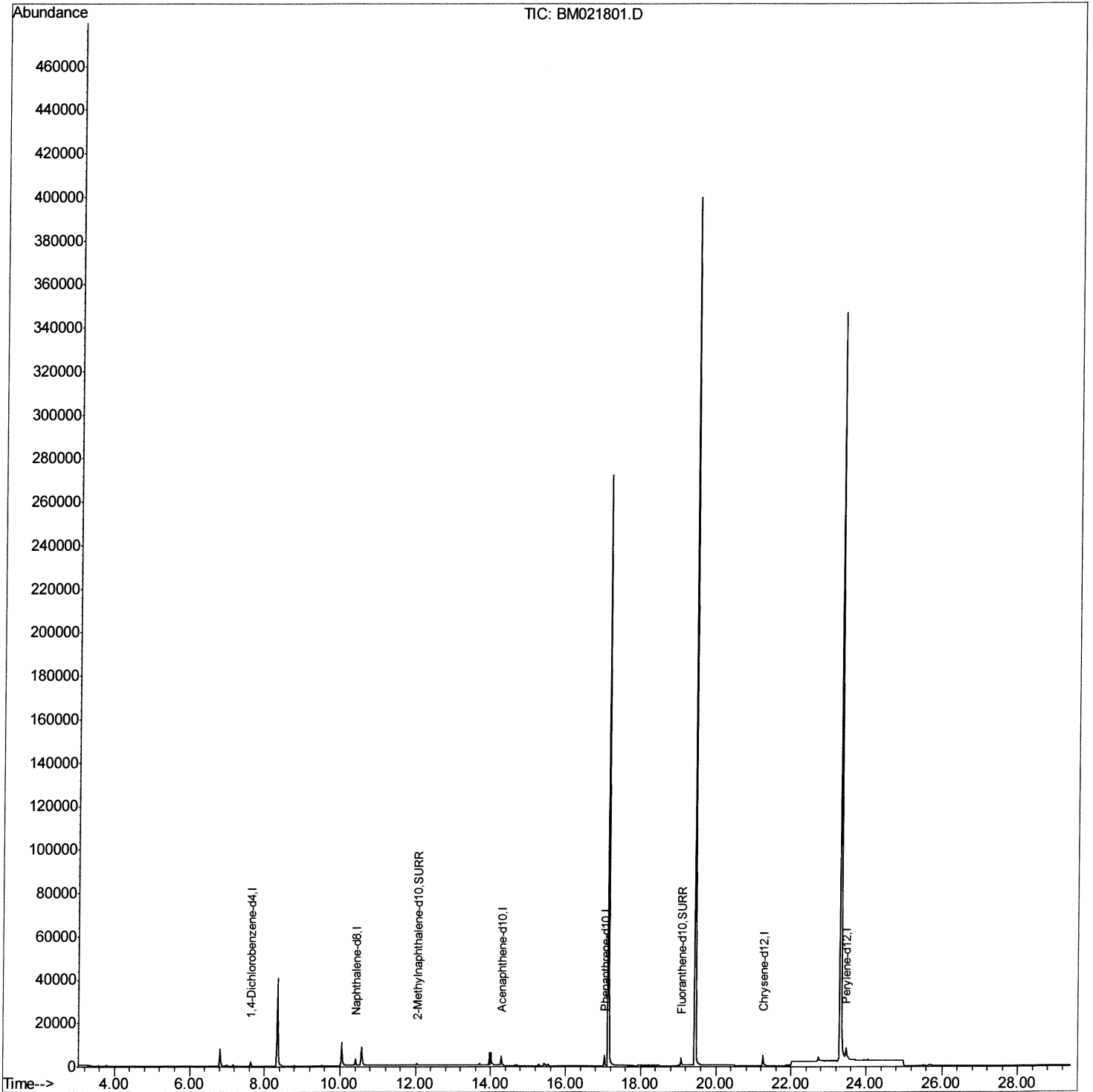


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 A52G1

Manual Integrations
APPROVED
 mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 09:31:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration



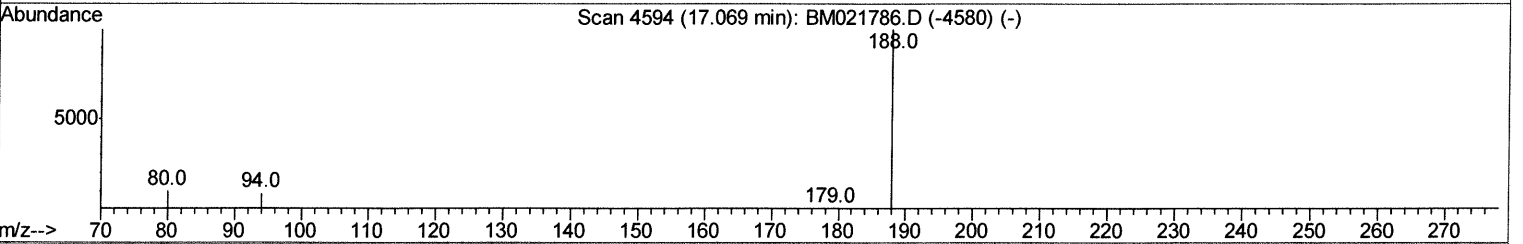
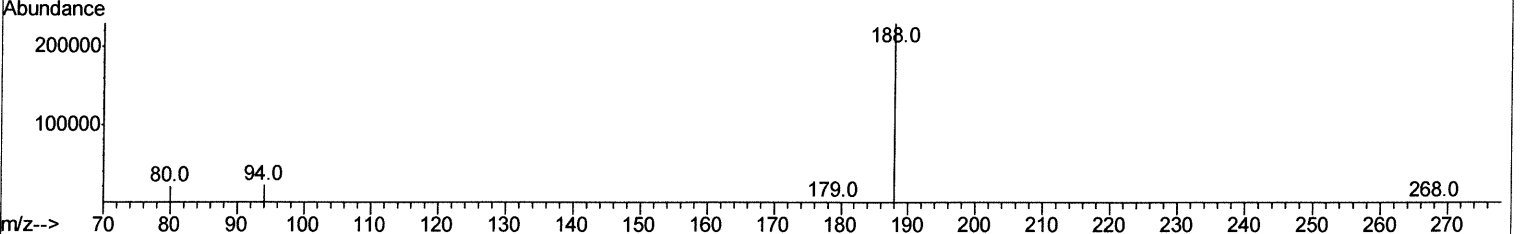
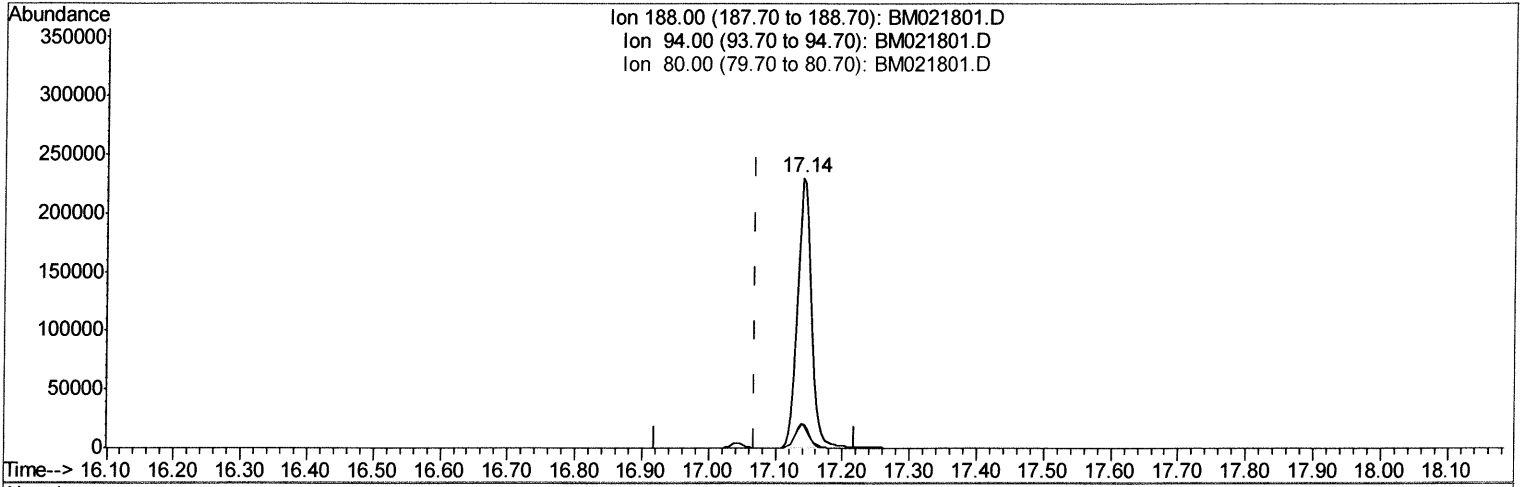
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A52G1

Manual Integrations
APPROVED
 mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 08:57:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration



TIC: BM021801.D

(10) Phenanthrene-d10 (l)
 17.140min (+0.071) 0.40ng/ul
 response 336931

| Ion | Exp% | Act% |
|--------|-------|-------|
| 188.00 | 100 | 100 |
| 94.00 | 10.40 | 9.31 |
| 80.00 | 11.40 | 8.89# |
| 0.00 | 0.00 | 0.00 |

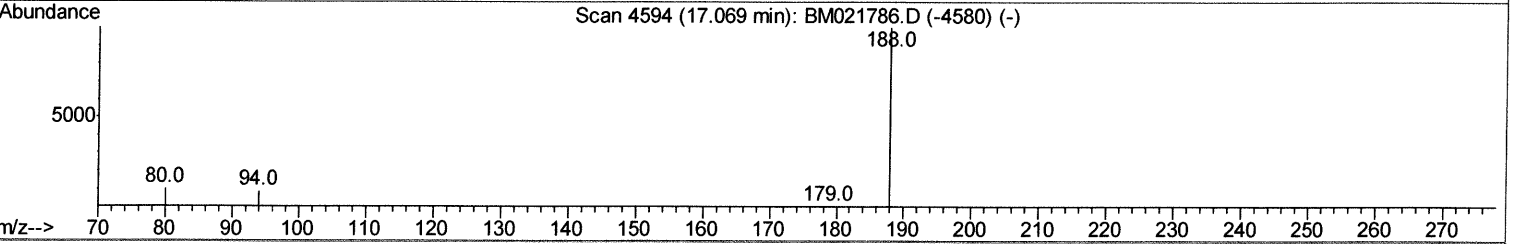
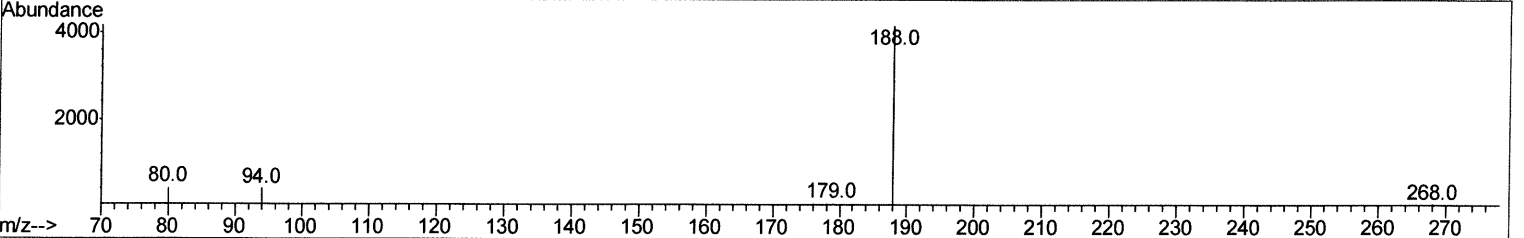
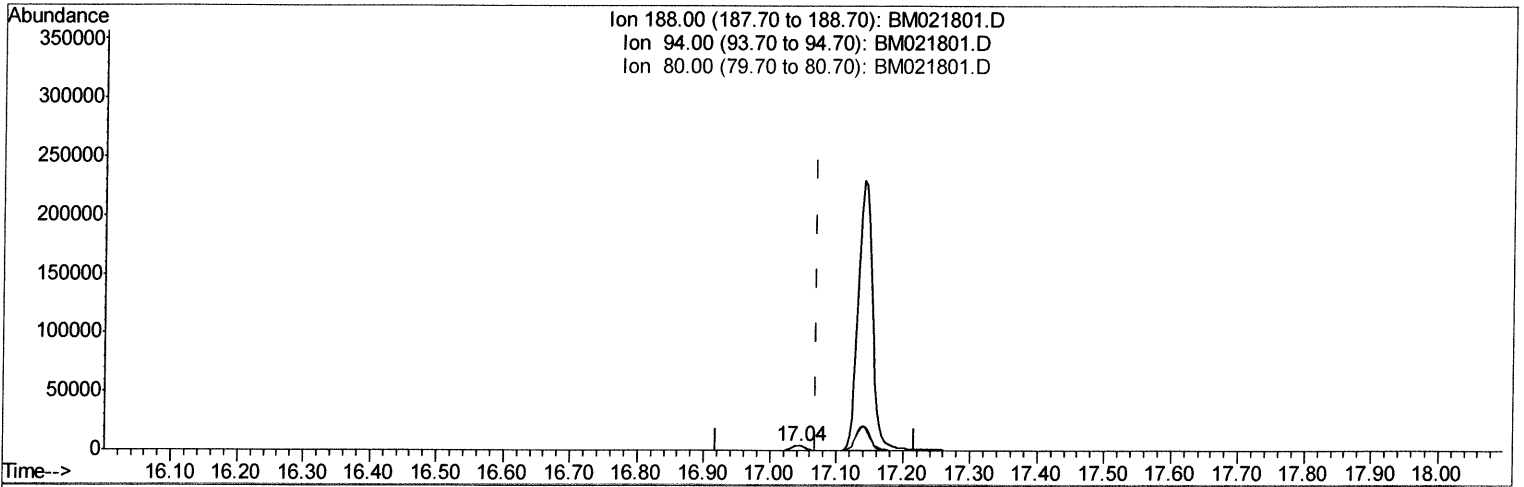
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 A52G1

Manual Integrations
APPROVED
 mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 08:57:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration



TIC: BM021801.D

(10) Phenanthrene-d10 (l) *JU*
 17.043min (-0.026) 0.40ng/ul m *08/05/19*

response 5788

| Ion | Exp% | Act% |
|--------|-------|-------|
| 188.00 | 100 | 100 |
| 94.00 | 10.40 | 9.77 |
| 80.00 | 11.40 | 10.18 |
| 0.00 | 0.00 | 0.00 |

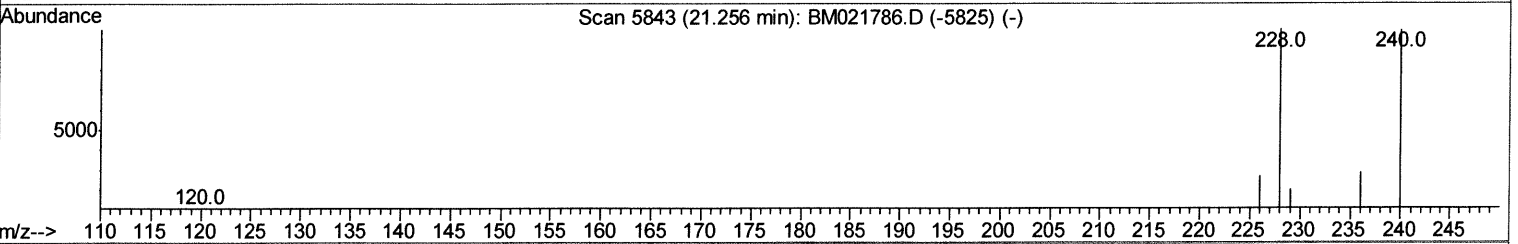
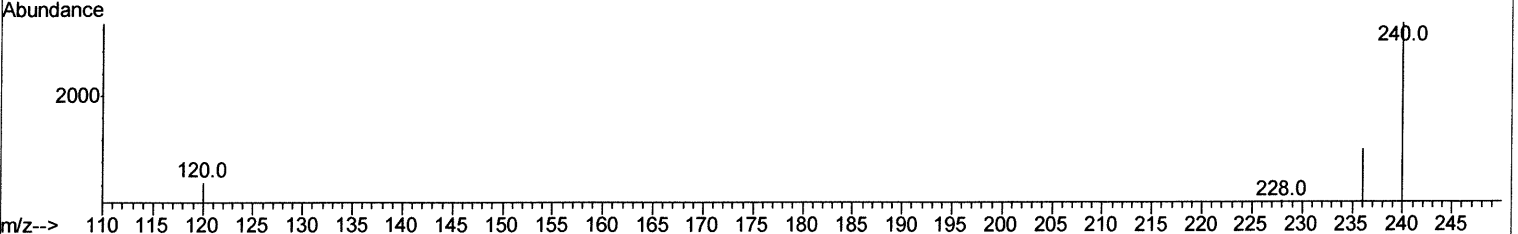
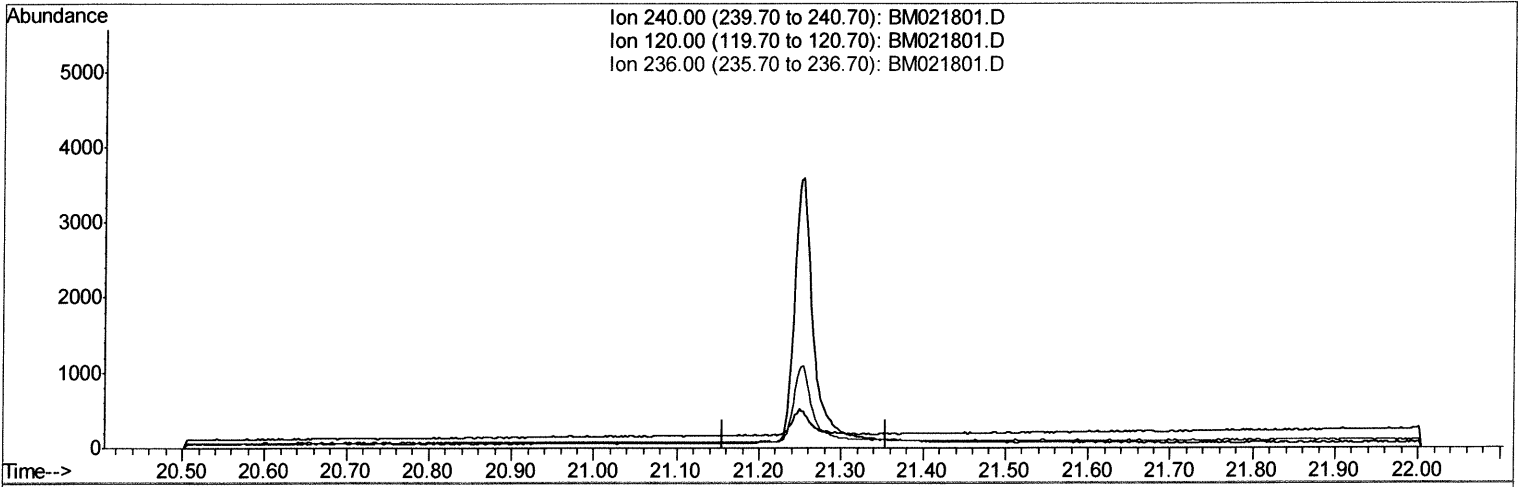
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A52G1

Manual Integrations
APPROVED
 mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 08:57:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration



TIC: BM021801.D

(16) Chrysene-d12 (I)
 21.256min (-21.256) 0.00ng/ul
 response 0

| Ion | Exp% | Act% |
|--------|-------|-------|
| 240.00 | 100 | 0.00 |
| 120.00 | 16.20 | 0.00# |
| 236.00 | 32.30 | 0.00# |
| 0.00 | 0.00 | 0.00 |

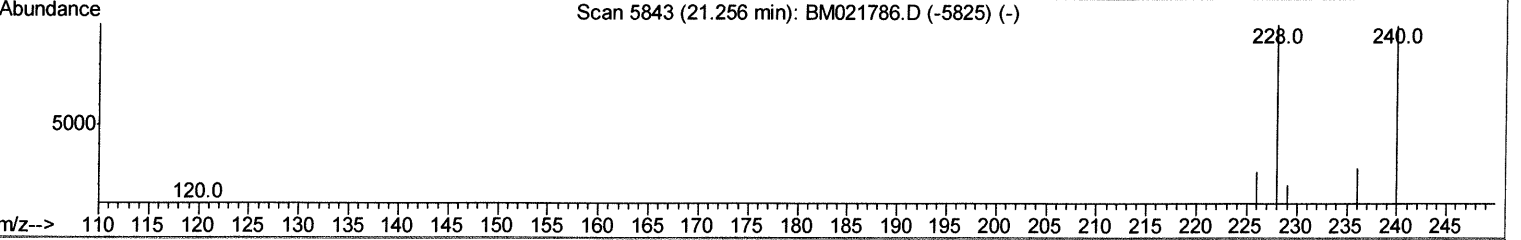
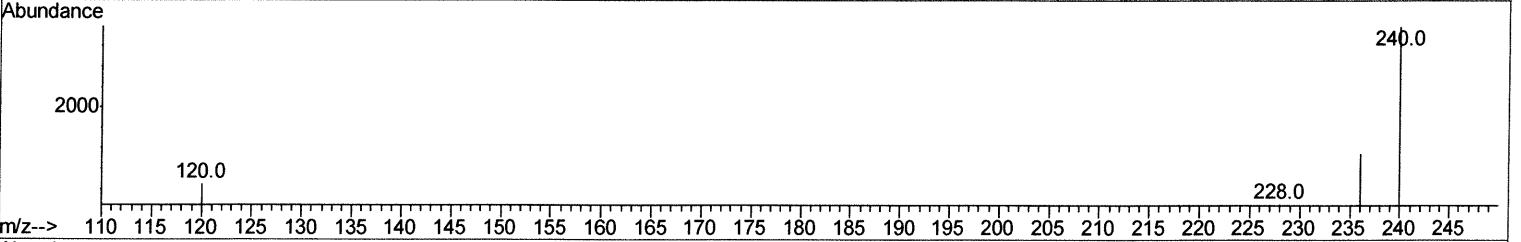
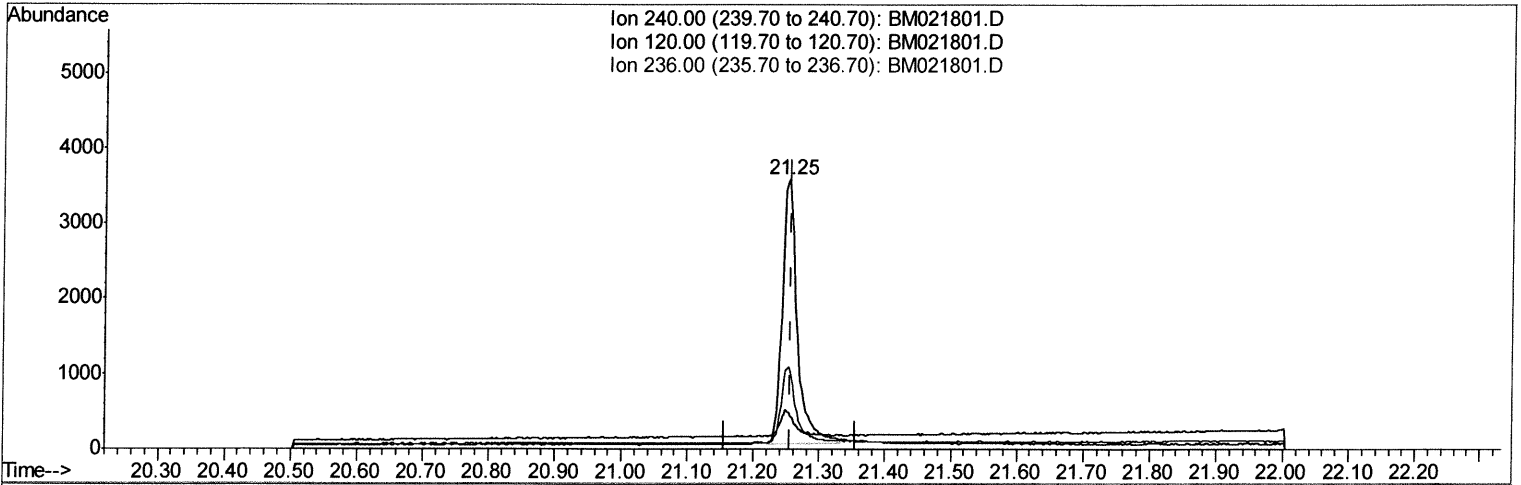
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A52G1

Manual Integrations
APPROVED
 mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 08:57:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration



TIC: BM021801.D

(16) Chrysene-d12 (I)

21.253min (-0.003) 0.40ng/ul m *JU 08/05/19*

response 5601

| Ion | Exp% | Act% |
|--------|-------|-------|
| 240.00 | 100 | 100 |
| 120.00 | 16.20 | 13.84 |
| 236.00 | 32.30 | 30.31 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

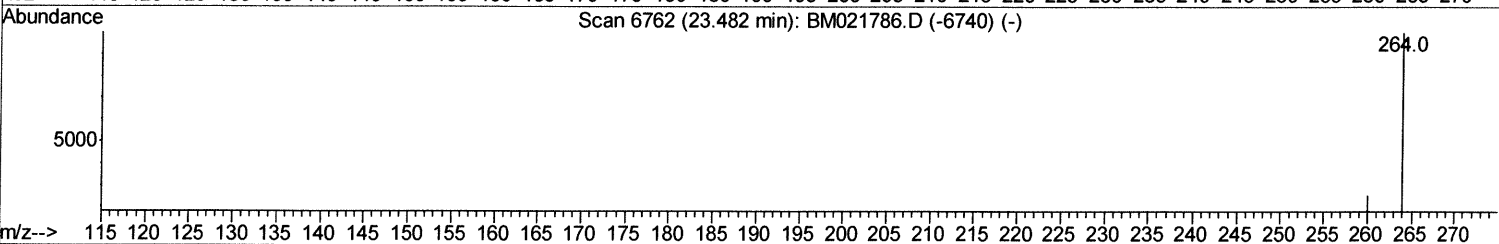
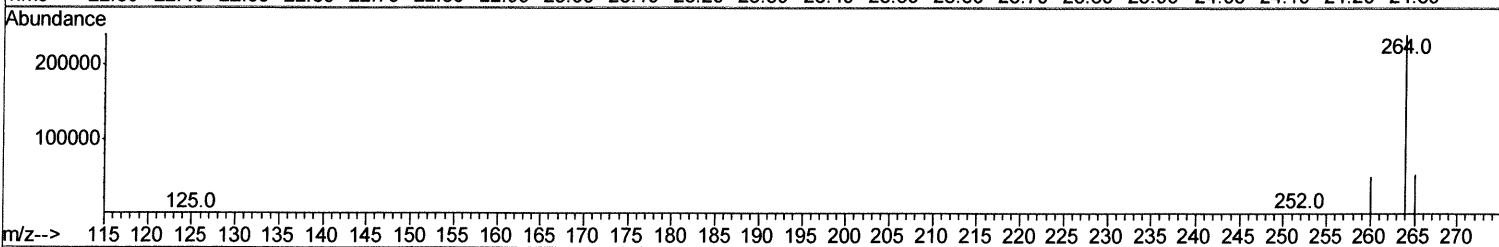
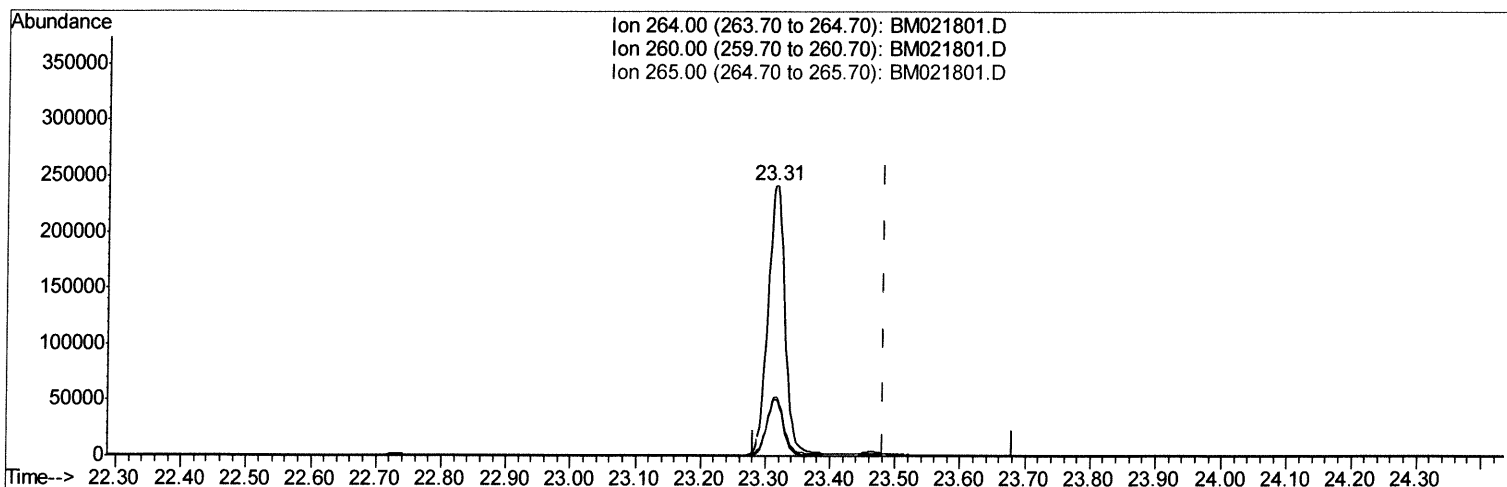
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A52G1

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 08:57:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration



TIC: BM021801.D

(20) Perylene-d12 (I)

23.314min (-0.167) 0.40ng/ul

response 434718

| Ion | Exp% | Act% |
|--------|--------|--------|
| 264.00 | 100 | 100 |
| 260.00 | 27.50 | 21.01# |
| 265.00 | 117.00 | 21.92# |
| 0.00 | 0.00 | 0.00 |

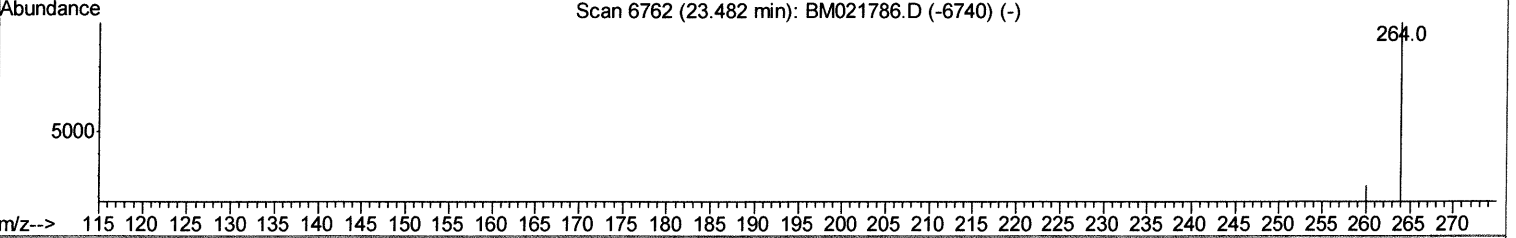
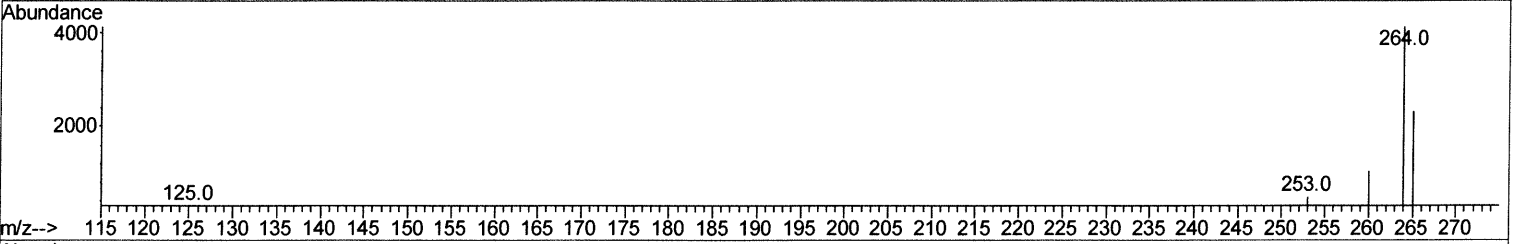
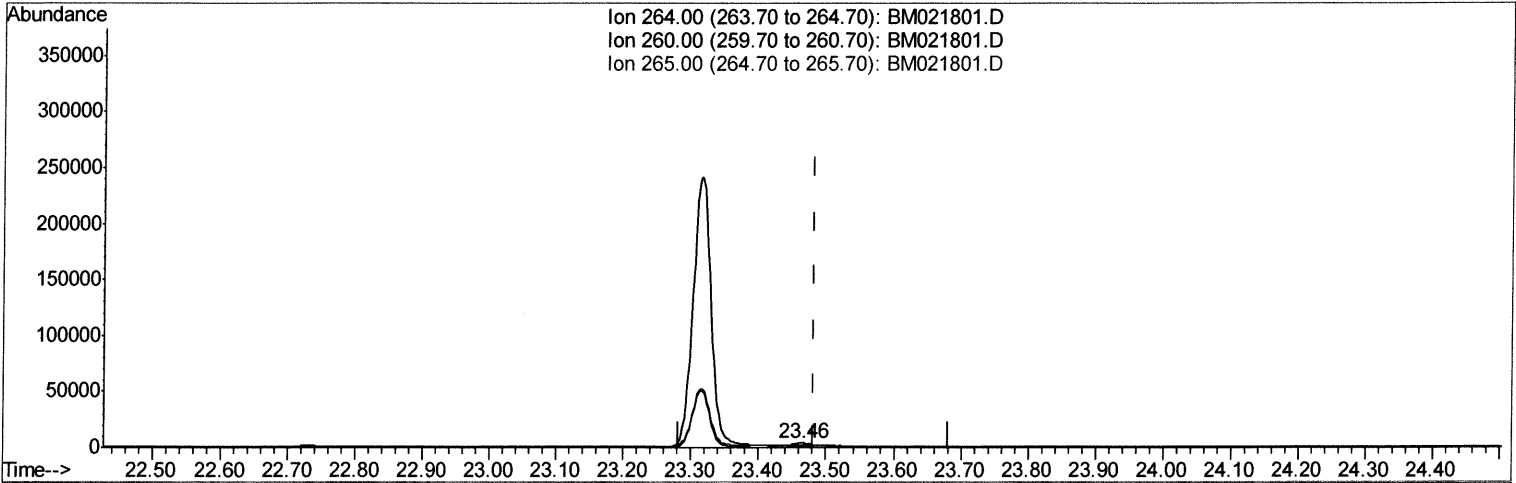
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A52G1

Manual Integrations
APPROVED
 mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 08:57:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration



TIC: BM021801.D

(20) Perylene-d12 (I)

23.464min (-0.017) 0.40ng/ul m *JU 08/05/19*

response 5357

| Ion | Exp% | Act% |
|--------|--------|--------|
| 264.00 | 100 | 100 |
| 260.00 | 27.50 | 25.40 |
| 265.00 | 117.00 | 56.44# |
| 0.00 | 0.00 | 0.00 |

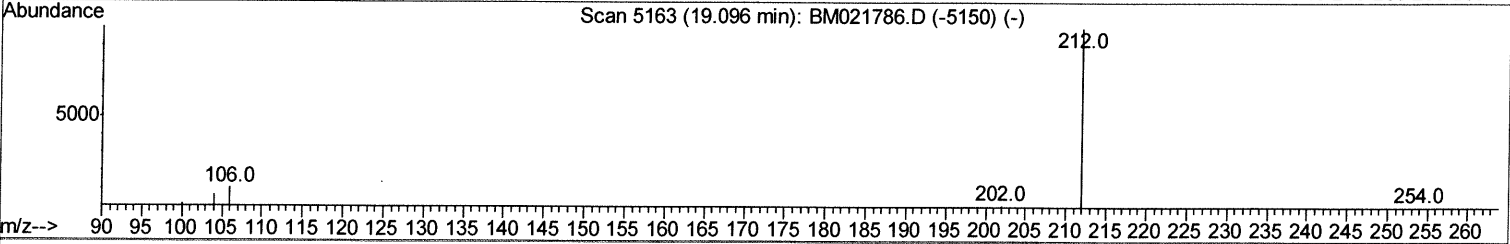
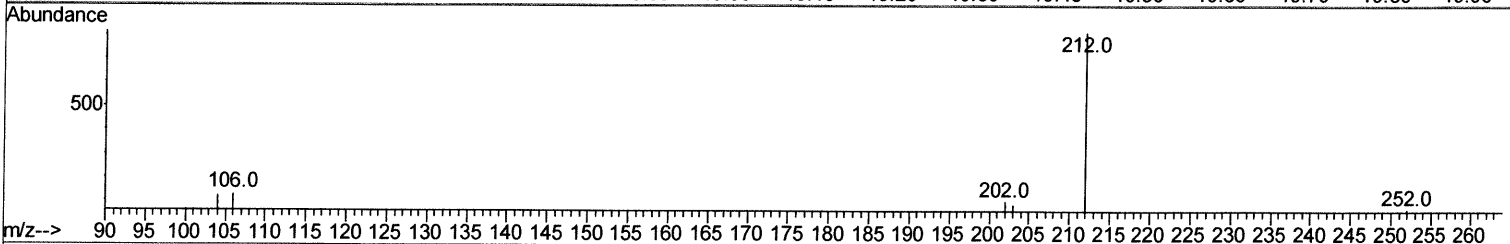
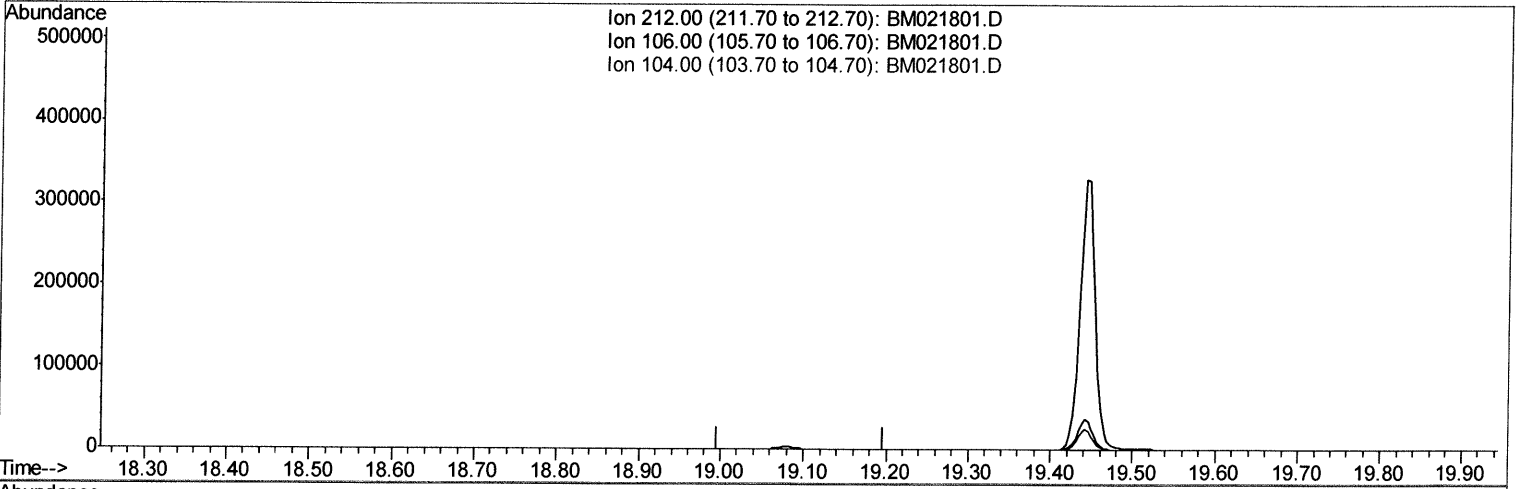
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
Data File : BM021801.D
Acq On : 04 Aug 2019 08:06
Operator : HP/JU
Sample : K3863-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
A52G1

Manual Integrations
APPROVED
mohammad
8/5/2019 10:14:58 PM

Quant Time: Aug 04 09:30:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021801.D

(14) Fluoranthene-d10 (SURR)

19.096min (-19.096) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|--------|------|-------|
| 212.00 | 100 | 0.00 |
| 106.00 | 9.90 | 0.00# |
| 104.00 | 6.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

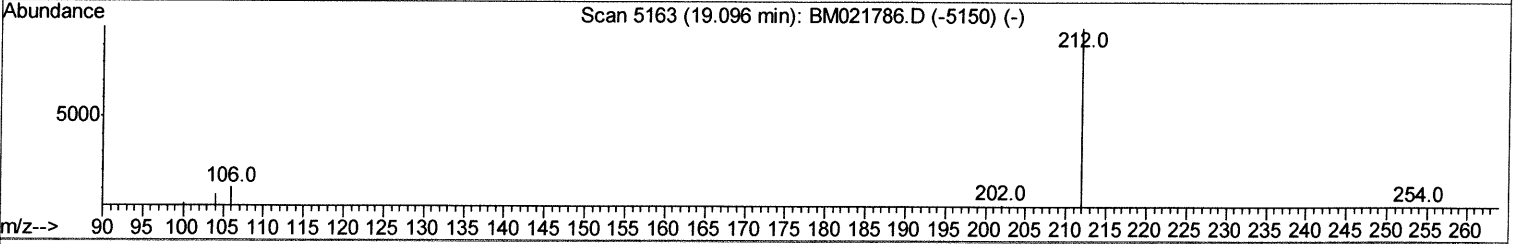
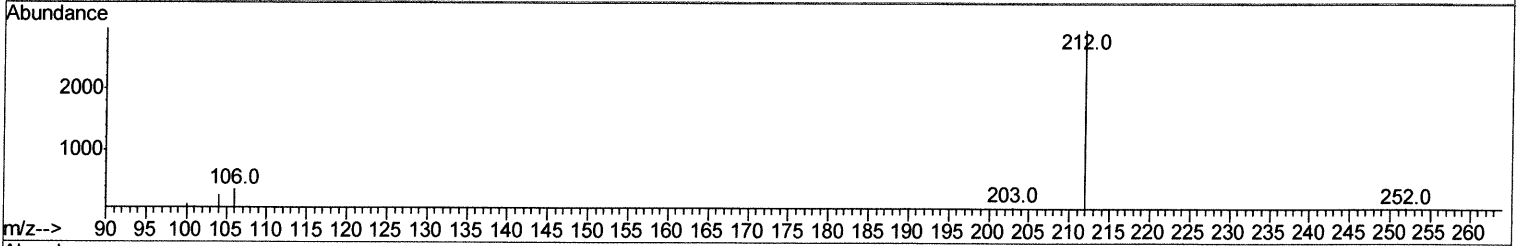
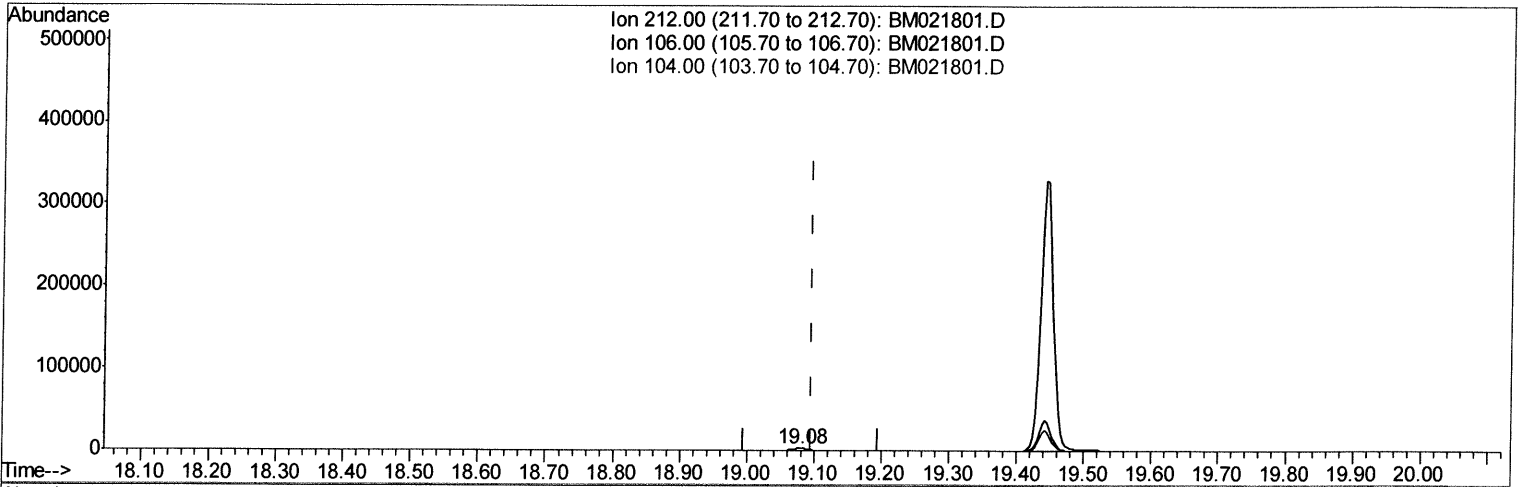
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52G1

Manual Integrations
APPROVED
 mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 09:30:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration



TIC: BM021801.D

(14) Fluoranthene-d10 (SURR)

19.080min (-0.017) 0.22ng/ul m *JU 08/05/19*

response 4299

| Ion | Exp% | Act% |
|--------|------|-------|
| 212.00 | 100 | 100 |
| 106.00 | 9.90 | 0.00# |
| 104.00 | 6.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021801.D
 Acq On : 04 Aug 2019 08:06
 Operator : HP/JU
 Sample : K3863-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A52G1

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:14:58 PM

Quant Time: Aug 04 09:31:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 1078 | 0.40 | ng/ul | -0.01 |
| 2) Naphthalene-d8 | 10.41 | 136 | 4223 | 0.40 | ng/ul | -0.03 |
| 6) Acenaphthene-d10 | 14.29 | 164 | 2394 | 0.40 | ng/ul | -0.02 |
| 10) Phenanthrene-d10 | 17.04 | 188 | 5788m> | 0.40 | ng/ul | -0.03 |
| 16) Chrysene-d12 | 21.25 | 240 | 5601m> | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.46 | 264 | 5357m> | 0.40 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.04 | 152 | 1487 | 0.21 | ng/ul | -0.02 |
| 14) Fluoranthene-d10 | 19.08 | 212 | 4299m> | 0.22 | ng/ul | -0.02 |

JU
 08/05/19

JU
 08/05/19

Target Compounds Ovalue

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