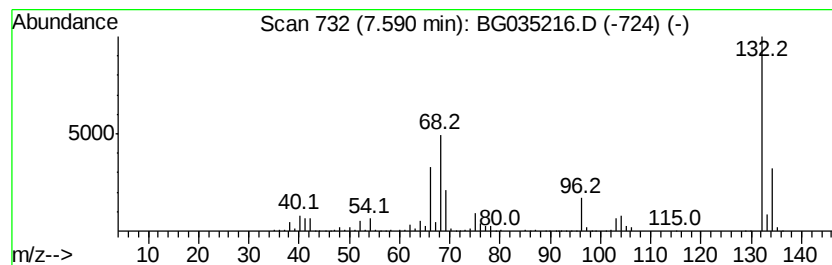
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Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.59 | 103.83 ng | 1144540 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 3    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 13   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | 1H-Indazole, 3-methyl-           | 132 | C8H8N2    | 1000316-00-2 | 12   |



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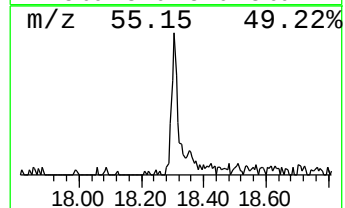
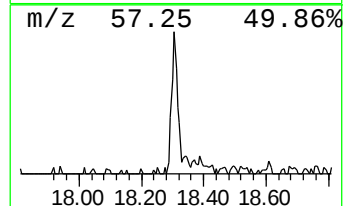
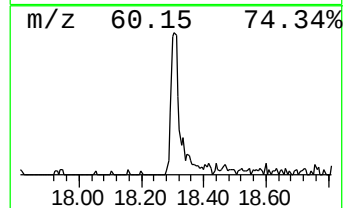
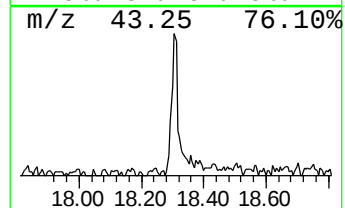
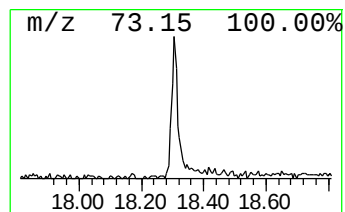
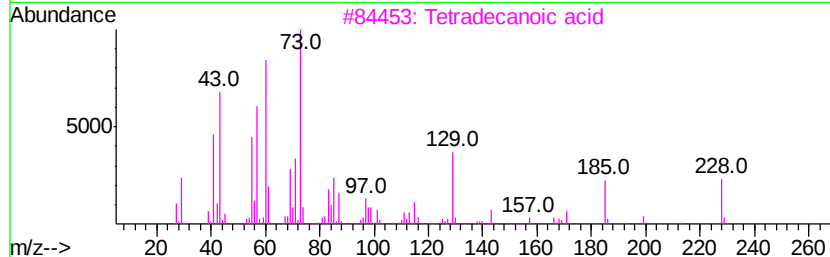
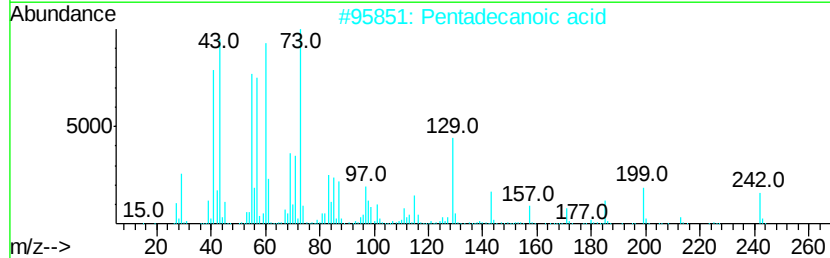
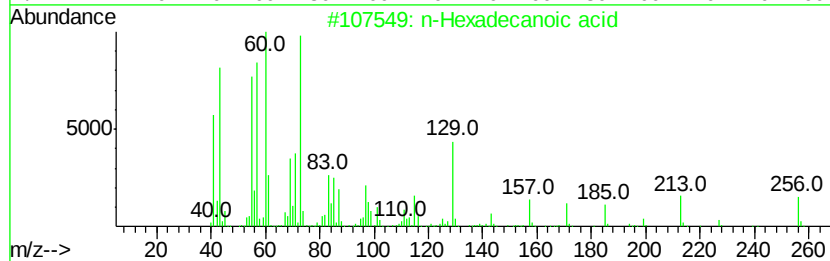
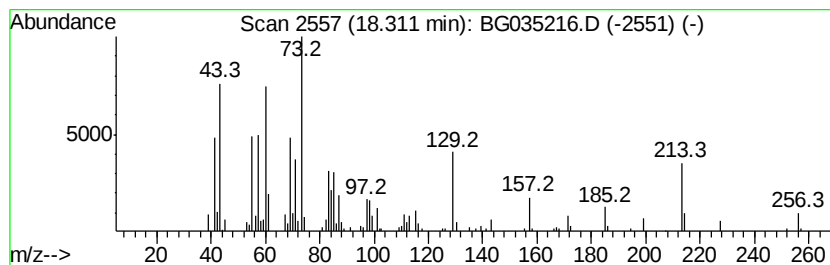
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.31 | 4.15 ng | 151452 | Phenanthrene-d10 | 17.42 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|-----------|--------------------------------|-----|----------|-------------|------|
| 1         | n-Hexadecanoic acid            | 256 | C16H32O2 | 000057-10-3 | 96   |
| 2         | Pentadecanoic acid             | 242 | C15H30O2 | 001002-84-2 | 53   |
| 3         | Tetradecanoic acid             | 228 | C14H28O2 | 000544-63-8 | 50   |
| 4         | Octyl-.beta.-D-glucopyranoside | 292 | C14H28O6 | 029836-26-8 | 35   |
| 5         | Dodecanoic acid                | 200 | C12H24O2 | 000143-07-7 | 35   |



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BNA\_G  
ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.18  | 15.0    | ng    | 165308   | 1                     | 8.06  | 220462 | 20.0 |
| unknown7.59          | 7.59  | 103.8   | ng    | 1144540  | 1                     | 8.06  | 220462 | 20.0 |
| n-Hexadecanoic acid  | 18.31 | 4.2     | ng    | 151452   | 4                     | 17.42 | 729805 | 20.0 |