

Data File : BN005413.D

Operator : JU/SJ

Sample : K2481-22MEDL 5X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 00:33:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

**Instrument :**

BNA\_N

**ClientSampleId :**

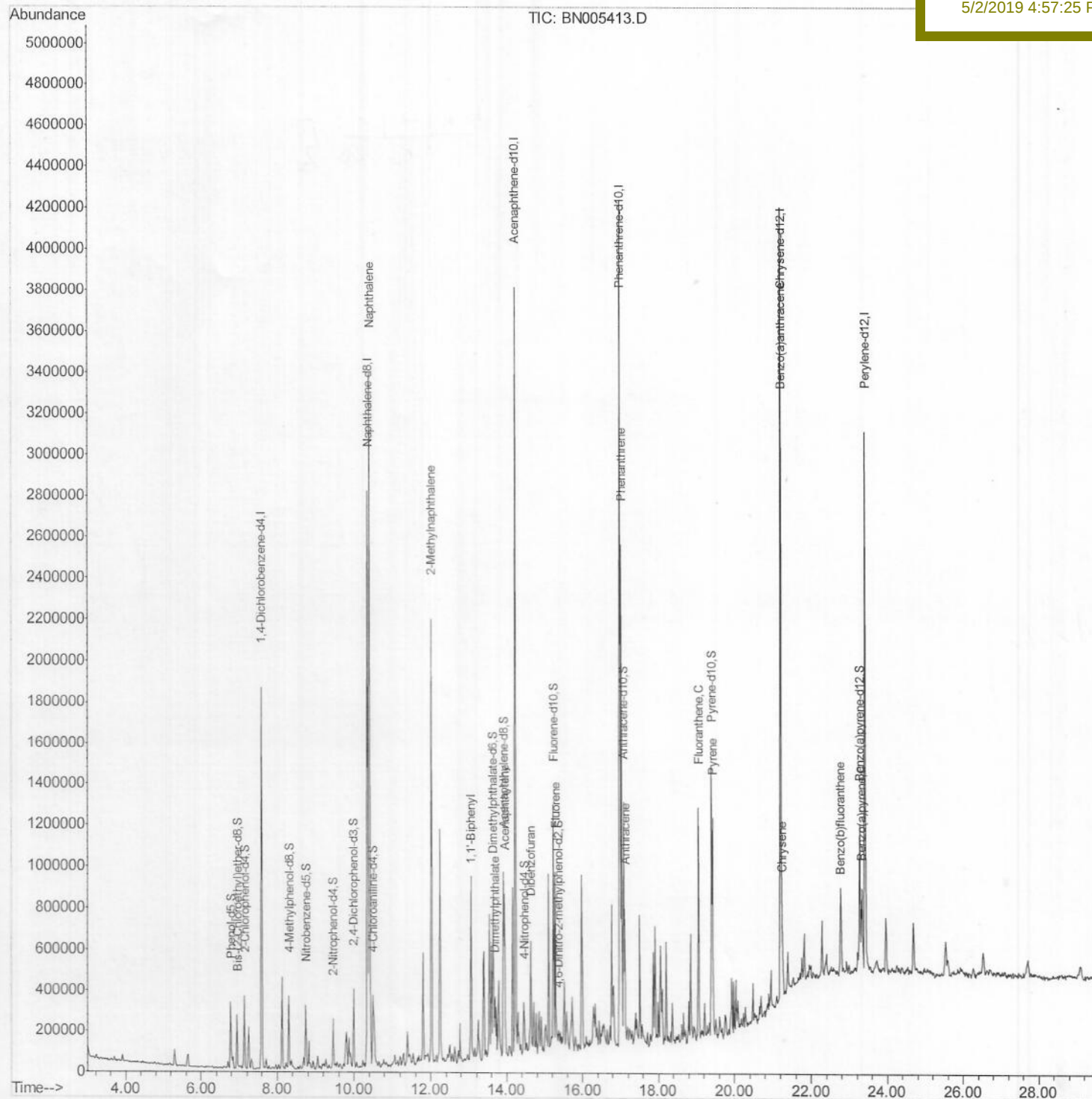
GAHX5MEDL

## Manual Integrations

**APPROVED**

Sohil

5/2/2019 4:57:25 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050119\

Data File : BN005413.D

Acq On : 01 May 2019 16:31

Operator : JU/SJ

Sample : K2481-22MEDL 5X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mav 01 23:20:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

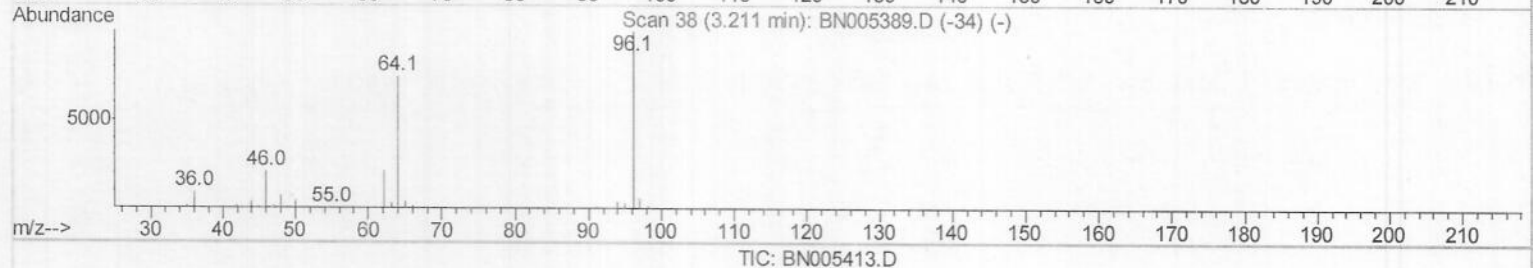
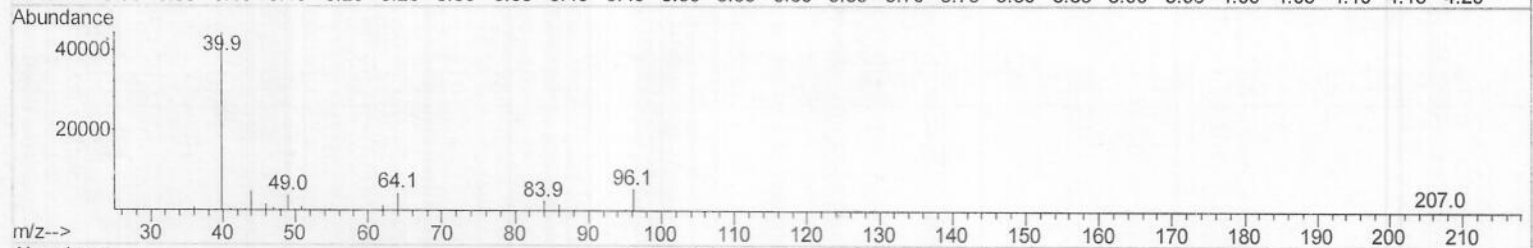
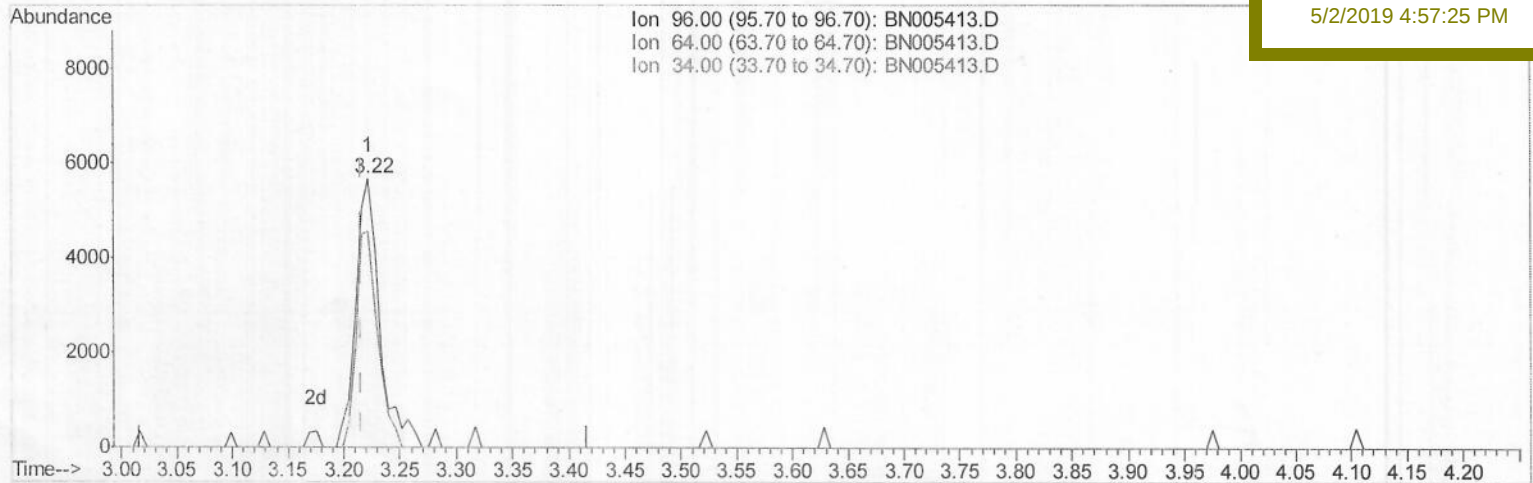
GAHX5MEDL

Manual Integrations

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(3) 1,4-Dioxane-d8 (S)

3.222min (+0.006) 0.78ng/uL

response 8164

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 77.40 | 80.62 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050119\

Data File : BN005413.D

Acq On : 01 May 2019 16:31

Operator : JU/SJ

Sample : K2481-22MEDL 5X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 23:20:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

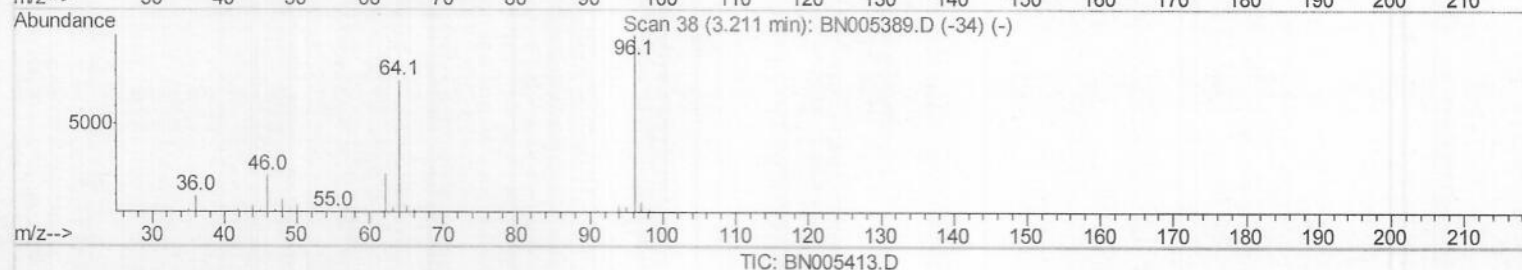
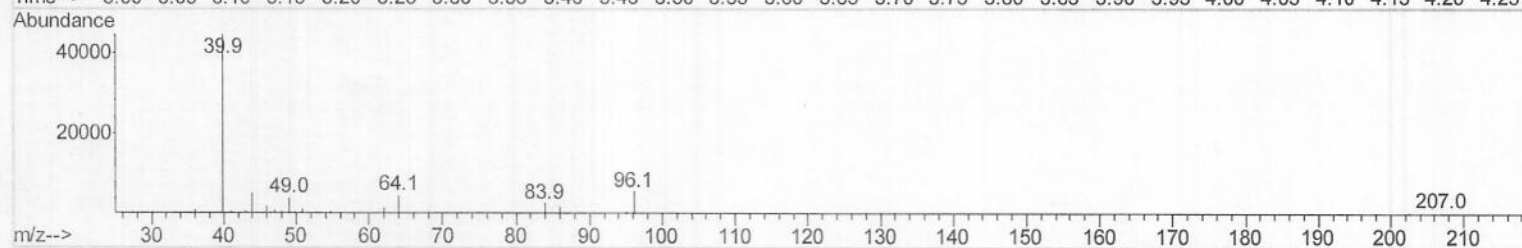
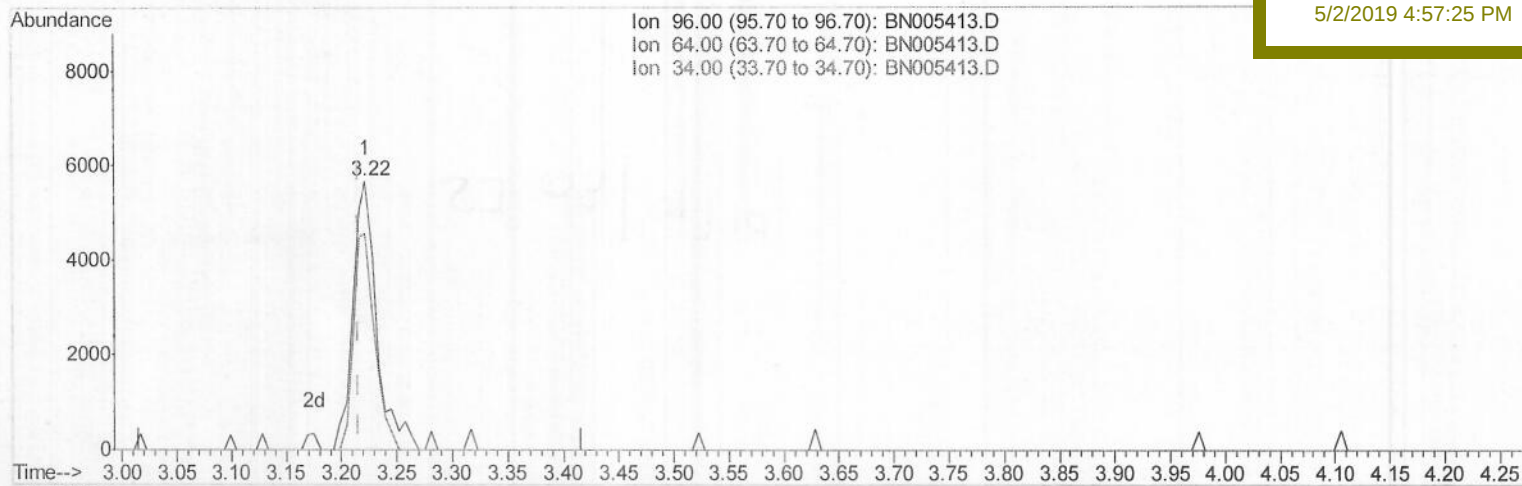
GAHX5MEDL

Manual Integrations

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(3) 1,4-Dioxane-d8 (S)

3.222min (+0.006) 0.81ng/uL m&gt; SJ 05/02/19

response 8485

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 77.40 | 80.62 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050119\

Data File : BN005413.D

Acq On : 01 May 2019 16:31

Operator : JU/SJ

Sample : K2481-22MEDL 5X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 23:20:22 2019

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Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

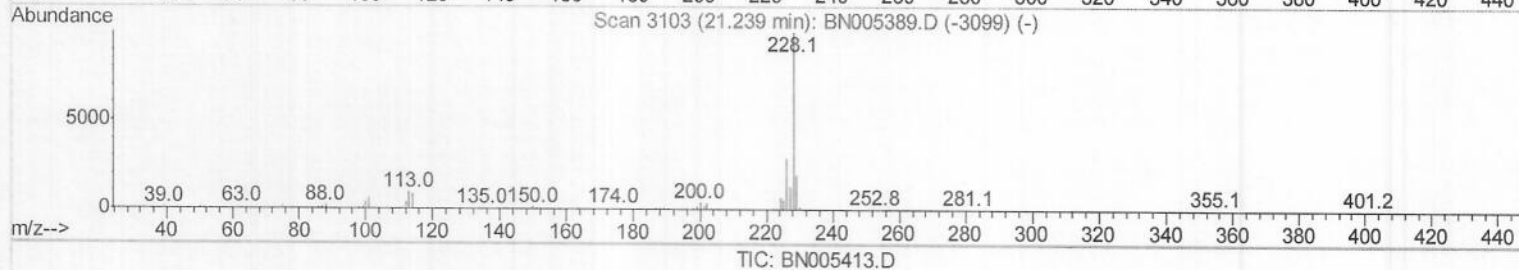
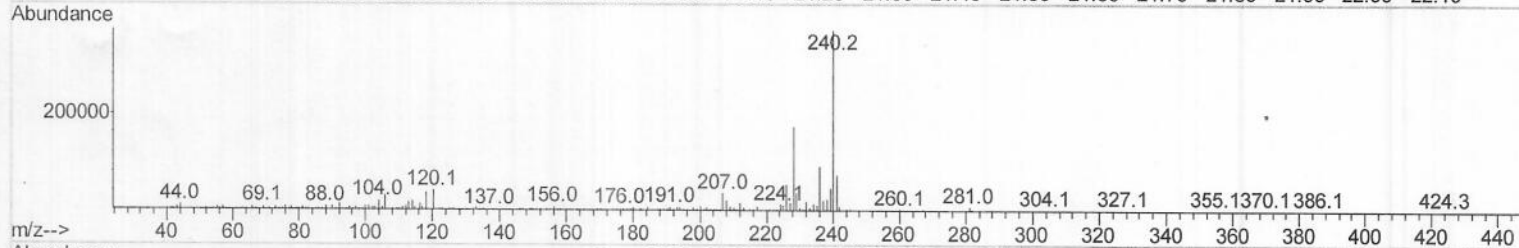
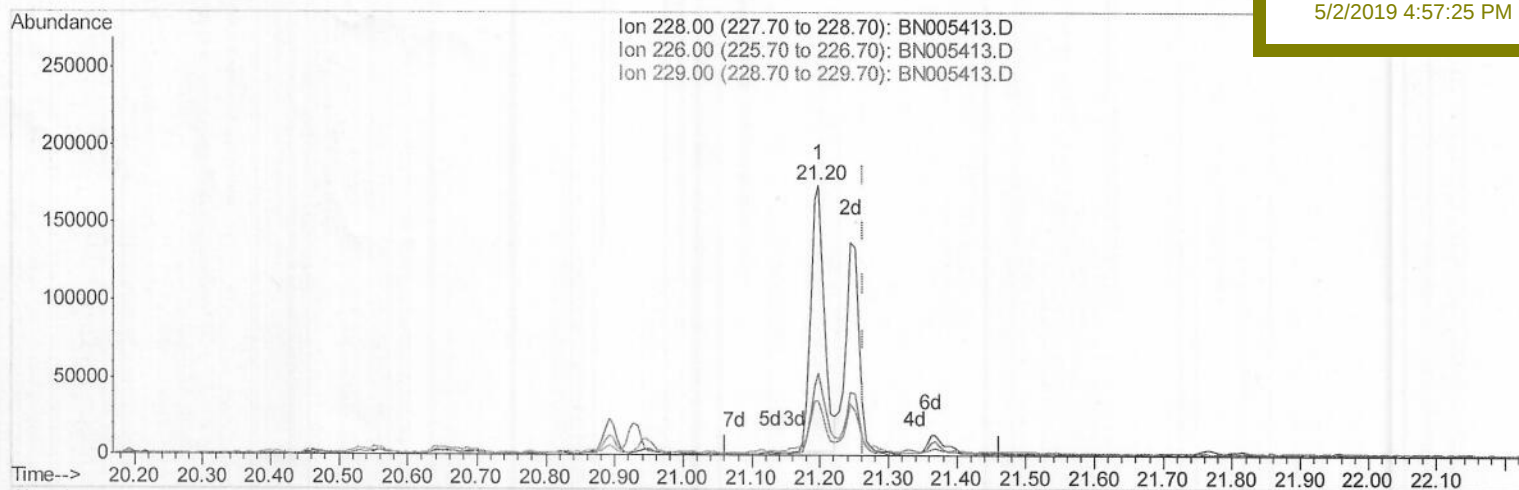
GAHX5MEDL

Manual Integrations

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(84) Chrysene

21.198min (-0.065) 2.39ng/ul

response 242571

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.00 | 31.10 |
| 229.00 | 19.20 | 20.29 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050119\

Data File : BN005413.D

Acq On : 01 May 2019 16:31

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Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 23:20:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

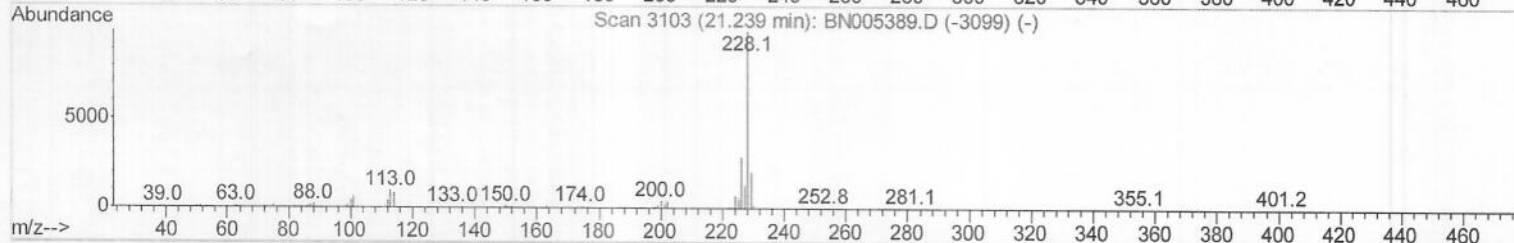
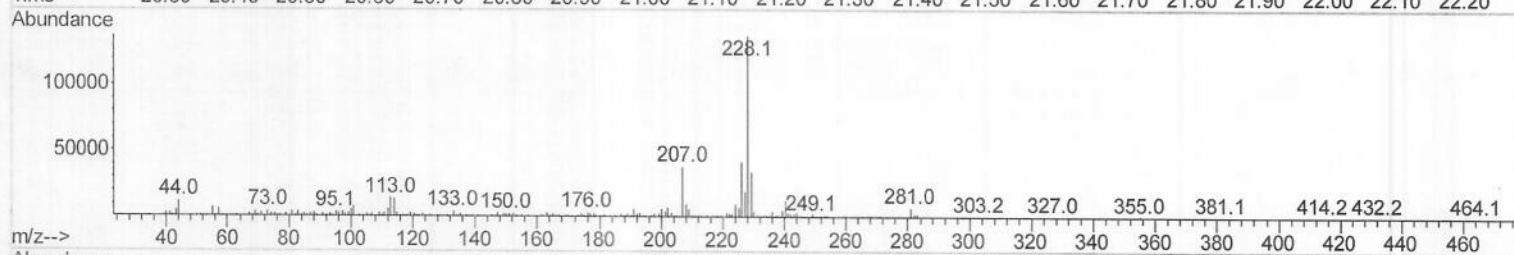
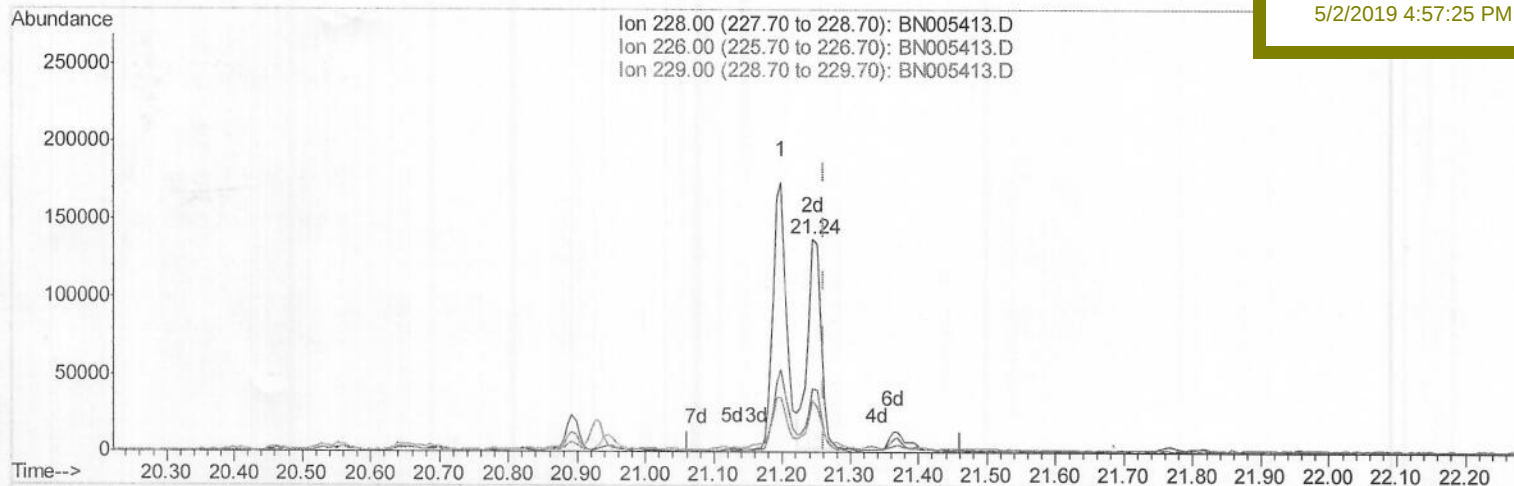
GAHX5MEDL

Manual Integrations

APPROVED

Sohil

5/2/2019 4:57:25 PM



(84) Chrysene

21.245min (-0.017) 1.84ng/ul m ) 5505102119

response 186800

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.00 | 30.04  |
| 229.00 | 19.20 | 24.56# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050119\

Data File : BN005413.D

Acq On : 01 May 2019 16:31

Operator : JU/SJ

Sample : K2481-22MEDL 5X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 00:33:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampled :

GAHX5MEDL

Manual Integrations  
APPROVED

Sohil

5/2/2019 4:57:25 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 505765   | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 10.36 | 136  | 2134062  | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 14.23 | 164  | 1242039  | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 16.98 | 188  | 2565105  | 20.00 | ng/ul | 0.00      |
| 77) Chrysene-d12          | 21.21 | 240  | 1758796  | 20.00 | ng/ul | -0.02     |
| 85) Perylene-d12          | 23.42 | 264  | 1850883  | 20.00 | ng/ul | -0.02     |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 8485m  | 0.81 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 181112 | 4.56 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl) ether-d | 6.94  | 67  | 114654 | 4.63 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 155455 | 5.11 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 145298 | 4.68 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 78468  | 5.97 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 80023  | 6.01 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 153058 | 5.01 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 214419 | 6.81 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 500584 | 5.55 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 608160 | 5.49 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 48702  | 3.42 | ng/ul | 0.02  |
| 57) Fluorene-d10               | 15.23 | 176 | 434483 | 5.74 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 18480  | 1.60 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.08 | 188 | 640467 | 5.96 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.39 | 212 | 611668 | 6.80 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 483924 | 5.98 | ng/ul | -0.03 |

## Target Compounds

| Target Compounds         | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|--------------------------|-------|------|----------|--------|--------|--------|
| 28) Naphthalene          | 10.40 | 128  | 2666055  | 26.873 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene  | 12.02 | 142  | 1019267  | 14.031 | ng/ul  | 96     |
| 40) 1,1'-Biphenyl        | 13.05 | 154  | 127730   | 1.380  | ng/ul  | 98     |
| 44) Dimethylphthalate    | 13.69 | 163  | 102615   | 1.142  | ng/ul  | 98     |
| 47) Acenaphthylene       | 13.95 | 152  | 445498   | 4.094  | ng/ul# | 97     |
| 53) Dibenzofuran         | 14.63 | 168  | 272018   | 2.543  | ng/ul  | 97     |
| 58) Fluorene             | 15.28 | 166  | 370883   | 4.443  | ng/ul  | 99     |
| 69) Phenanthrene         | 17.03 | 178  | 1520271  | 12.169 | ng/ul  | 99     |
| 71) Anthracene           | 17.12 | 178  | 414080   | 3.254  | ng/ul  | 97     |
| 76) Fluoranthene         | 19.06 | 202  | 680345   | 4.910  | ng/ul  | 97     |
| 79) Pyrene               | 19.42 | 202  | 616347   | 5.443  | ng/ul  | 97     |
| 82) Benzo(a)anthracene   | 21.20 | 228  | 242571   | 2.217  | ng/ul  | 95     |
| 84) Chrysene             | 21.24 | 228  | 186800m  | 1.840  | ng/ul  |        |
| 87) Benzo(b)fluoranthene | 22.76 | 252  | 160981   | 1.547  | ng/ul  | 100    |
| 90) Benzo(a)pyrene       | 23.32 | 252  | 142587   | 1.458  | ng/ul  | 98     |

(#)=qualifier out of range (m)=manual integration (+)=signals summed

5/05/02/19