

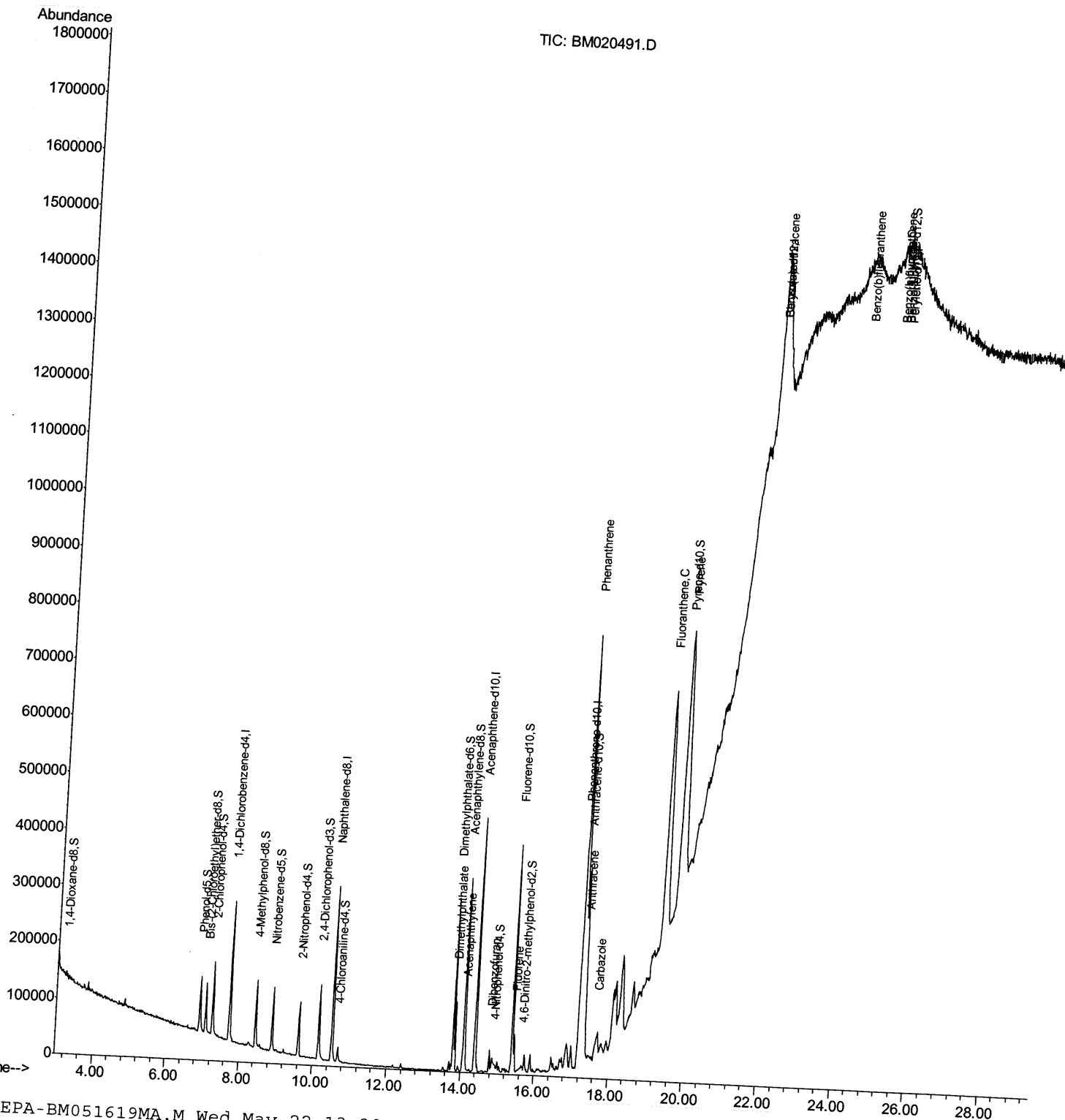
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:45:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



Quantitation Report (Qedit)

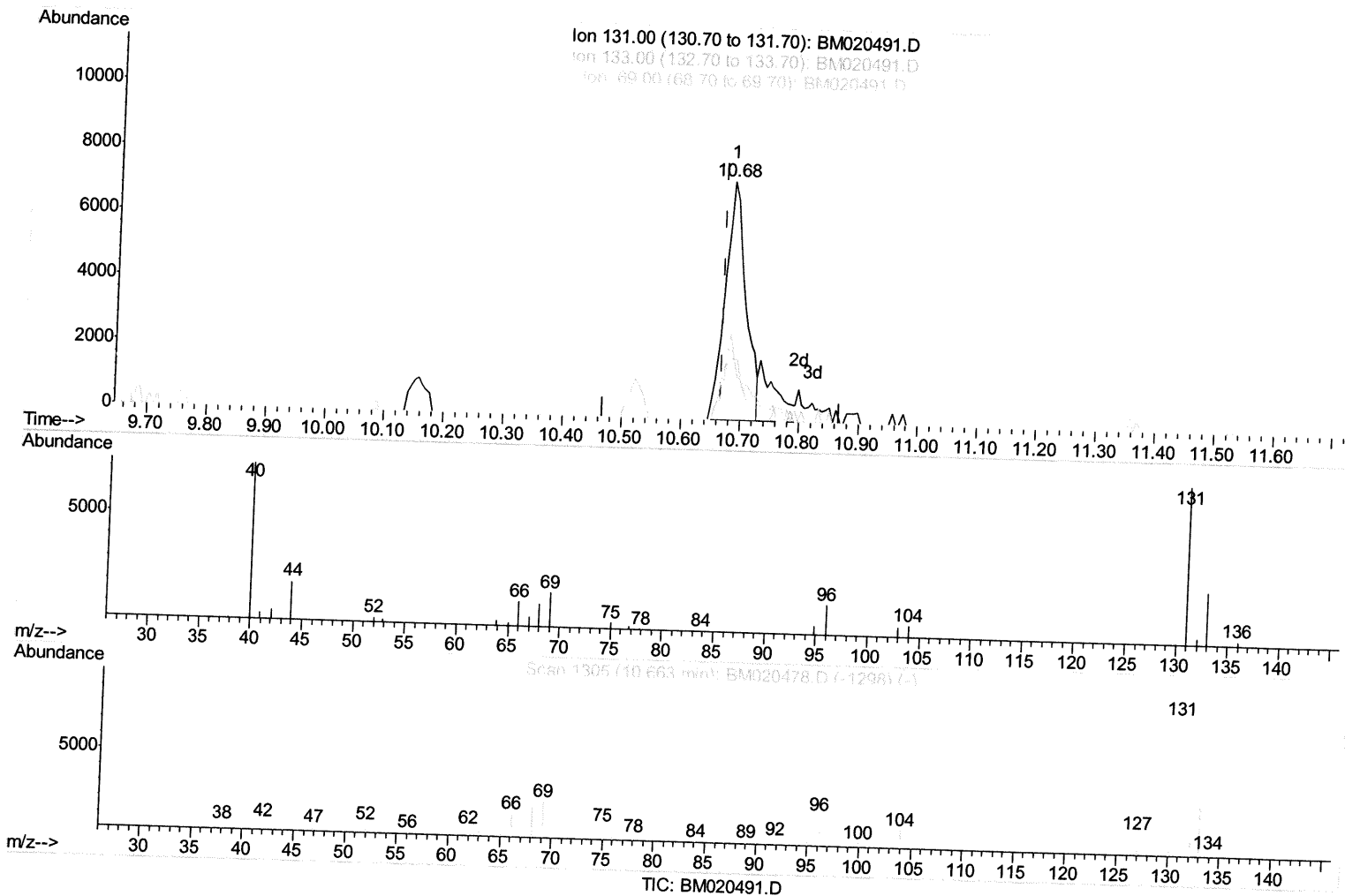
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.681min (+0.012) 4.21ng/ul

response 17860

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	36.05
69.00	24.20	24.94
0.00	0.00	0.00

Quantitation Report (Qedit)

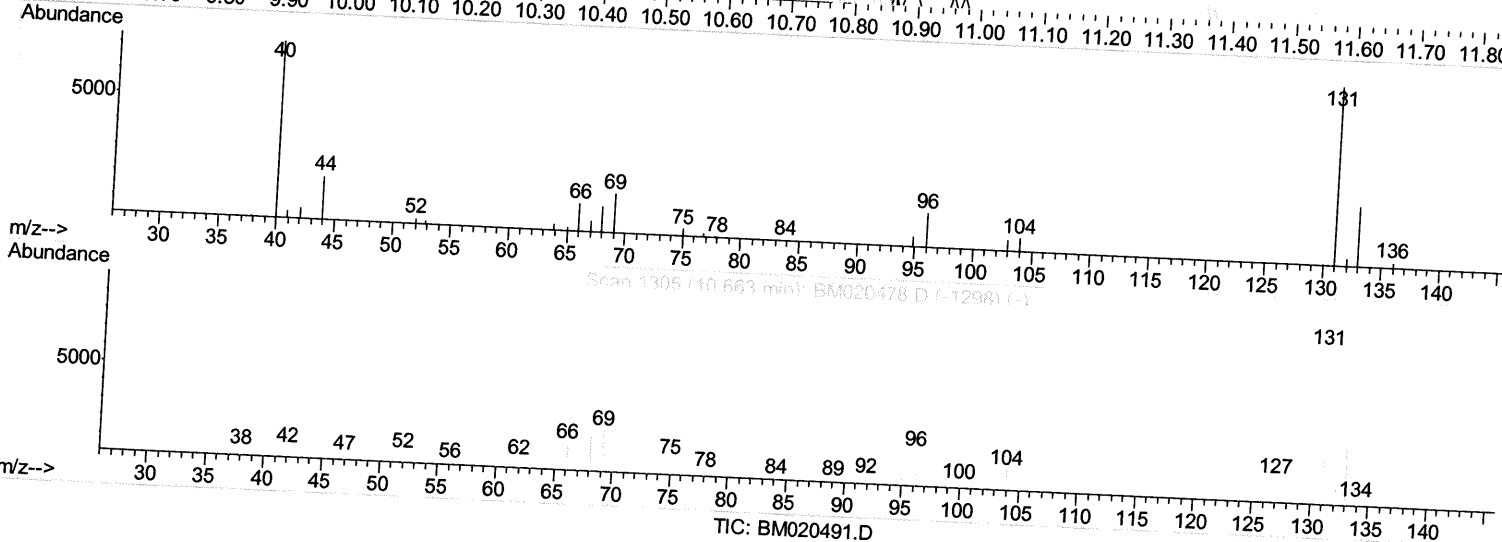
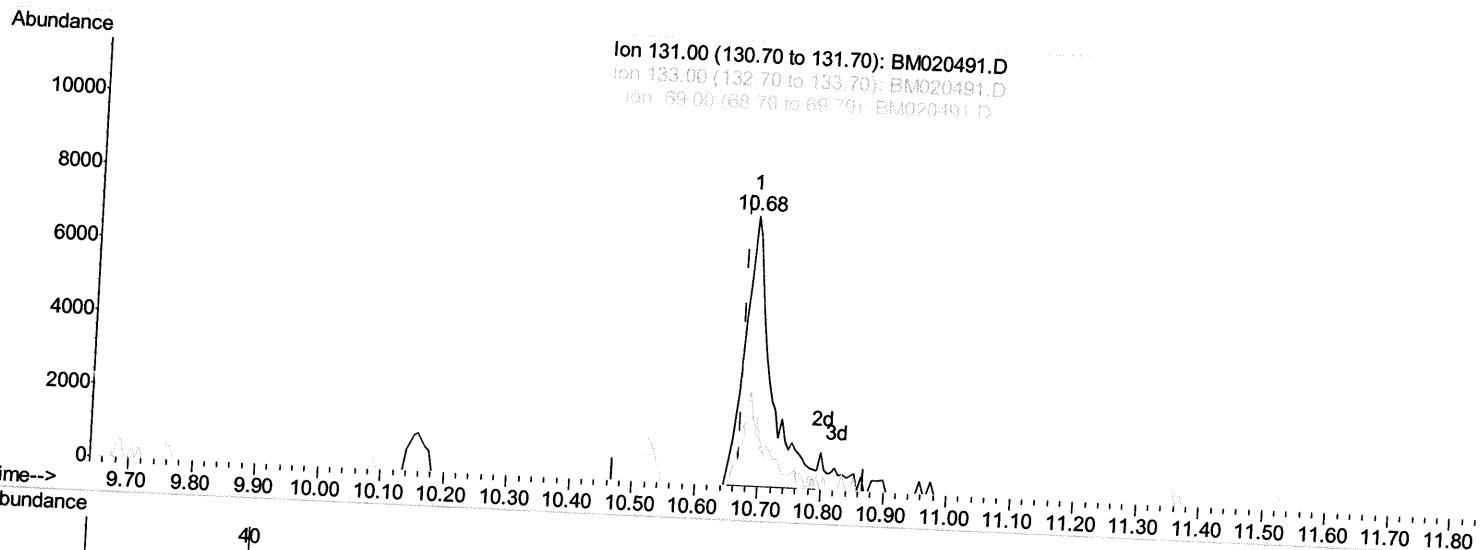
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.681min (+0.012) 5.49ng/ul m *50 05/24/19*

response 23311

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	36.05
69.00	24.20	24.94
0.00	0.00	0.00

Quantitation Report (Qedit)

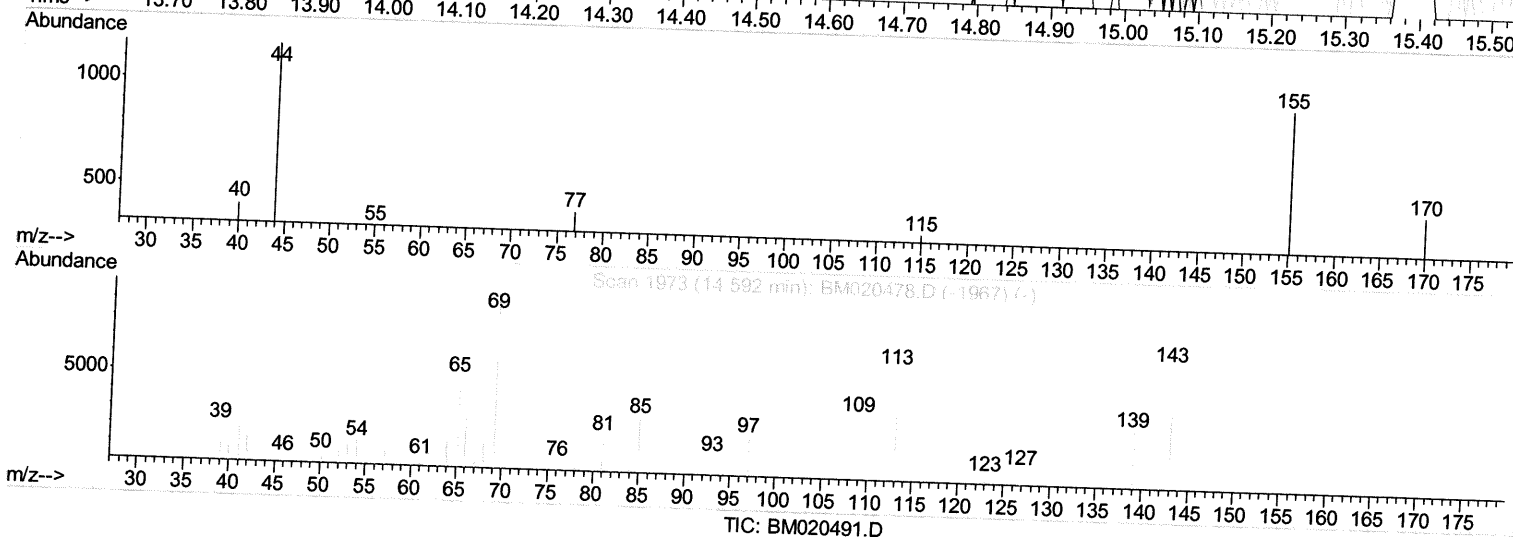
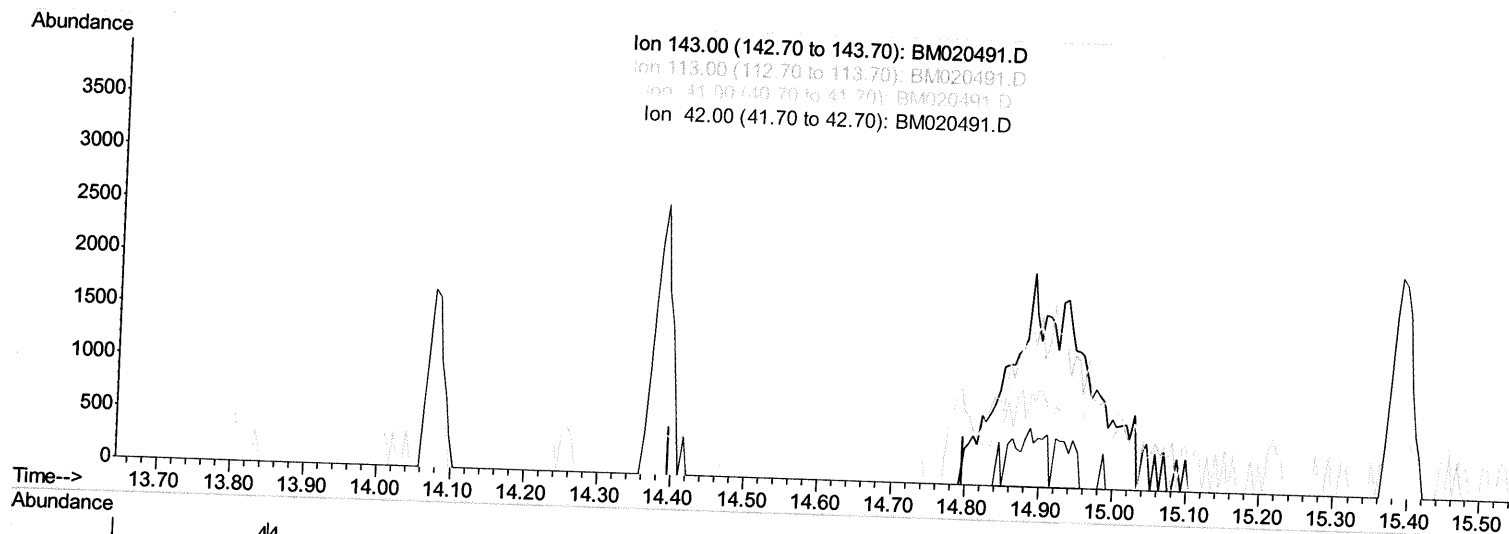
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.598min (-14.598) 0.00ng/ul

response 0

Ion	Exp%	Act%
143.00	100	0.00
113.00	99.80	0.00#
41.00	31.70	0.00#
42.00	21.50	0.00#

Quantitation Report (Qedit)

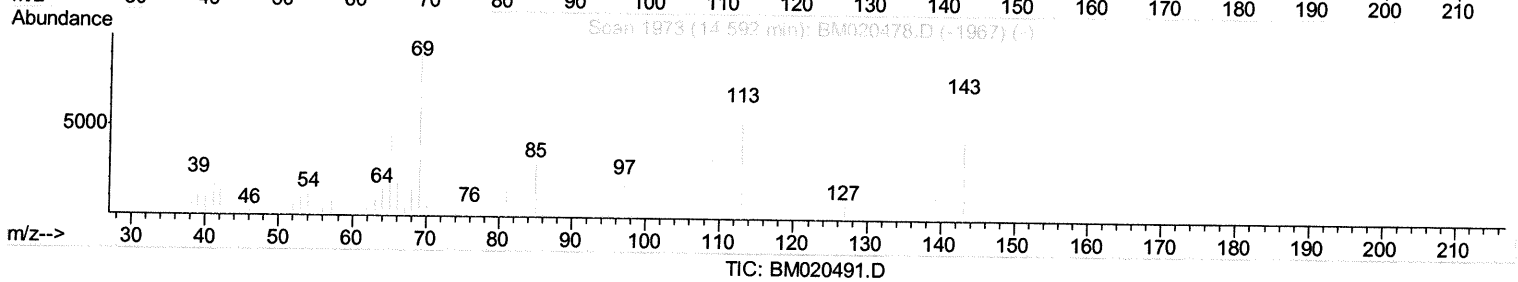
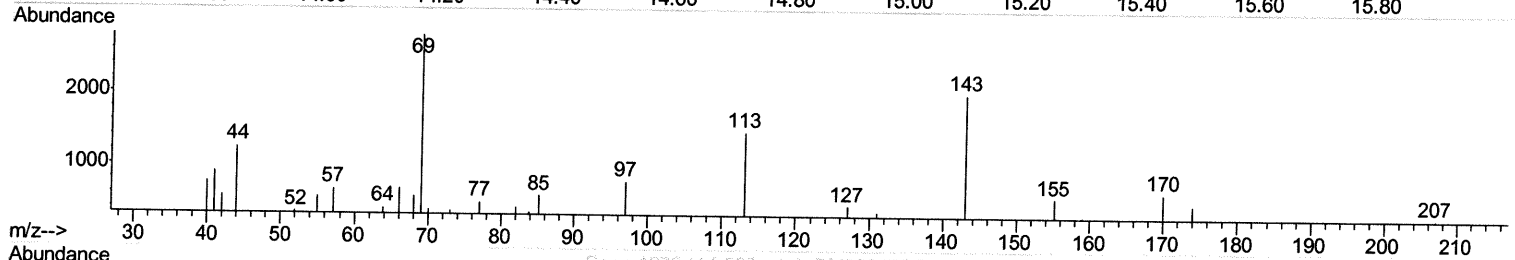
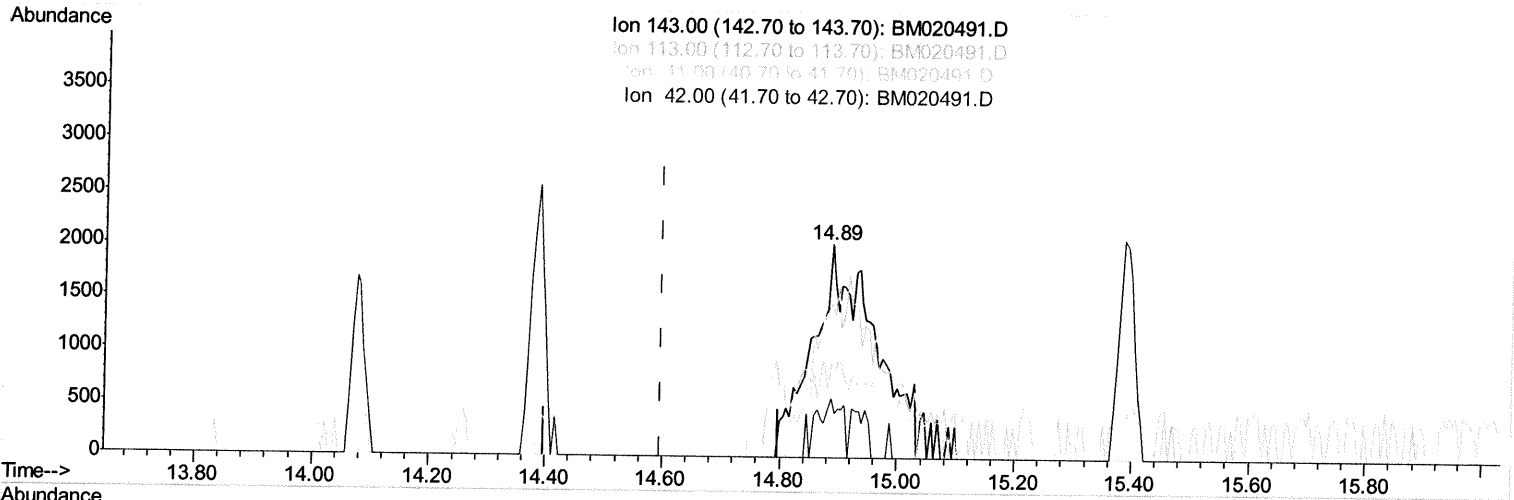
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.887min (+0.288) 8.48ng/ul m *Ju ost 24/19*

response 14634

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	72.83#
41.00	31.70	44.22#
42.00	21.50	27.77#

Quantitation Report (Qedit)

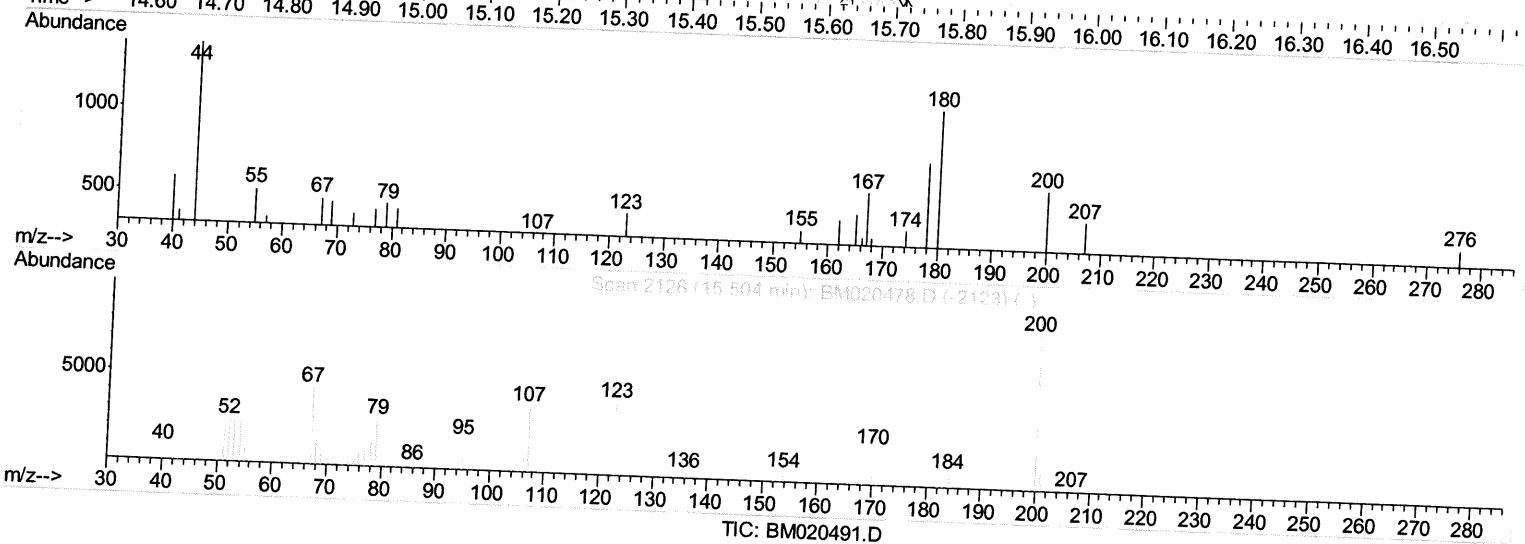
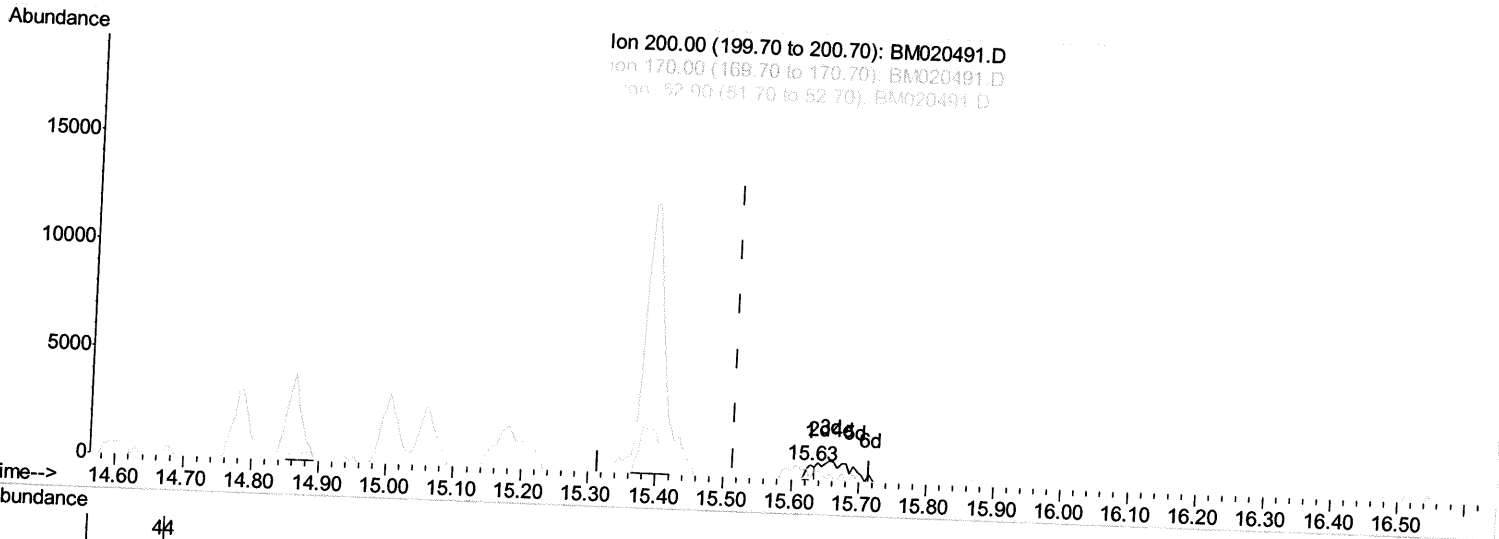
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



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

15.628min (+0.112) 0.27ng/ul

response 617

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

Quantitation Report (Qedit)

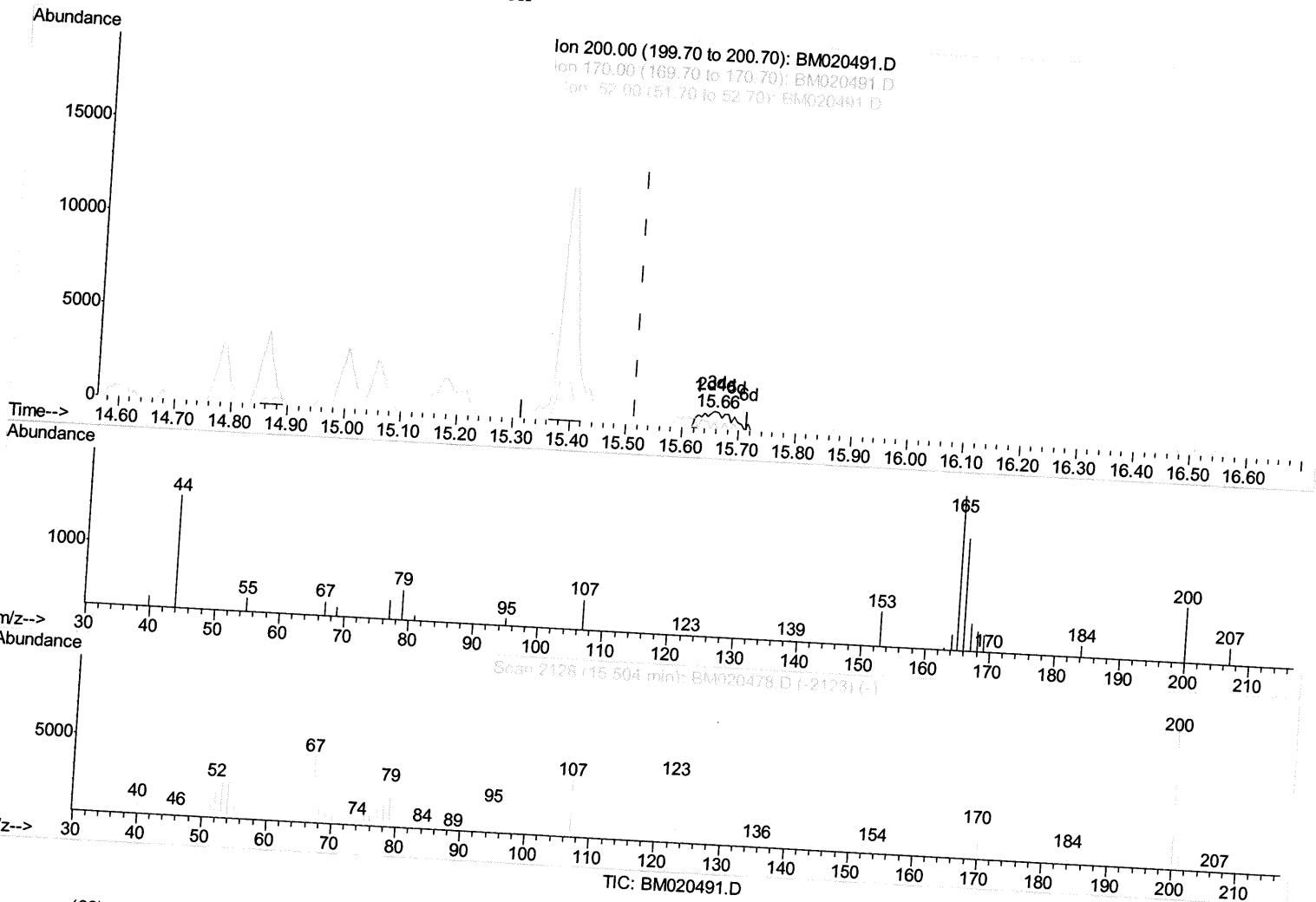
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



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

15.657min (+0.141) 1.50ng/ul m⁵⁰
 05/24/19

response 3441

Ion	Exp%	Act%
200.00	100	100
170.00	19.70	36.74#
52.00	29.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

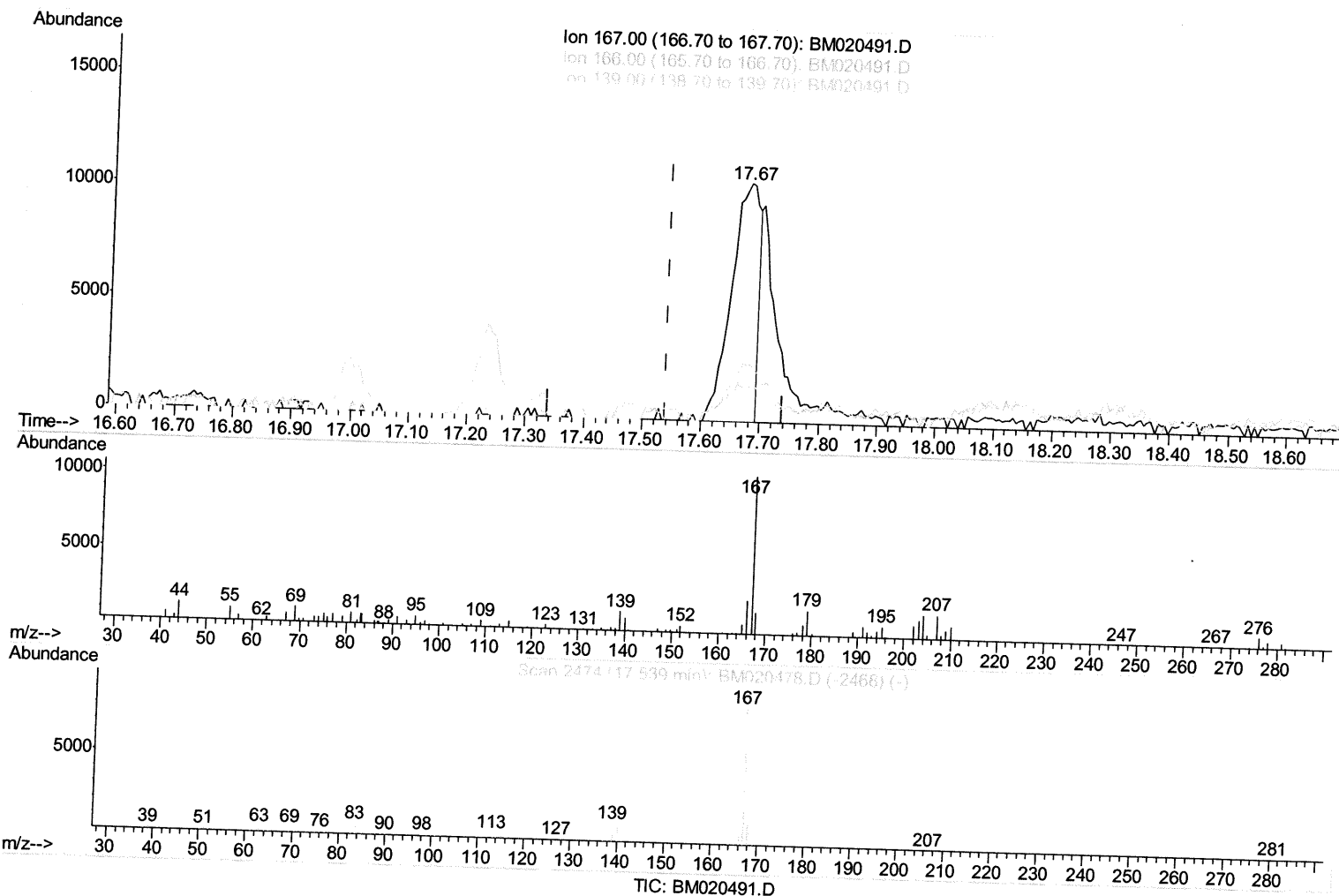
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(74) Carbazole

17.675min (+0.135) 2.05ng/ul

response 34050

Ion	Exp%	Act%
167.00	100	100
166.00	20.70	23.57
139.00	12.30	14.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

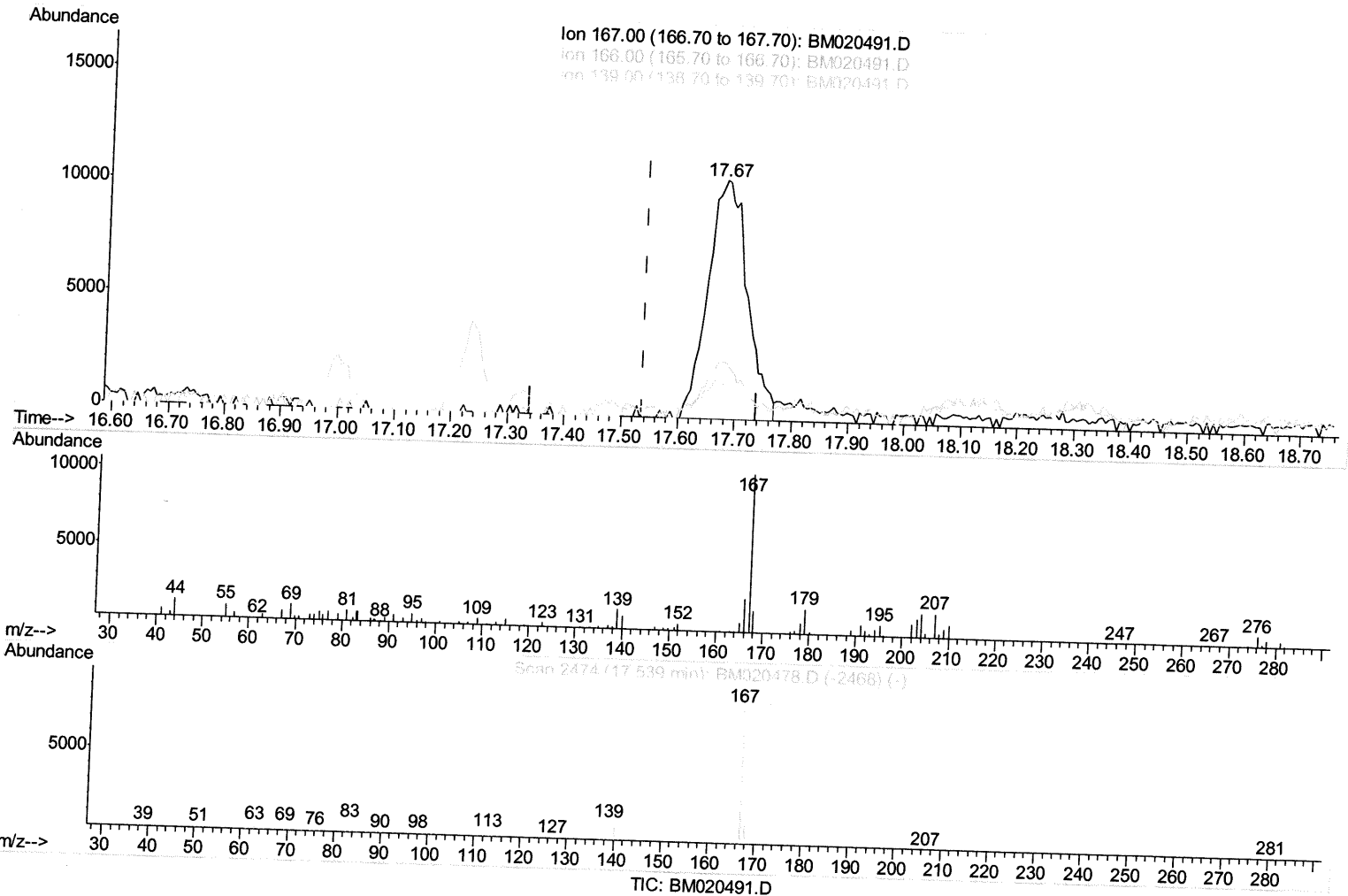
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(74) Carbazole

17.675min (+0.135) 3.10ng/ul m *JU 05/24/19*

response 51469

Ion	Exp%	Act%
167.00	100	100
166.00	20.70	23.57
139.00	12.30	14.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

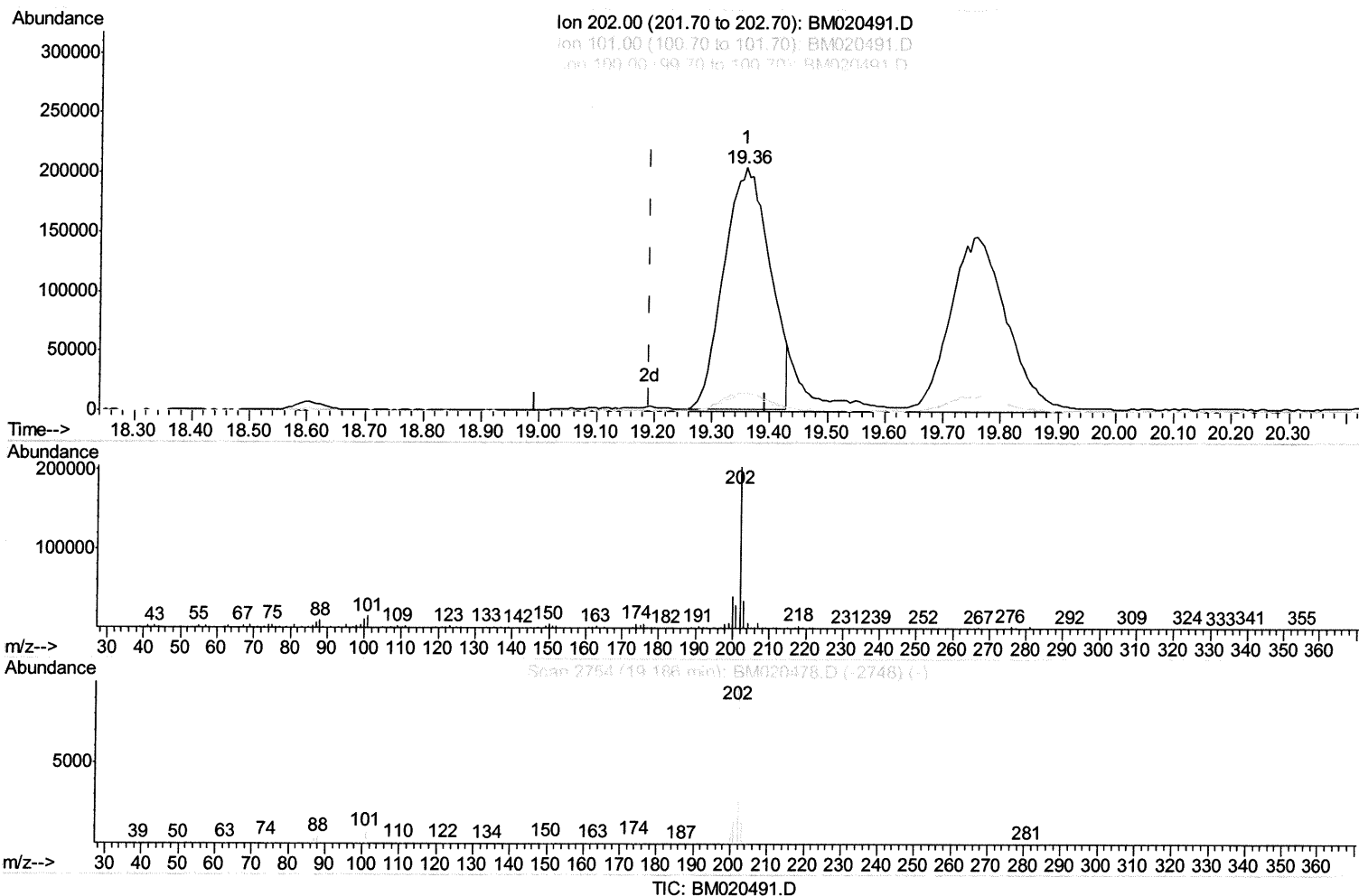
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.357min (+0.165) 45.87ng/ul

response 1112525

Ion	Exp%	Act%
202.00	100	100
101.00	8.00	7.41
100.00	6.50	5.69
0.00	0.00	0.00

Quantitation Report (Qedit)

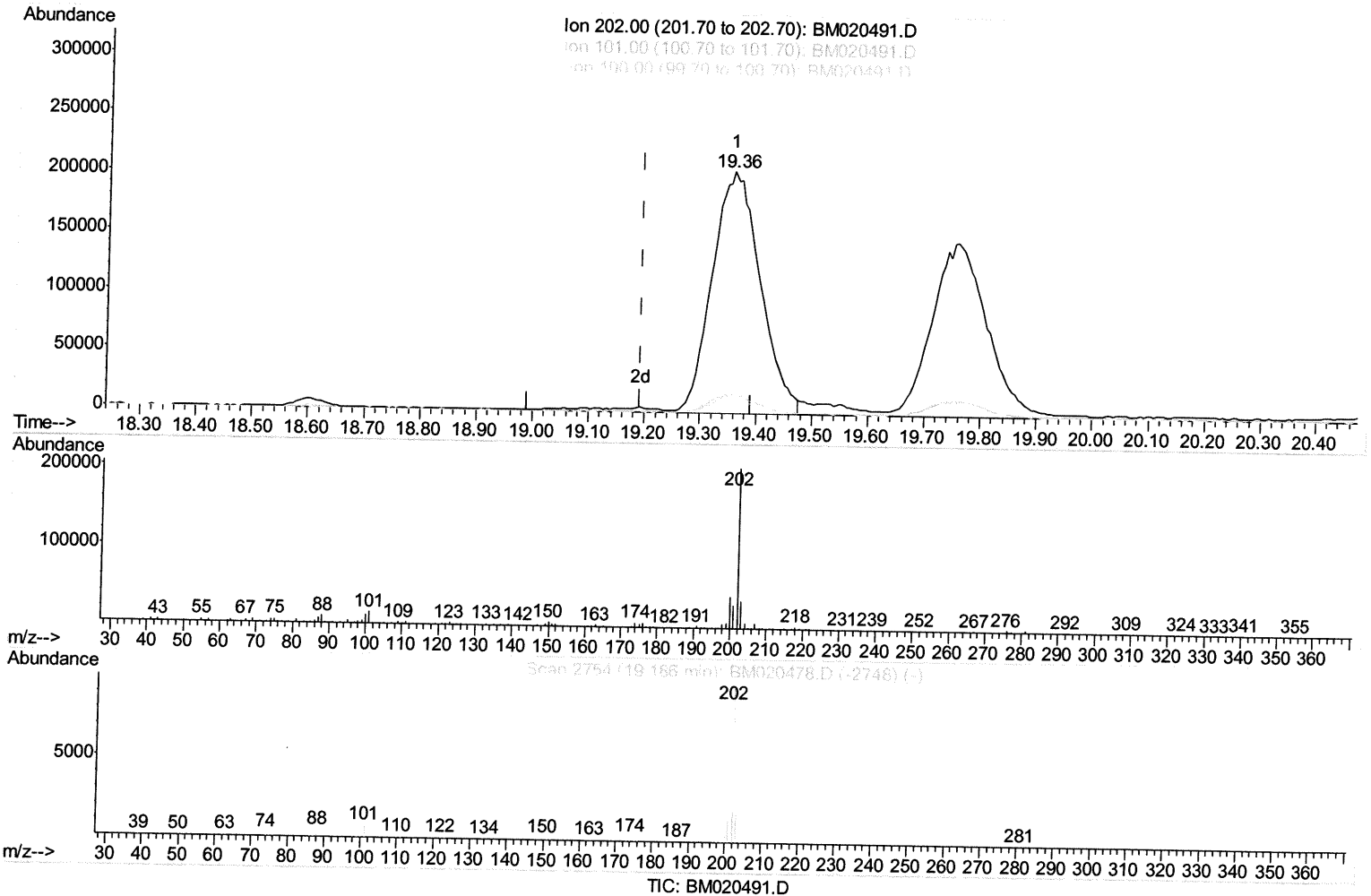
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.357min (+0.165) 49.82ng/ul m *JU 05/24/19*

response 1208279

Ion	Exp%	Act%
202.00	100	100
101.00	8.00	7.41
100.00	6.50	5.69
0.00	0.00	0.00

Quantitation Report (Qedit)

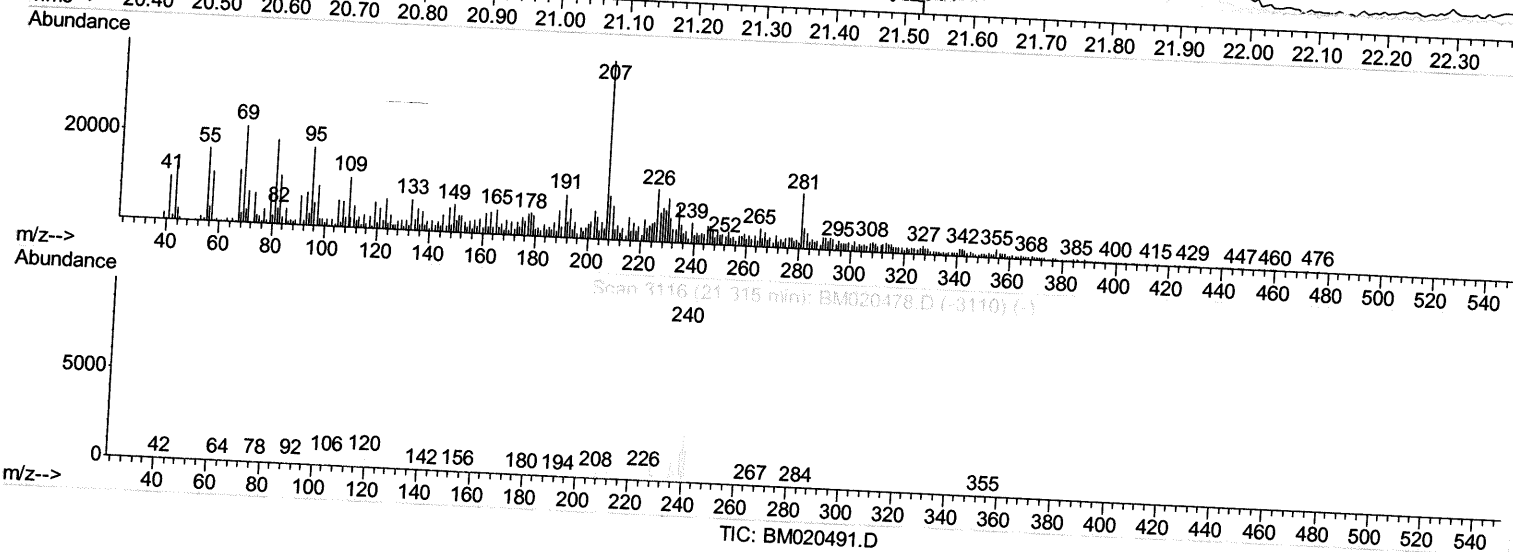
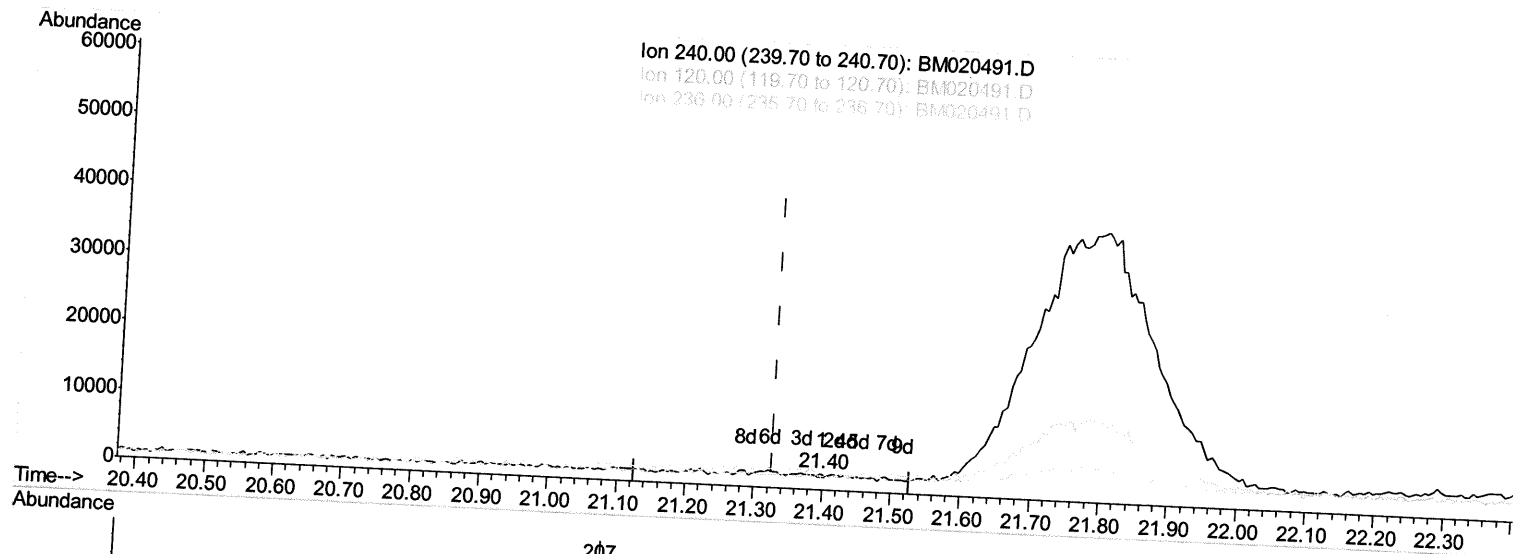
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(77) Chrysene-d12 (I)

21.398min (+0.071) 20.00ng/ul

response 209

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	76.83#
236.00	25.40	105.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

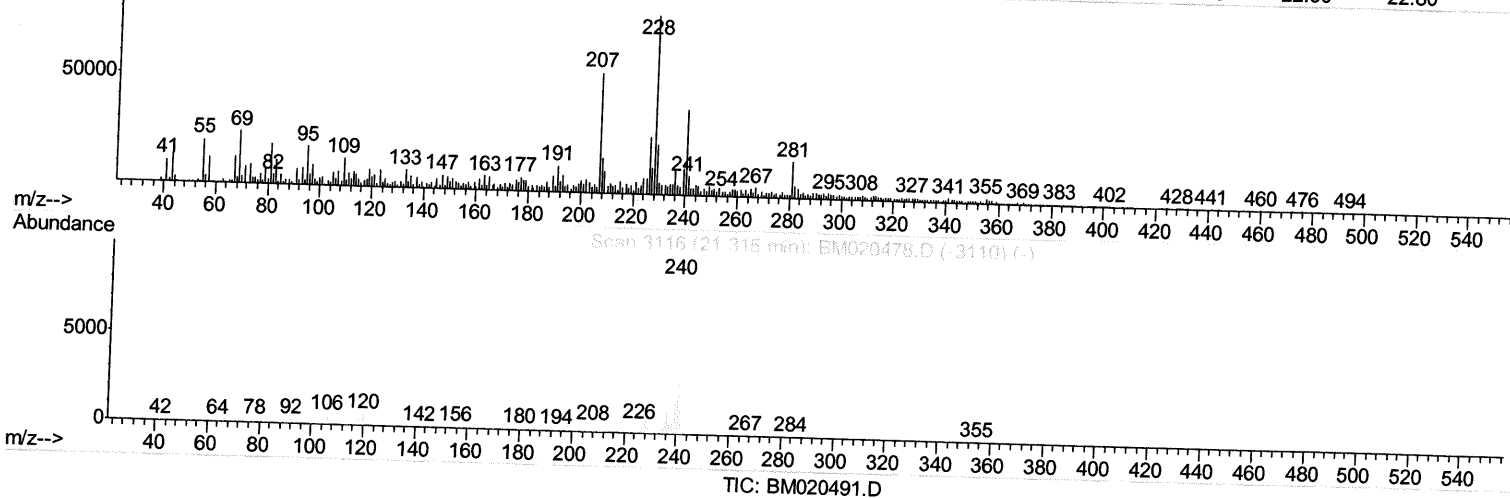
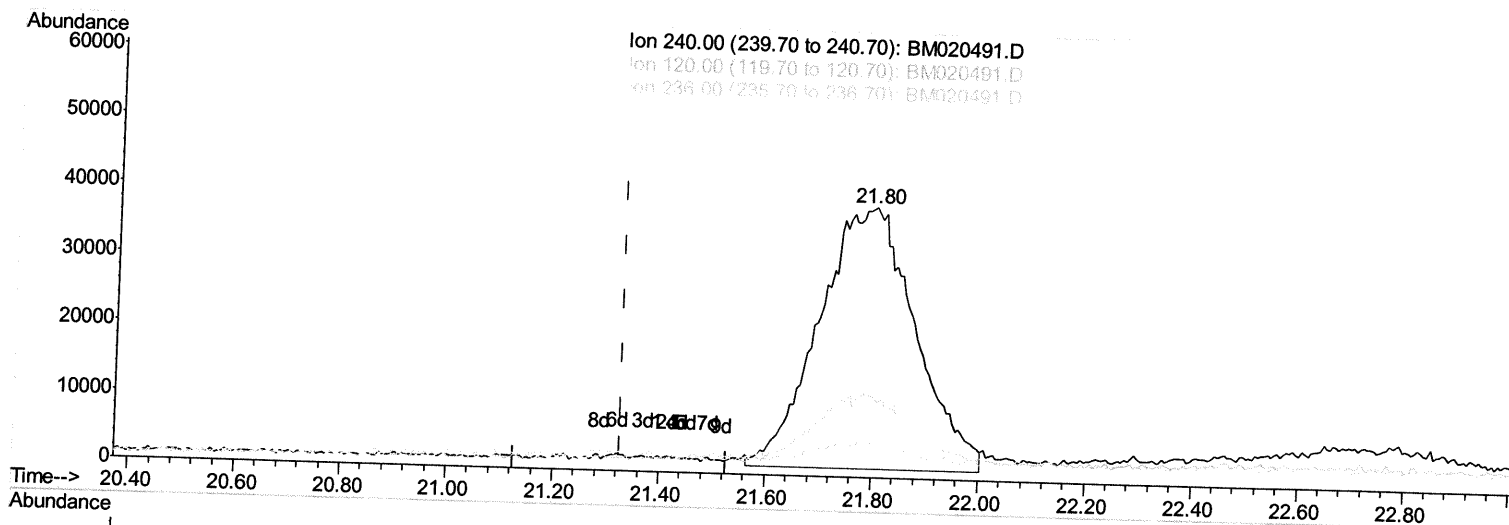
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(77) Chrysene-d12 (I)

21.798min (+0.471) 20.00ng/ul m

Ju
 05/24/19

response 472760

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	12.72#
236.00	25.40	30.17
0.00	0.00	0.00

Quantitation Report (Qedit)

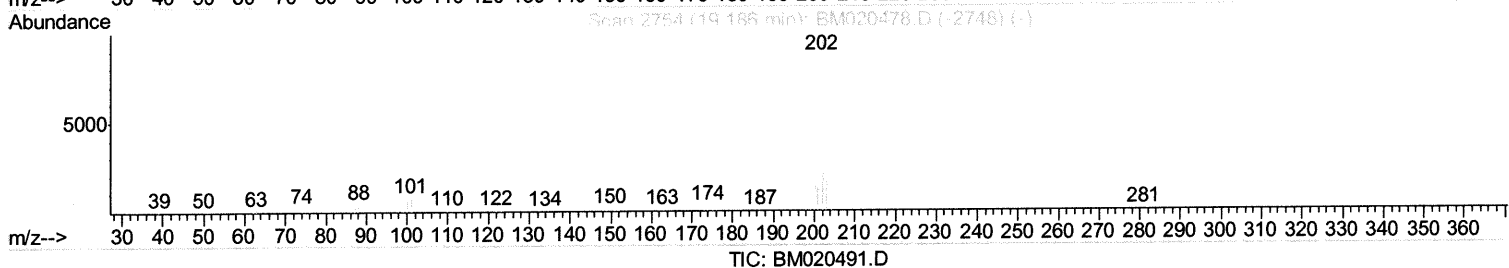
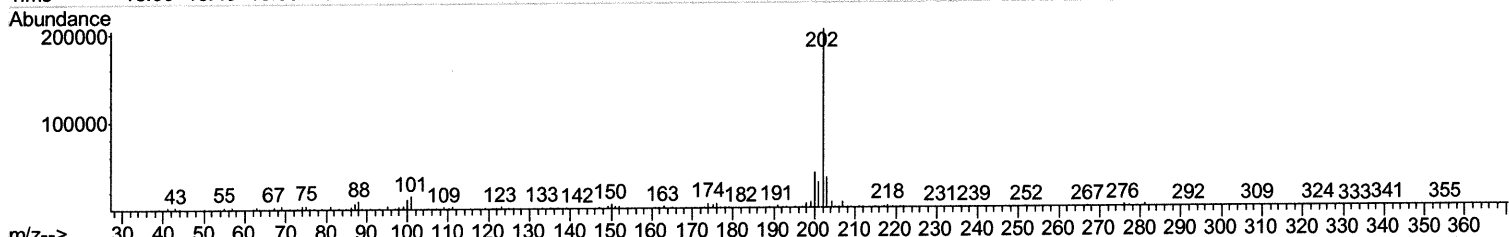
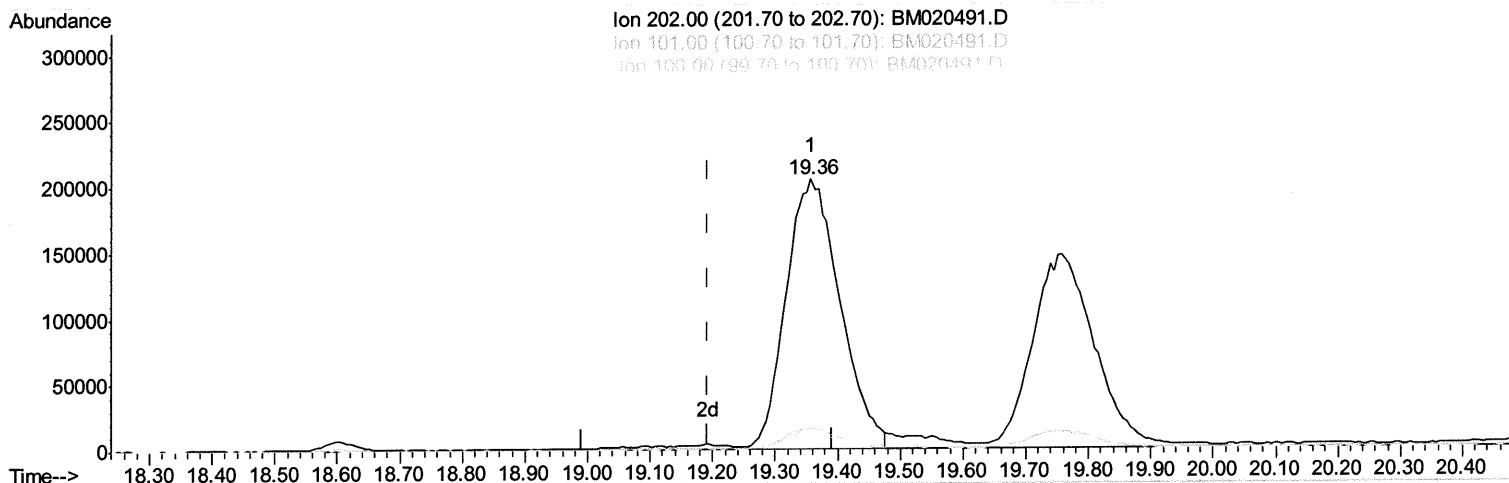
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.357min (+0.165) 49.82ng/ul m *JU 05/24/19*

response 1208279

Ion	Exp%	Act%
202.00	100	100
101.00	8.00	7.41
100.00	6.50	5.69
0.00	0.00	0.00

Quantitation Report (Qedit)

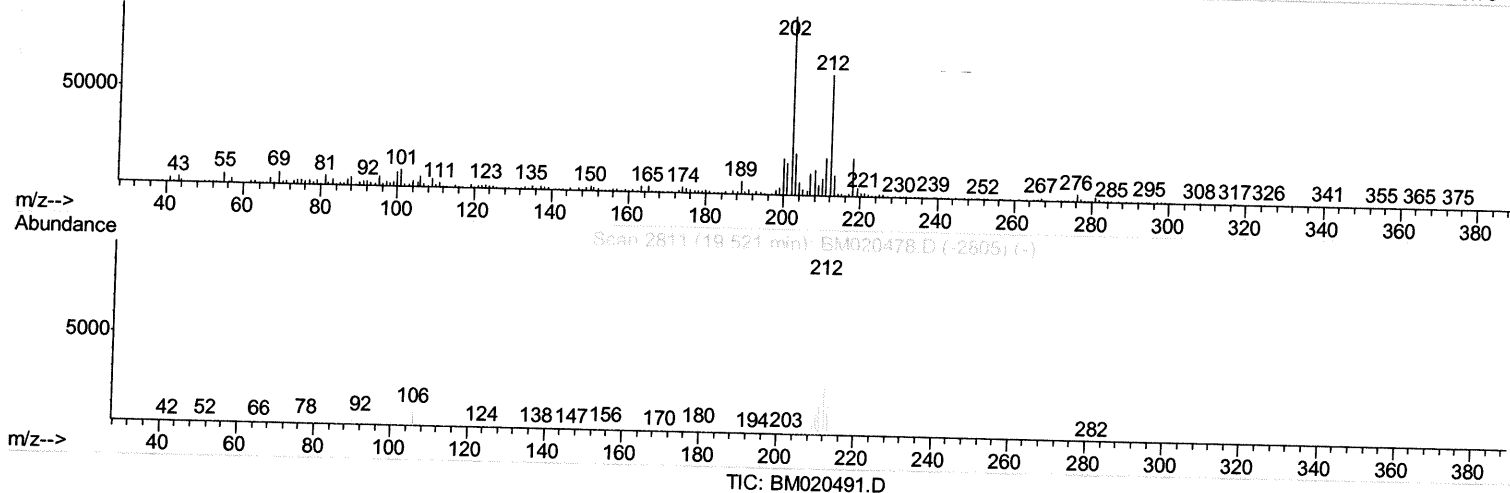
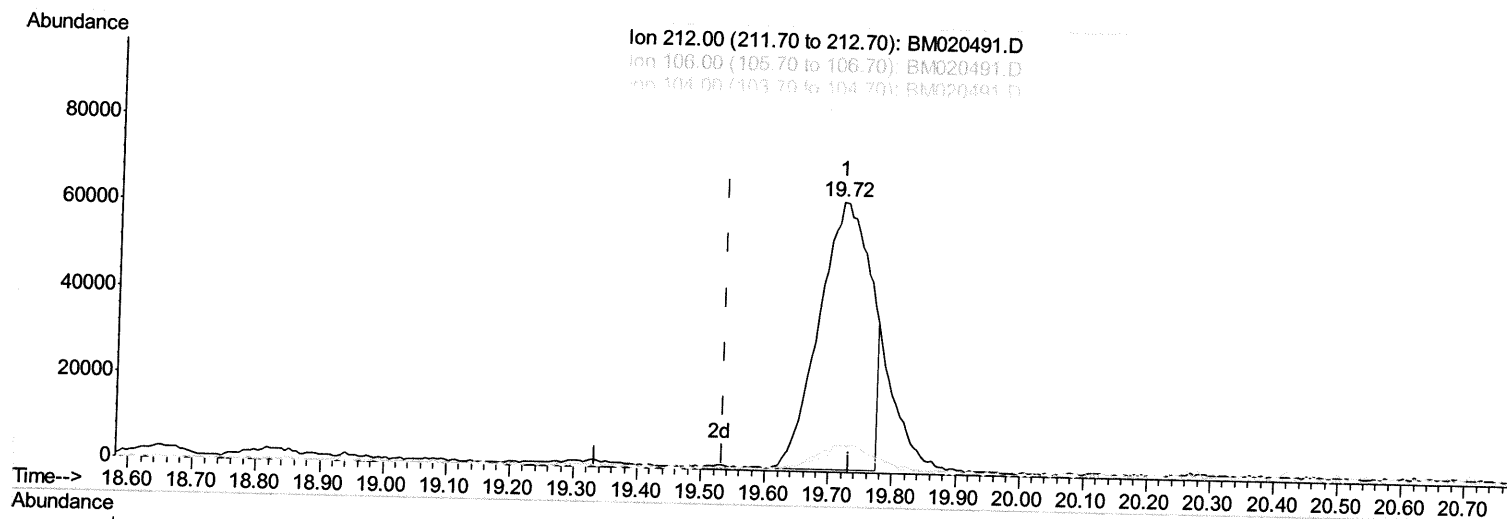
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
Data File : BM020491.D
Acq On : 22 May 2019 10:08
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A42F3

Manual Integrations
APPROVED

mohammad
5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration



(78) Pyrene-d10 (S)

19.716min (+0.183) 15.19ng/ul

response 346013

Ion	Exp%	Act%
212.00	100	100
106.00	9.50	9.99
104.00	6.70	5.96
0.00	0.00	0.00

Quantitation Report (Qedit)

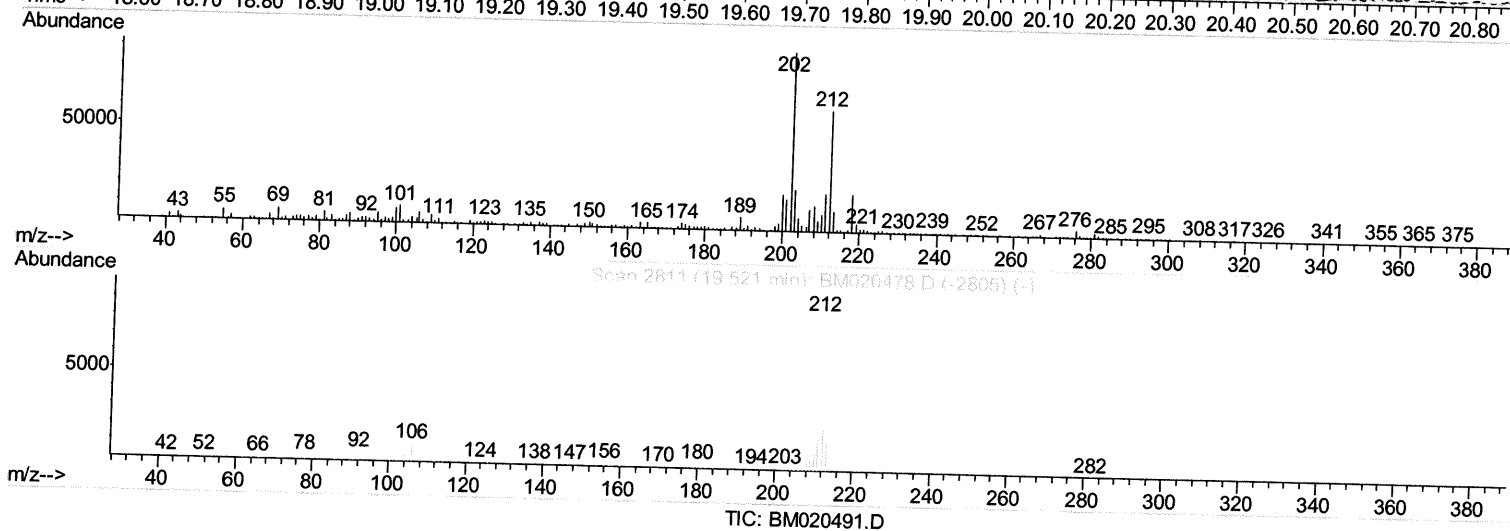
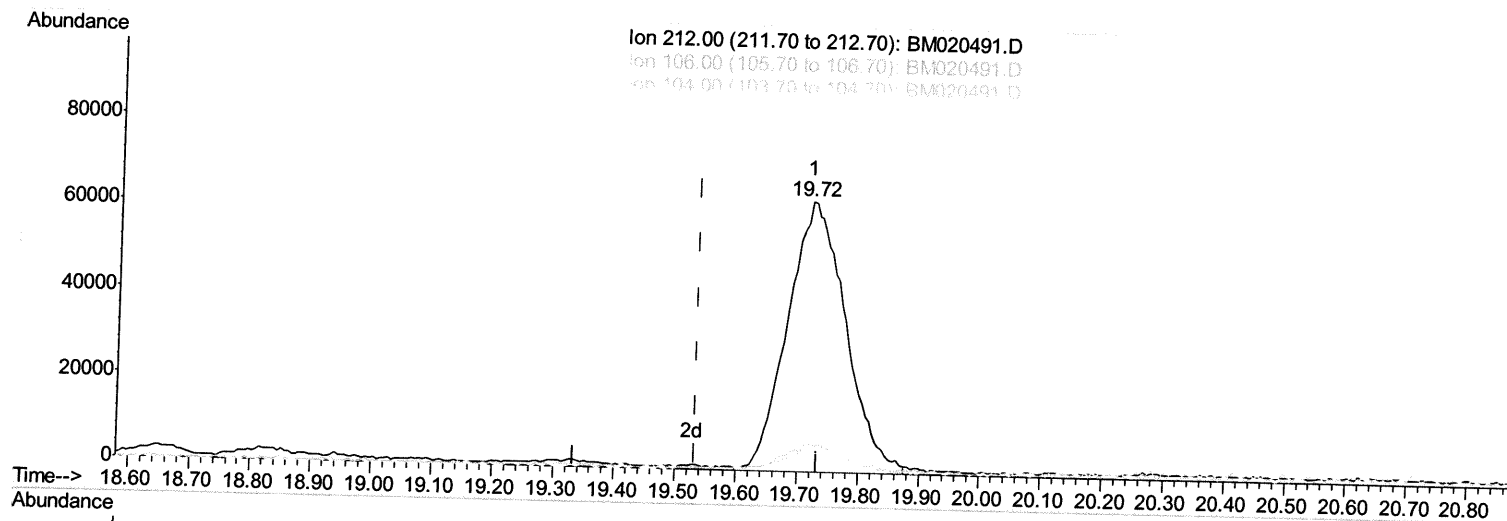
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
Data File : BM020491.D
Acq On : 22 May 2019 10:08
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A42F3

Manual Integrations
APPROVED

mohammad
5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration



(78) Pyrene-d10 (S)

19.716min (+0.183) 18.25ng/ul m

JU
05/24/19

response 415563

Ion	Exp%	Act%
212.00	100	100
106.00	9.50	9.99
104.00	6.70	5.96
0.00	0.00	0.00

Quantitation Report (Qedit)

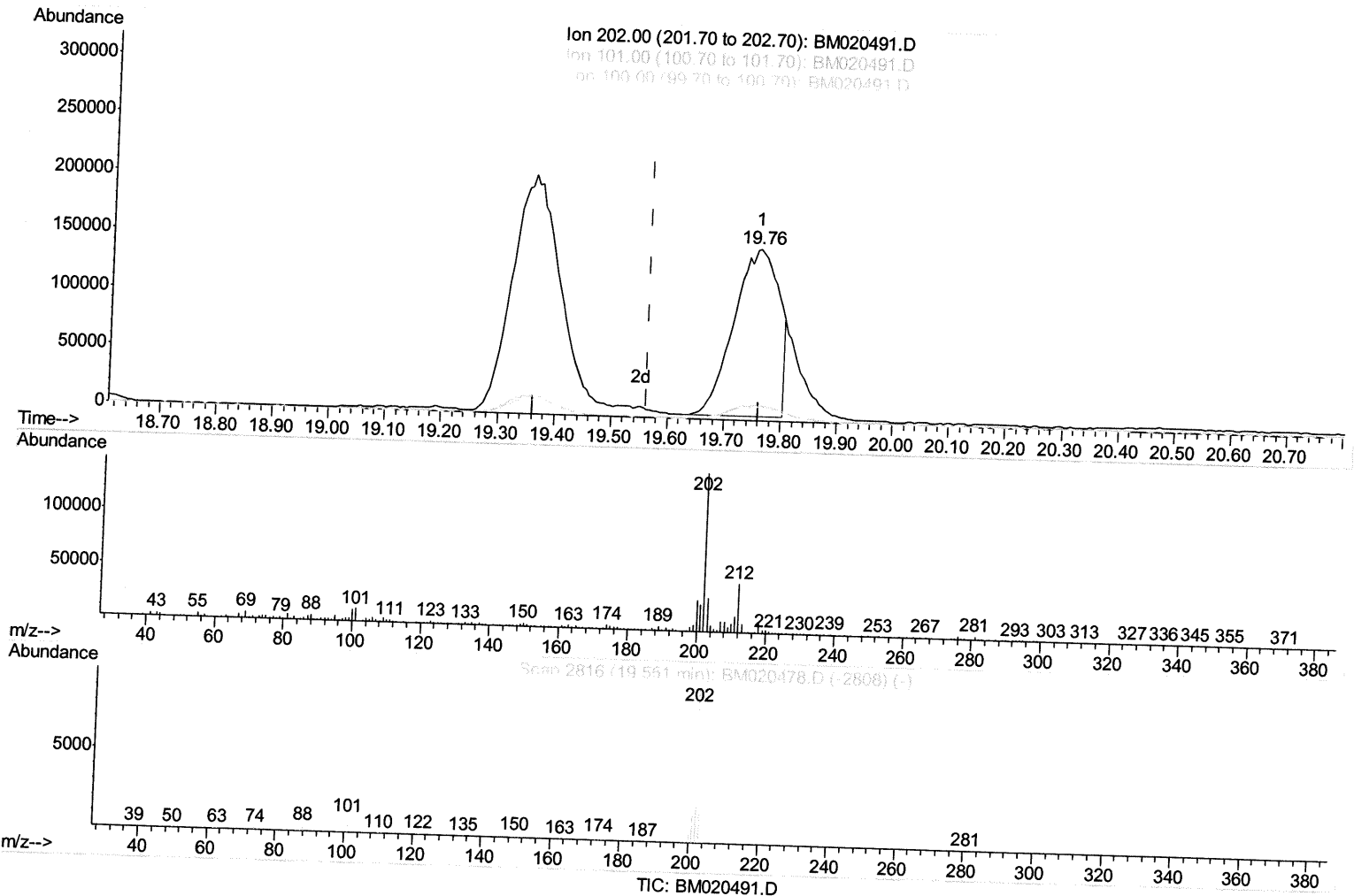
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(79) Pyrene

19.757min (+0.194) 27.93ng/ul

response 792464

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	8.28
100.00	7.40	7.90
0.00	0.00	0.00

Quantitation Report (Qedit)

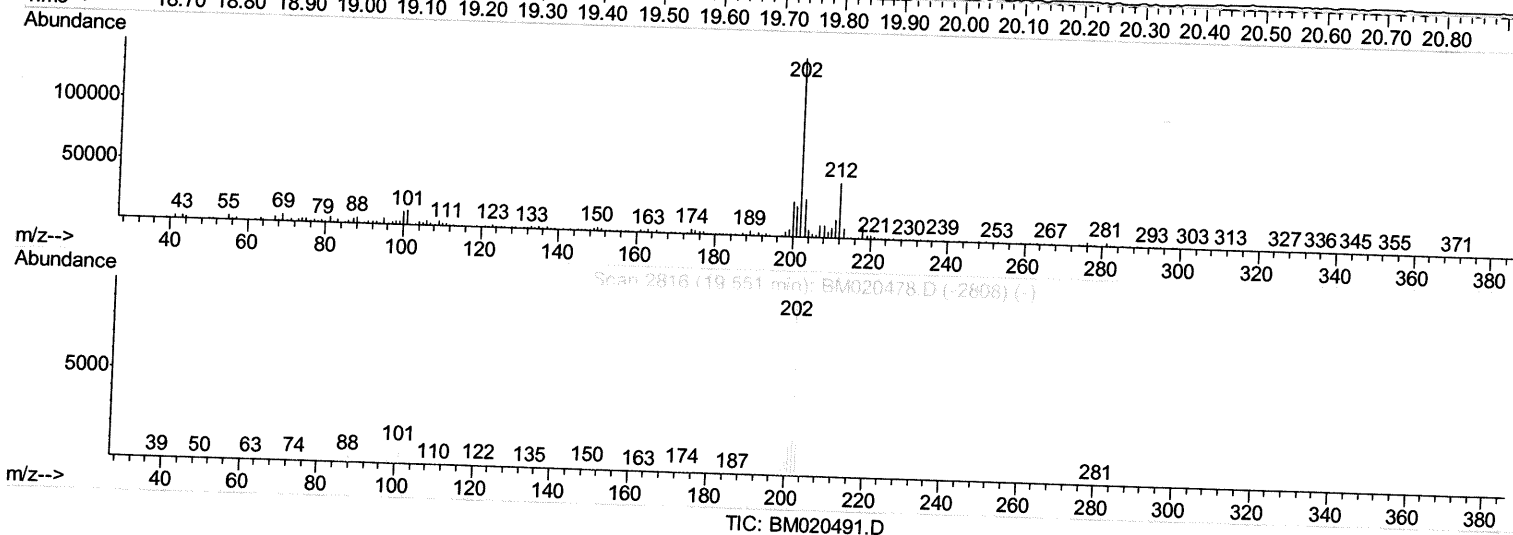
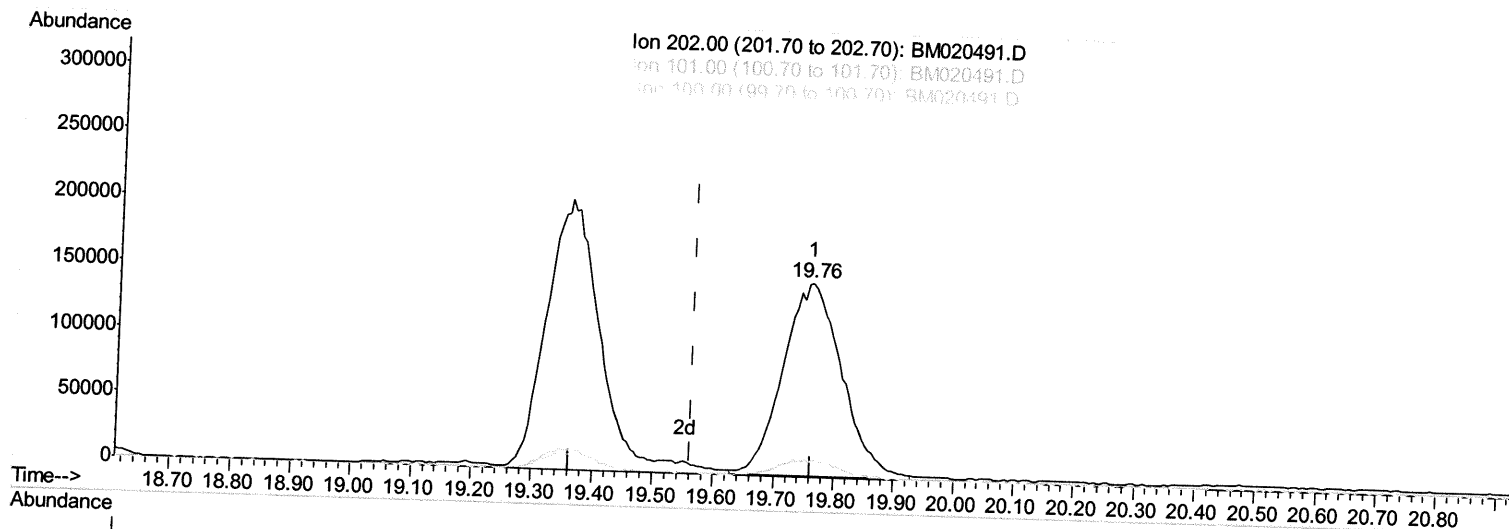
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(79) Pyrene

19.757min (+0.194) 34.81ng/ul m *JU*
05/24/19

response 987728

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	8.28
100.00	7.40	7.90
0.00	0.00	0.00

Quantitation Report (Qedit)

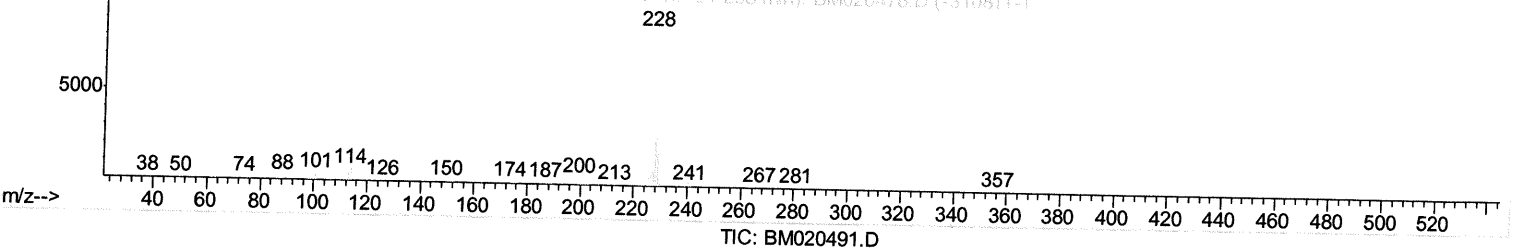
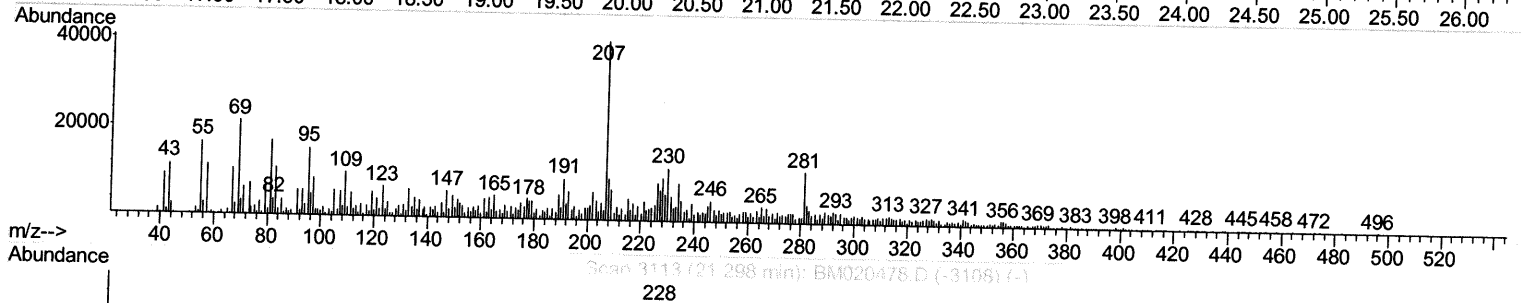
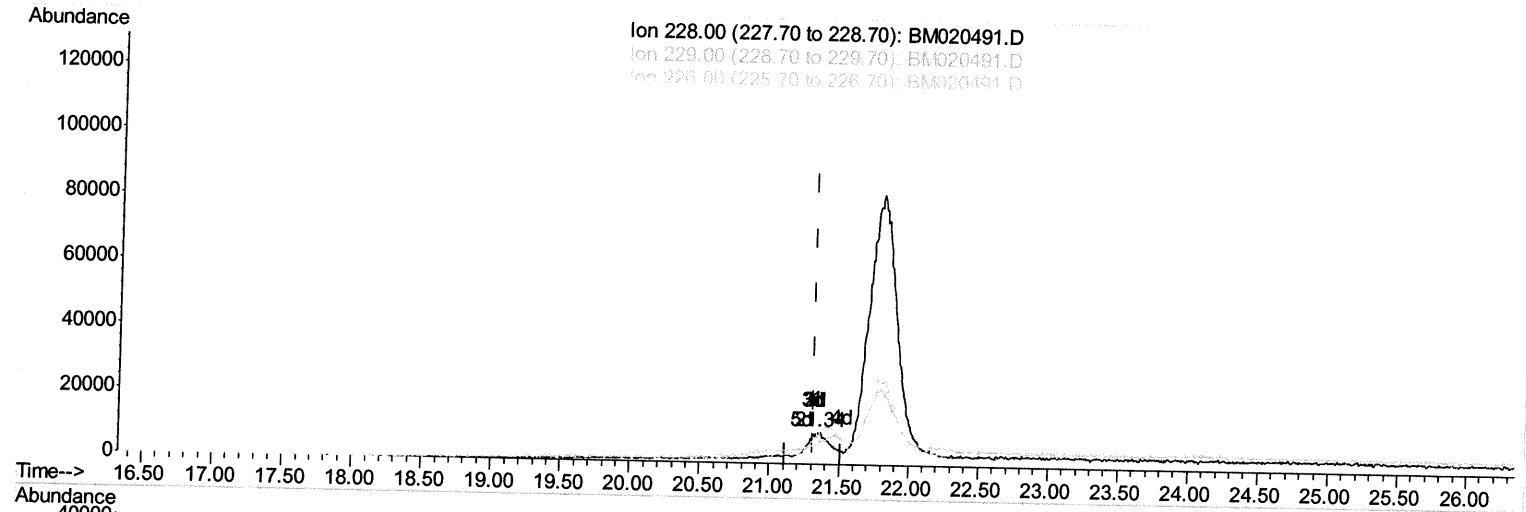
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.345min (+0.030) 0.03ng/ul

response 886

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	64.89#
226.00	25.70	88.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

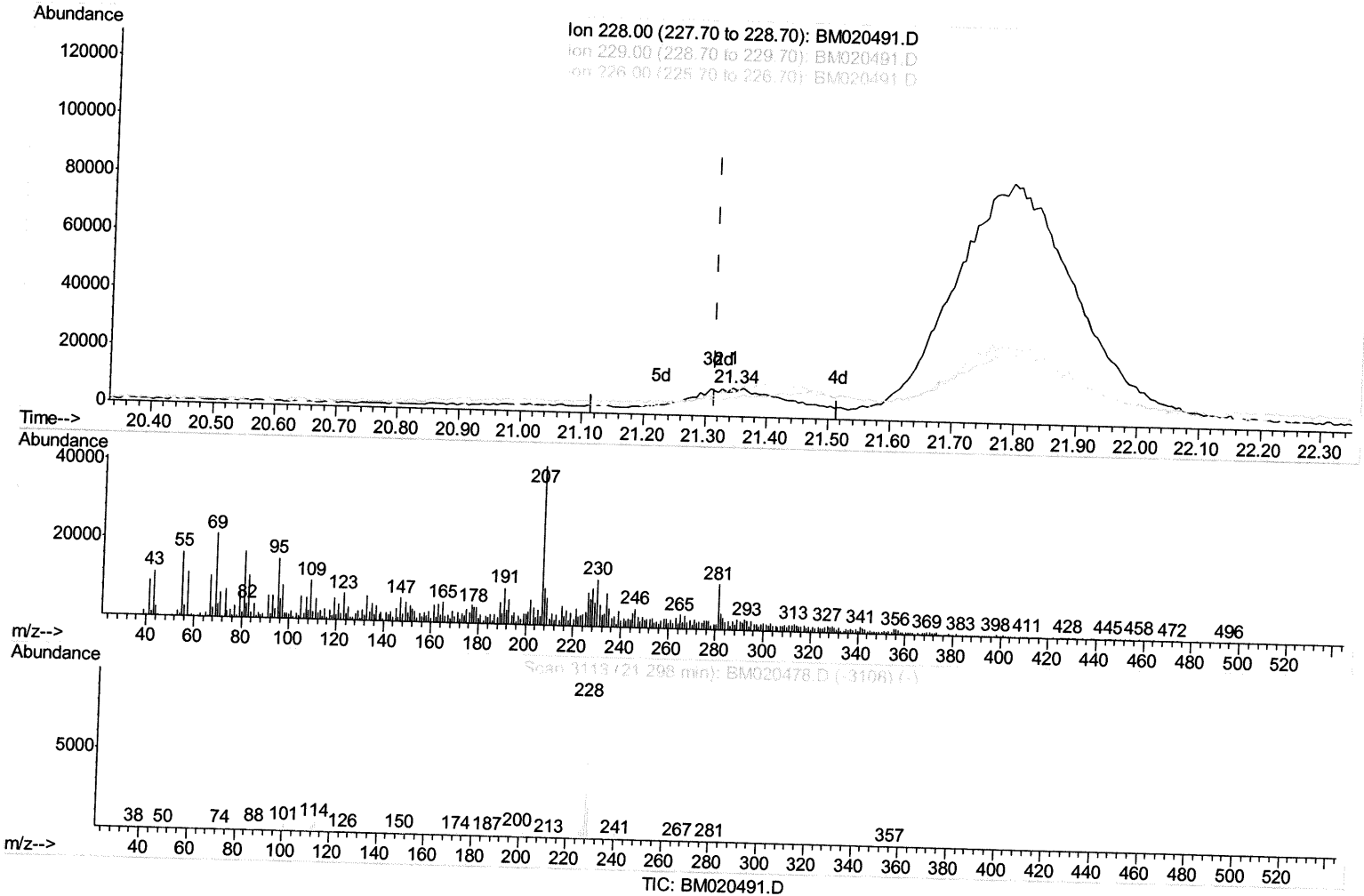
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.345min (+0.030) 0.03ng/ul

response 886

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	64.89#
226.00	25.70	88.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

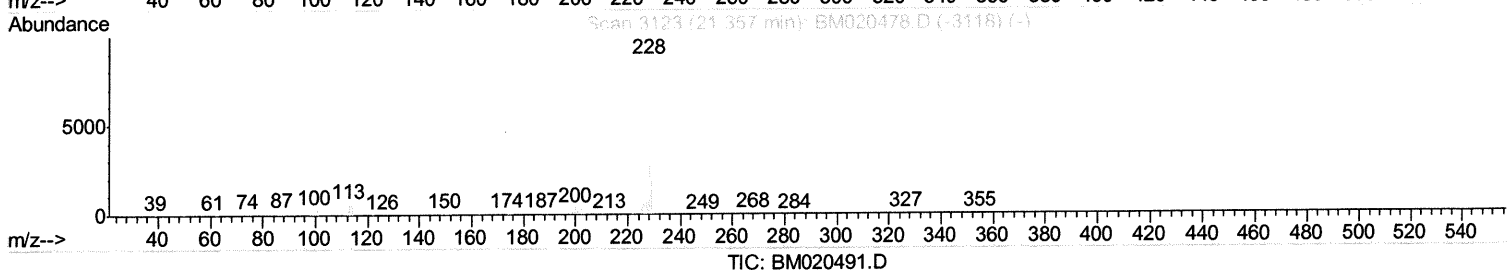
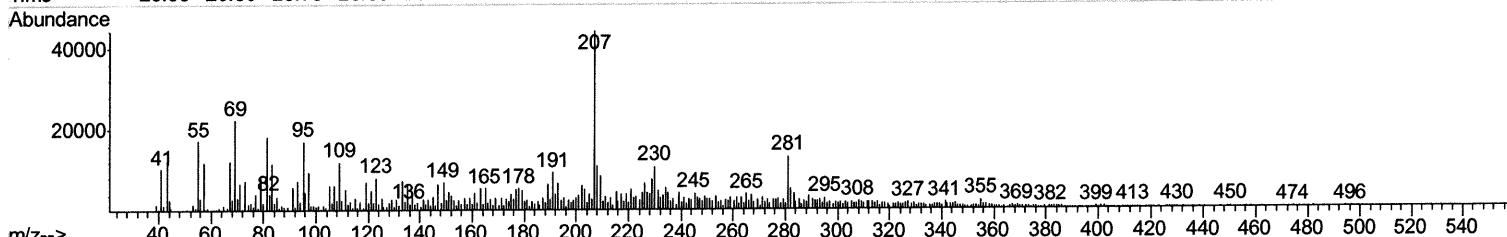
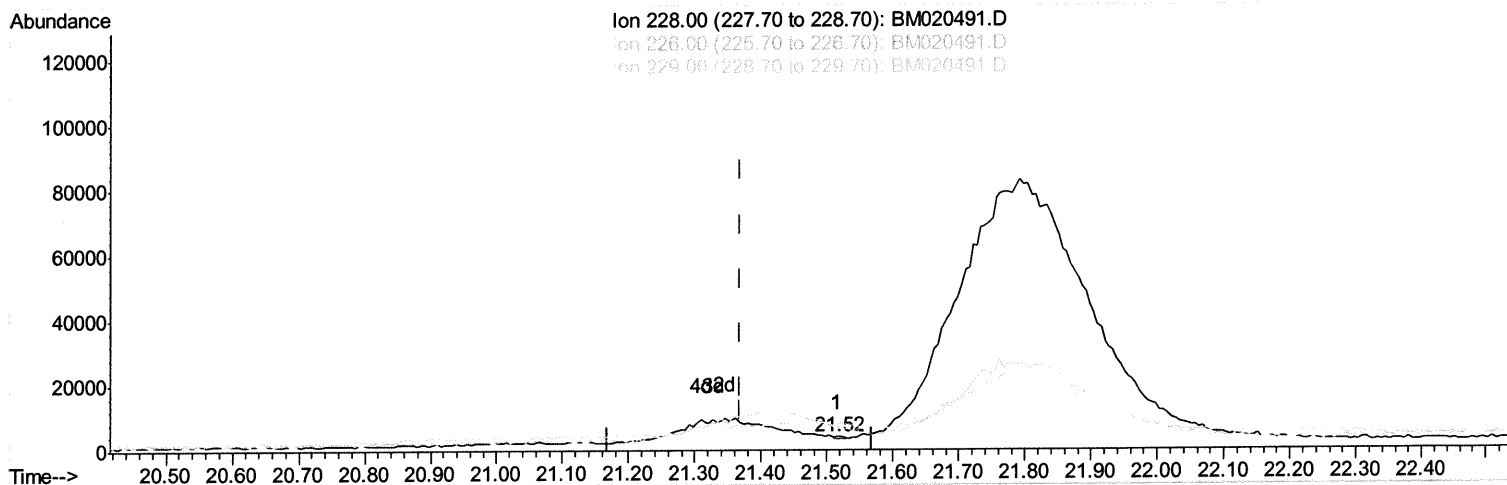
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(84) Chrysene

21.515min (+0.147) 0.02ng/ul

response 530

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	167.27#
229.00	19.30	191.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

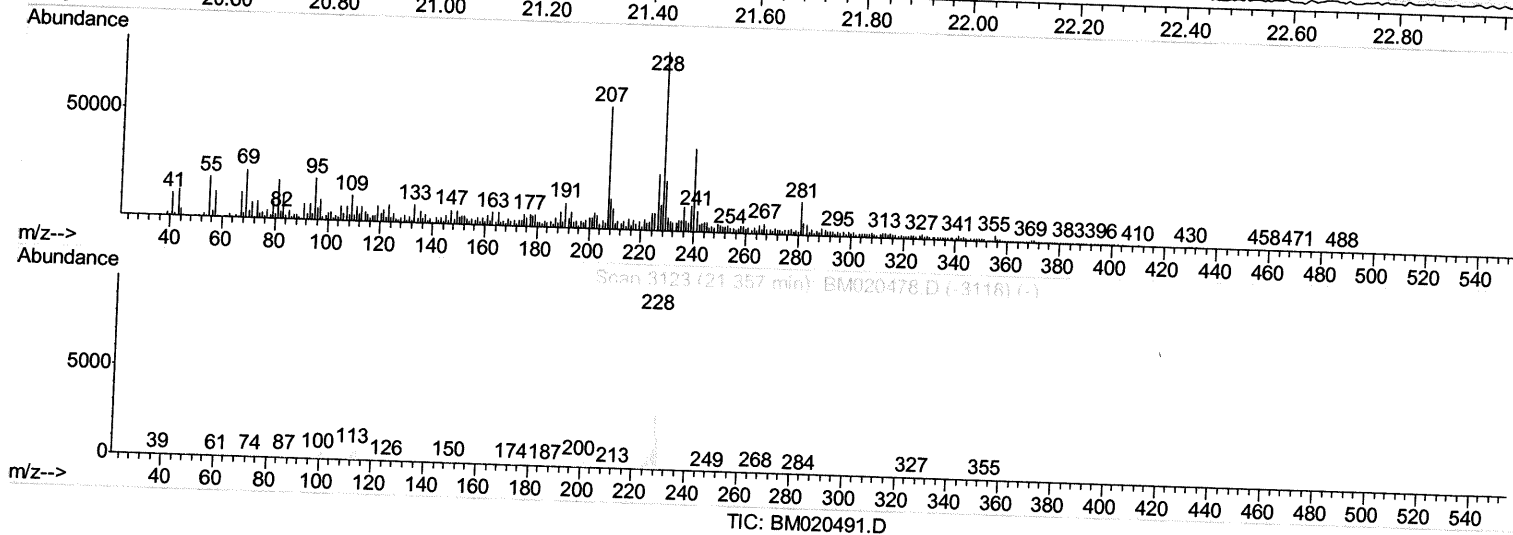
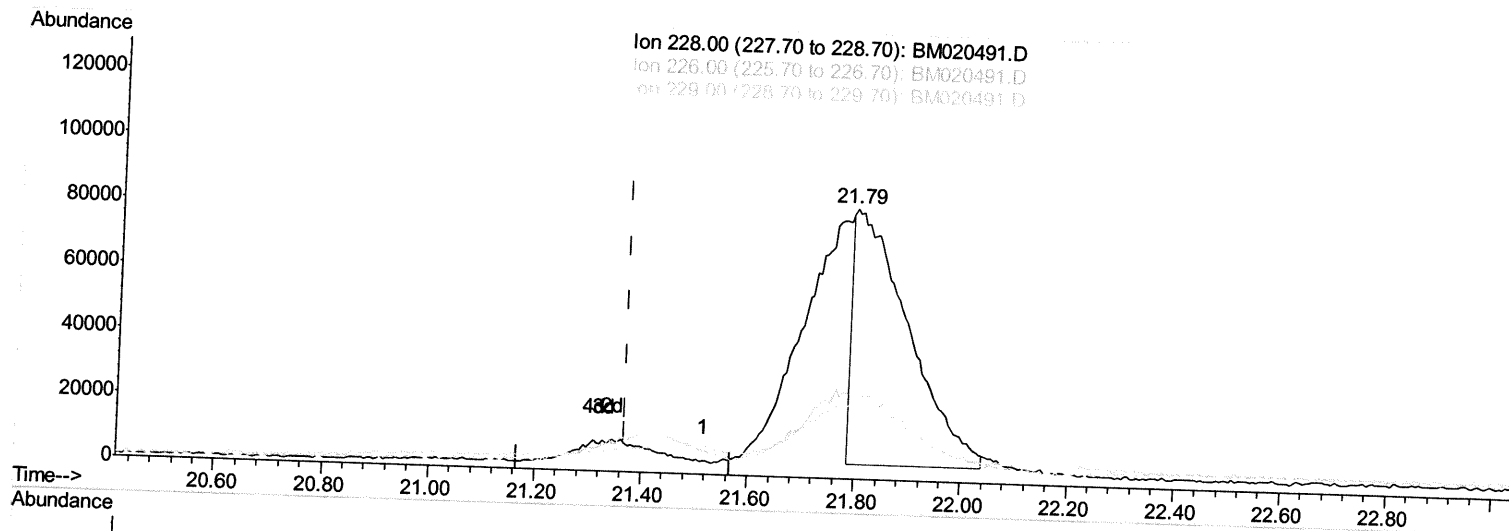
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(84) Chrysene

21.792min (+0.424) 20.41ng/ul m

JU
 05/24/19

response 554910

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	31.91
229.00	19.30	28.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

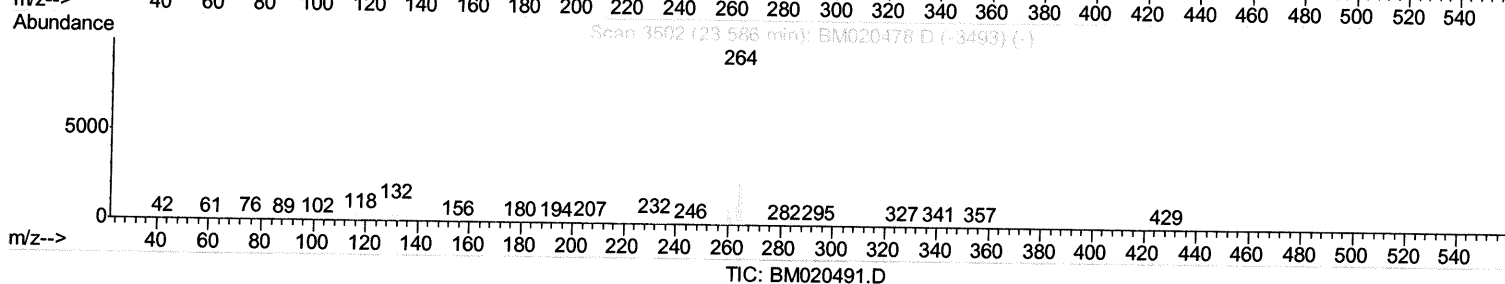
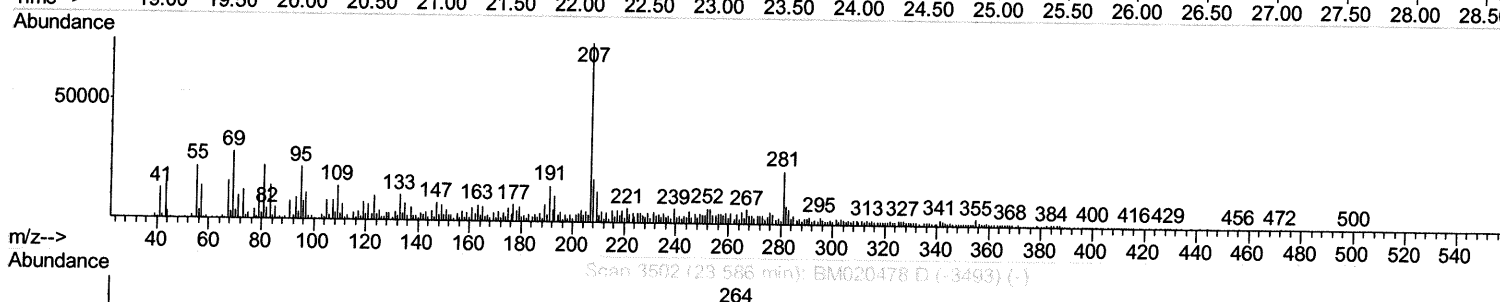
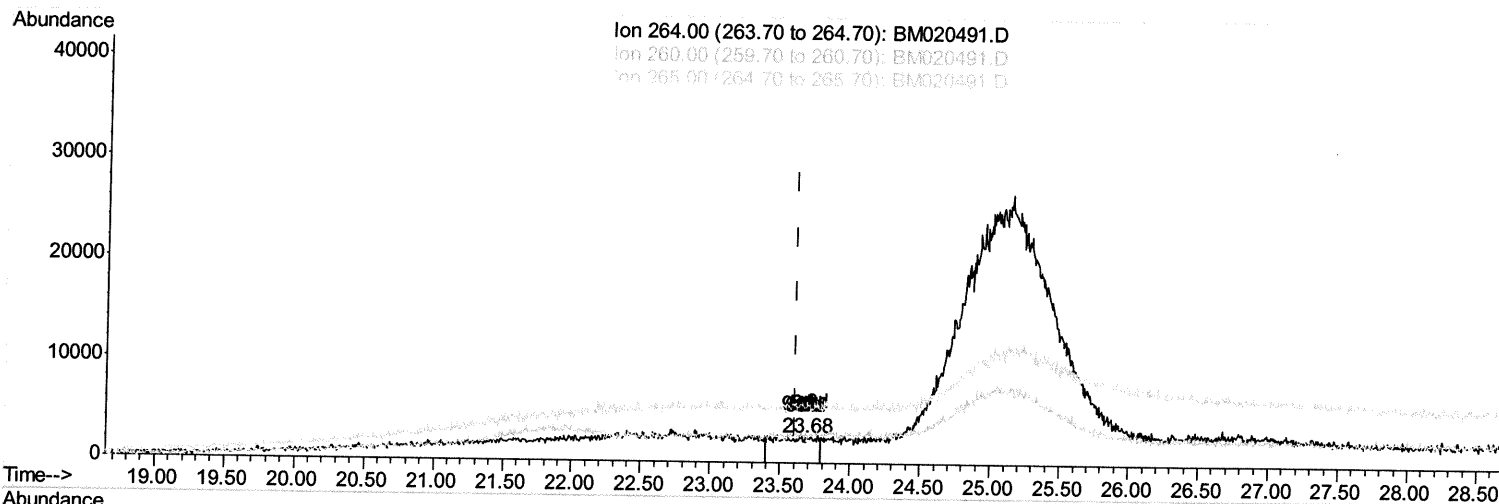
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(85) Perylene-d12 (I)

23.680min (+0.077) 20.00ng/ul

response 239

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	120.20#
265.00	21.90	216.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

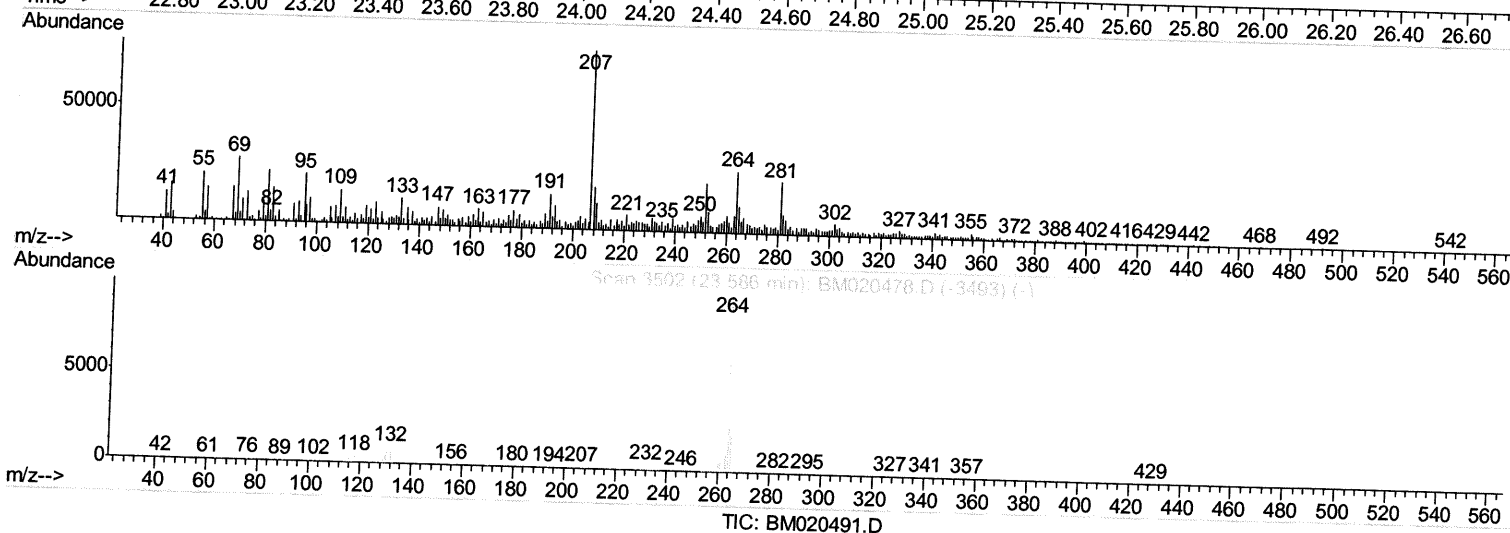
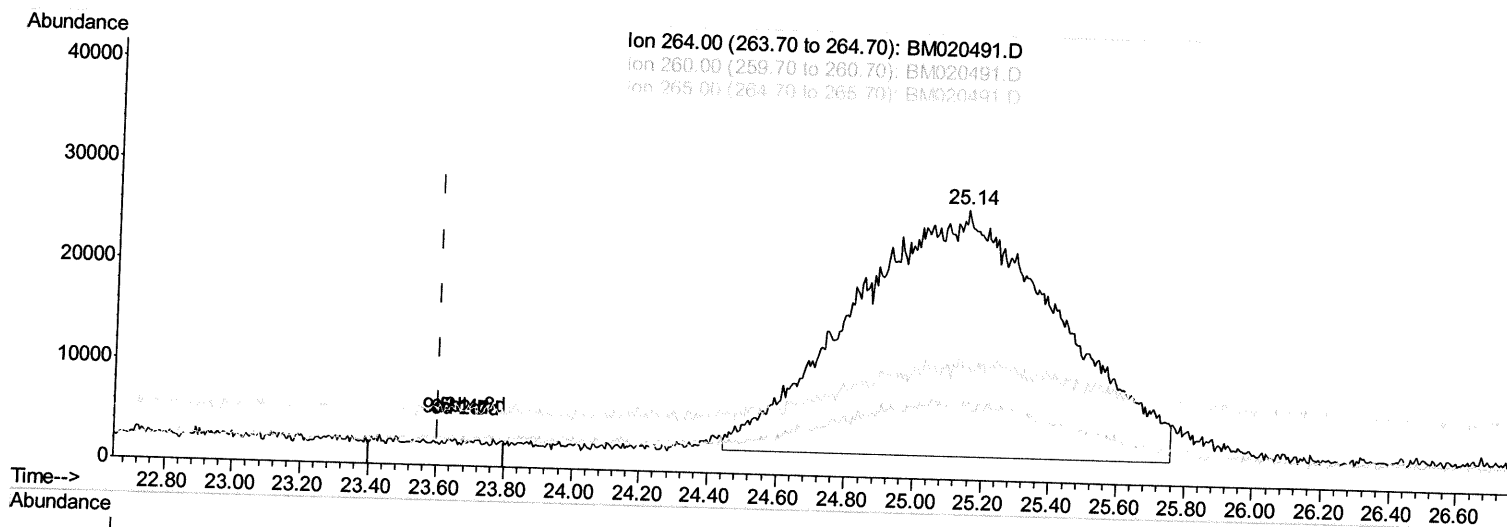
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(85) Perylene-d12 (I)

25.145min (+1.541) 20.00ng/ul m *JU 05/24/19*

response 1026542

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	29.67#
265.00	21.90	43.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

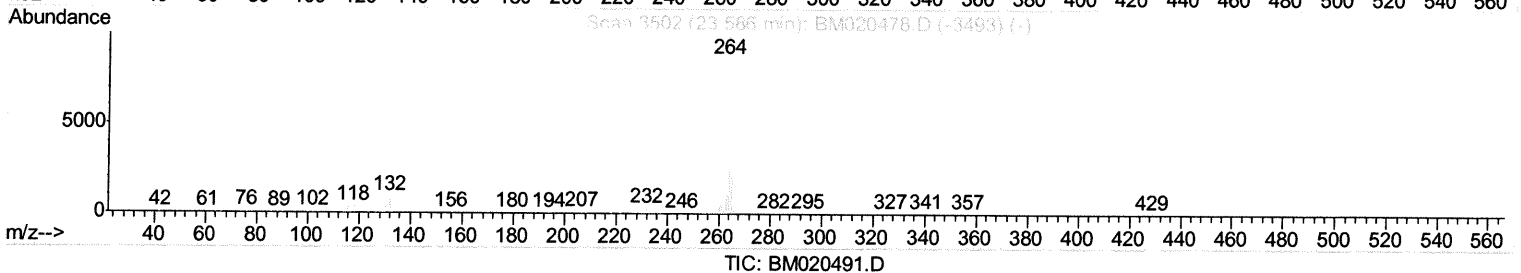
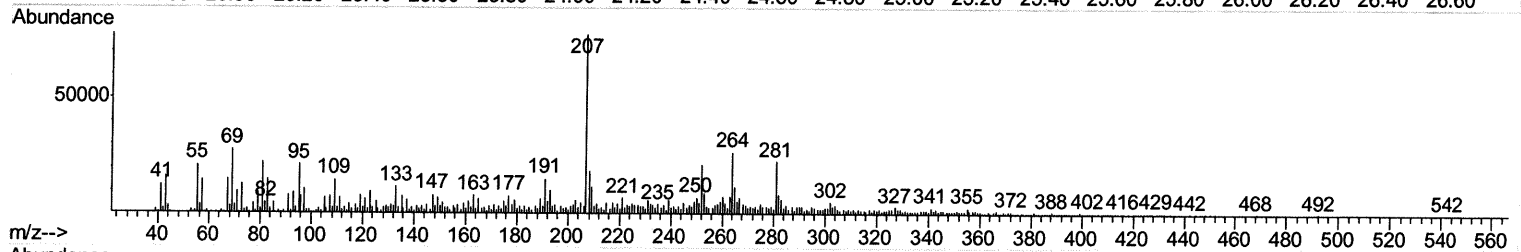
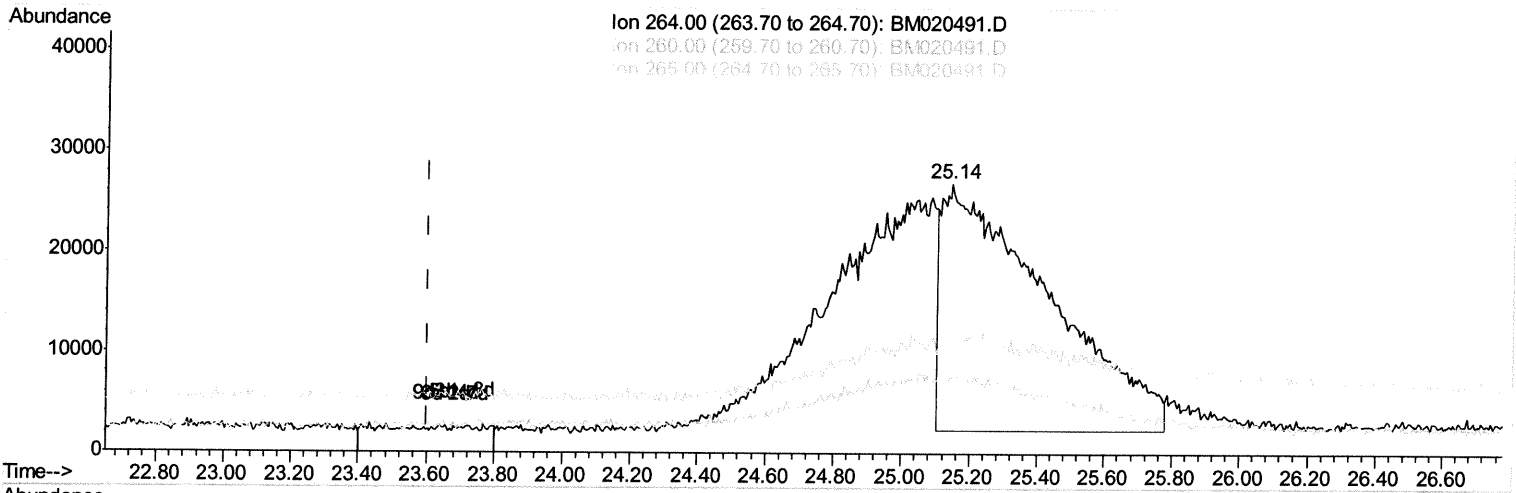
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:40:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(85) Perylene-d12 (I)

25.145min (+1.541) 20.00ng/ul m

JU
 05/21/19

response 534869

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	29.67#
265.00	21.90	43.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

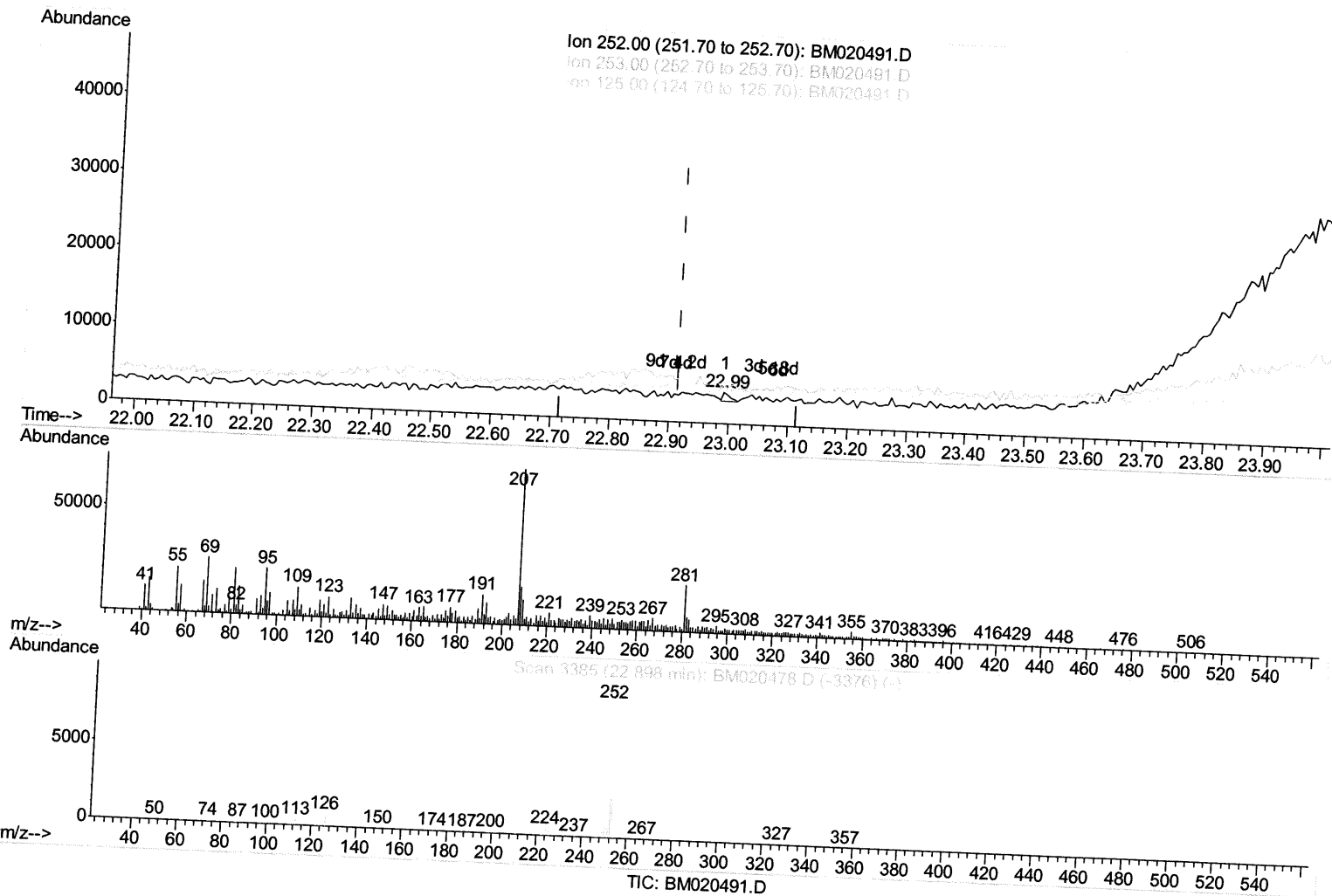
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(87) Benzo(b)fluoranthene

22.992min (+0.077) 0.03ng/ui

response 916

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	121.64#
125.00	6.20	104.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

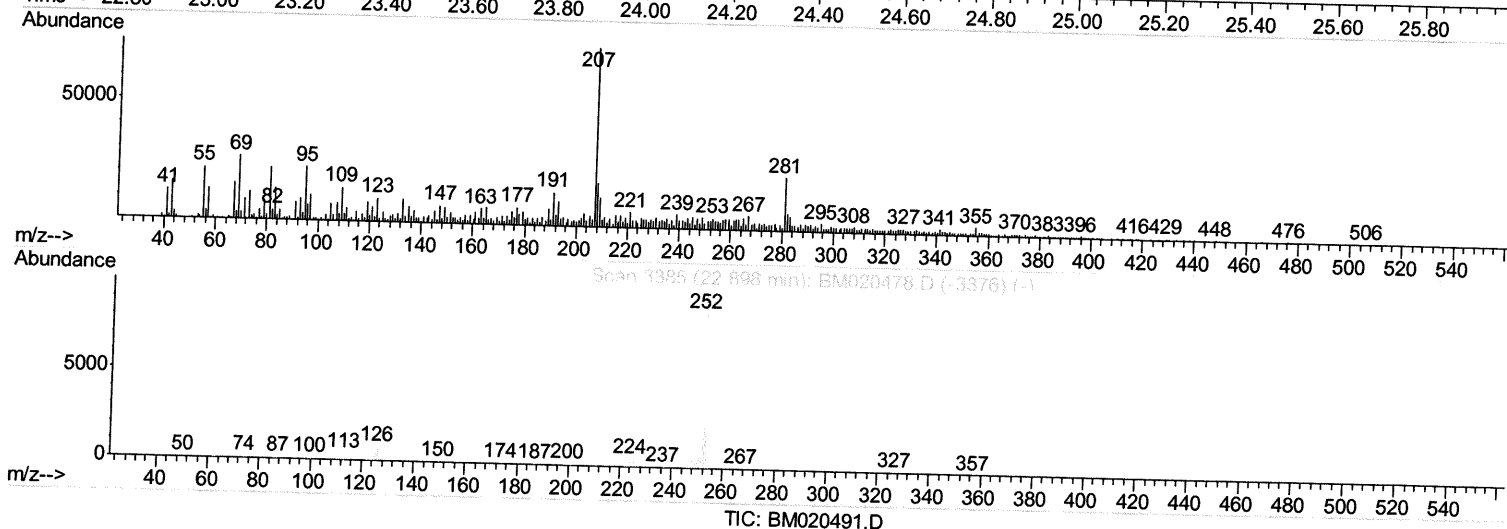
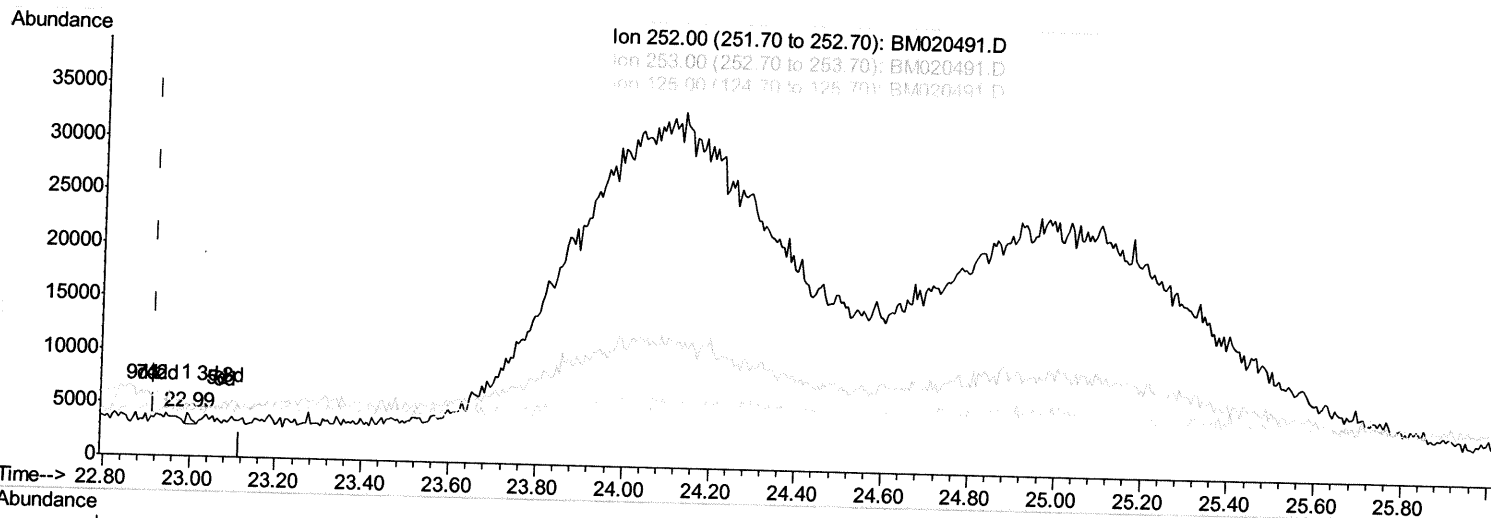
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(87) Benzo(b)fluoranthene

22.992min (+0.077) 0.03ng/ui

response 916

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	121.64#
125.00	6.20	104.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

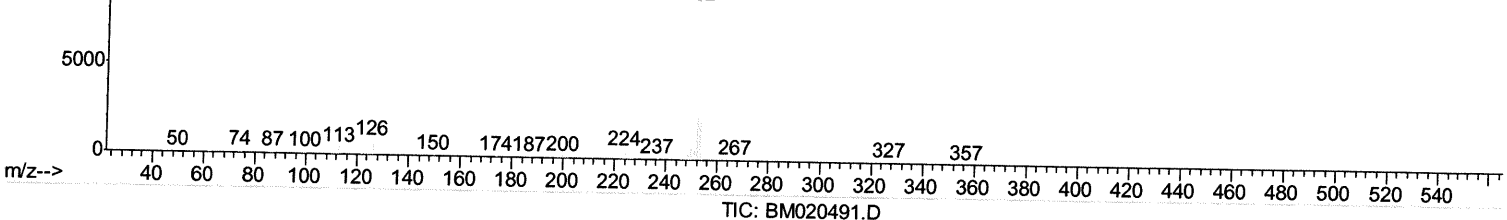
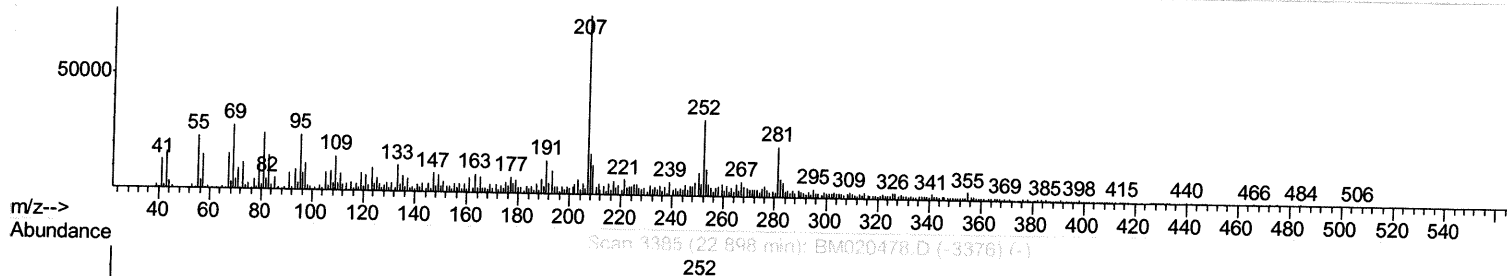
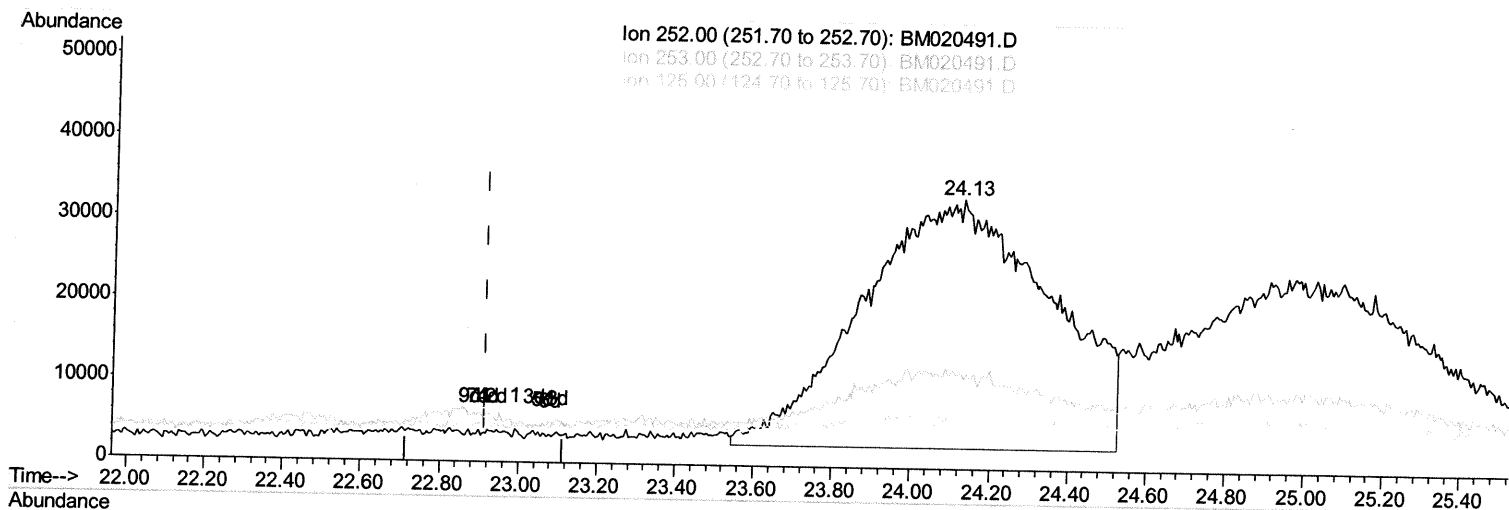
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(87) Benzo(b)fluoranthene

24.127min (+1.212) 33.53ng/ul m

JU
 05/24/19

response 1023536

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	35.25#
125.00	6.20	17.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

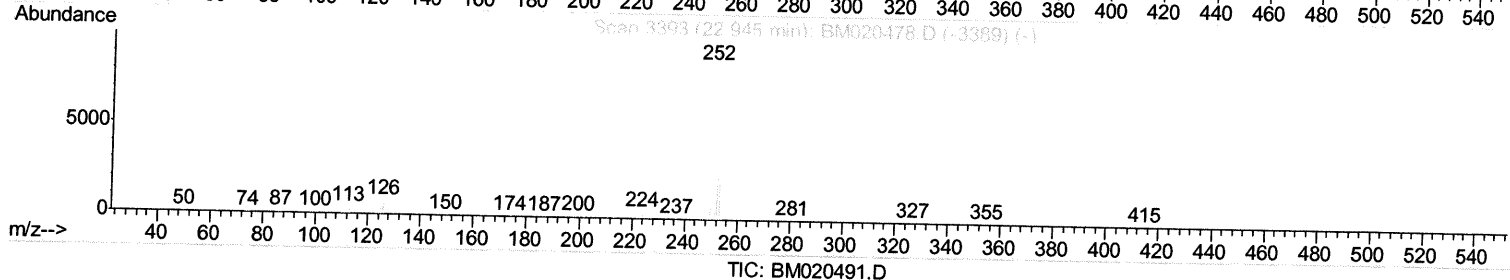
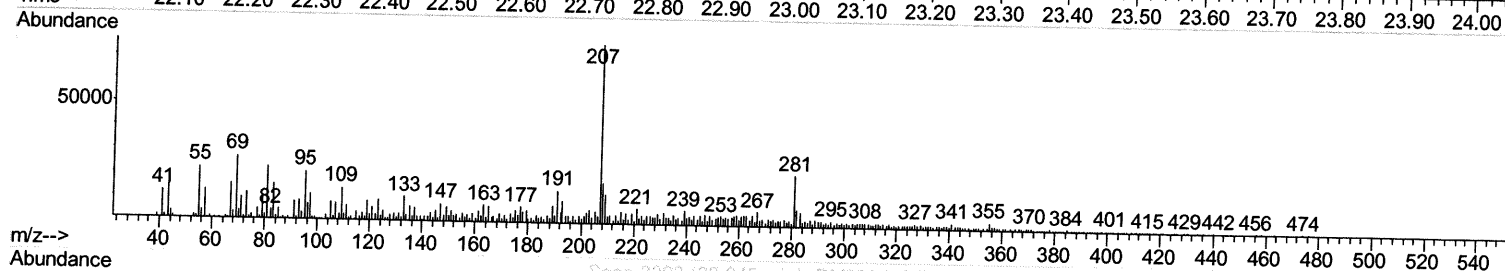
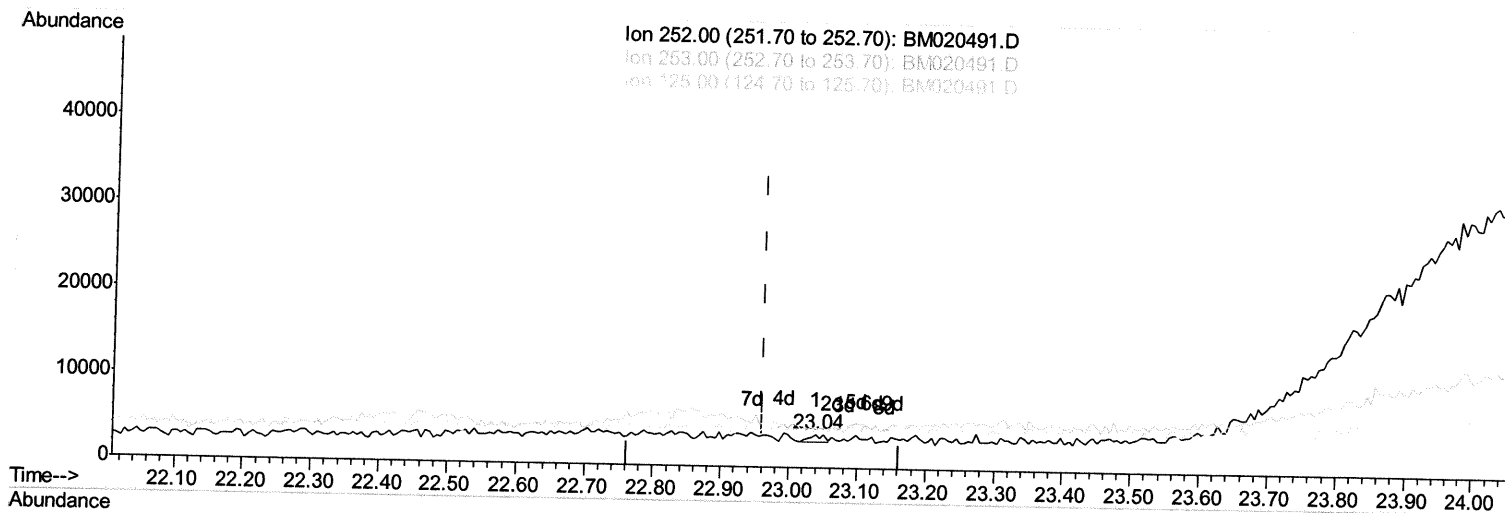
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
Data File : BM020491.D
Acq On : 22 May 2019 10:08
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A42F3

Manual Integrations
APPROVED

mohammad
5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

23.039min (+0.077) 0.05ng/ul

response 1424

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	113.28#
125.00	6.30	117.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

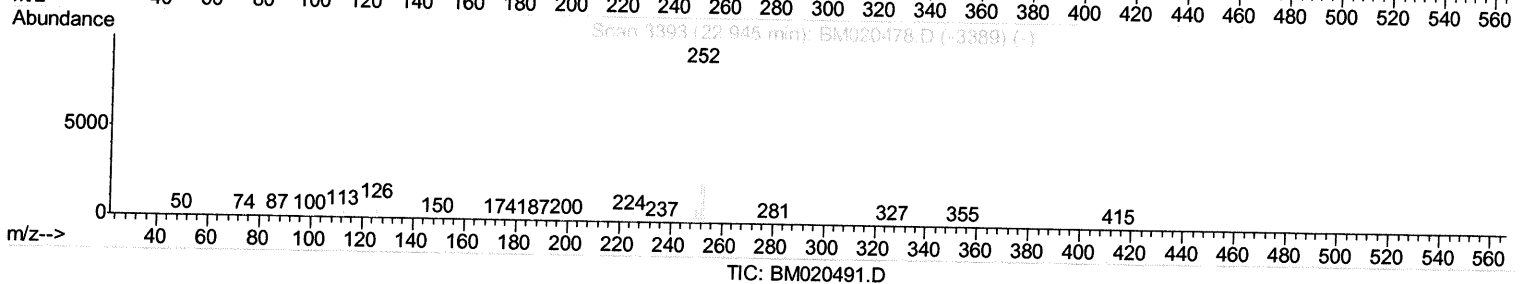
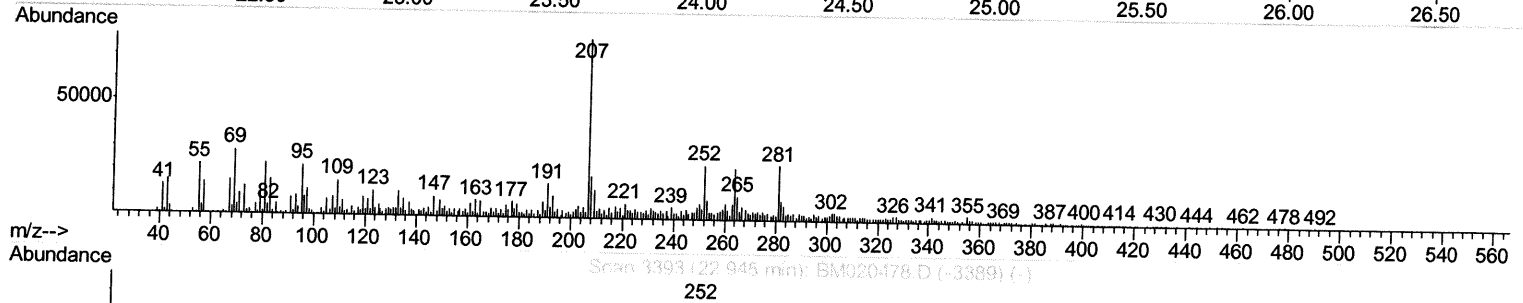
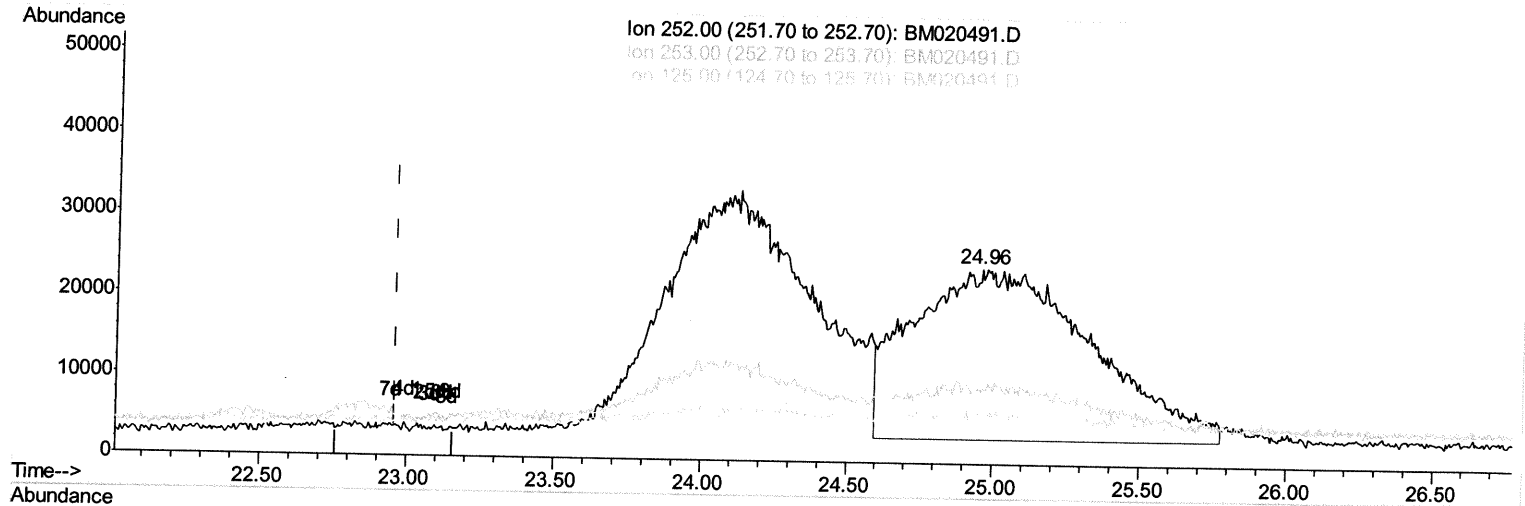
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

24.956min (+1.994) 29.98ng/ul m *JU 05/24/19*

response 898912

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	36.11#
125.00	6.30	22.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

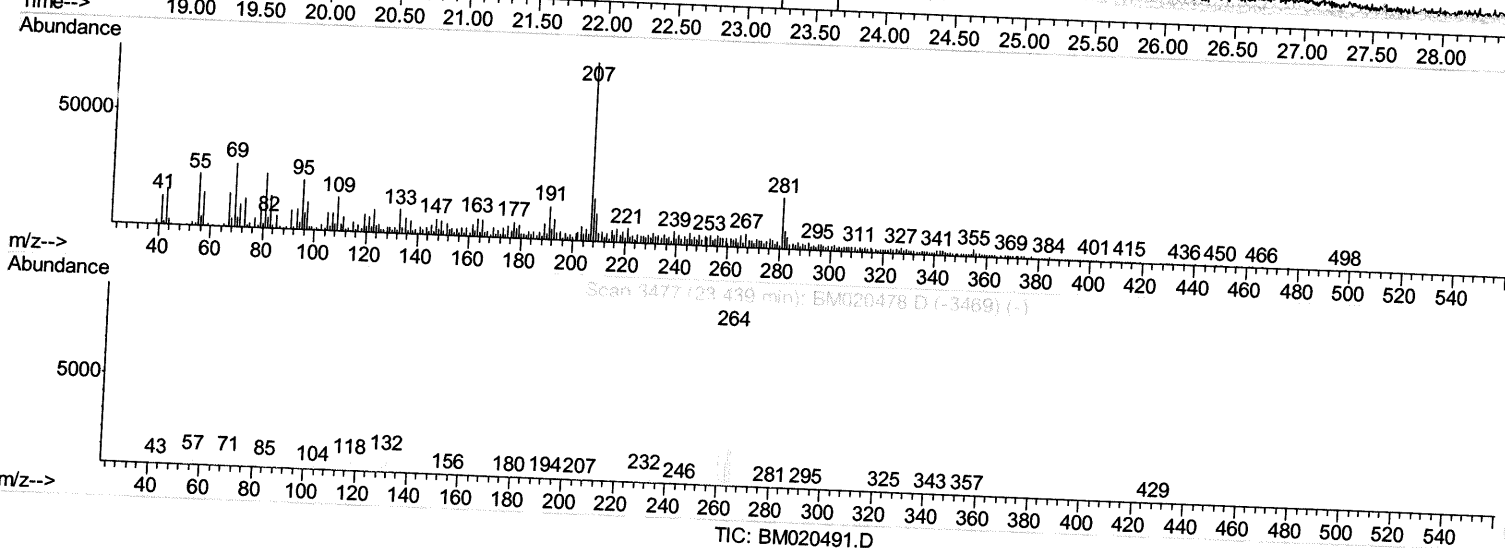
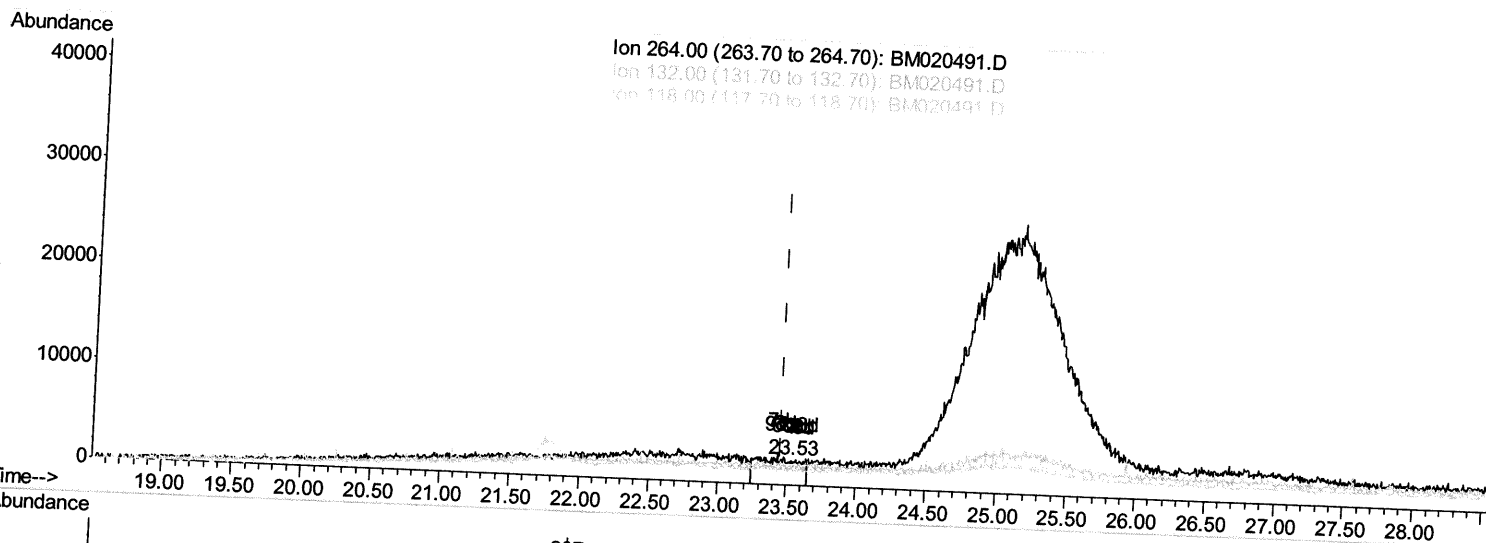
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



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

23.527min (+0.071) 0.02ng/ul

response 431

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	81.37#
118.00	6.70	67.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

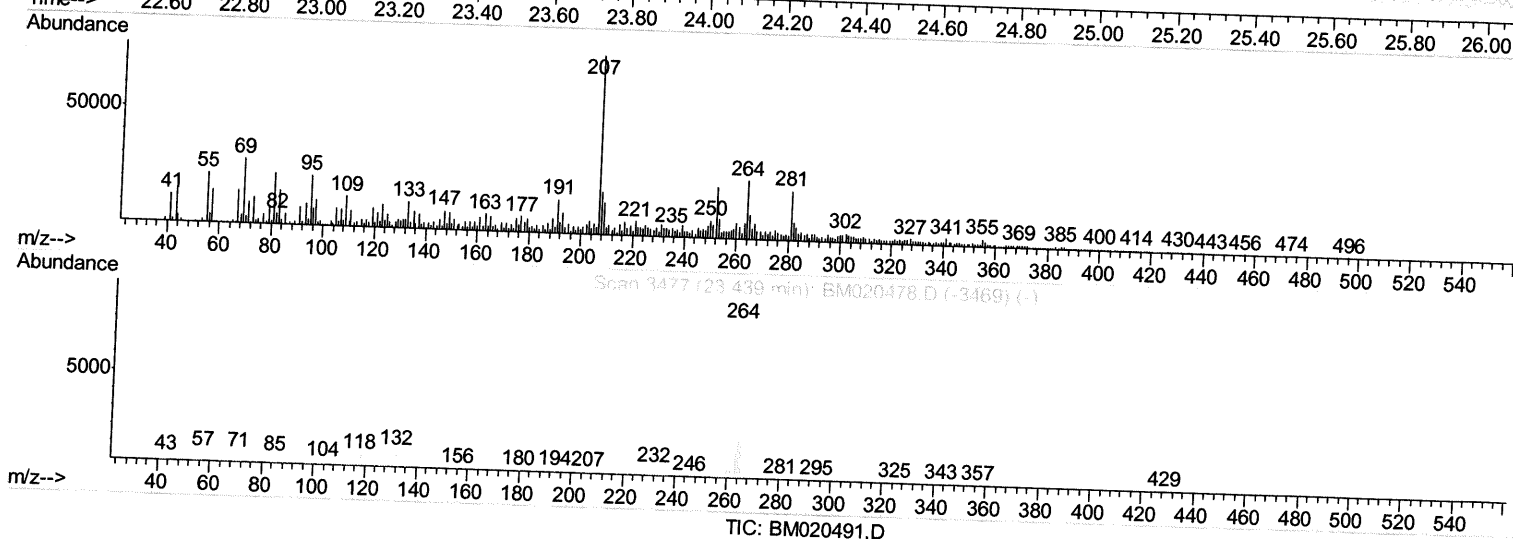
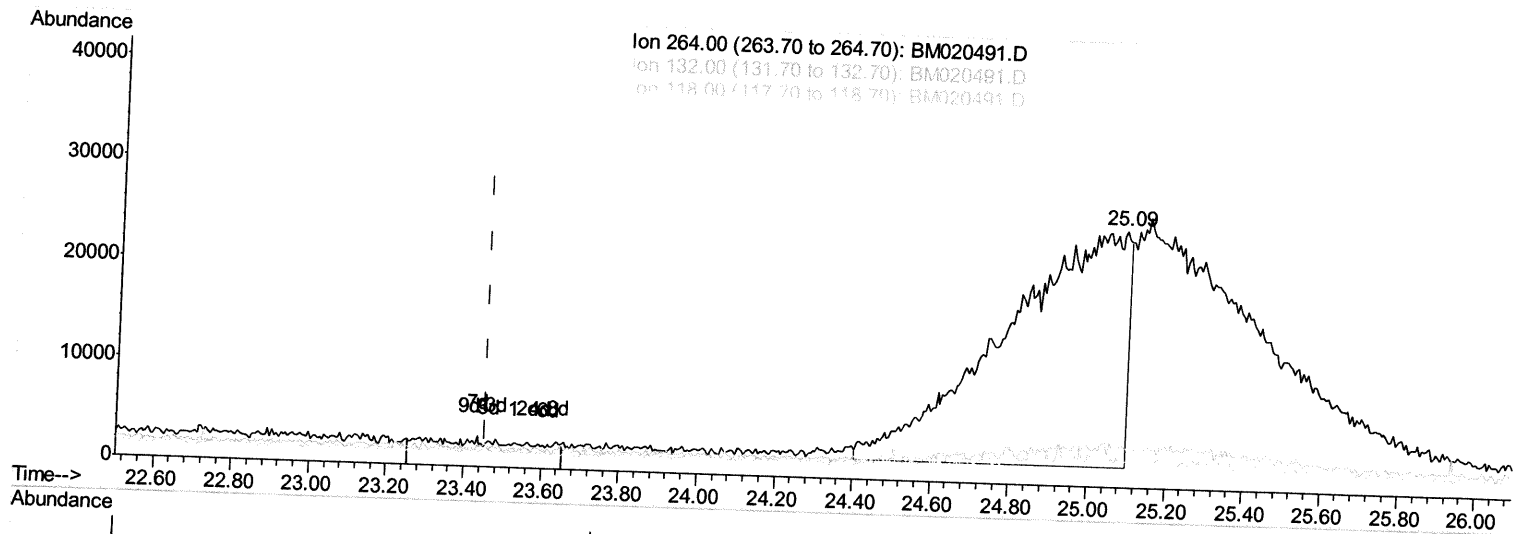
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



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

25.086min (+1.630) 20.81ng/ul m

response 505754

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	15.85#
118.00	6.70	10.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

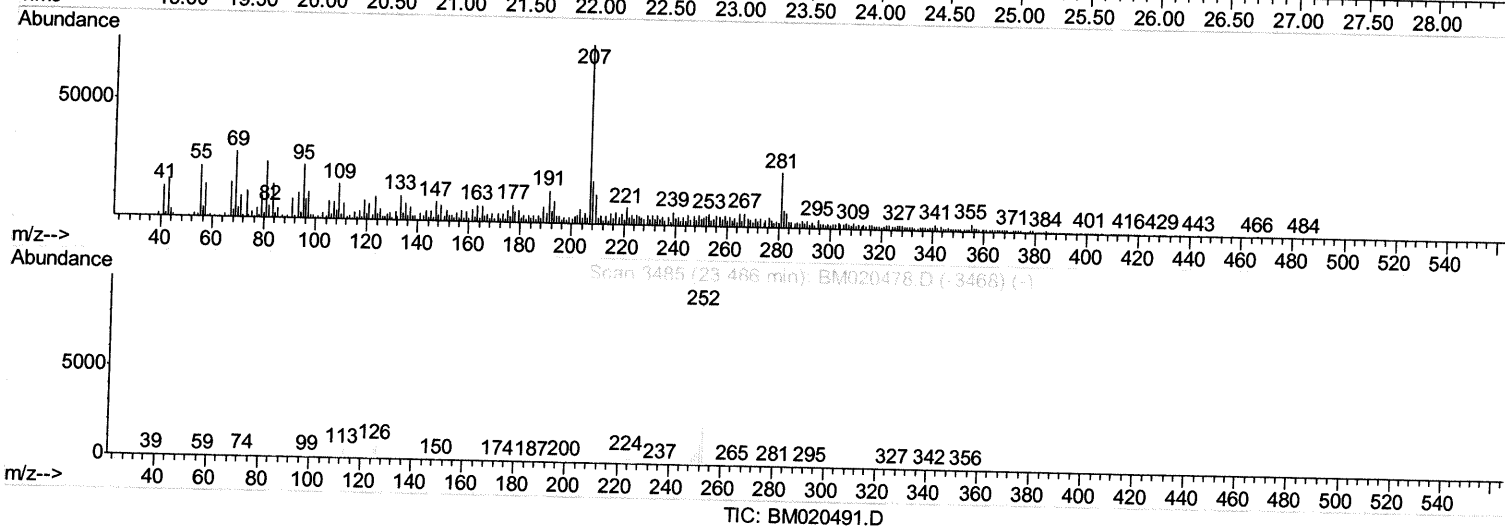
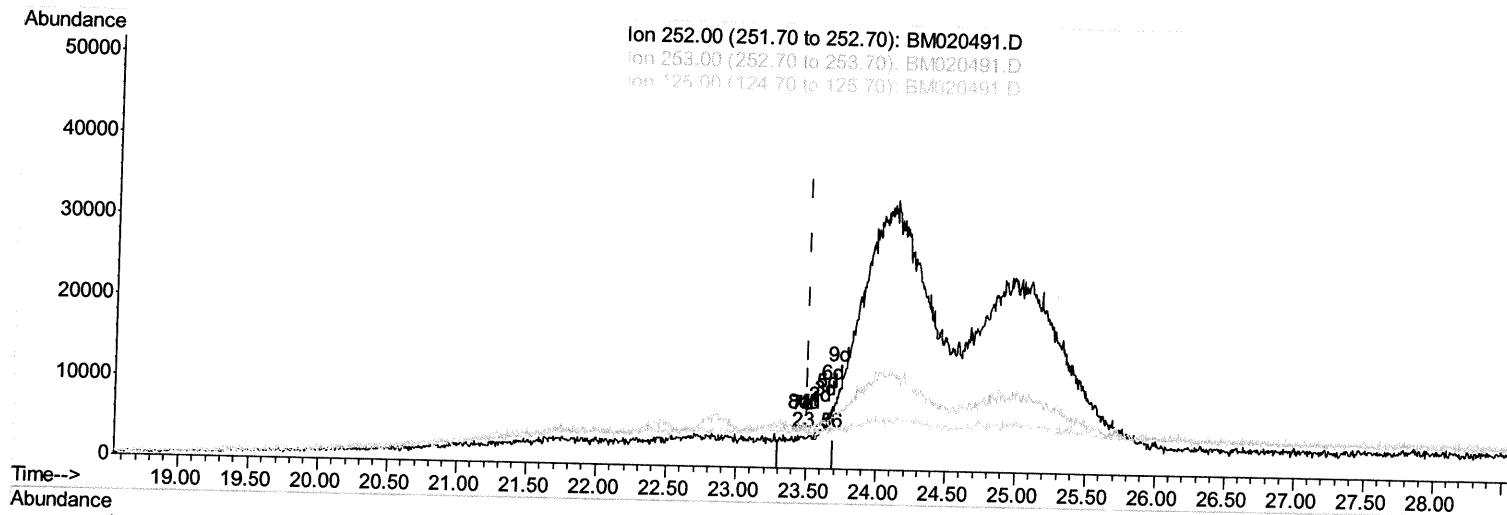
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
Data File : BM020491.D
Acq On : 22 May 2019 10:08
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A42F3

Manual Integrations
APPROVED

mohammad
5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.562min (+0.059) 0.03ng/ul

response 869

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	124.76#
125.00	6.80	114.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

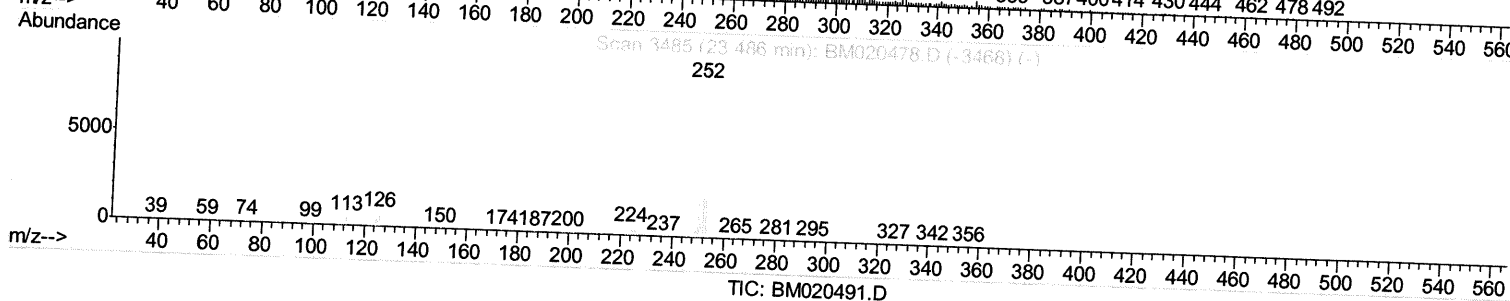
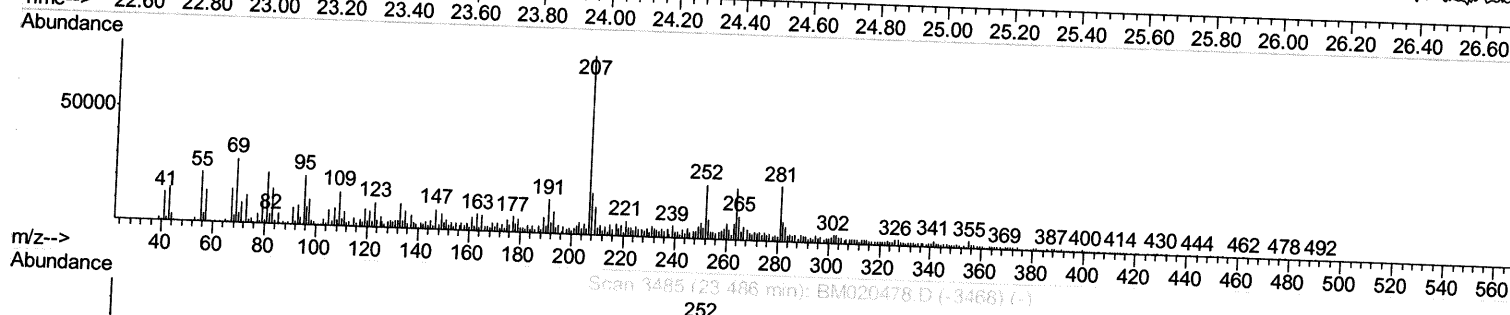
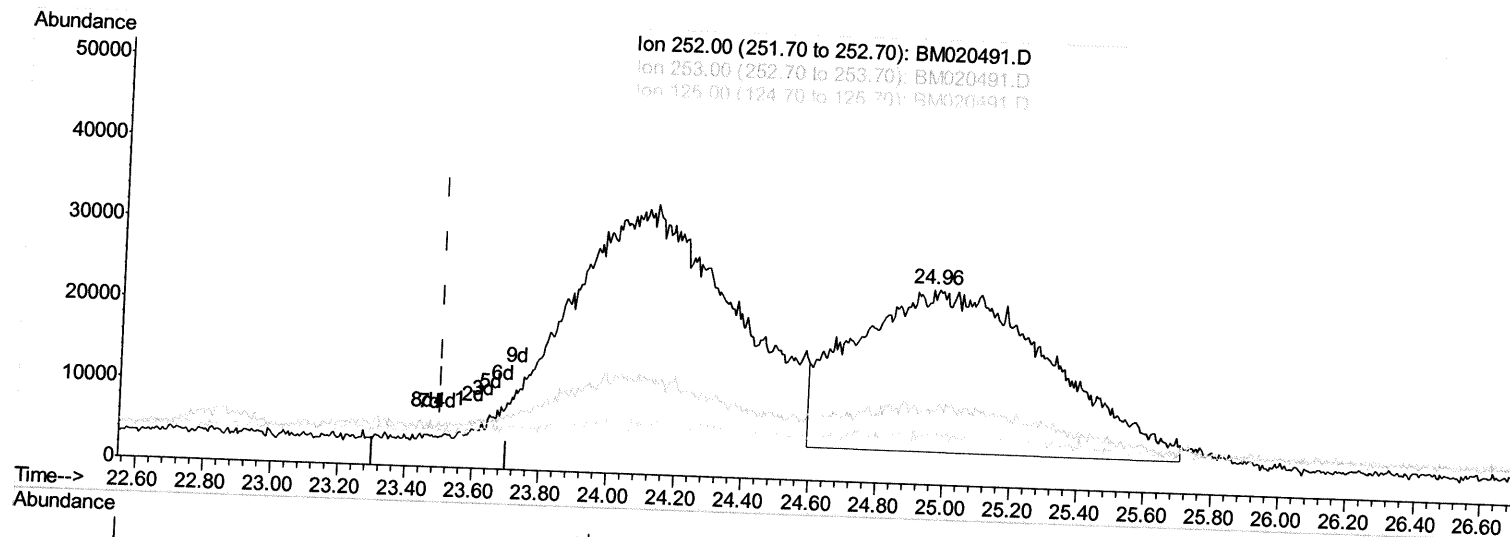
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

24.956min (+1.453) 28.52ng/ul m

JU
 05/24/19

response 819383

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	36.11#
125.00	6.80	22.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:45:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	73678	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	270799	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	165280	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.19	188	402955	20.00	ng/ul	0.05
77) Chrysene-d12	21.80	240	472760m	20.00	ng/ul	0.47
85) Perylene-d12	25.14	264	534869m	20.00	ng/ul	1.54

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5486	2.75	ng/uL	0.00
5) Phenol-d5	6.91	99	81585	13.88	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.07	67	51058	13.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	66220	15.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	62178	14.53	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	29613	16.81	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	33724	17.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	71354	17.37	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	23311m	5.49	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	222570	18.72	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	274878	18.48	ng/ul	0.01
51) 4-Nitrophenol-d4	14.89	143	14634m	8.48	ng/ul	0.29
57) Fluorene-d10	15.39	176	203198	19.21	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.66	200	3441m	1.50	ng/ul	0.14
70) Anthracene-d10	17.29	188	337284	19.51	ng/ul	0.06
78) Pyrene-d10	19.72	212	415563m	18.25	ng/ul	0.18
89) Benzo(a)pyrene-d12	25.09	264	505754m	20.81	ng/ul	1.63

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.84	163	79774	6.781	ng/ul#	99
47) Acenaphthylene	14.11	152	58467	4.168	ng/ul	99
53) Dibenzofuran	14.79	168	25063	1.716	ng/ul	100
58) Fluorene	15.45	166	37241	3.184	ng/ul	99
69) Phenanthrene	17.23	178	803288	41.838	ng/ul	99
71) Anthracene	17.33	178	151574	7.761	ng/ul	99
74) Carbazole	17.67	167	51469m	3.105	ng/ul	
76) Fluoranthene	19.36	202	1208279m	49.819	ng/ul	
79) Pyrene	19.76	202	987728m	34.809	ng/ul	
82) Benzo(a)anthracene	21.79	228	497679m	17.490	ng/ul	
84) Chrysene	21.79	228	554910m	20.407	ng/ul	
87) Benzo(b)fluoranthene	24.13	252	1023536m	33.530	ng/ul	
88) Benzo(k)fluoranthene	24.96	252	898912m	29.980	ng/ul	
90) Benzo(a)pyrene	24.96	252	819383m	28.522	ng/ul	

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