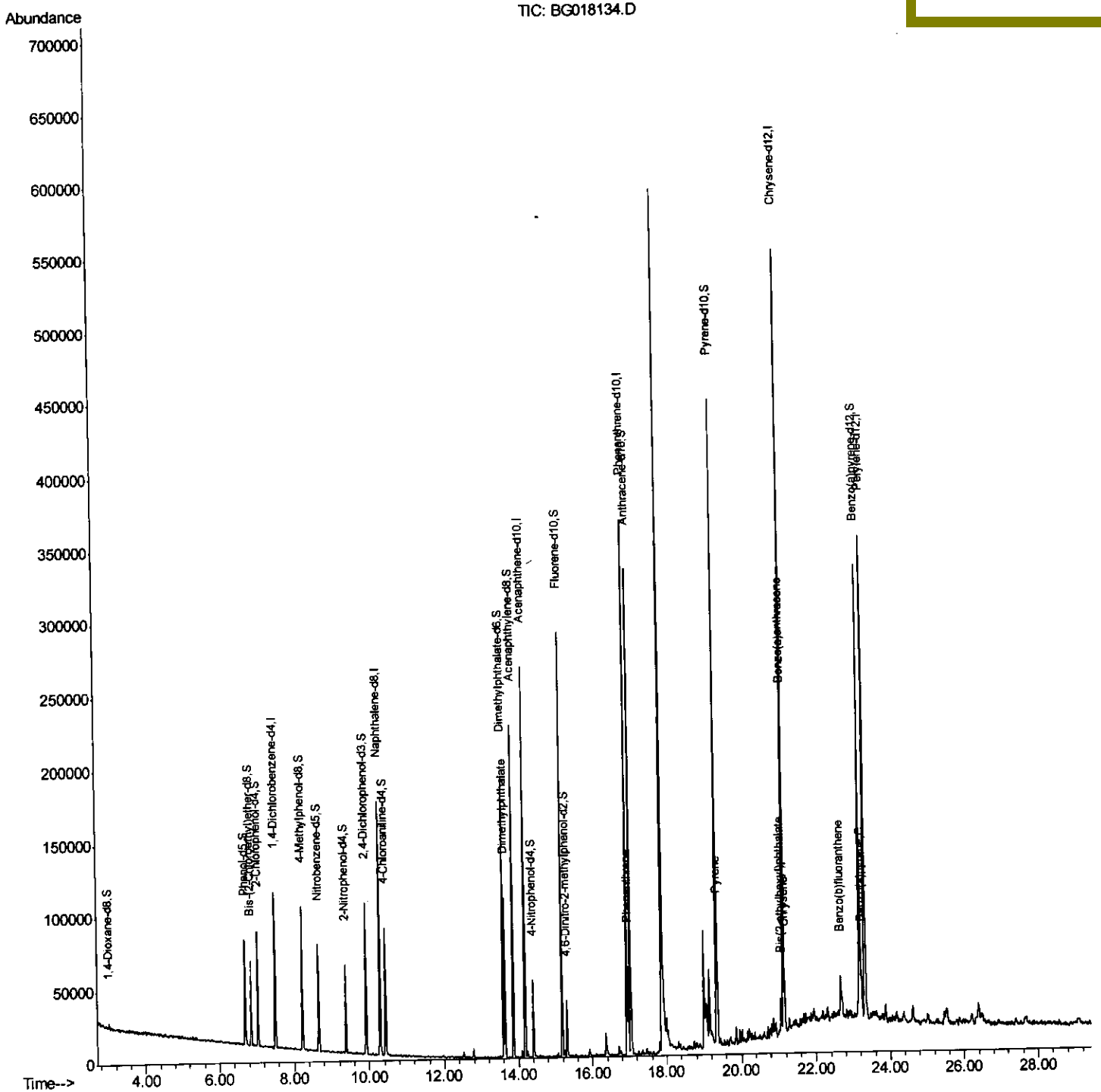


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018134.D
 Acq On : 28 Jul 2015 3:47
 Operator : TP/UM
 Sample : G3030-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M8

Quant Time: Jul 28 04:40:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 02:39:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED
 mohammad
 7/28/2015 5:50:45 PM



Quantitation Report (Qedit)

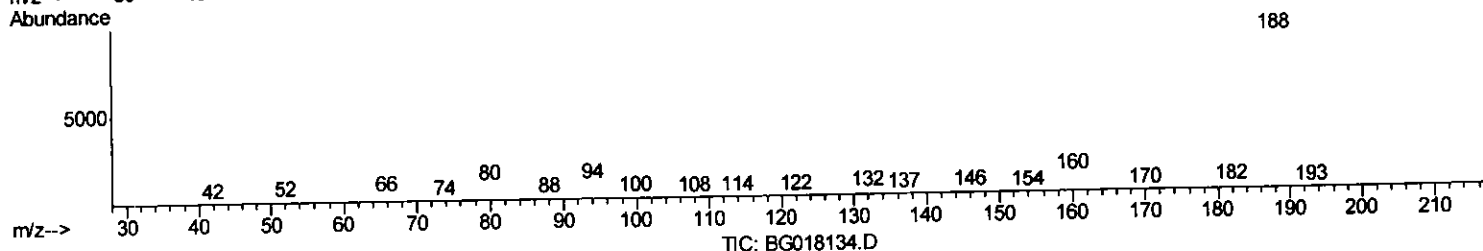
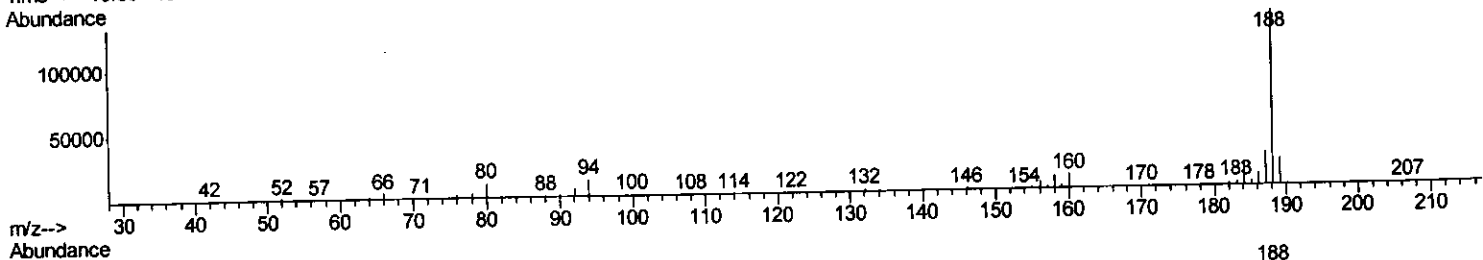
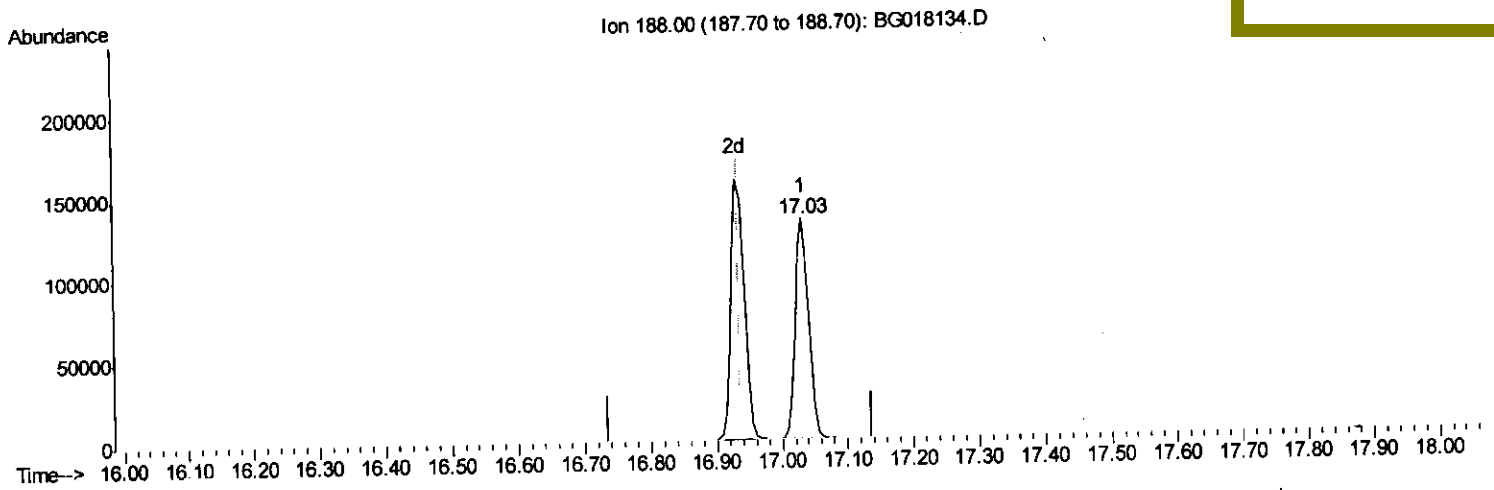
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018134.D
 Acq On : 28 Jul 2015 3:47
 Operator : TP/UM
 Sample : G3030-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M8

Manual Integrations
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Quant Time: Jul 28 04:32:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 02:39:42 2015
 Response via : Initial Calibration



(62) Phenanthrene-d10 (I)

17.032min (+0.096) 20.00ng/ul

response 185860

| Ion | Exp% | Act% |
|--------|------|------|
| 188.00 | 100 | 100 |
| 94.00 | 9.80 | 9.76 |
| 80.00 | 9.60 | 8.35 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

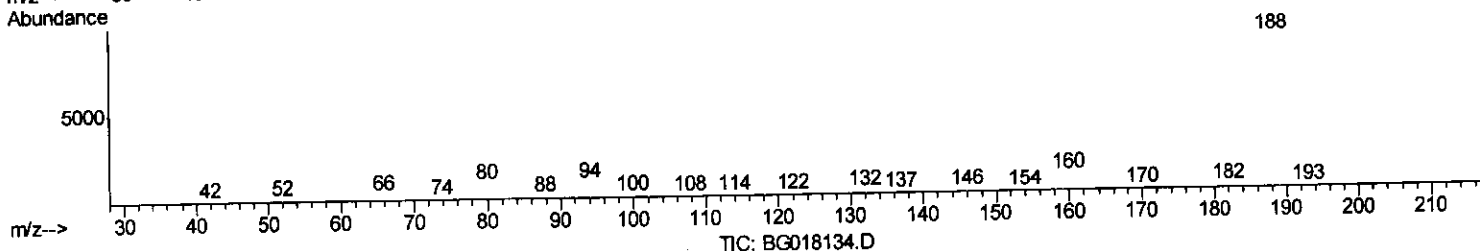
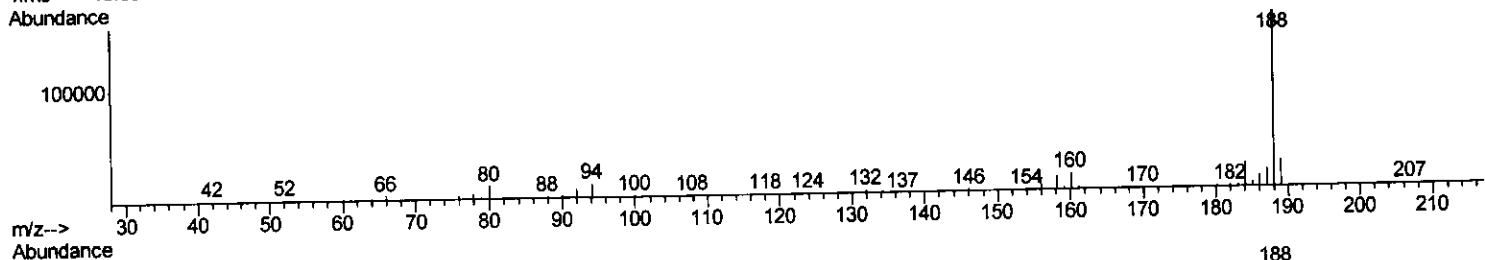
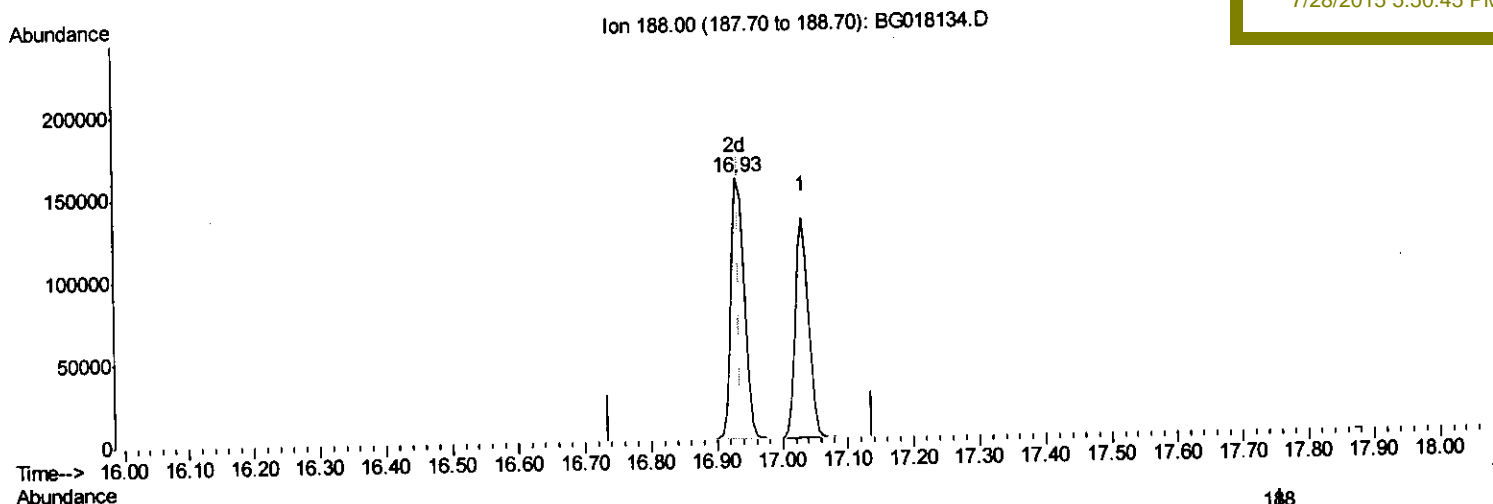
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018134.D
 Acq On : 28 Jul 2015 3:47
 Operator : TP/UM
 Sample : G3030-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M8

Quant Time: Jul 28 04:32:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 02:39:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 7/28/2015 5:50:45 PM



(62) Phenanthrene-d10 (l)

16.932min (-0.004) 20.00ng/ul m

response 222045

TP
7/29/15

| Ion | Exp% | Act% |
|--------|------|-------|
| 188.00 | 100 | 100 |
| 94.00 | 9.80 | 7.87 |
| 80.00 | 9.60 | 7.59# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

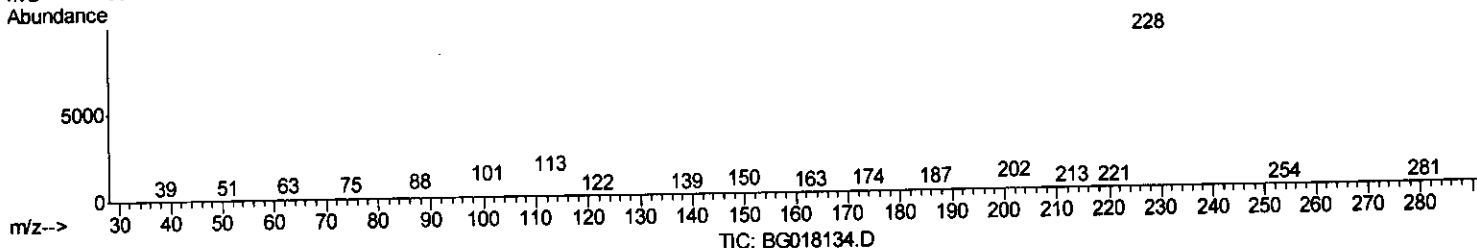
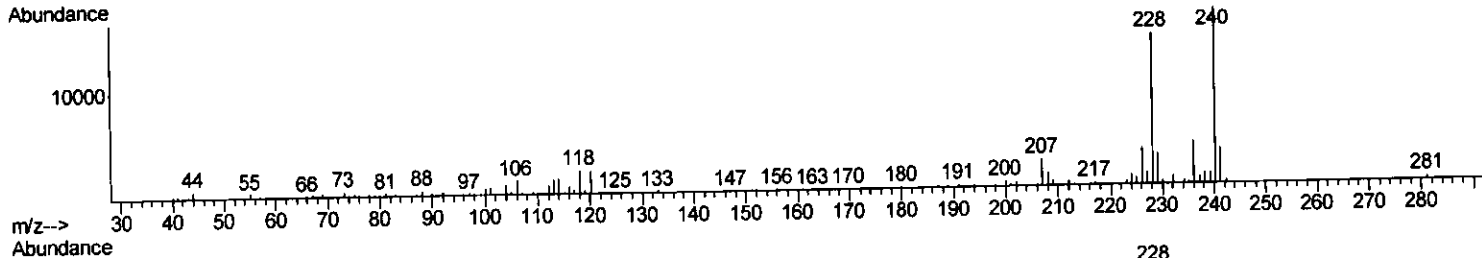
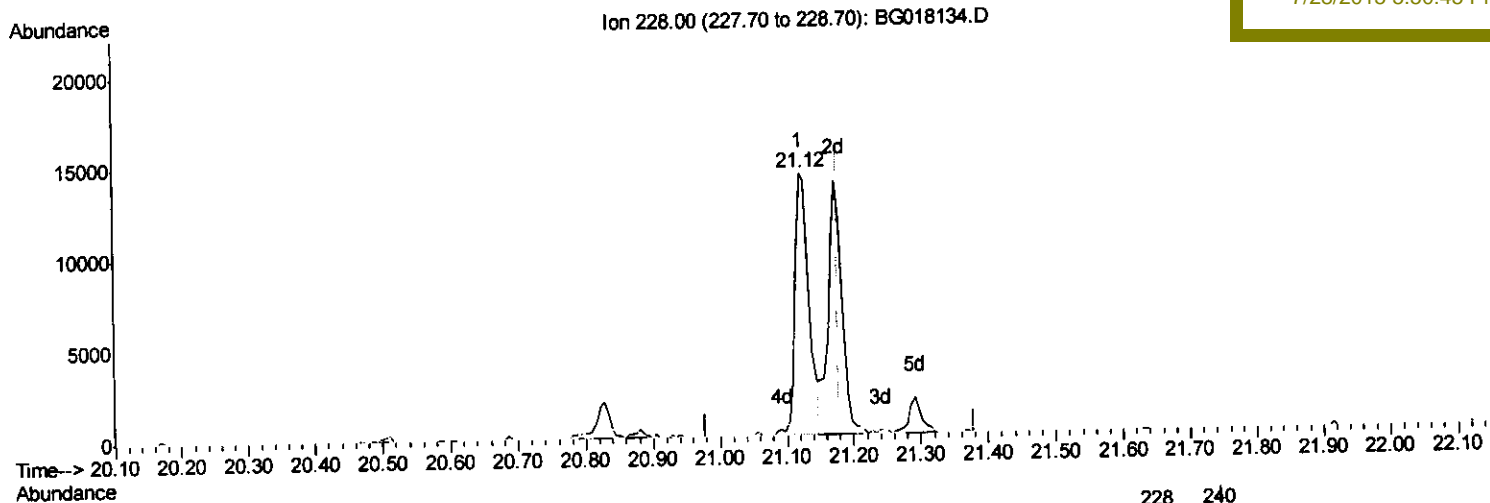
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018134.D
 Acq On : 28 Jul 2015 3:47
 Operator : TP/UM
 Sample : G3030-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M8

Quant Time: Jul 28 04:39:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 02:39:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(85) Chrysene

21.121min (-0.057) 1.75ng/ul

response 20627

| Ion | Exp% | Act% |
|--------|-------|-------|
| 228.00 | 100 | 100 |
| 226.00 | 28.60 | 24.90 |
| 229.00 | 19.50 | 21.12 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

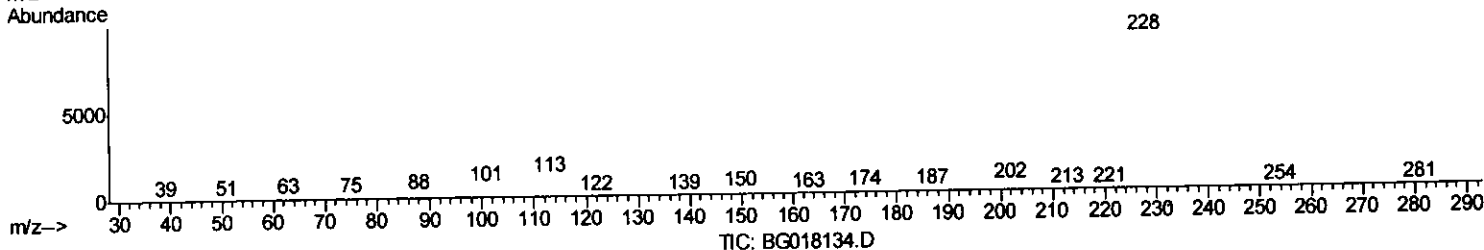
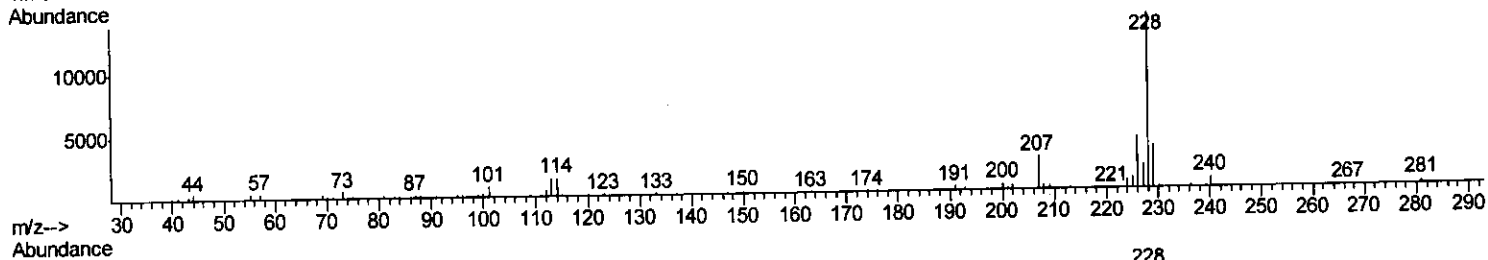
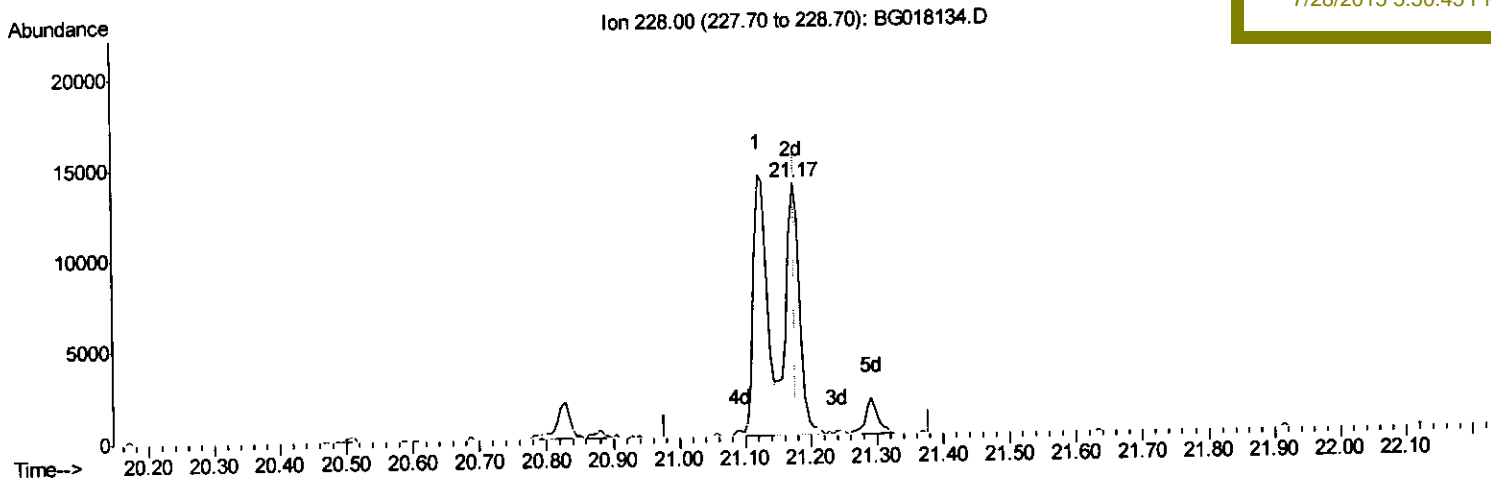
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018134.D
 Acq On : 28 Jul 2015 3:47
 Operator : TP/UM
 Sample : G3030-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M8

Quant Time: Jul 28 04:39:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 02:39:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
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(85) Chrysene

21.174min (-0.004) 1.72ng/ul m

response 20217

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7/29/15

| Ion | Exp% | Act% |
|--------|-------|--------|
| 228.00 | 100 | 100 |
| 226.00 | 28.60 | 30.41 |
| 229.00 | 19.50 | 25.79# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018134.D
 Acq On : 28 Jul 2015 3:47
 Operator : TP/UM
 Sample : G3030-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M8

Quant Time: Jul 28 04:40:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 02:39:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED
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 7/28/2015 5:50:45 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|------------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 30202 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.29 | 136 | 145845 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.18 | 164 | 96863 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.93 | 188 | 222045m | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.14 | 240 | 236213 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.33 | 264 | 231175 | 20.00 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.01 | 96 | 1812 | 3.75 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.69 | 99 | 42662 | 18.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.85 | 67 | 21820 | 18.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.04 | 132 | 41478 | 20.08 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.22 | 113 | 38649 | 18.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.66 | 128 | 22560 | 19.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.38 | 143 | 23735 | 19.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.92 | 165 | 41151 | 19.42 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.43 | 131 | 53077 | 21.53 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.59 | 166 | 133487 | 19.63 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.87 | 160 | 165723 | 19.83 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.40 | 143 | 17015 | 11.89 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.18 | 176 | 124656 | 19.83 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.31 | 200 | 11346 | 7.99 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.03 | 188 | 185558 | 19.29 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.34 | 212 | 207580 | 19.18 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.19 | 264 | 216490 | 19.62 | ng/ul | 0.00 |
| Target Compounds | | | | | | |
| 45) Dimethylphthalate | 13.64 | 163 | 69889 | 10.21 | ng/ul | 99 |
| 70) Phenanthrene | 16.97 | 178 | 35164 | 3.15 | ng/ul | 95 |
| 80) Pyrene | 19.37 | 202 | 43208 | 3.19 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.12 | 228 | 20191 | 1.62 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 12007 | 1.51 | ng/ul | 99 |
| 85) Chrysene | 21.17 | 228 | 20217m | 1.72 | ng/ul | 96 |
| 88) Benzo(b)fluoranthene | 22.67 | 252 | 21117 | 1.67 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.23 | 252 | 16794 | 1.37 | ng/ul | 99 |

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