

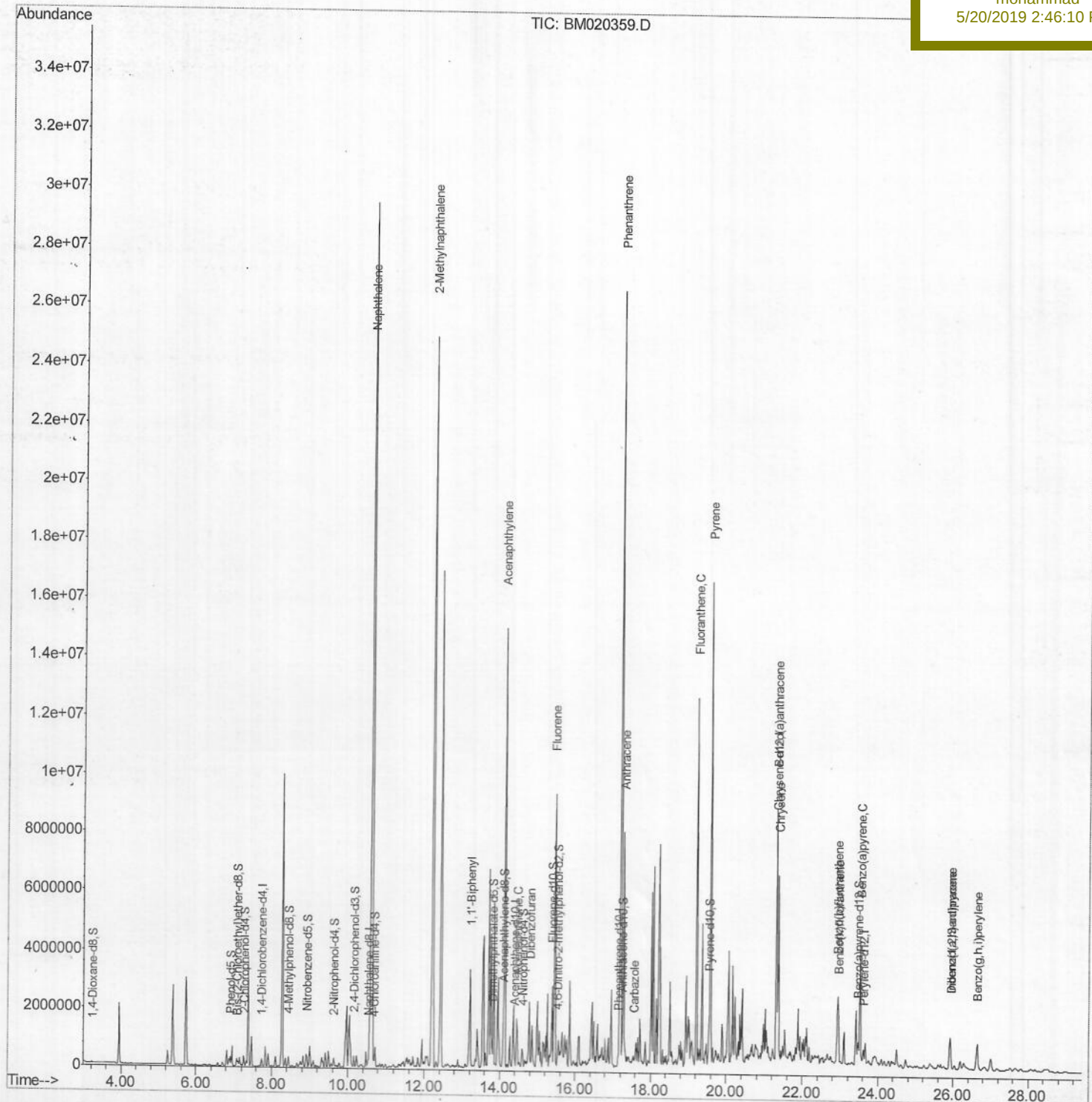
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 20 07:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
GAJ91ME

Manual Integrations
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Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

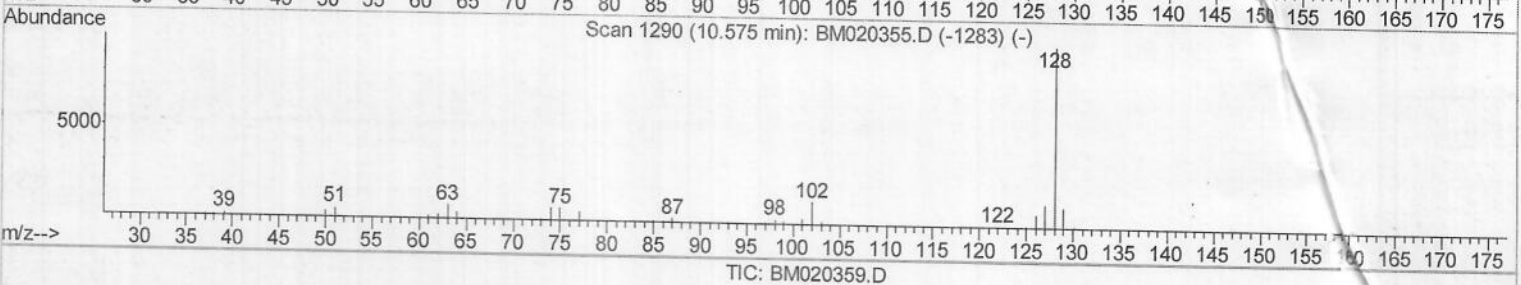
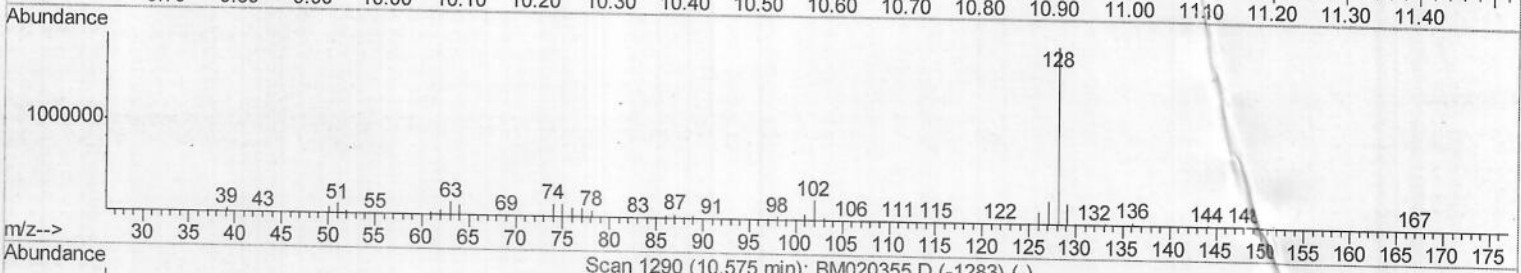
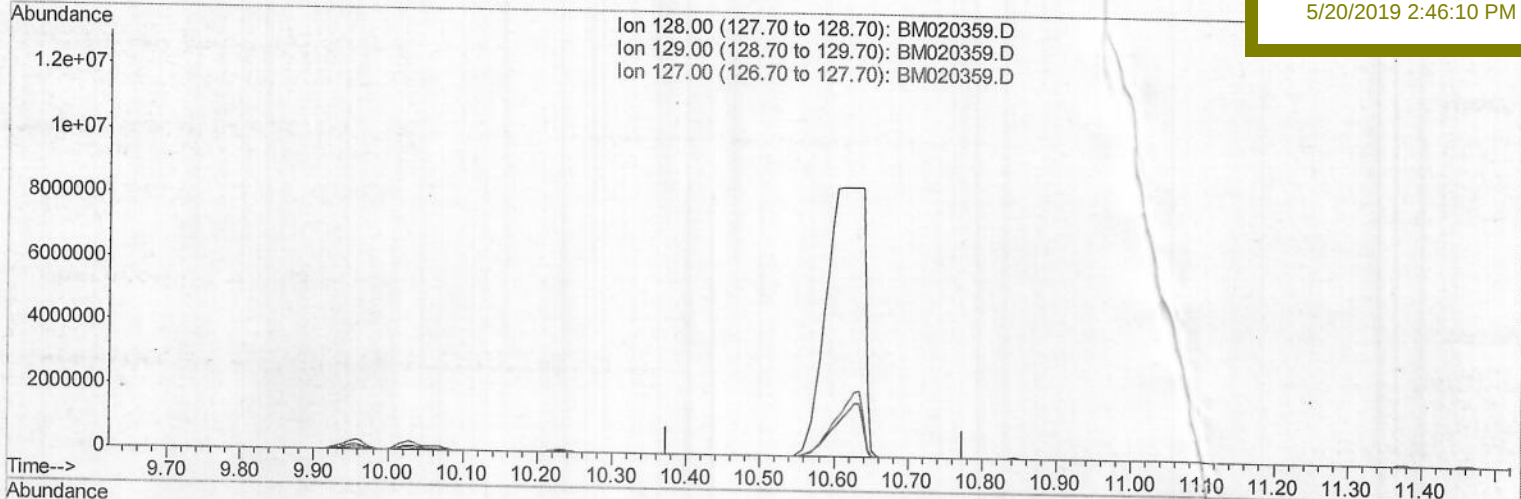
GAJ91ME

Manual Integrations

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(28) Naphthalene

10.575min (-10.575) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.80	0.00#
127.00	13.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

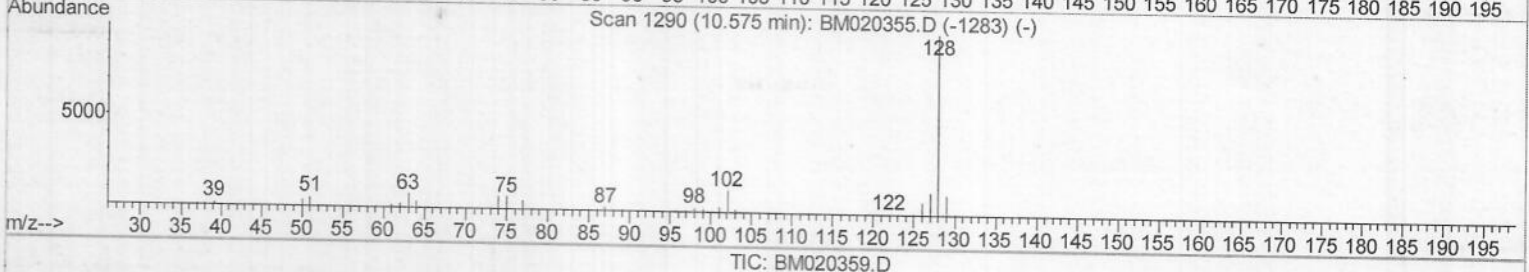
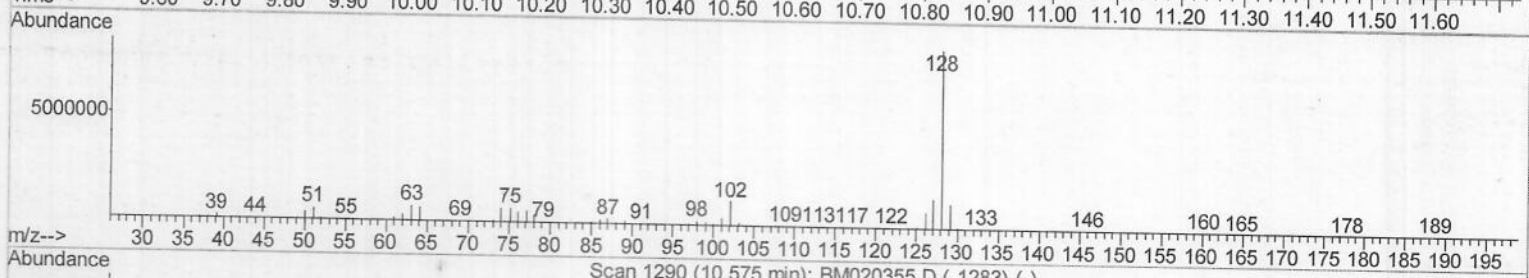
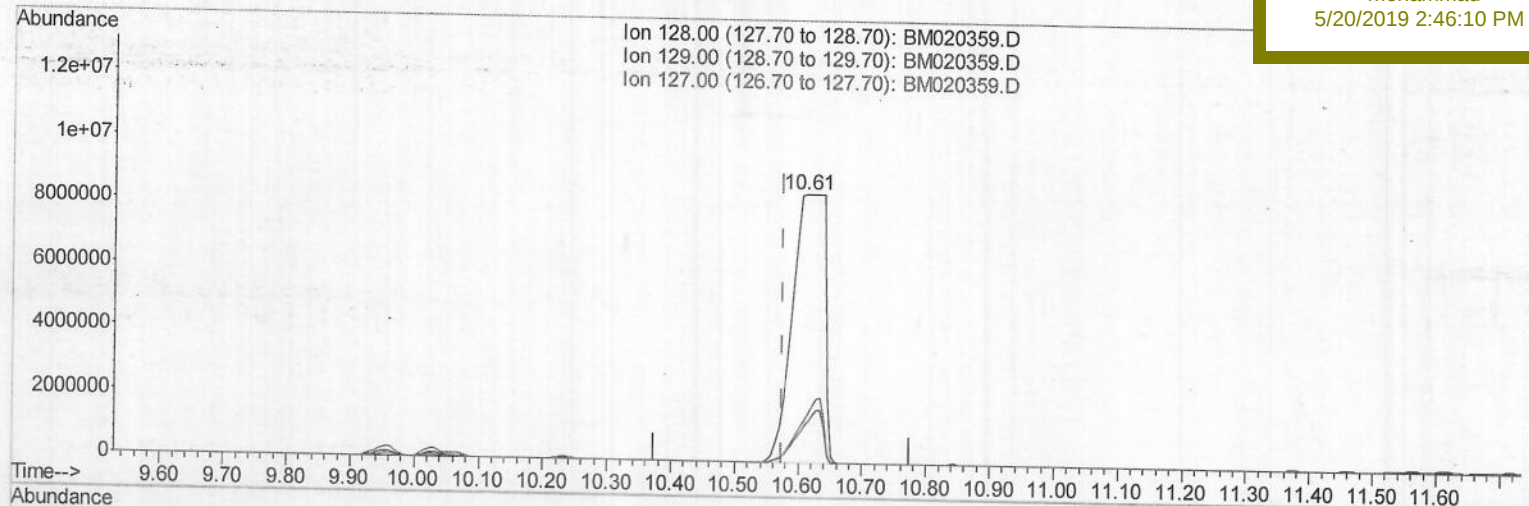
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 GAJ91ME

Manual Integrations
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(28) Naphthalene

10.610min (+0.035) 2466.58ng/ul m JU05/21/19

response 30055595

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	14.04#
127.00	13.20	16.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

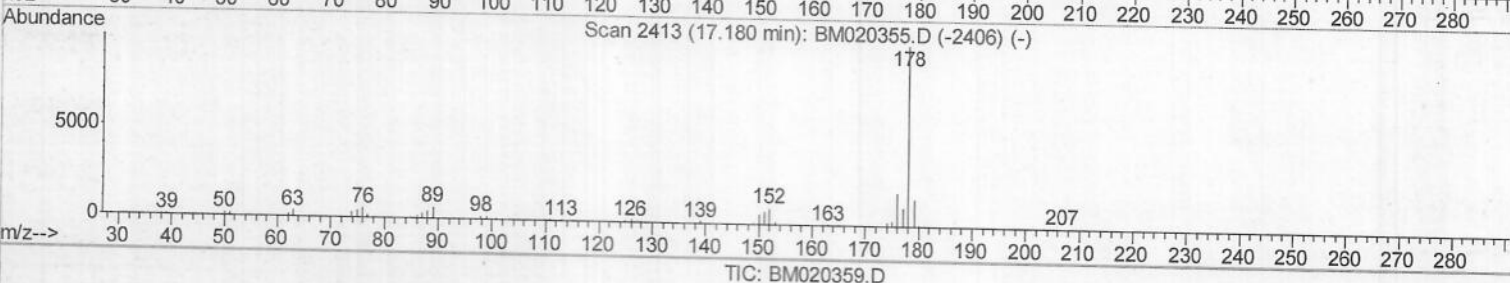
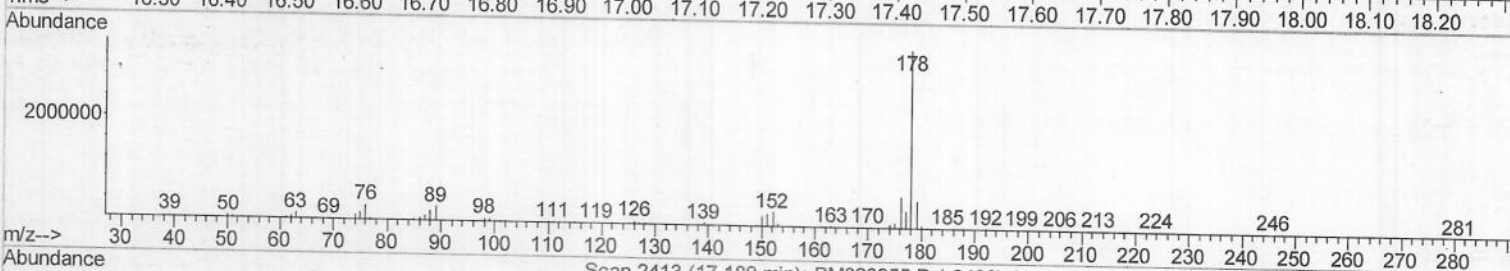
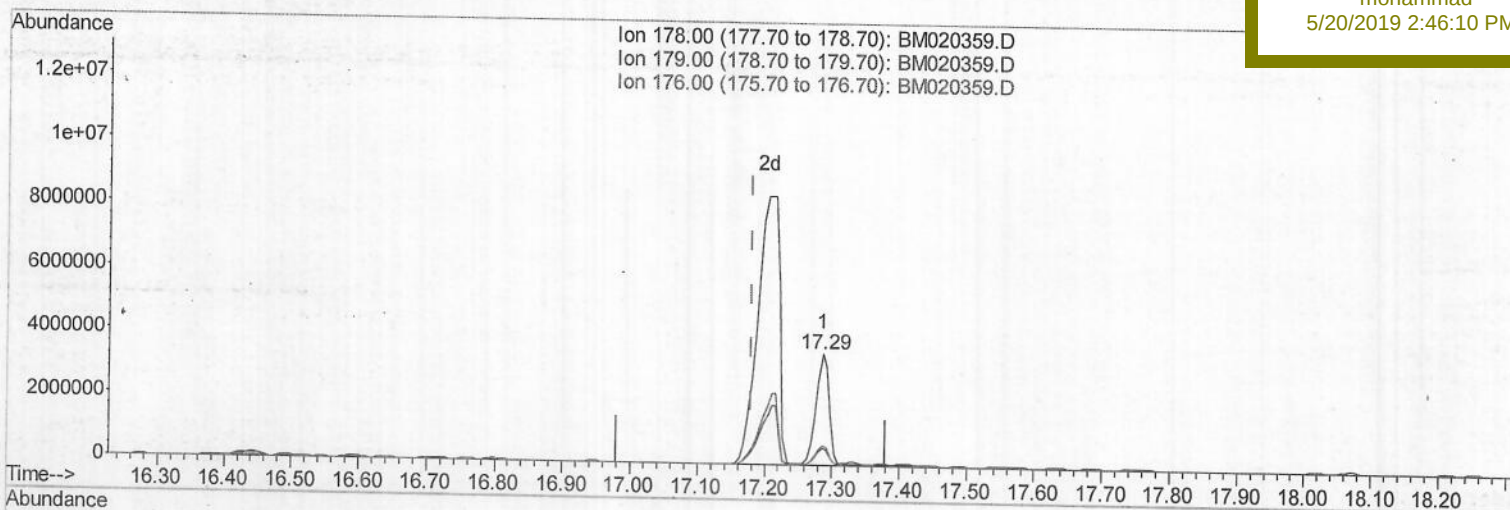
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Manual Integrations

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TIC: BM020359.D

(69) Phenanthrene

17.286min (+0.106) 295.41ng/ul

response 4603770

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	15.66
176.00	18.30	17.96
0.00	0.00	0.00

Quantitation Report (Qedit)

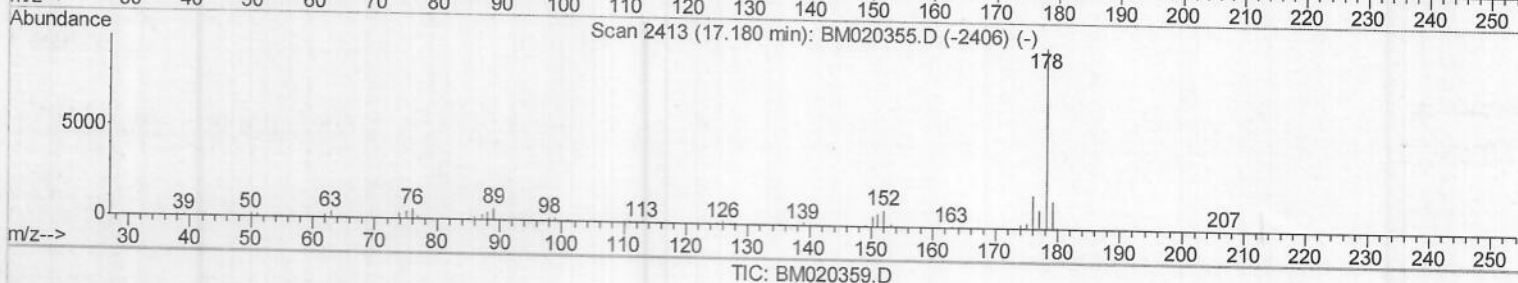
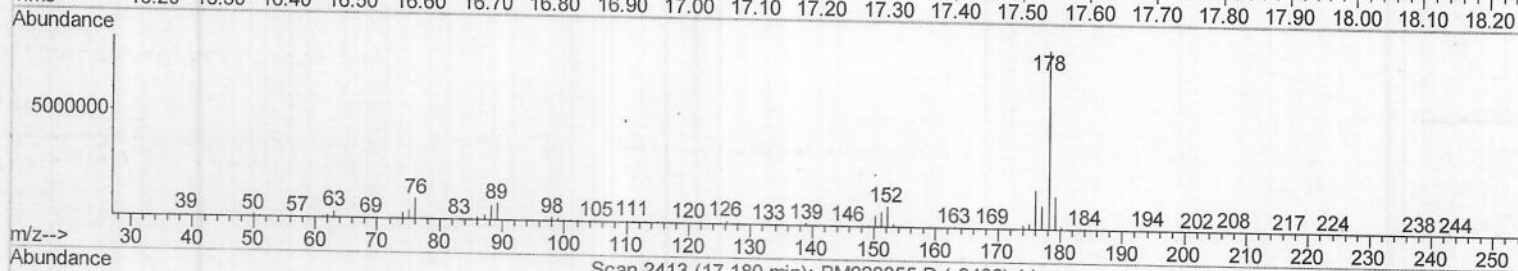
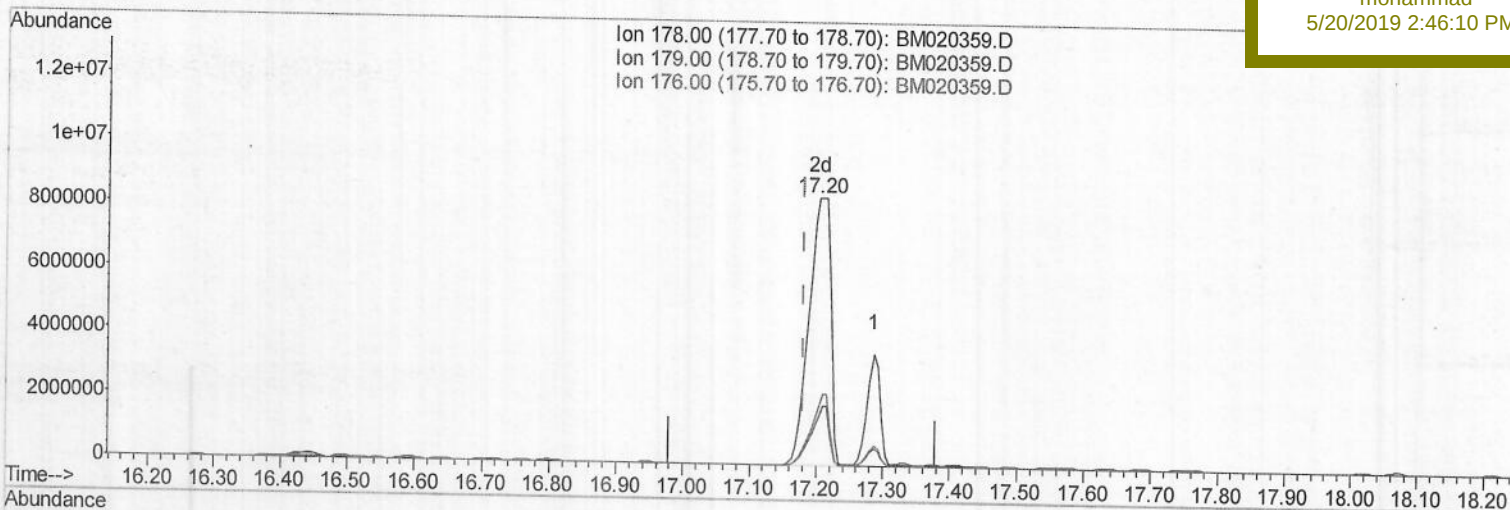
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91ME

Manual Integrations
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(69) Phenanthrene

17.204min (+0.024) 1229.73ng/ul m *JU 05/21/19*

response 19164273

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	18.22#
176.00	18.30	21.61
0.00	0.00	0.00

Quantitation Report (Qedit)

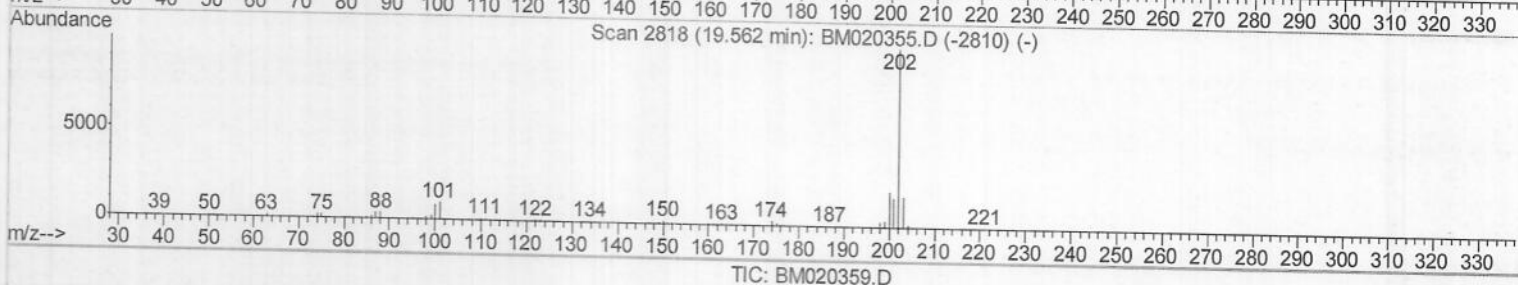
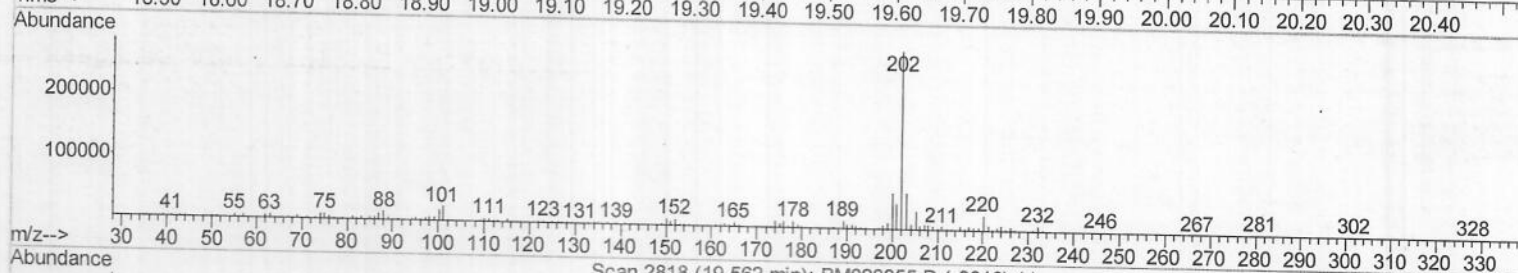
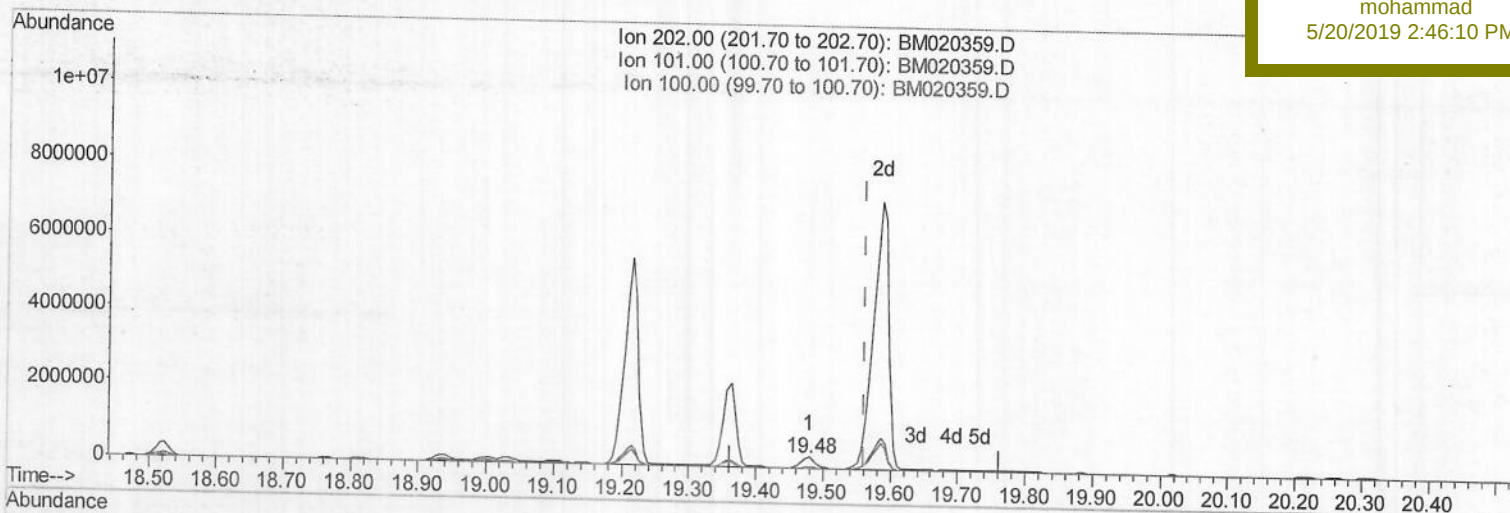
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 GAJ91ME

Manual Integrations
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(79) Pyrene

19.480min (-0.082) 19.73ng/ul

response 401013

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	8.12
100.00	7.40	6.05
0.00	0.00	0.00

TIC: BM020359.D

Quantitation Report (Qedit)

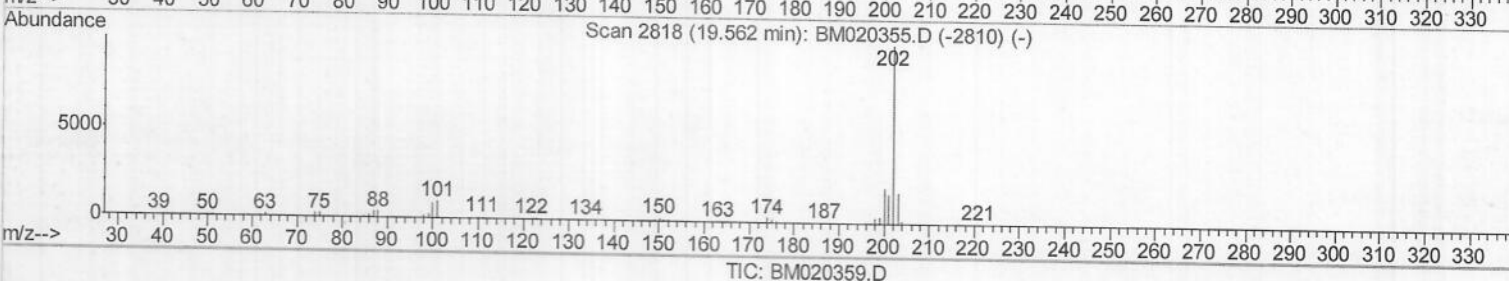
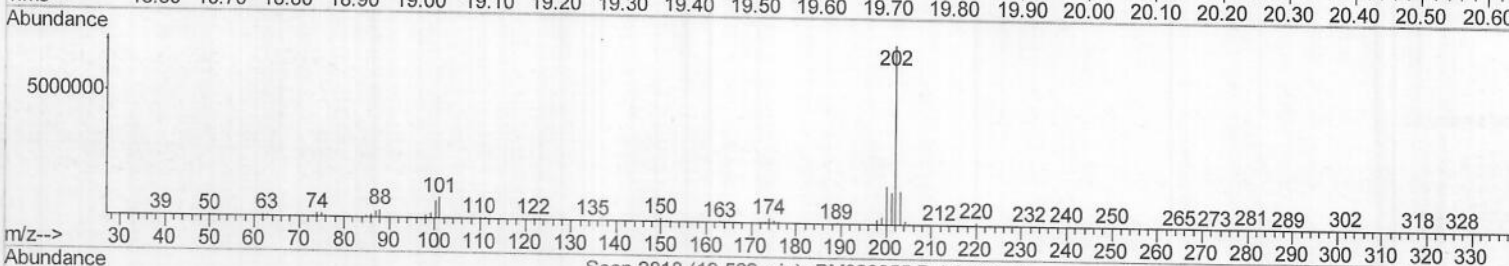
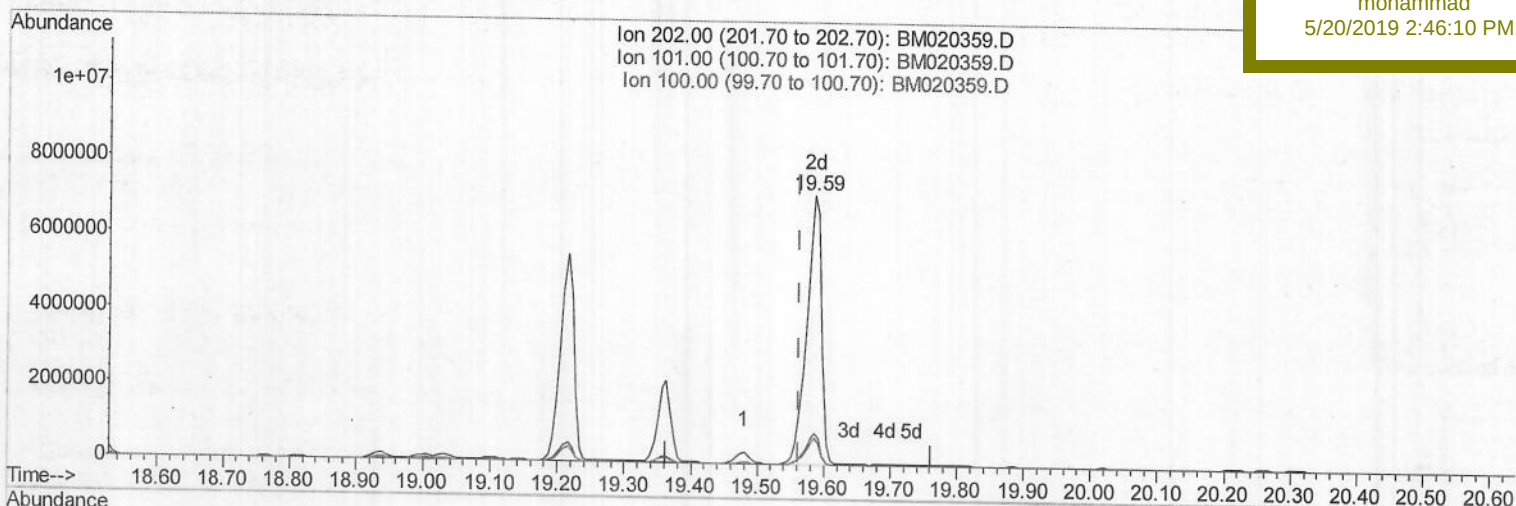
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast.Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 GAJ91ME

Manual Integrations
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TIC: BM020359.D

(79) Pyrene

19.586min (+0.024) 552.89ng/ul m SJU05/21/19

response 11239161

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	11.54#
100.00	7.40	9.66#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

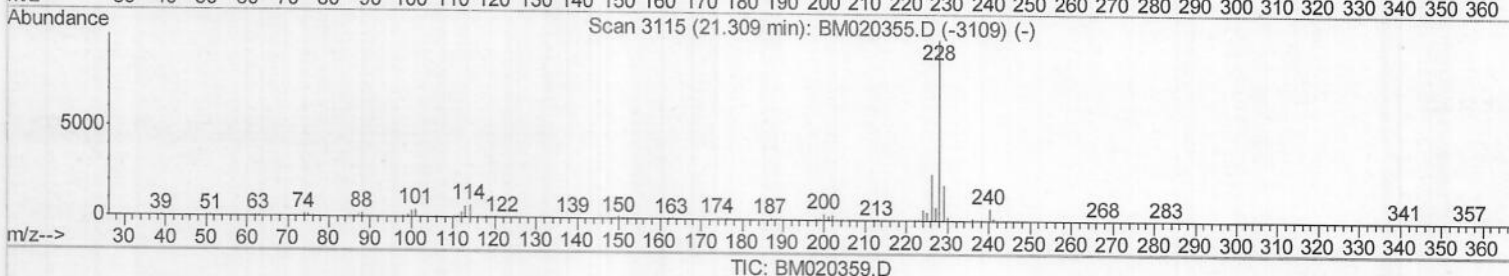
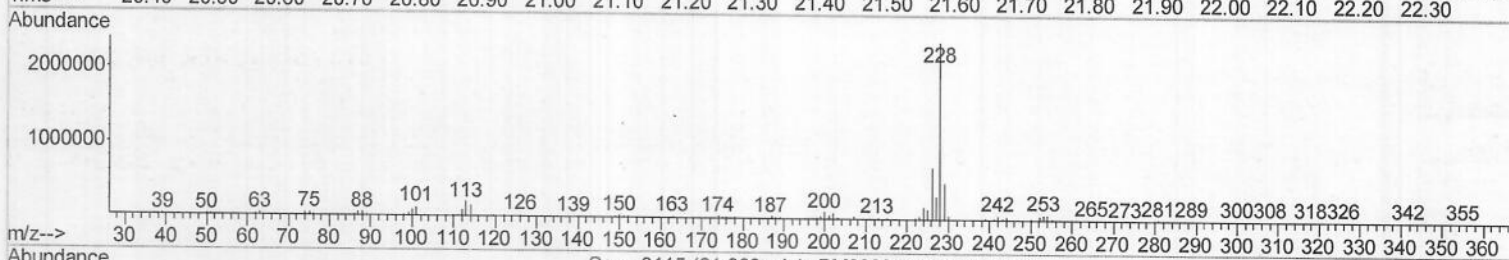
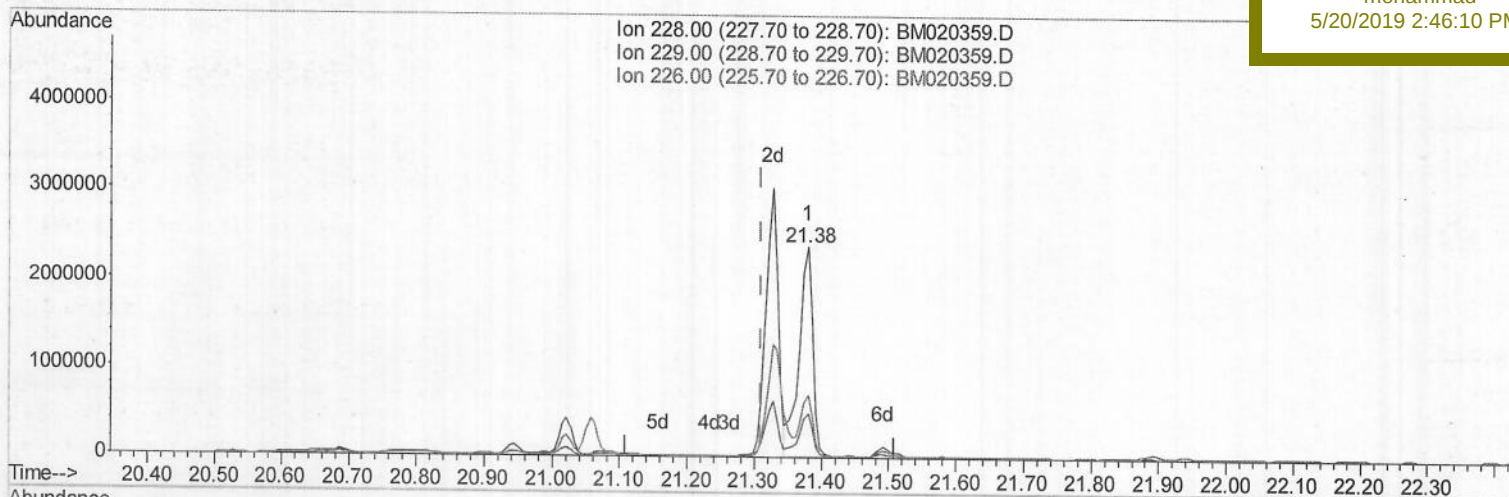
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(82) Benzo(a)anthracene

21.380min (+0.071) 162.67ng/ul

response 3315989

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.82
226.00	25.70	29.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

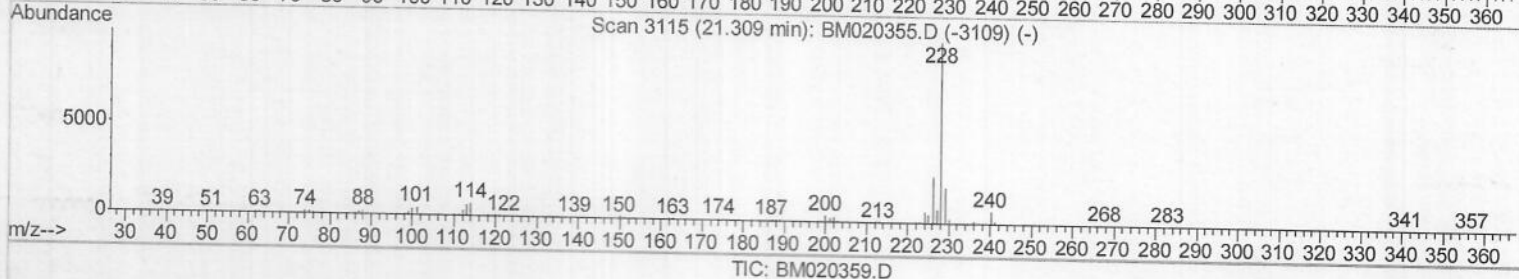
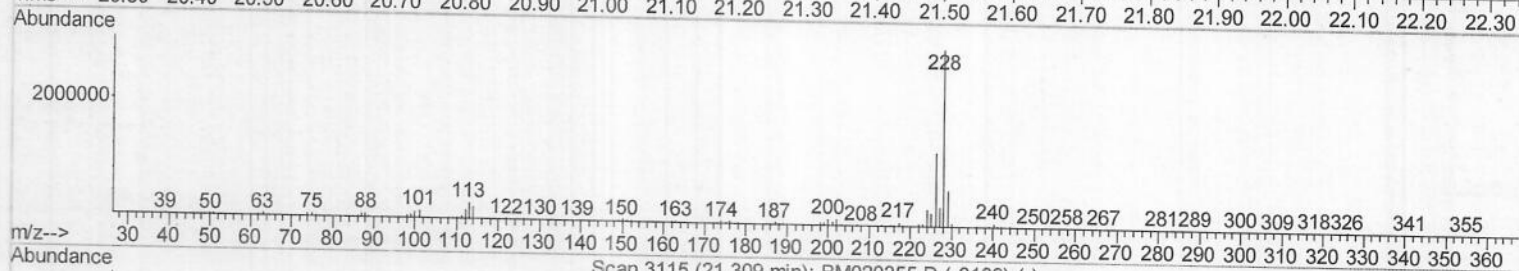
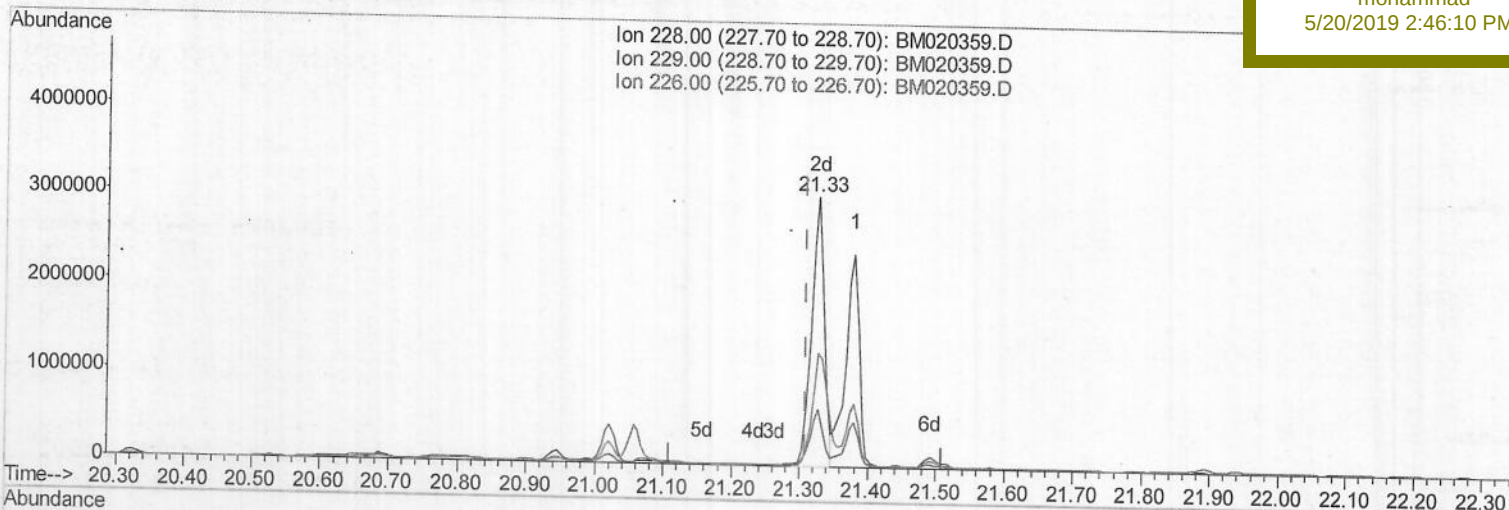
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Manual Integrations

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(82) Benzo(a)anthracene

21.327min (+0.018) 193.73ng/ul m

JU05/21/19

response 3948977

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.83
226.00	25.70	41.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

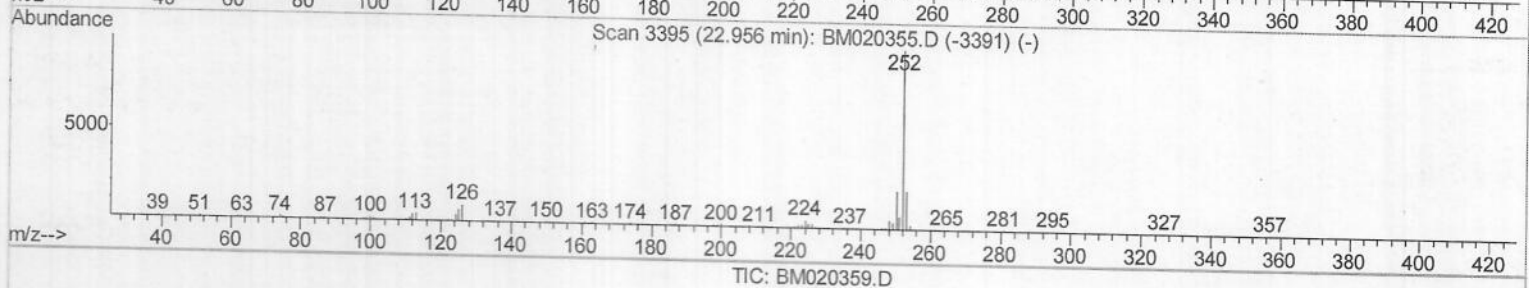
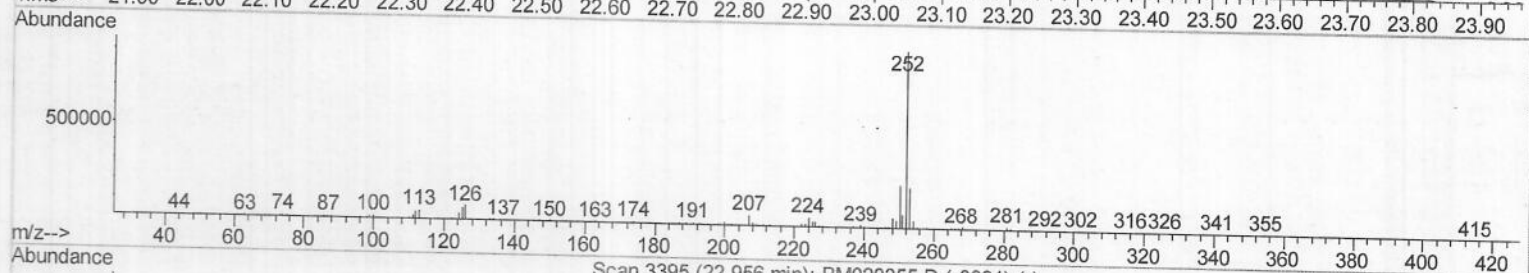
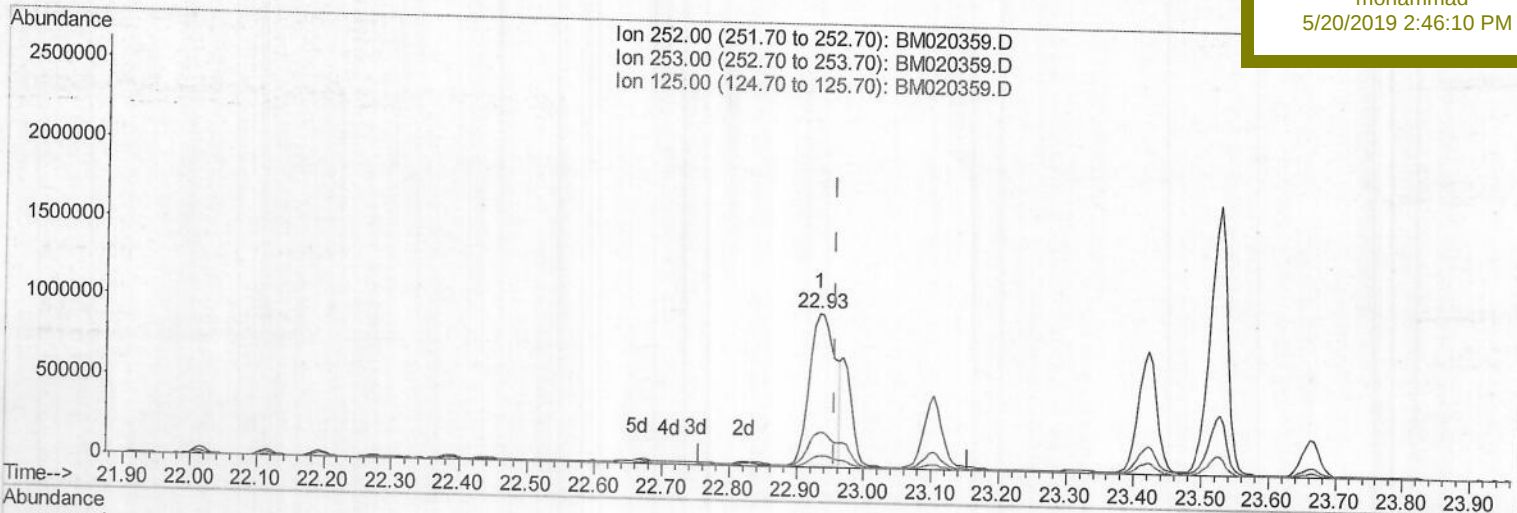
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Manual Integrations

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(88) Benzo(k)fluoranthene

22.933min (-0.023) 73.88ng/ul

response 2535259

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.88
125.00	6.30	7.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

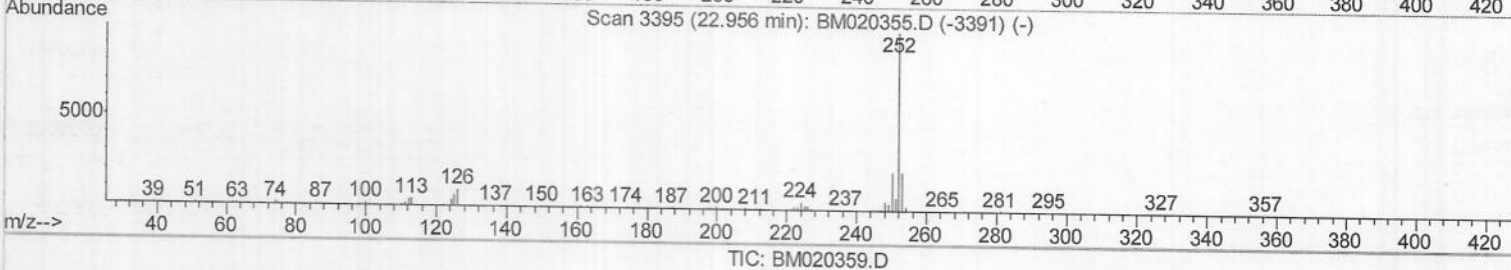
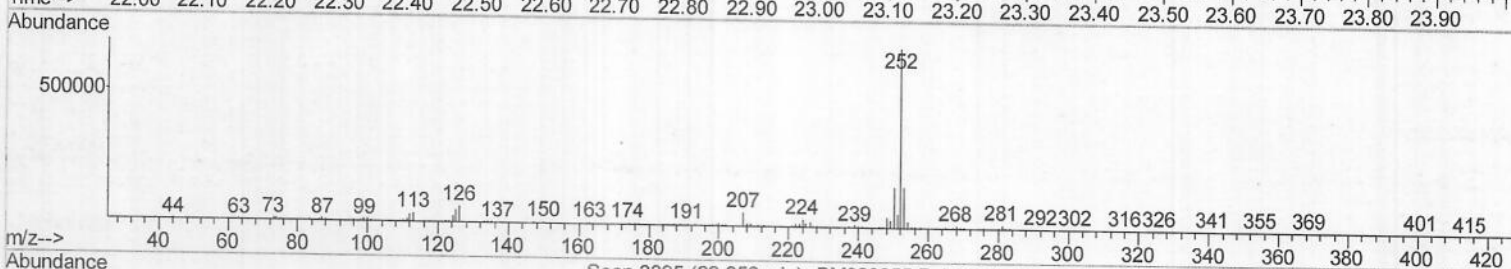
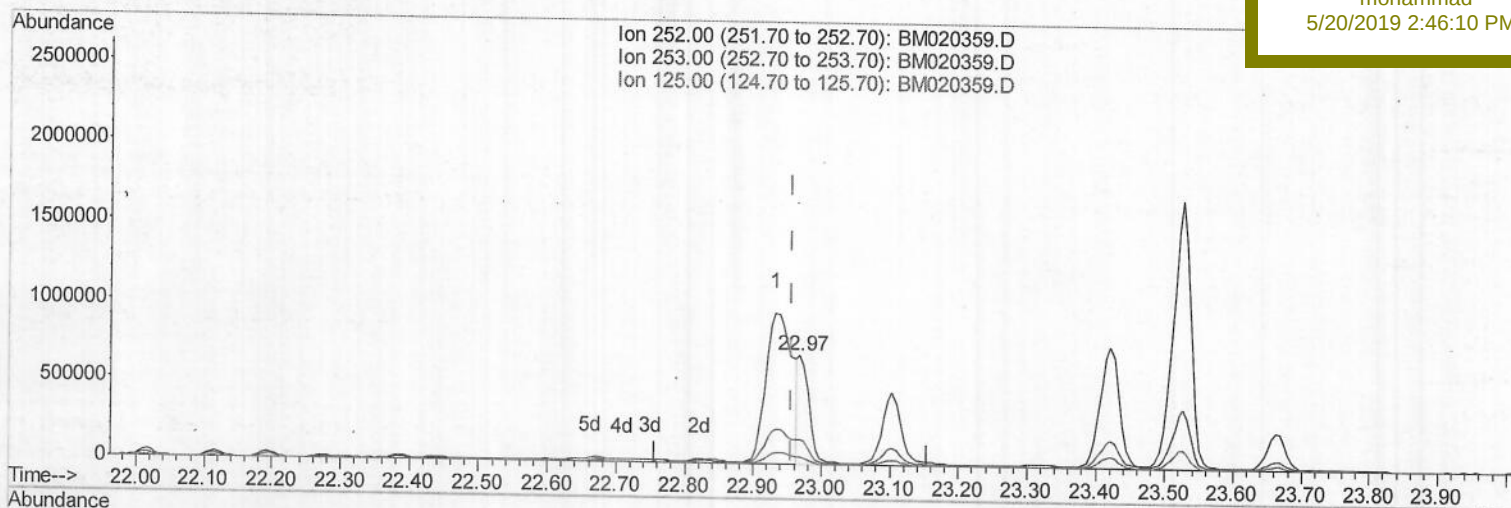
Response via : Initial Calibration

Instrument :

BNA_M

Client Sample ID :

GAJ91ME

Manual Integrations
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(88) Benzo(k)fluoranthene

22.968min (+0.012) 22.36ng/ul m)

response 767209

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.70
125.00	6.30	6.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

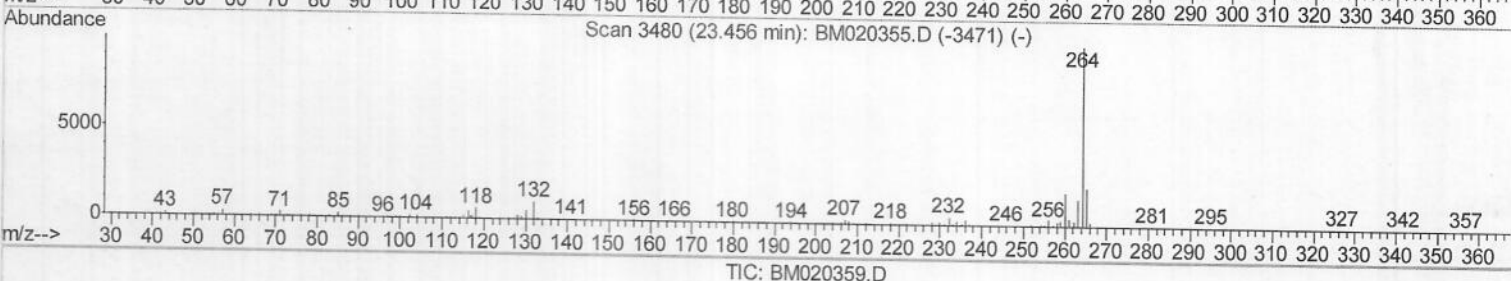
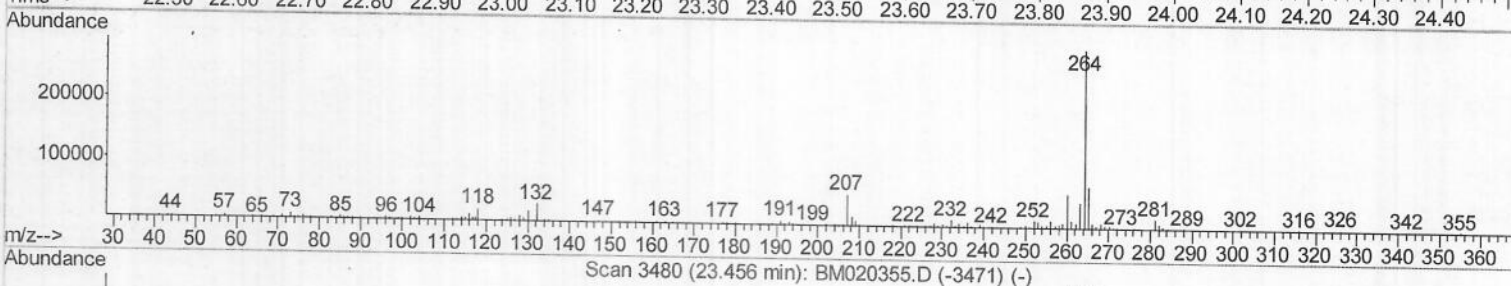
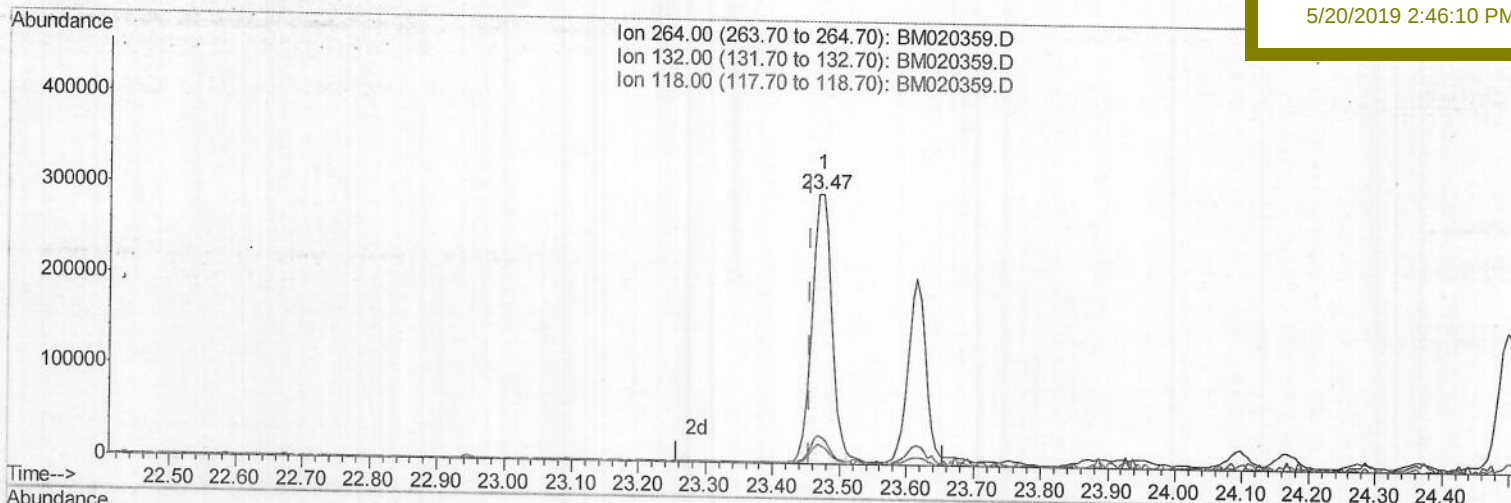
GAJ91ME

Manual Integrations

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(89) Benzo(a)pyrene-d12 (S)

23.474min (+0.018) 21.66ng/ul

response 602527

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	9.57
118.00	6.70	6.54
0.00	0.00	0.00

Quantitation Report (Qedit)

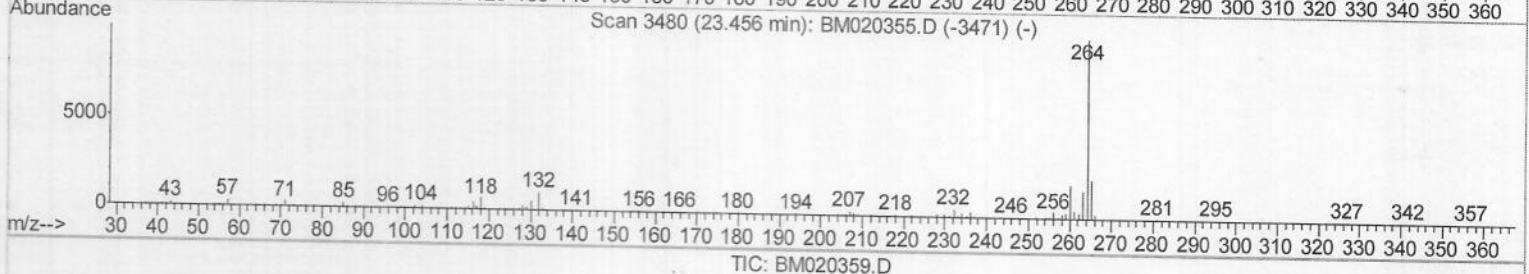
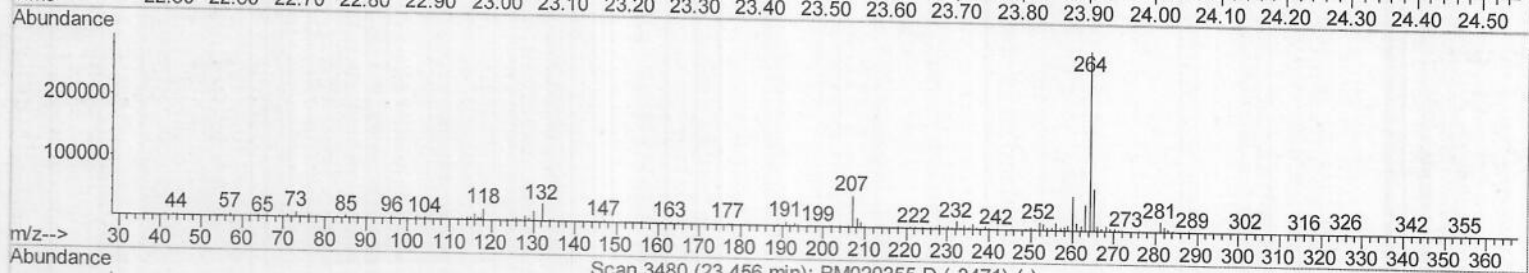
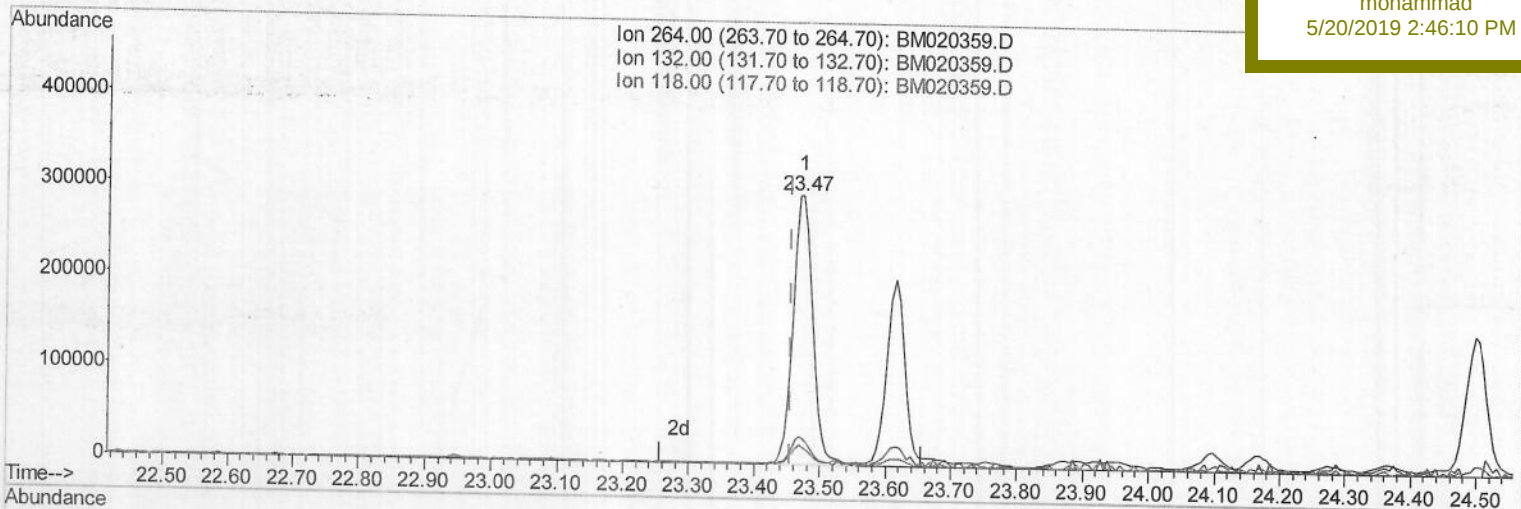
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 GAJ91ME

Manual Integrations
 APPROVED

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 5/20/2019 2:46:10 PM



(89) Benzo(a)pyrene-d12.(S)

23.474min (+0.018) 22.36ng/ul m

JU05/21/19

response 622050

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	9.57
118.00	6.70	6.54
0.00	0.00	0.00

Quantitation Report (Qedit)

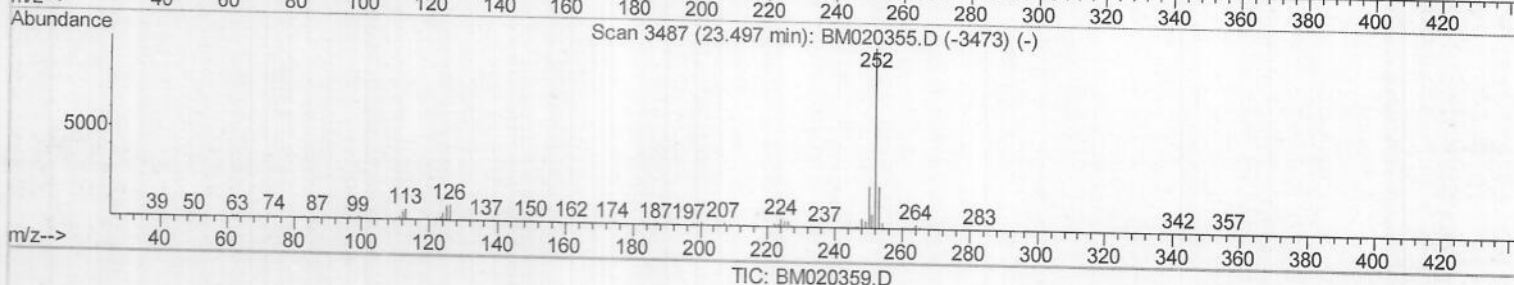
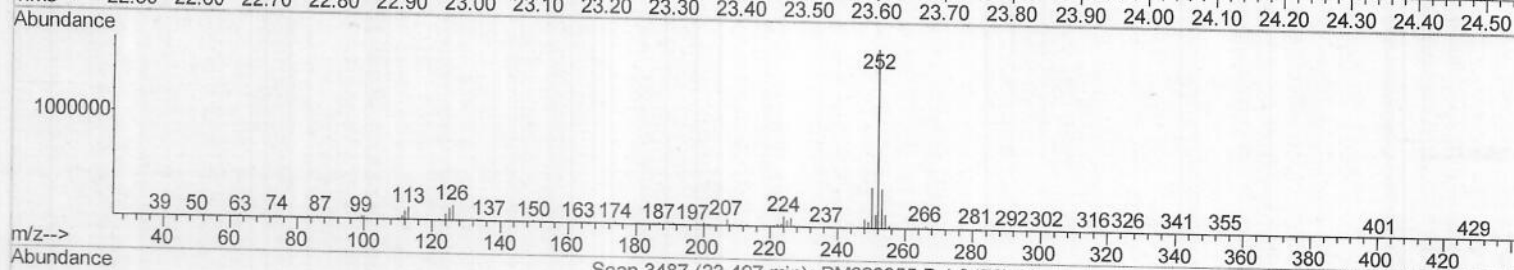
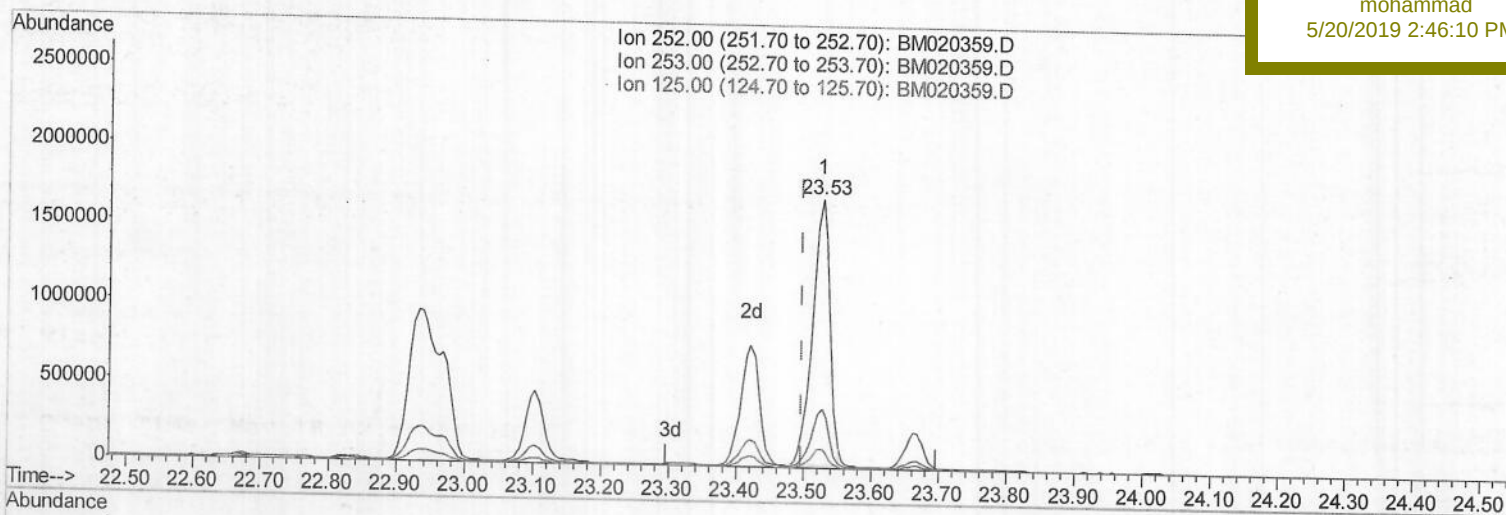
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 GAJ91ME

Manual Integrations
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mohammad
 5/20/2019 2:46:10 PM



(90) Benzo(a)pyrene (C)
 23.527min (+0.029) 90.58ng/ul
 response 2977969

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.01
125.00	6.80	6.83
0.00	0.00	0.00

TIC: BM020359.D

Quantitation Report (Qedit)

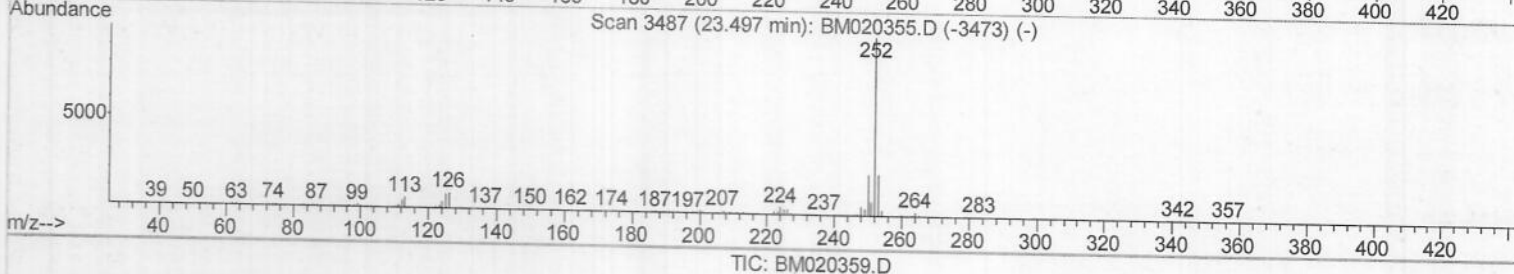
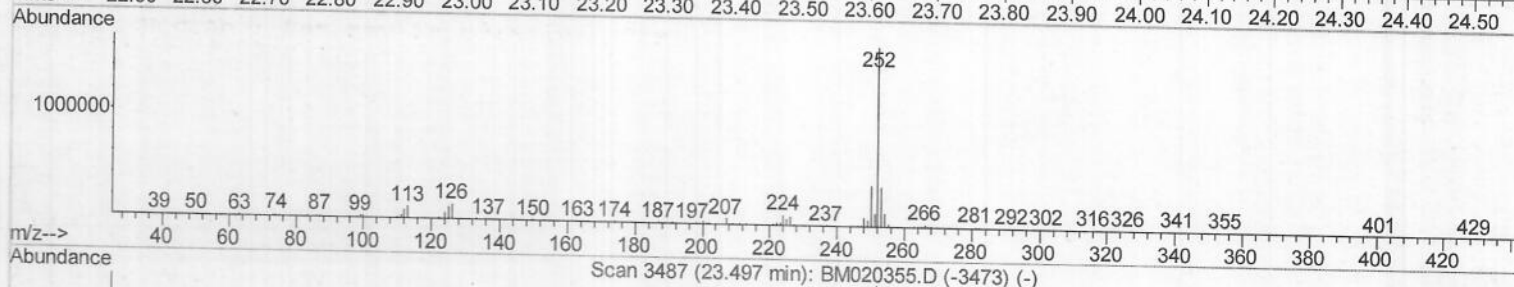
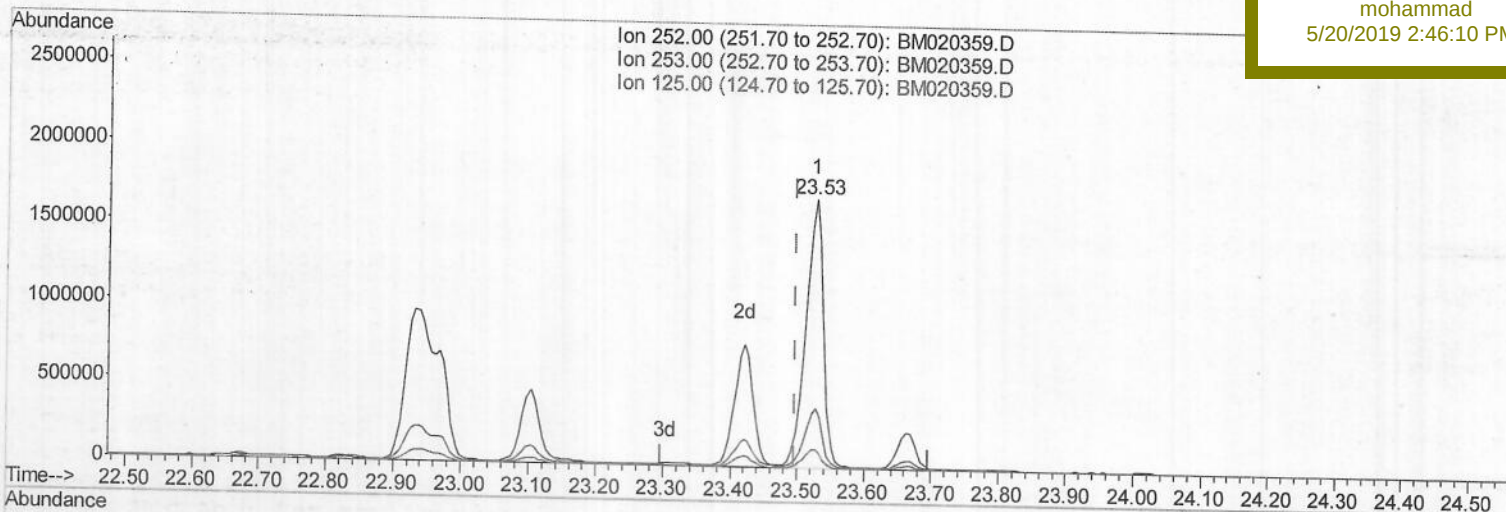
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91ME

Manual Integrations
 APPROVED

mohammad
 5/20/2019 2:46:10 PM



(90) Benzo(a)pyrene (C)

23.527min (+0.029) 93.16ng/ul m

response 3062967

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.01
125.00	6.80	6.83
0.00	0.00	0.00

JU05/21/19

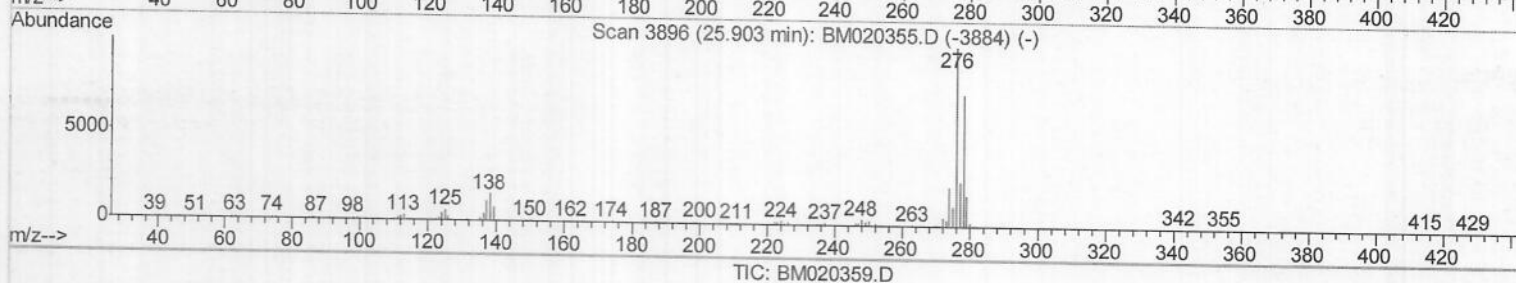
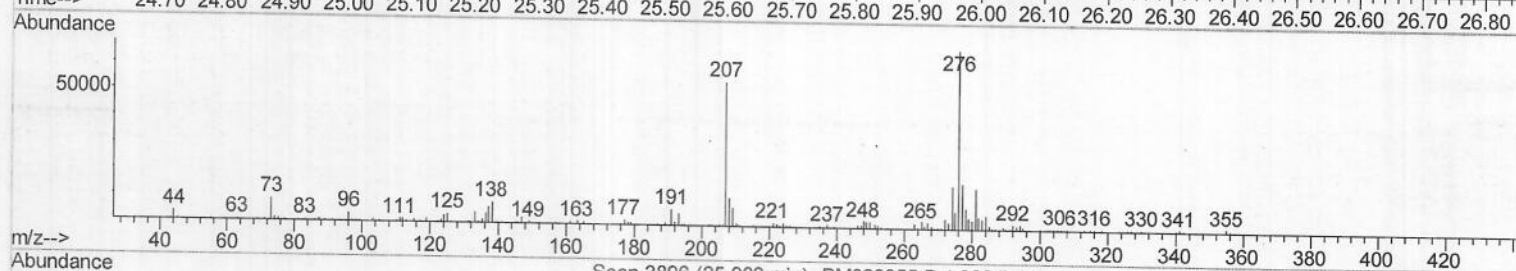
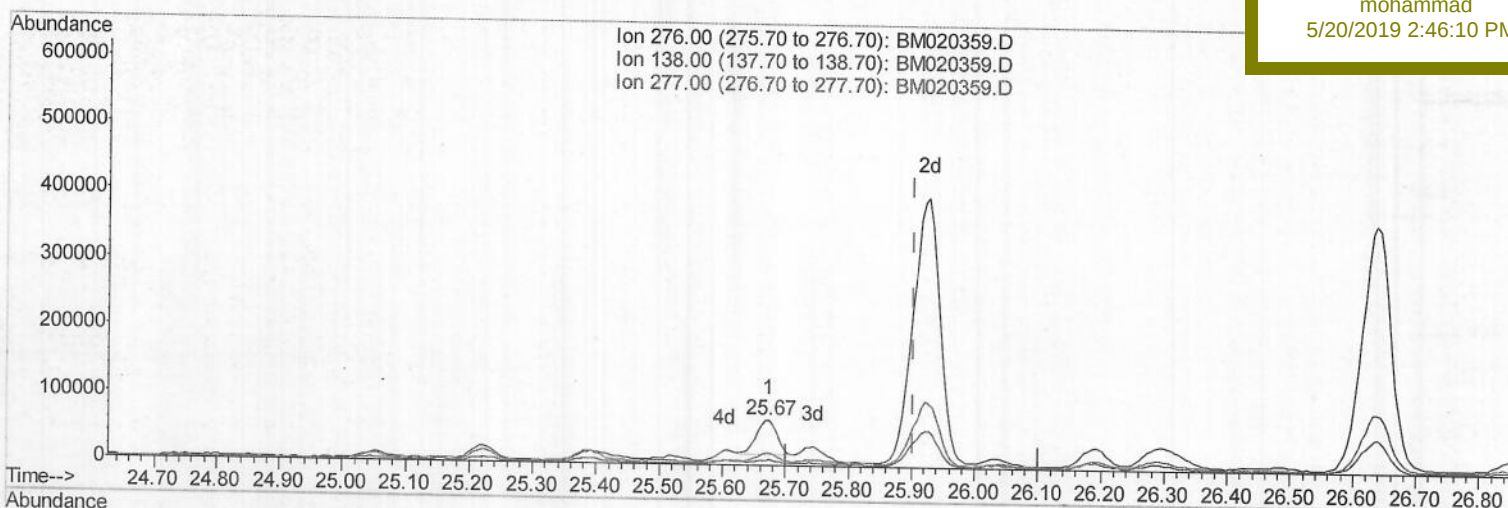
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
GAJ91ME

Manual Integrations
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mohammad
5/20/2019 2:46:10 PM



(91) Indeno(1,2,3-cd)pyrene

25.674min (-0.229) 3.23ng/ul

response 120924

Ion	Exp%	Act%
276.00	100	100
138.00	15.40	12.35
277.00	25.00	25.66
0.00	0.00	0.00

Quantitation Report (Qedit)

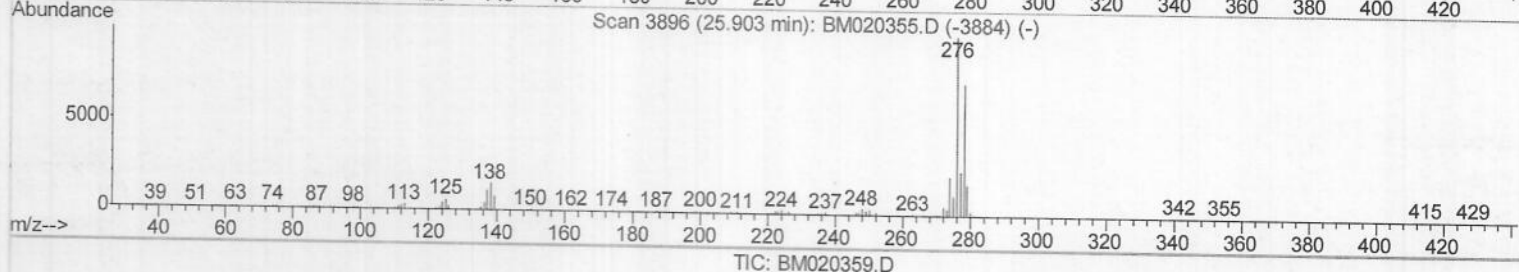
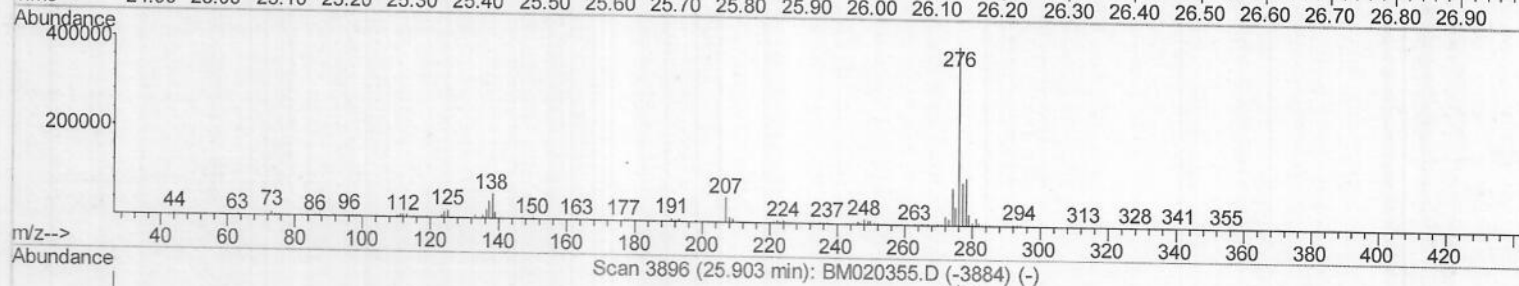
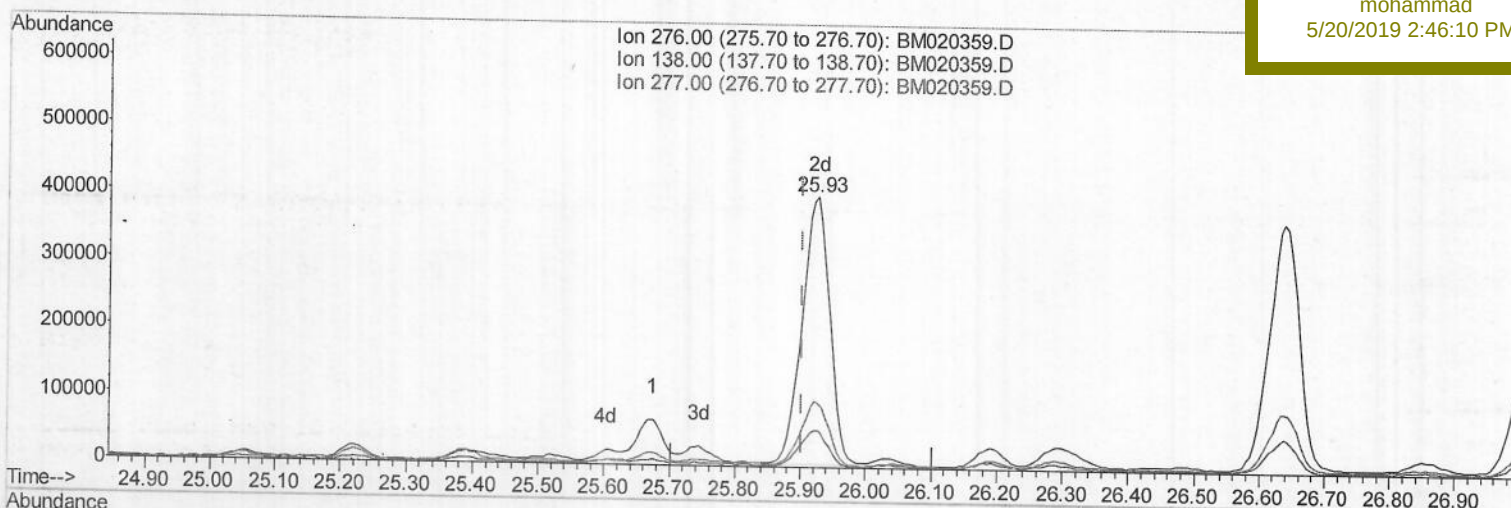
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91ME

Manual Integrations
 APPROVED

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 5/20/2019 2:46:10 PM



(91) Indeno(1,2,3-cd)pyrene

25.927min (+0.024) 31.26ng/ul m

response 1171106

Ion	Exp%	Act%
276.00	100	100
138.00	15.40	13.70
277.00	25.00	23.69
0.00	0.00	0.00

JU05/21/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

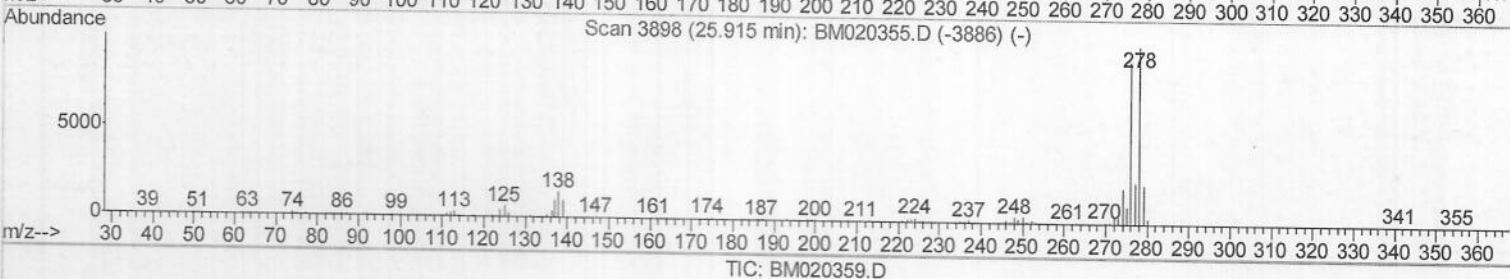
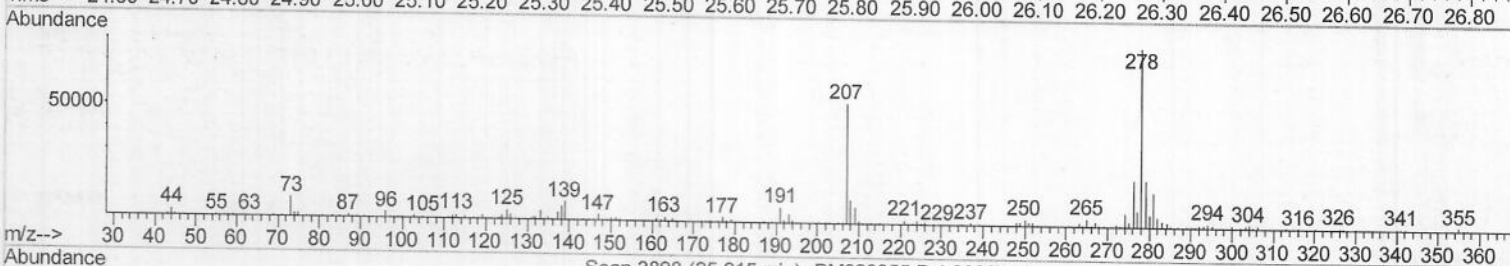
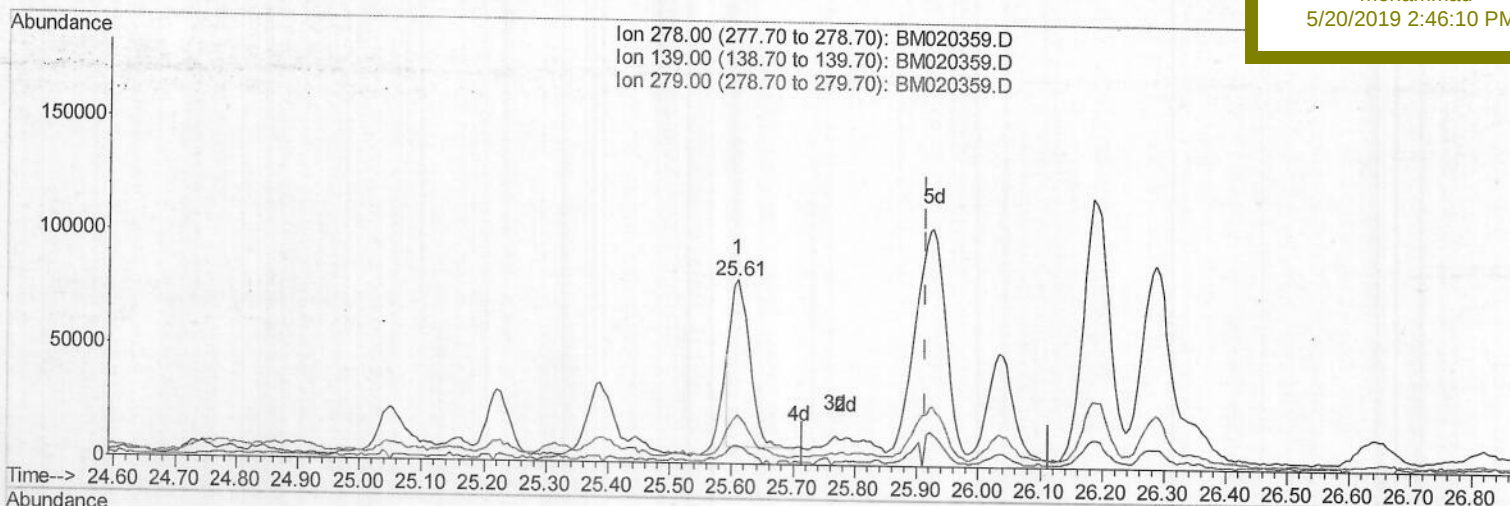
GAJ91ME

Manual Integrations

APPROVED

mohammad

5/20/2019 2:46:10 PM



(92) Dibenzo(a,h)anthracene

25.609min (-0.306) 4.79ng/ul

response 153315

Ion Exp% Act%

278.00 100 100

139.00 10.10 10.35

279.00 23.40 26.66

0.00 0.00 0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

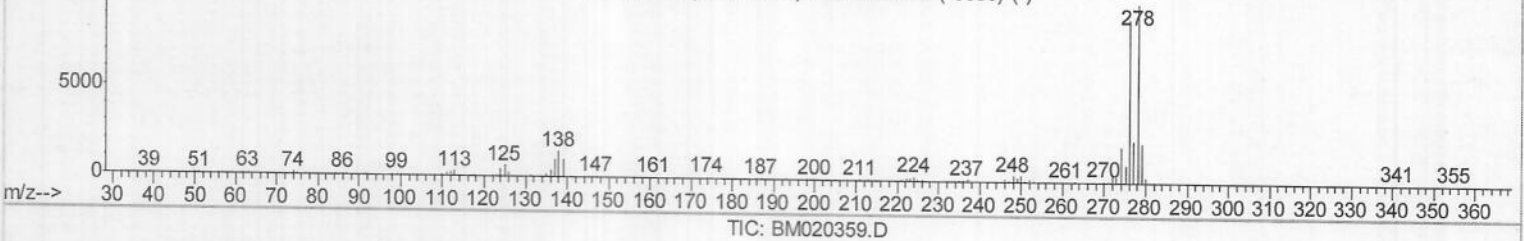
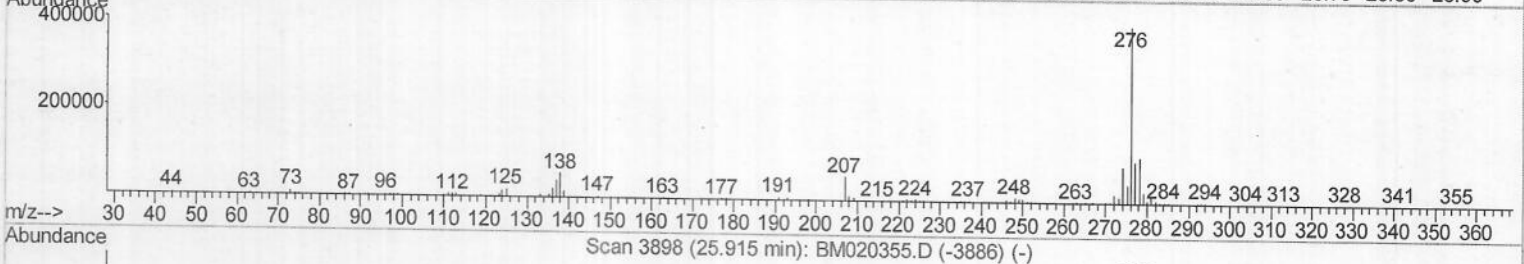
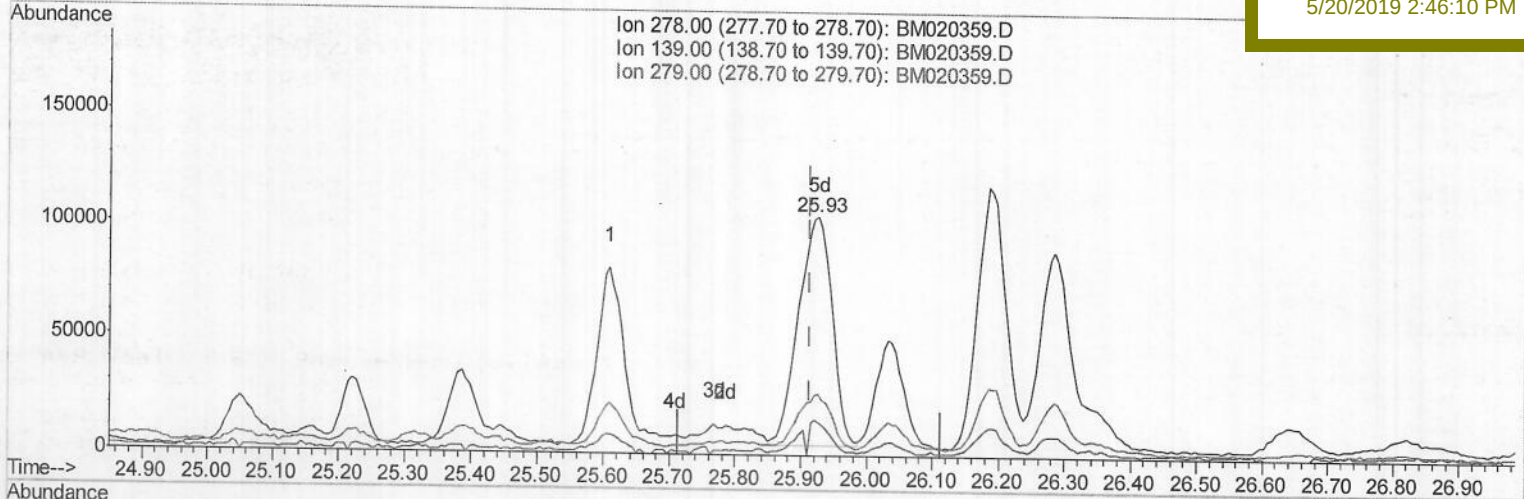
GAJ91ME

Manual Integrations

APPROVED

mohammad

5/20/2019 2:46:10 PM



(92) Dibenzo(a,h)anthracene

25.927min (+0.012) 10.95ng/ul m

response 350669

Ion Exp% Act%

278.00 100 100

139.00 10.10 13.61#

279.00 23.40 25.15

0.00 0.00 0.00

5005/21/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

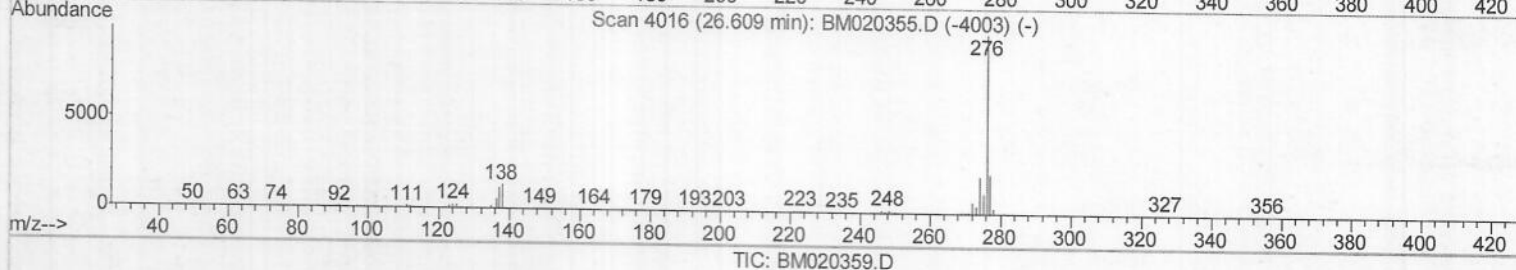
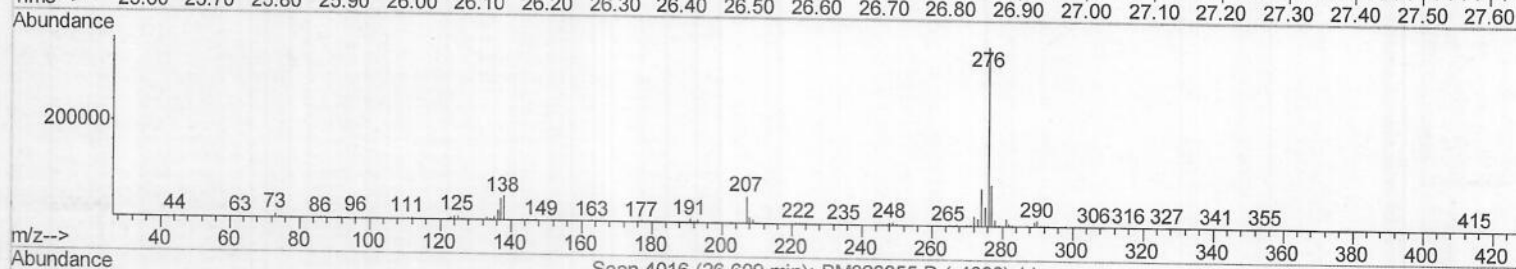
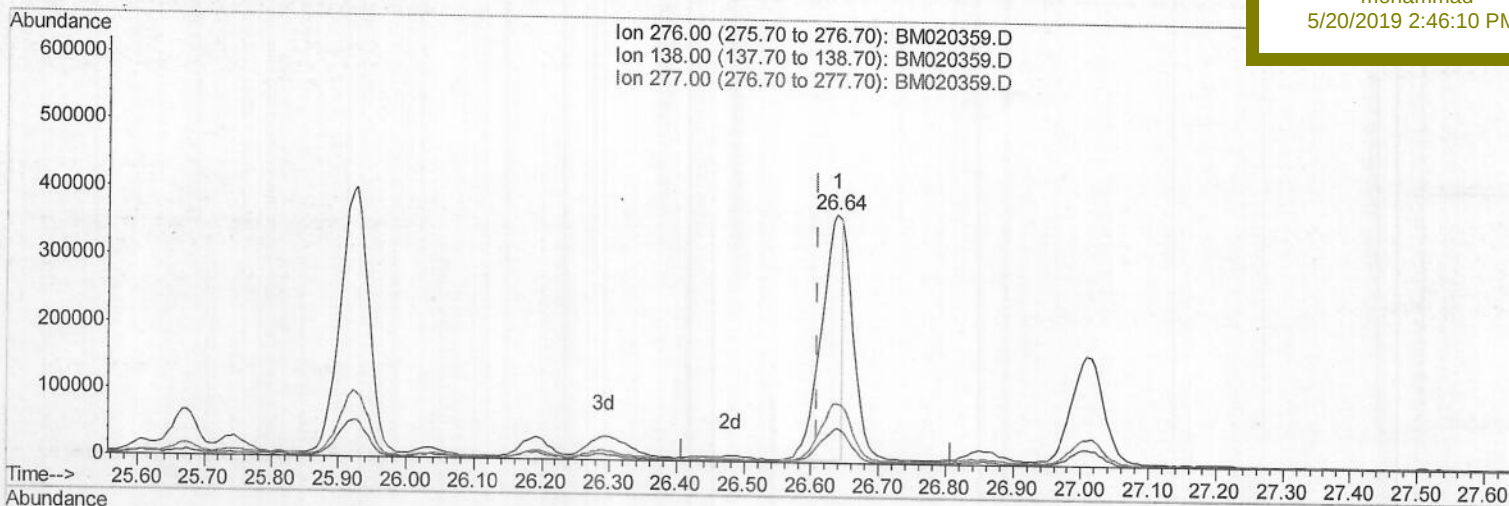
GAJ91ME

Manual Integrations

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mohammad

5/20/2019 2:46:10 PM



(93) Benzo(g,h,i)perylene

26.638min (+0.029) 25.73ng/ul

response 797942

Ion	Exp%	Act%
276.00	100	100
138.00	12.50	13.60
277.00	22.80	23.66
0.00	0.00	0.00

Quantitation Report (Qedit)

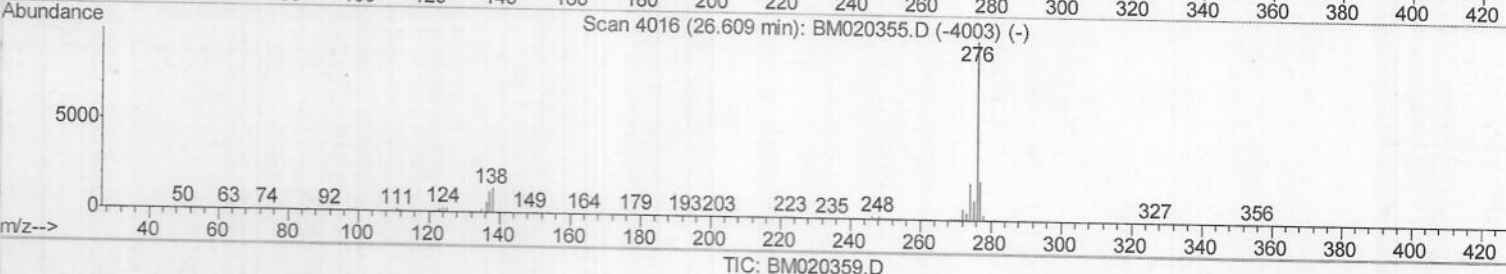
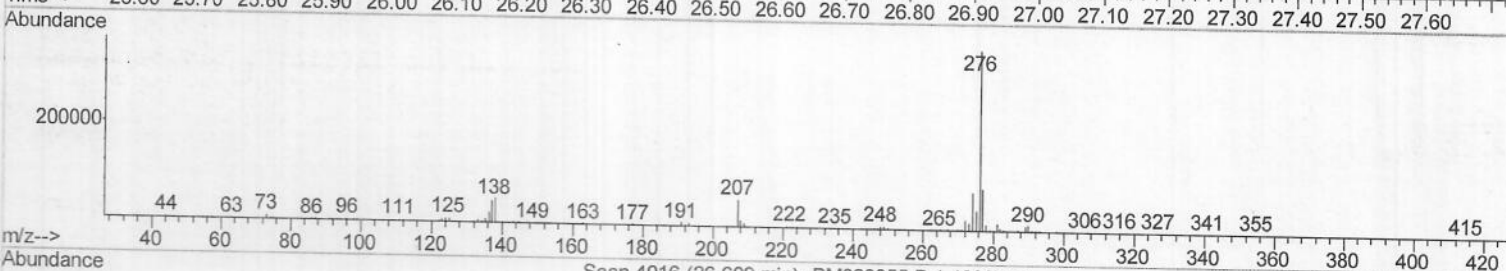
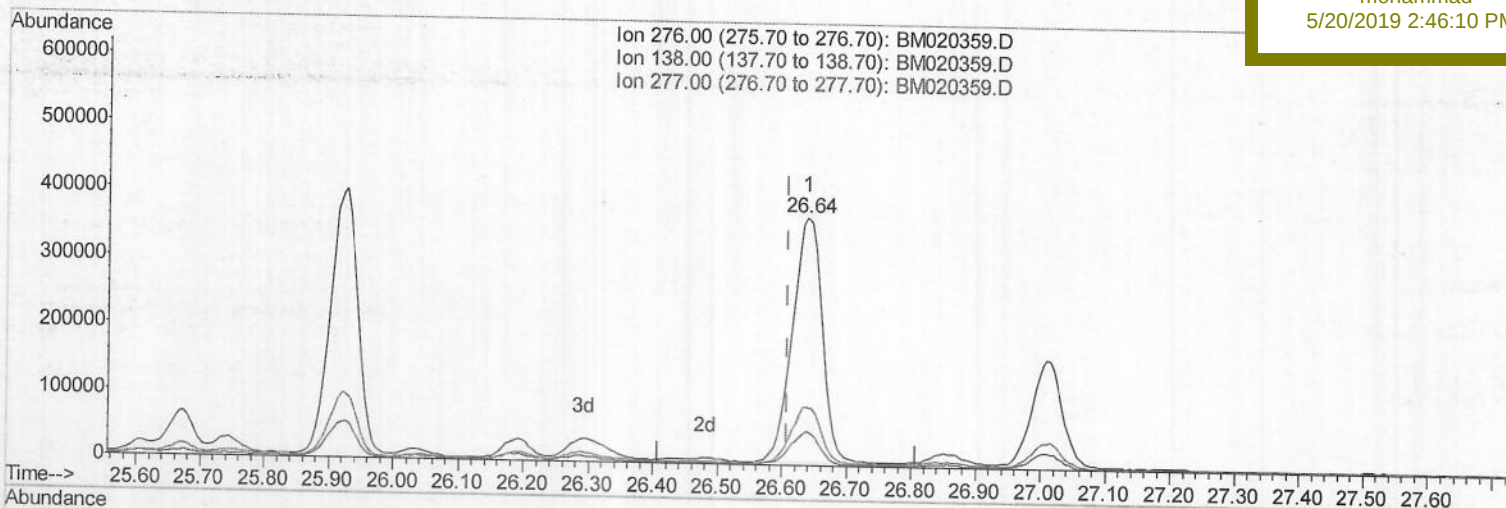
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 02:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91ME

Manual Integrations
 APPROVED

mohammad
 5/20/2019 2:46:10 PM



(93) Benzo(g,h,i)perylene

26.638min (+0.029) 38.08ng/ul m

response 1180846

Ion	Exp%	Act%
276.00	100	100
138.00	12.50	13.60
277.00	22.80	23.66
0.00	0.00	0.00

5/20/2019

TIC: BM020359.D

Quantitation Report (Qedit)

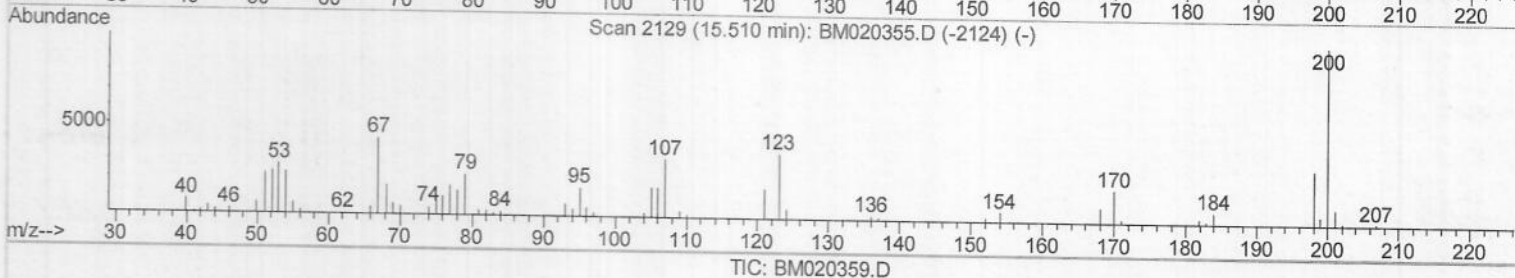
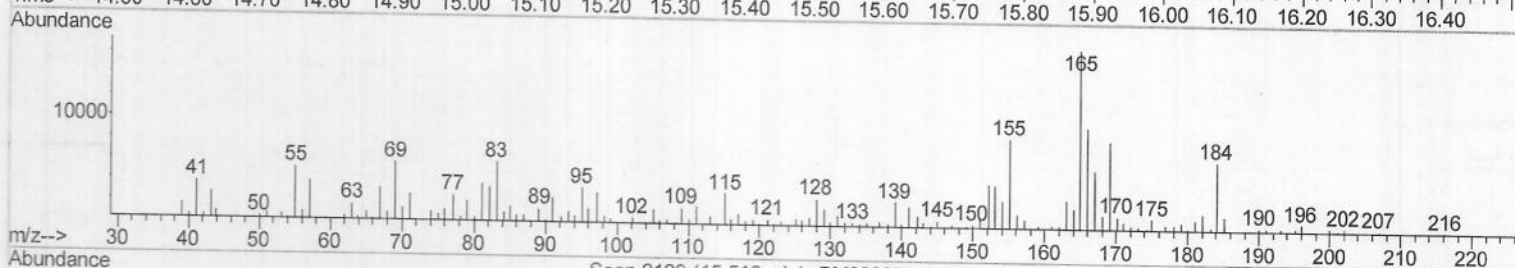
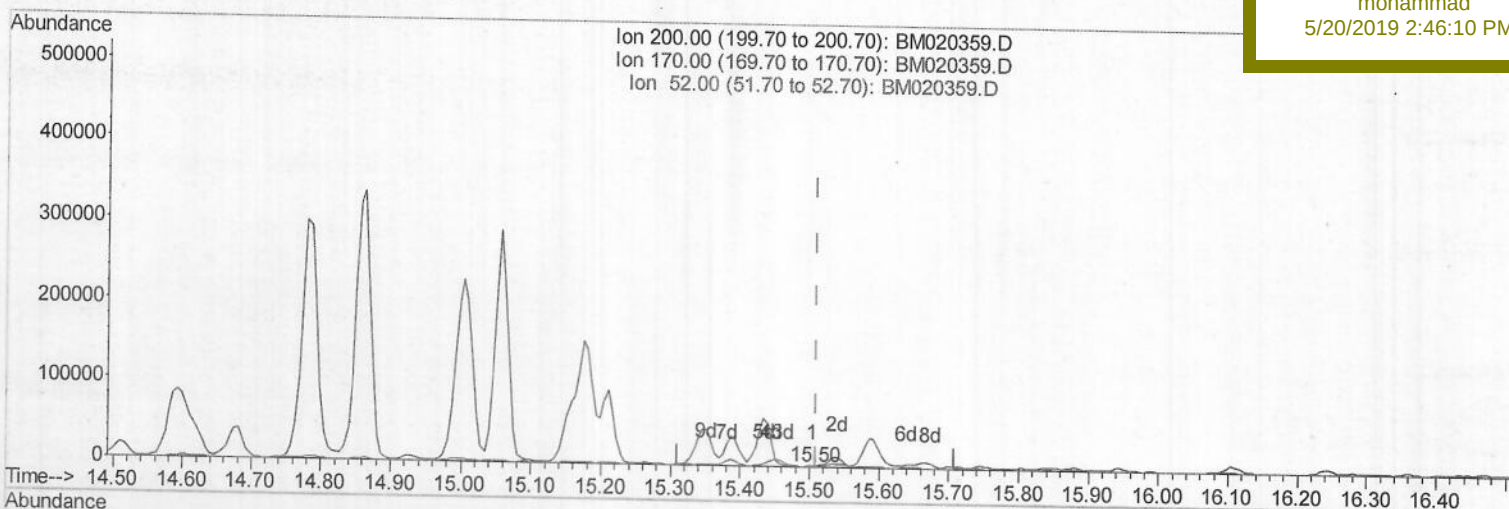
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 03:24:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sample Id :
 GAJ91ME

Manual Integrations
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 5/20/2019 2:46:10 PM



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.504min (-0.006) 0.10ng/ul

response 181

Ion	Exp%	Act%
200.00	100	100
170.00	19.70	235.02#
52.00	29.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

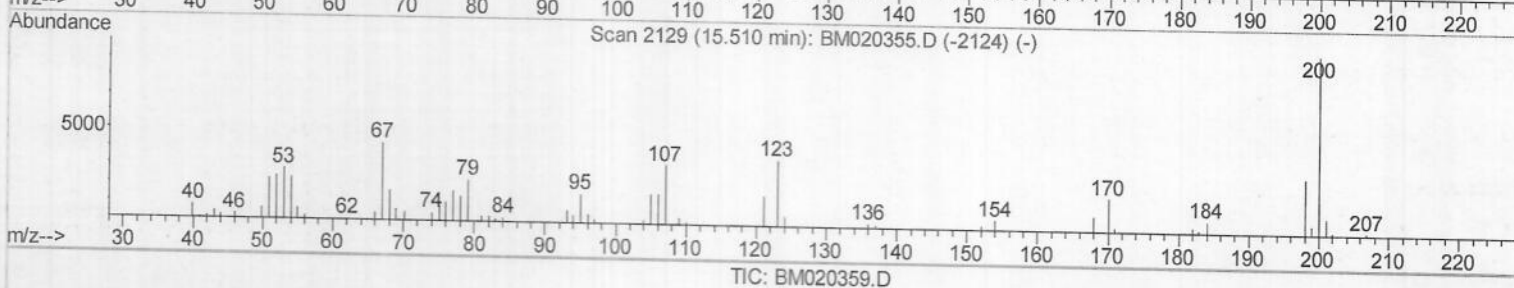
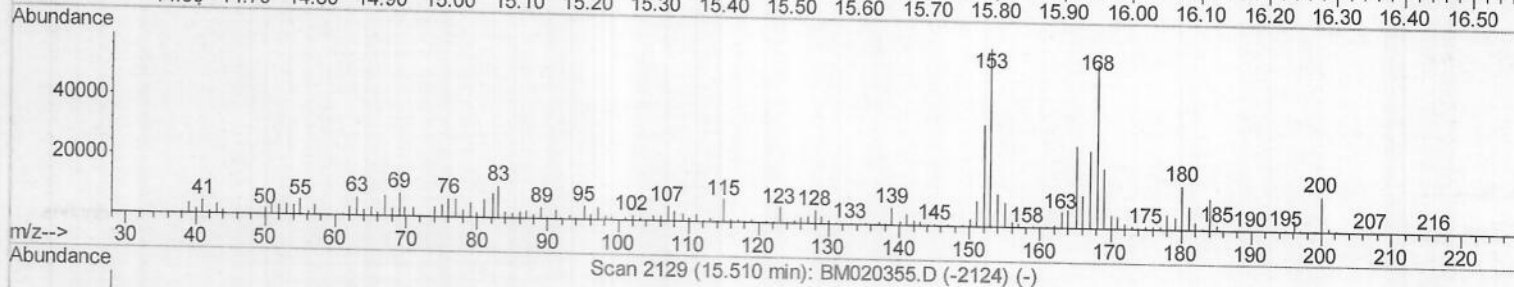
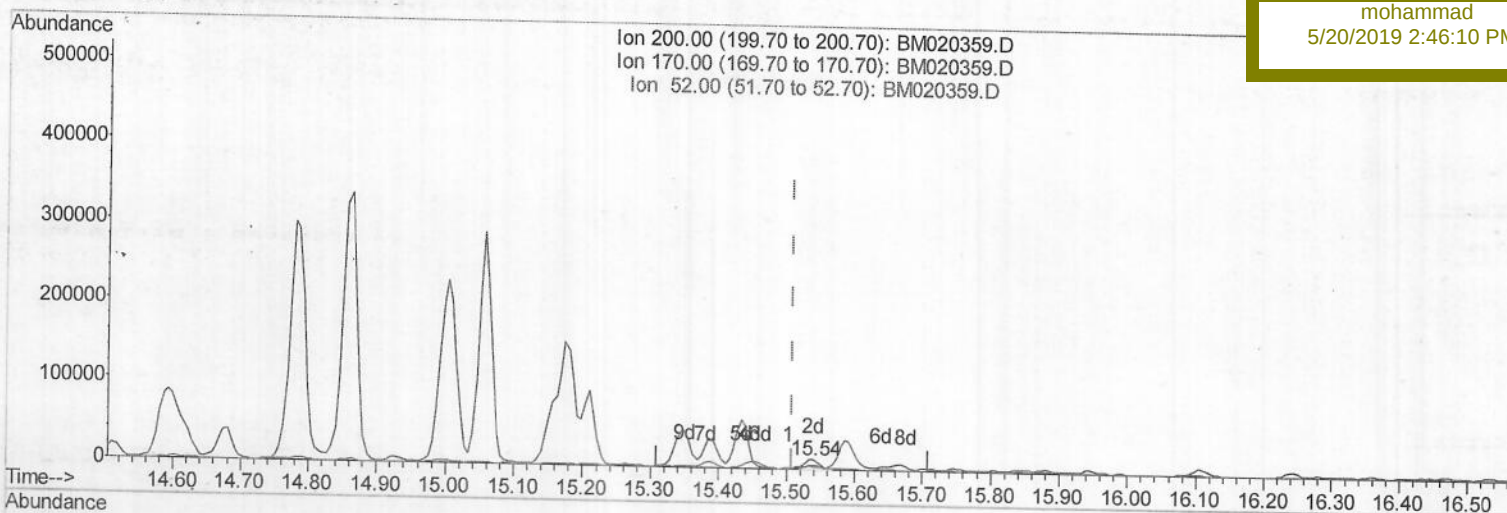
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 03:24:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91ME

Manual Integrations
 APPROVED

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 5/20/2019 2:46:10 PM



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.539min (+0.029) 10.36ng/ul m) JU05/21/19

response 19298

Ion	Exp%	Act%
200.00	100	100
170.00	19.70	40.24#
52.00	29.20	30.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\

Data File : BM020359.D

Acq On : 17 May 2019 11:34

Operator : JU/SJ

Sample : K2604-20ME

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 03:25:41 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

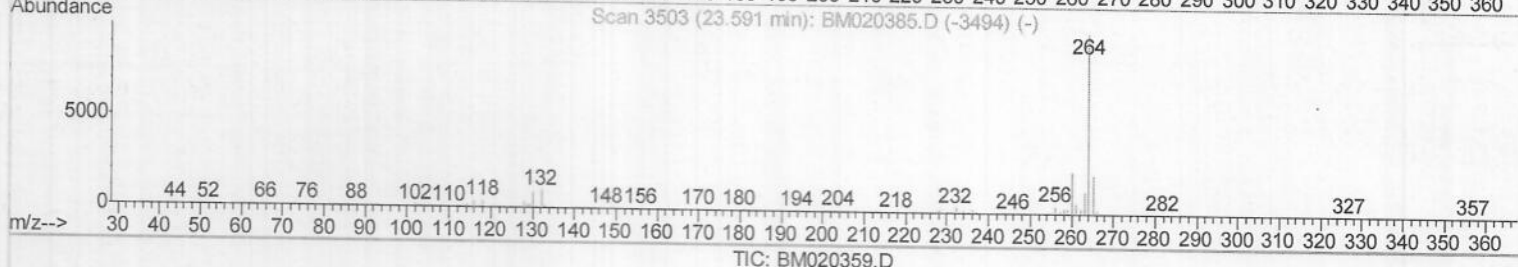
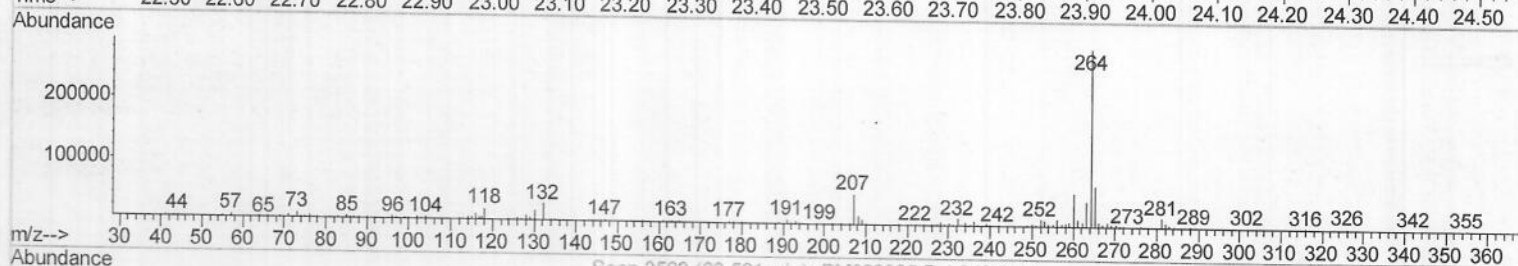
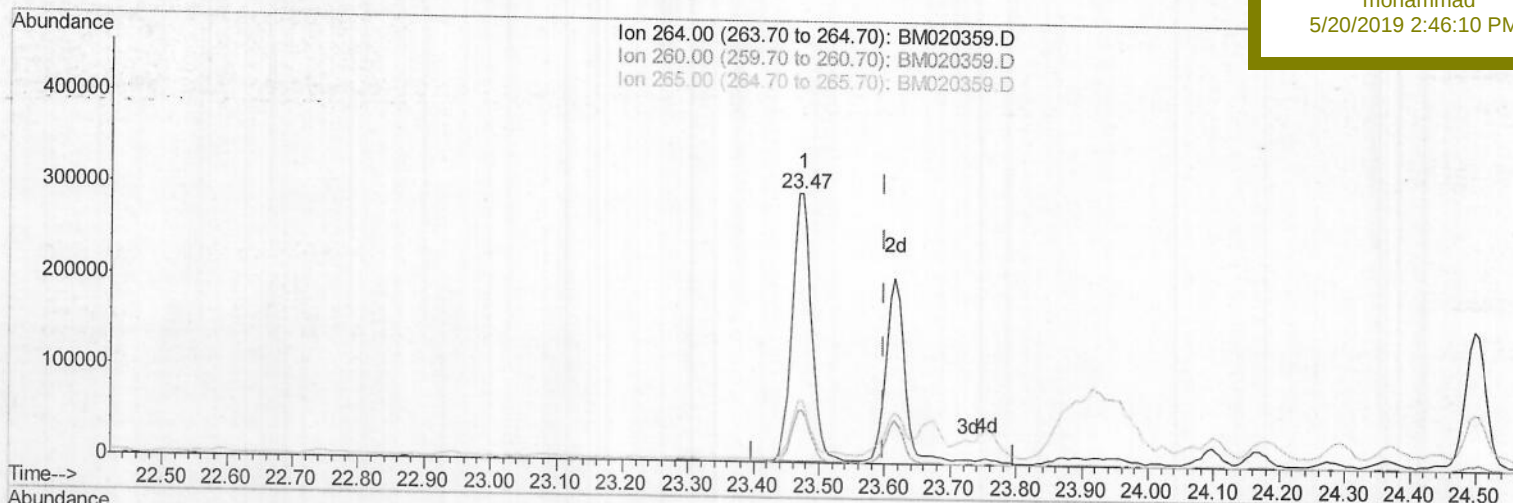
GAJ91ME

Manual Integrations

APPROVED

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5/20/2019 2:46:10 PM



(85) Perylene-d12 (I)

23.474min (-0.123) 20.00ng/ul

response 612129

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	19.31
265.00	21.90	23.12
0.00	0.00	0.00

Quantitation Report (Qedit)

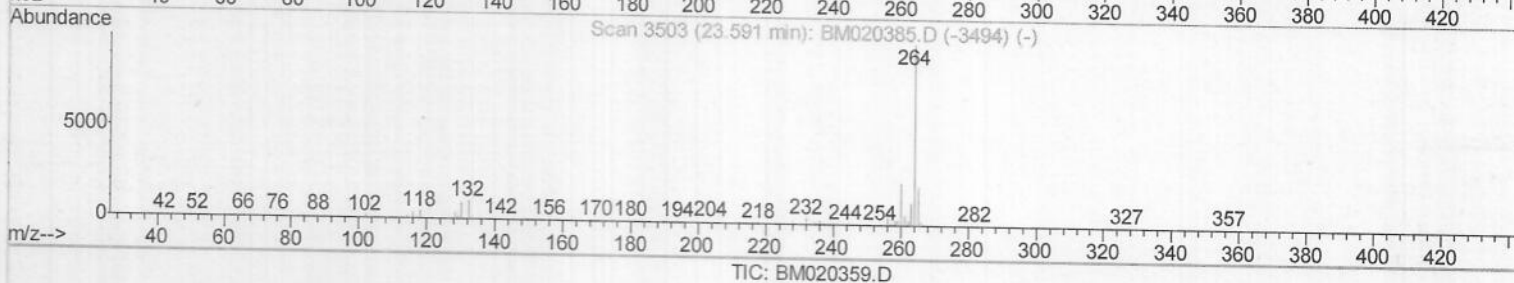
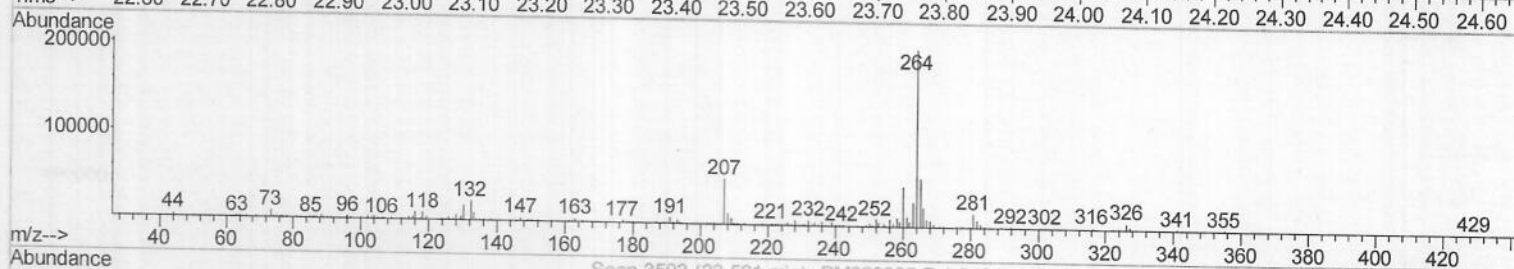
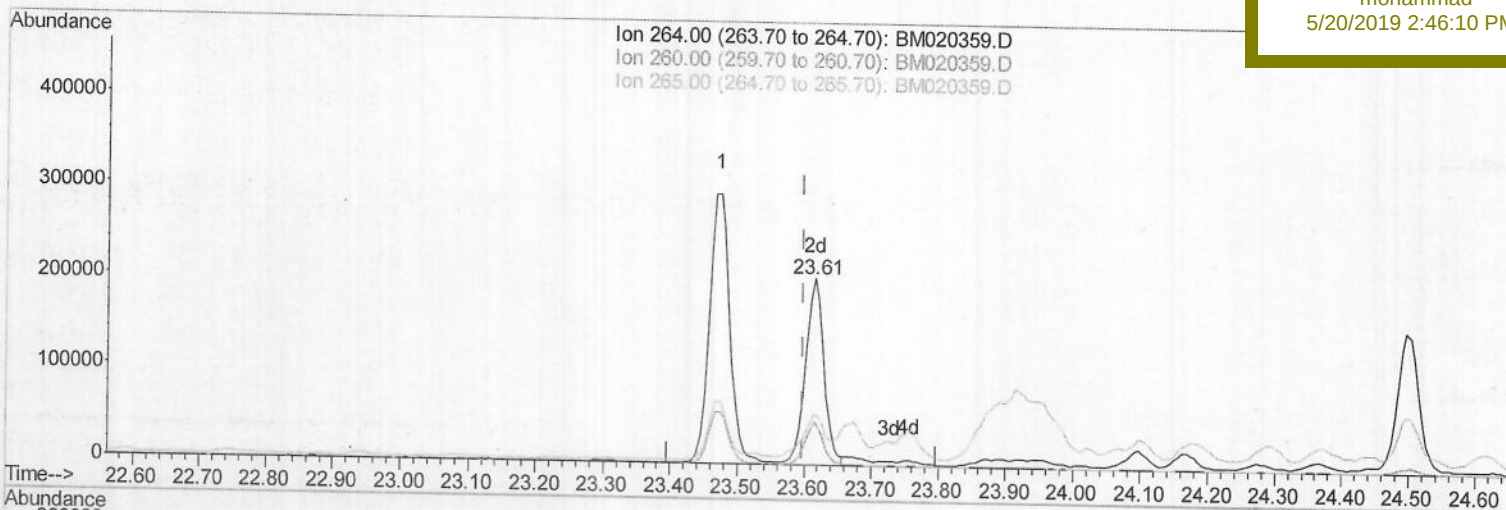
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 03:25:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91ME

Manual Integrations
 APPROVED

mohammad
 5/20/2019 2:46:10 PM



(85) Perylene-d12 (I)

23.615min (+0.018) 20.00ng/ul m

response 391947

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	22.77
265.00	21.90	27.25#
0.00	0.00	0.00

2505/21/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051719\
 Data File : BM020359.D
 Acq On : 17 May 2019 11:34
 Operator : JU/SJ
 Sample : K2604-20ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91ME

Manual Integrations
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Quant Time: May 20 07:49:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	72236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	265214	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	172528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	327071	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	338677	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	391947m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	11866	6.06	ng/uL	0.00
5) Phenol-d5	6.90	99	179933	31.22	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.07	67	122456	33.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	140843	33.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	126509	30.15	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	66035	38.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	69673	36.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	136341	33.88	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	114478	27.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	400565	32.27	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	502228	32.34	ng/ul	0.02
51) 4-Nitrophenol-d4	14.60	143	26236	14.56	ng/ul	0.00
57) Fluorene-d10	15.39	176	349593	31.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	19298m	10.36	ng/ul	0.03
70) Anthracene-d10	17.25	188	515095	36.72	ng/ul	0.02
78) Pyrene-d10	19.54	212	577422	35.40	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	622050m	34.92	ng/ul	0.02

Target Compounds

						Qvalue
28) Naphthalene	10.61	128	30055595m	2466.584	ng/ul	
34) 2-Methylnaphthalene	12.23	142	14964788	1696.203	ng/ul	96
40) 1,1'-Biphenyl	13.22	154	1756581	142.218	ng/ul	99
47) Acenaphthylene	14.13	152	10713306	731.694	ng/ul	97
49) Acenaphthene	14.46	153	638305	63.413	ng/ul	98
53) Dibenzofuran	14.79	168	645400	42.341	ng/ul	96
58) Fluorene	15.45	166	4793221	392.531	ng/ul	99
69) Phenanthrene	17.20	178	19164273m	1229.732	ng/ul	
71) Anthracene	17.29	178	4603770	290.414	ng/ul	100
74) Carbazole	17.55	167	61836	4.596	ng/ul#	82
76) Fluoranthene	19.22	202	7715025	391.908	ng/ul	97
79) Pyrene	19.59	202	11239161m	552.888	ng/ul	
82) Benzo(a)anthracene	21.33	228	3948977m	193.727	ng/ul	
84) Chrysene	21.38	228	3317154	170.283	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	2535259	113.336	ng/ul	97
88) Benzo(k)fluoranthene	22.97	252	767209m	34.917	ng/ul	
90) Benzo(a)pyrene	23.53	252	3062967m	145.498	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.93	276	1171106m	48.821	ng/ul	
92) Dibenzo(a,h)anthracene	25.93	278	350669m	17.095	ng/ul	
93) Benzo(g,h,i)perylene	26.64	276	1180846m	59.469	ng/ul	

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