

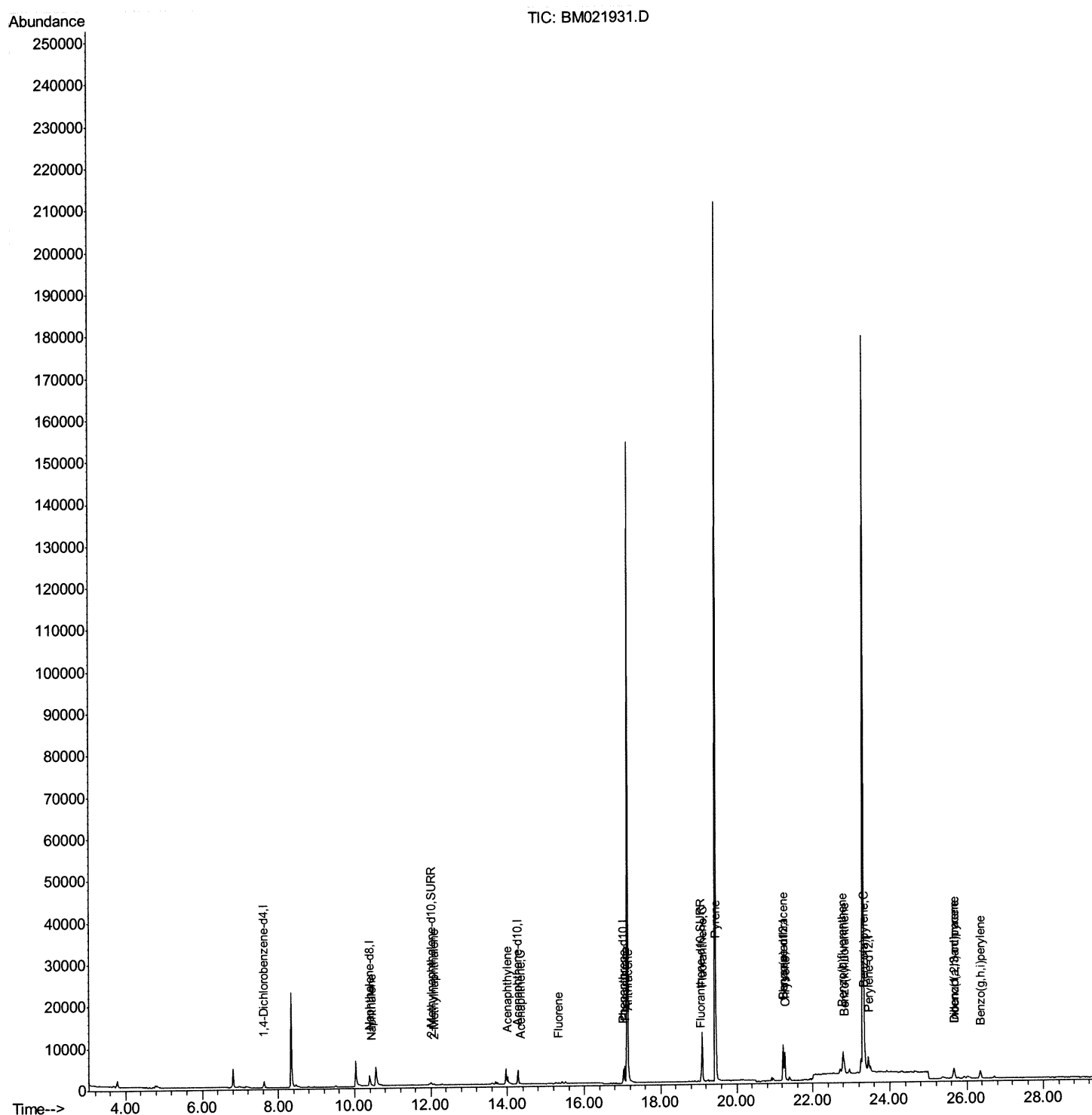
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021931.D
Acq On : 08 Aug 2019 13:44
Operator : HP/JU
Sample : K4028-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:30:51 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

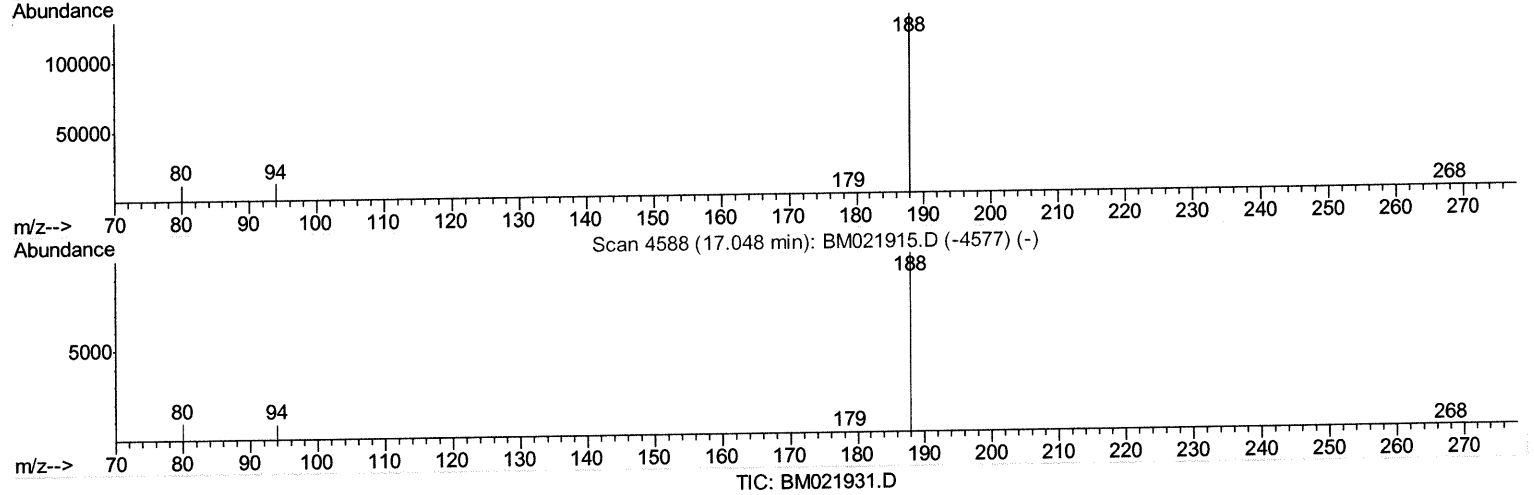
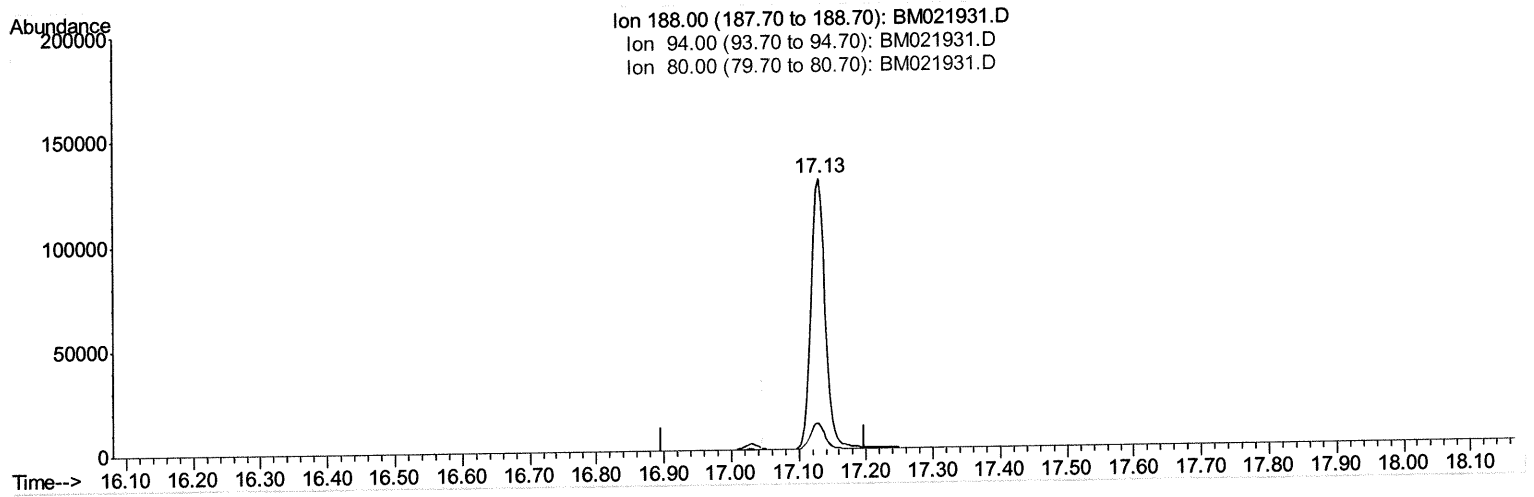
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:23:13 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.129min (+0.082) 0.40ng/ul

response 185421

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.60
80.00	11.40	8.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

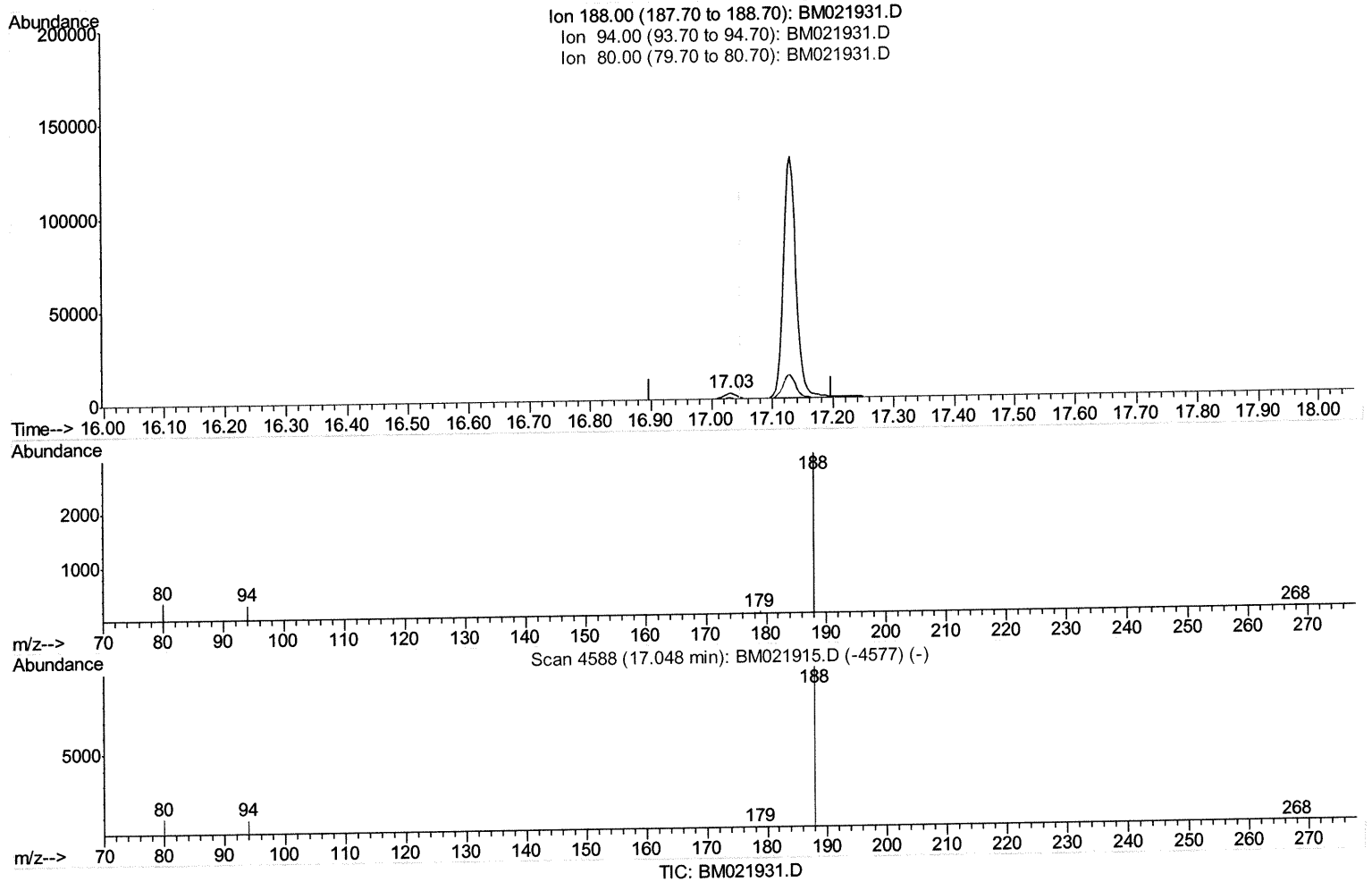
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:23:13 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.029min (-0.019) 0.40ng/ul m

JU 28/09/19

response 4381

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.67
80.00	11.40	12.35
0.00	0.00	0.00

Quantitation Report (Qedit)

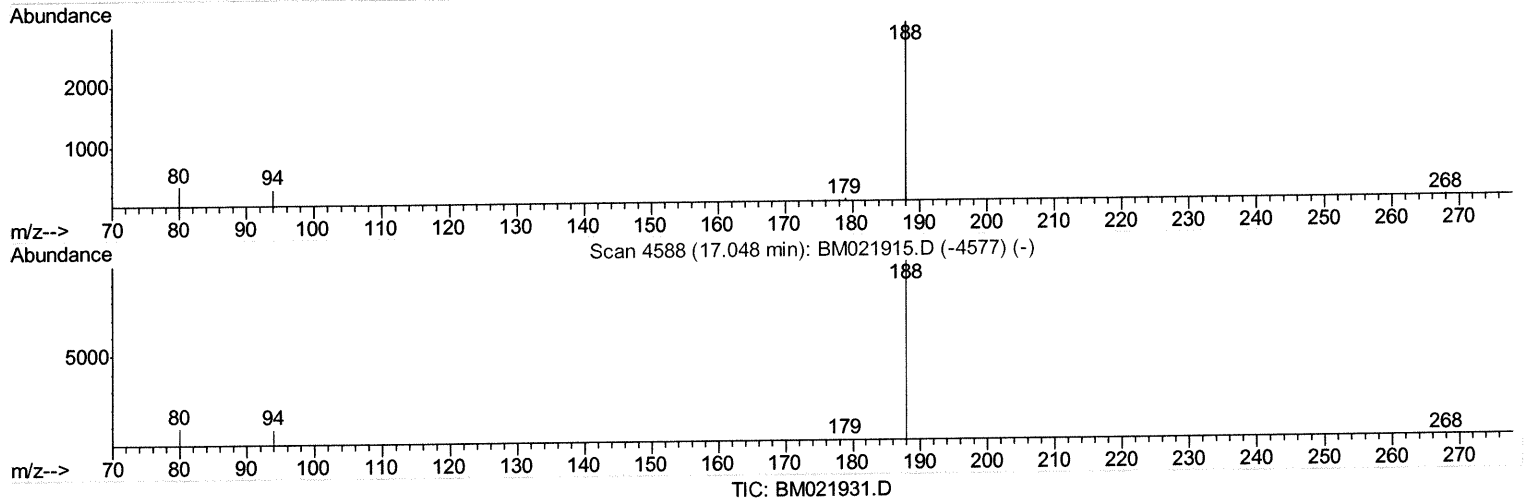
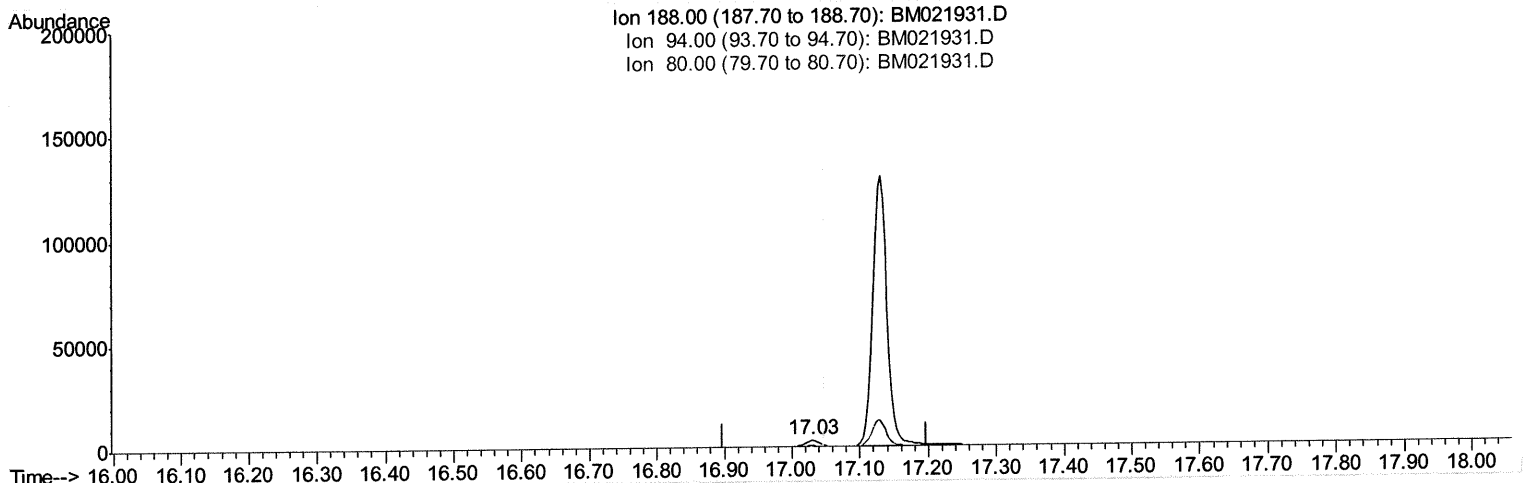
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:23:44 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.029min (-0.019) 0.40ng/ul m

JU 08/09/19

response 4381

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.67
80.00	11.40	12.35
0.00	0.00	0.00

Quantitation Report (Qedit)

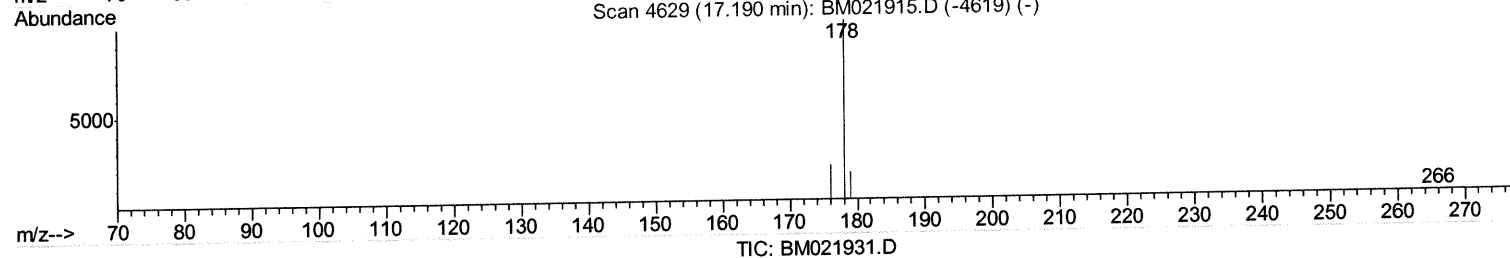
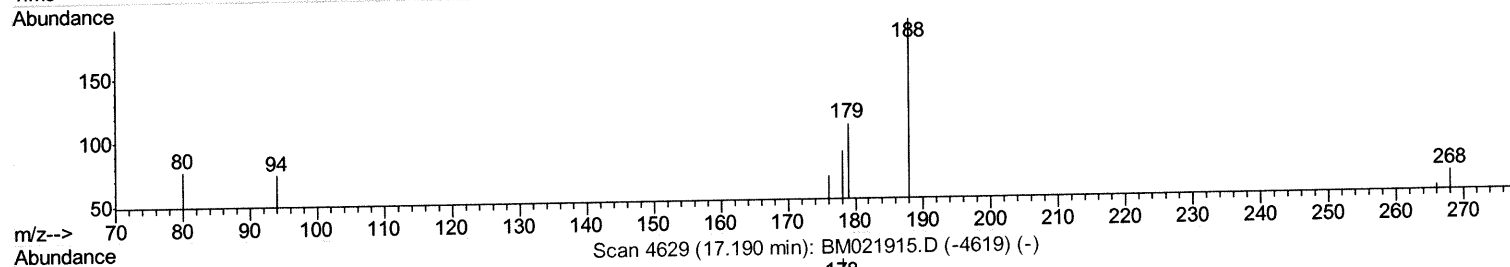
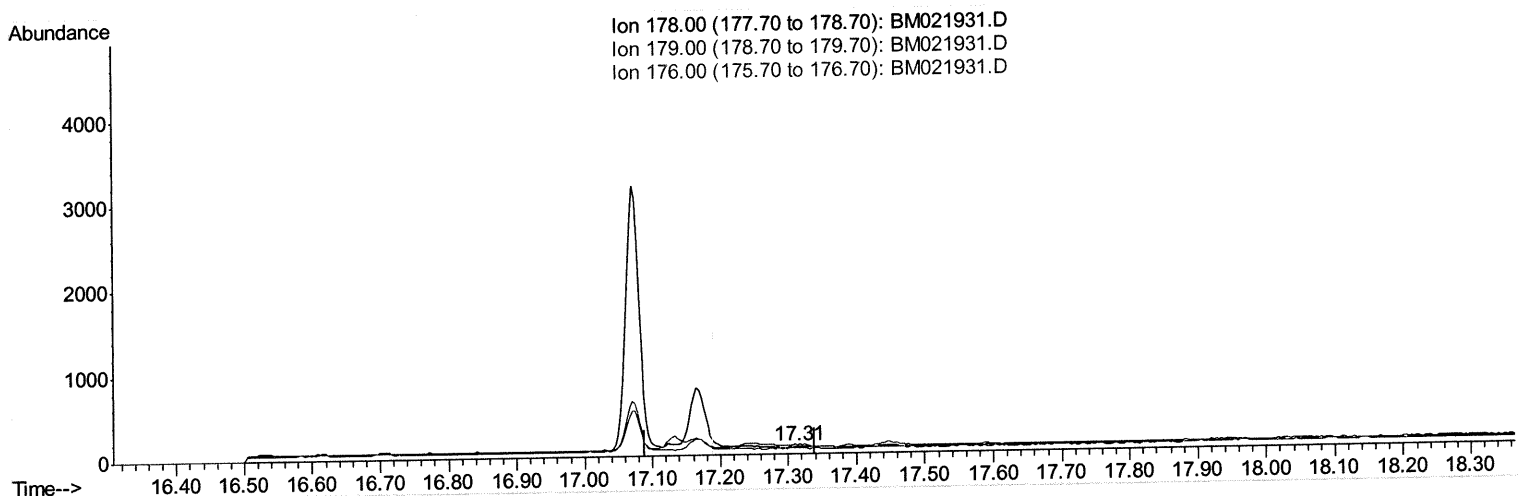
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:23:44 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(13) Anthracene

17.313min (+0.123) 0.00ng/ul

response 27

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	124.14#
176.00	20.80	77.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

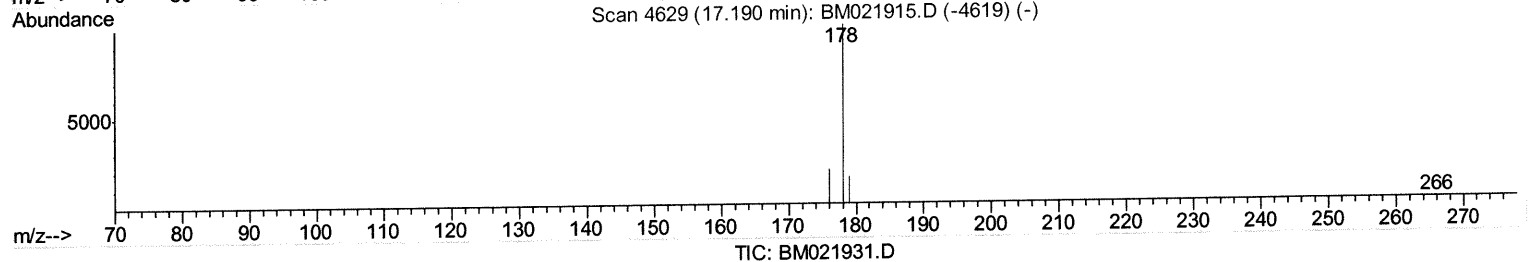
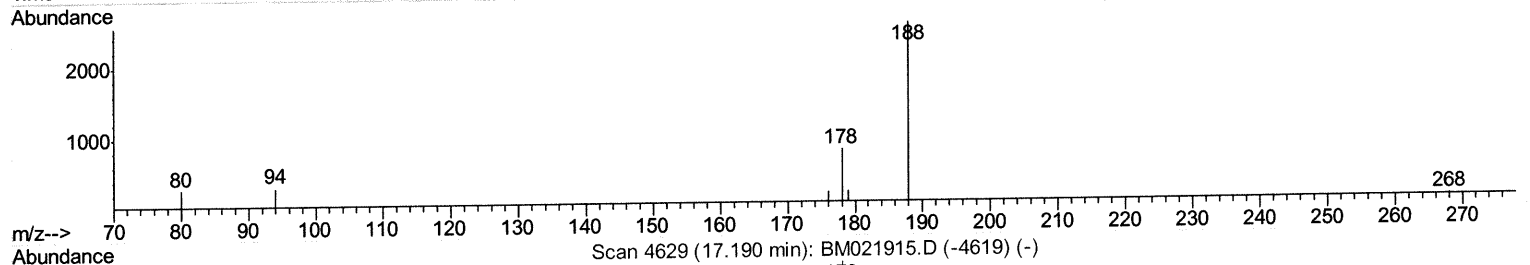
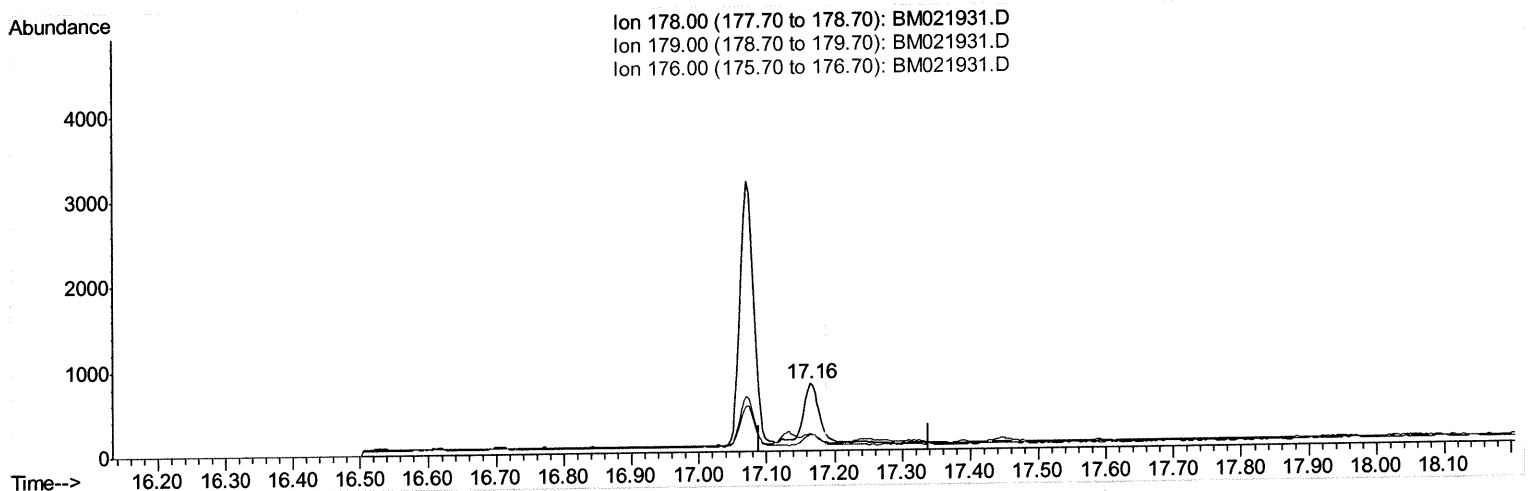
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:23:44 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(13) Anthracene

17.164min (-0.026) 0.11ng/ul m *JU 08/09/19*

response 1209

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	26.40#
176.00	20.80	24.49
0.00	0.00	0.00

Quantitation Report (Qedit)

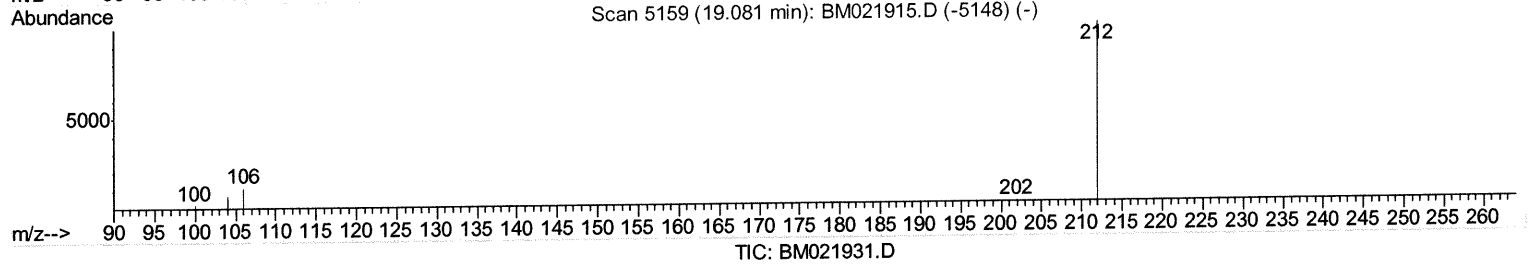
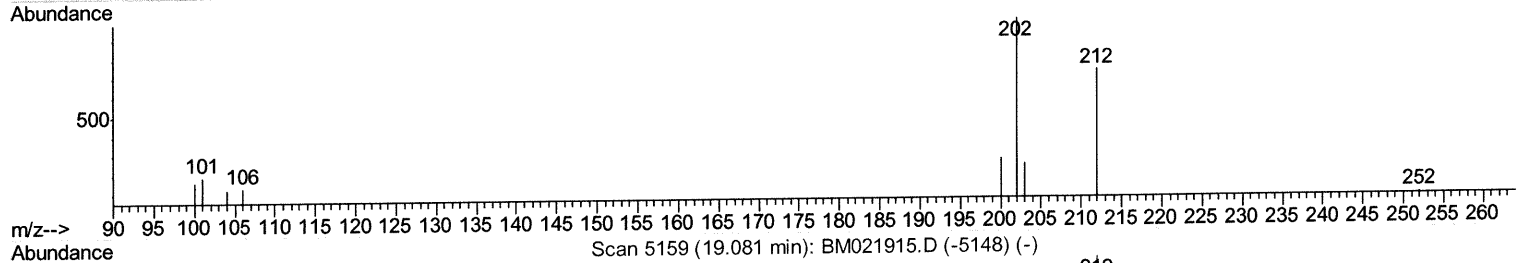
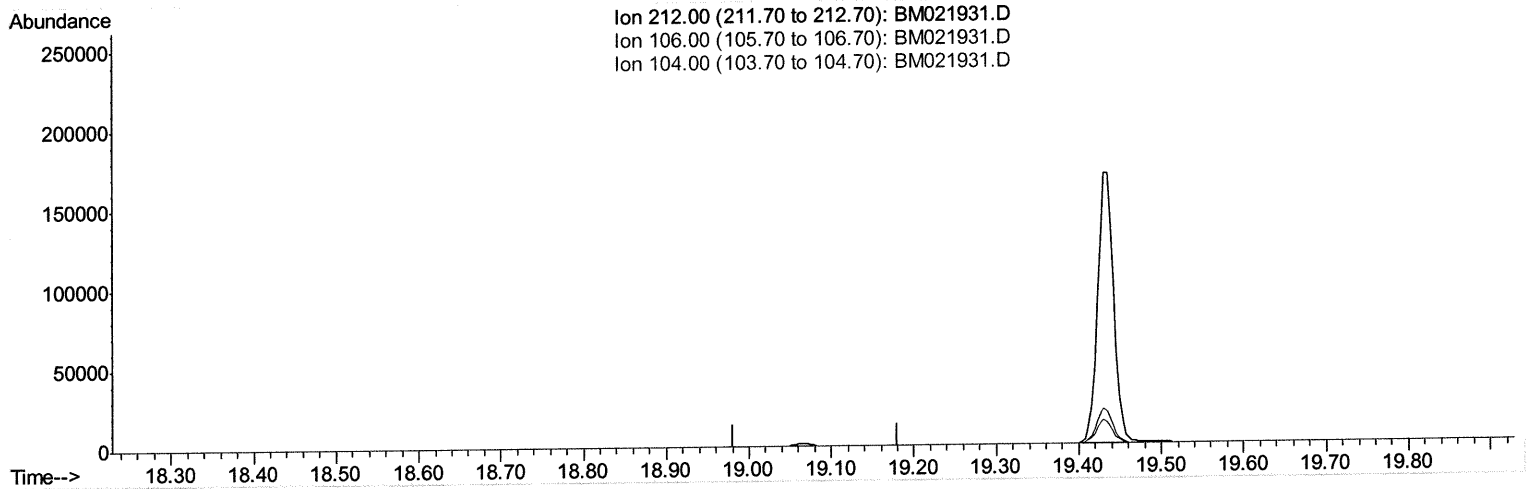
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:23:44 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.081min (-19.081) 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)

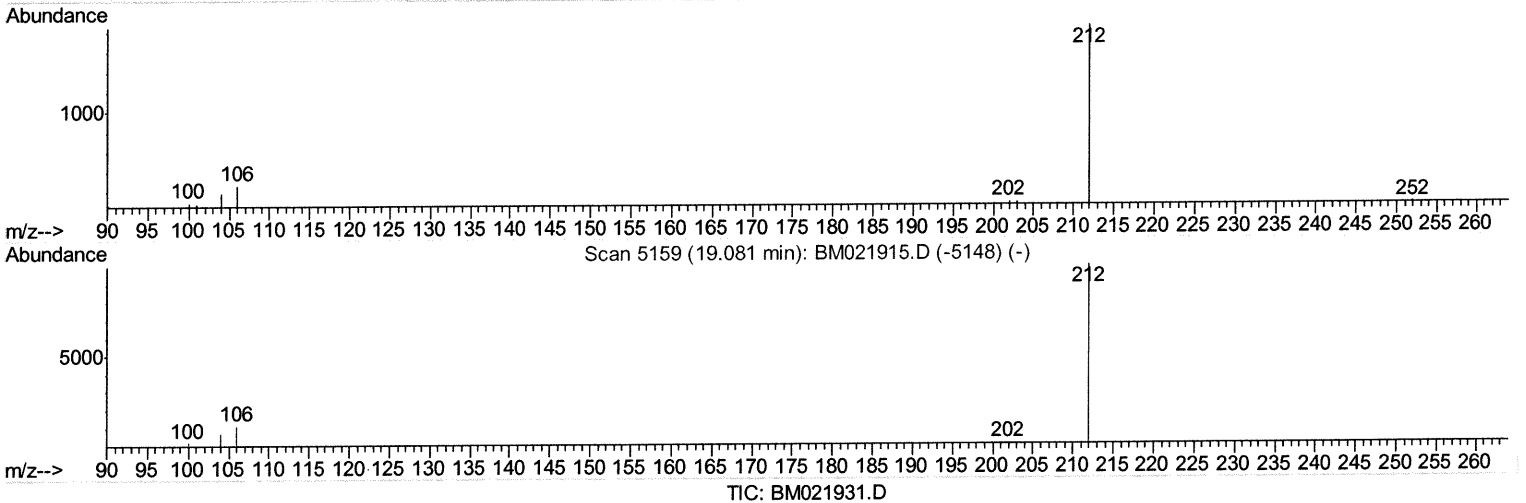
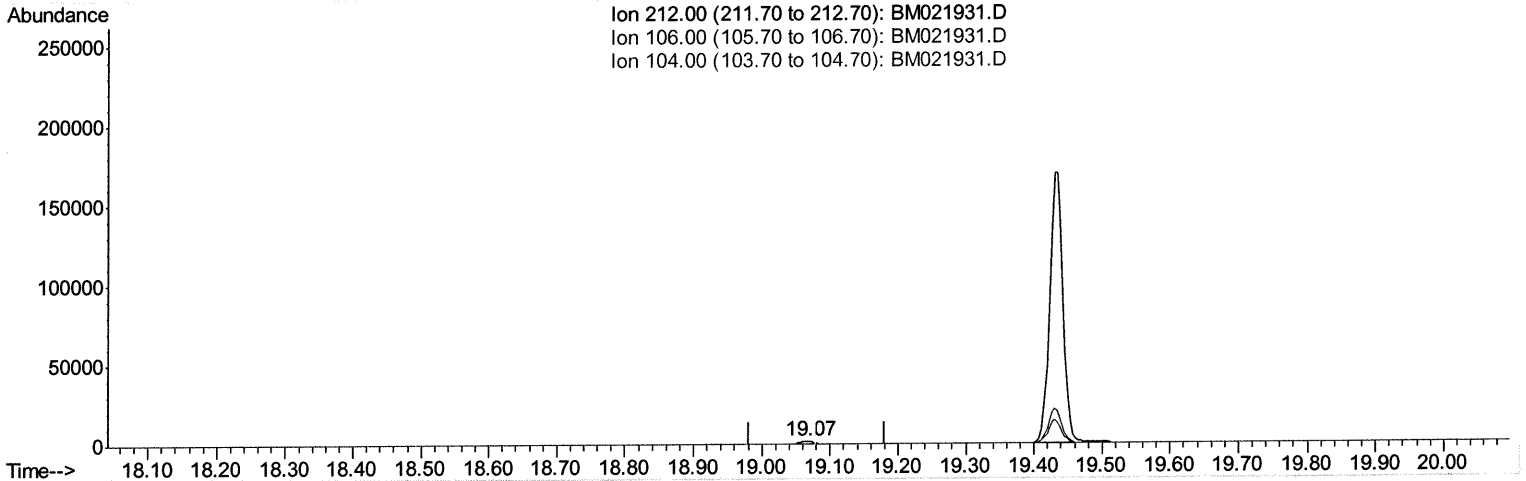
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:23:44 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.068min (-0.013) 0.18ng/ul m 20/09/19

response 2611

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

Quantitation Report (Qedit)

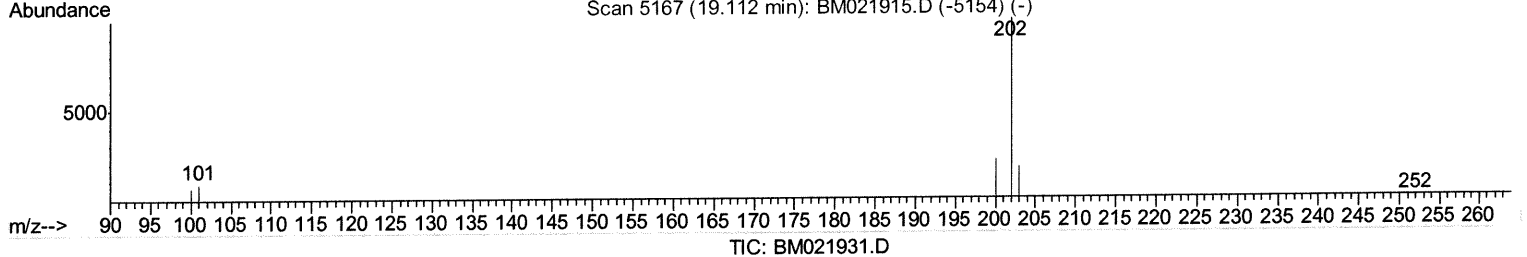
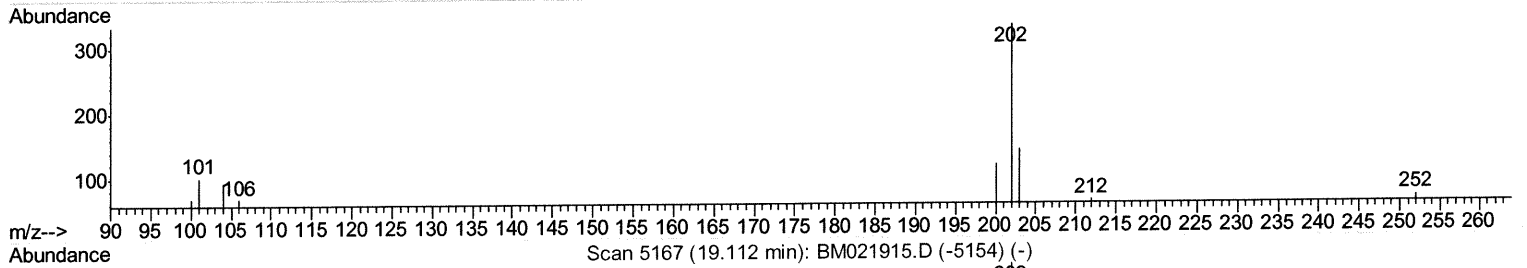
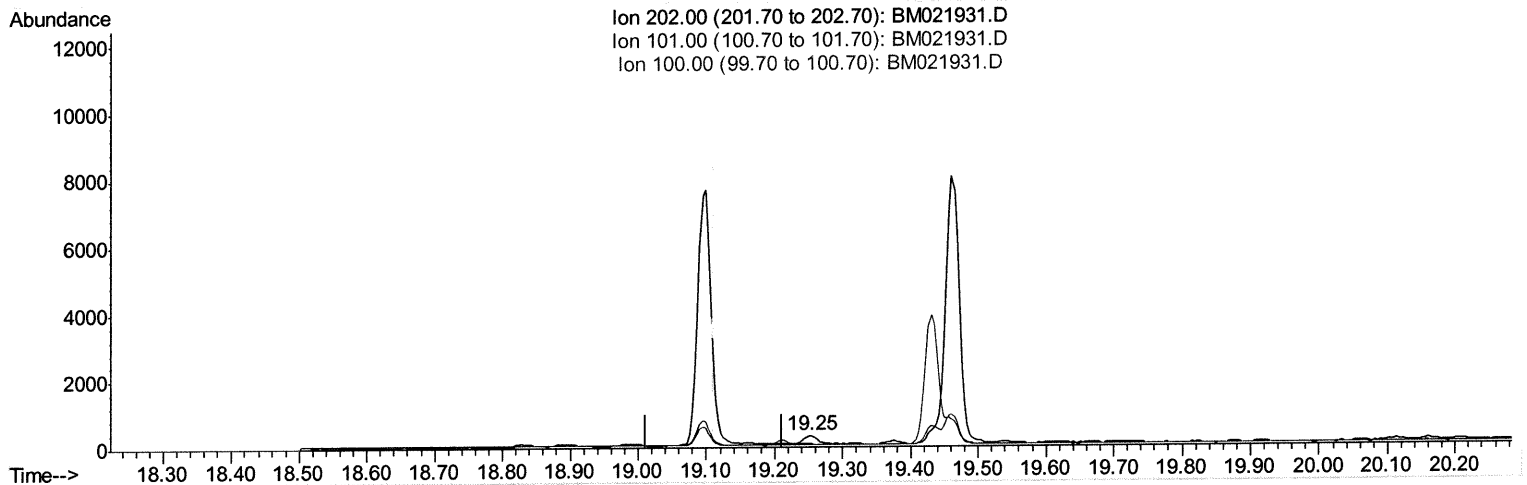
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:26:48 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.251min (+0.139) 0.02ng/ul

response 338

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	30.54#
100.00	8.10	20.96
0.00	0.00	0.00

Quantitation Report (Qedit)

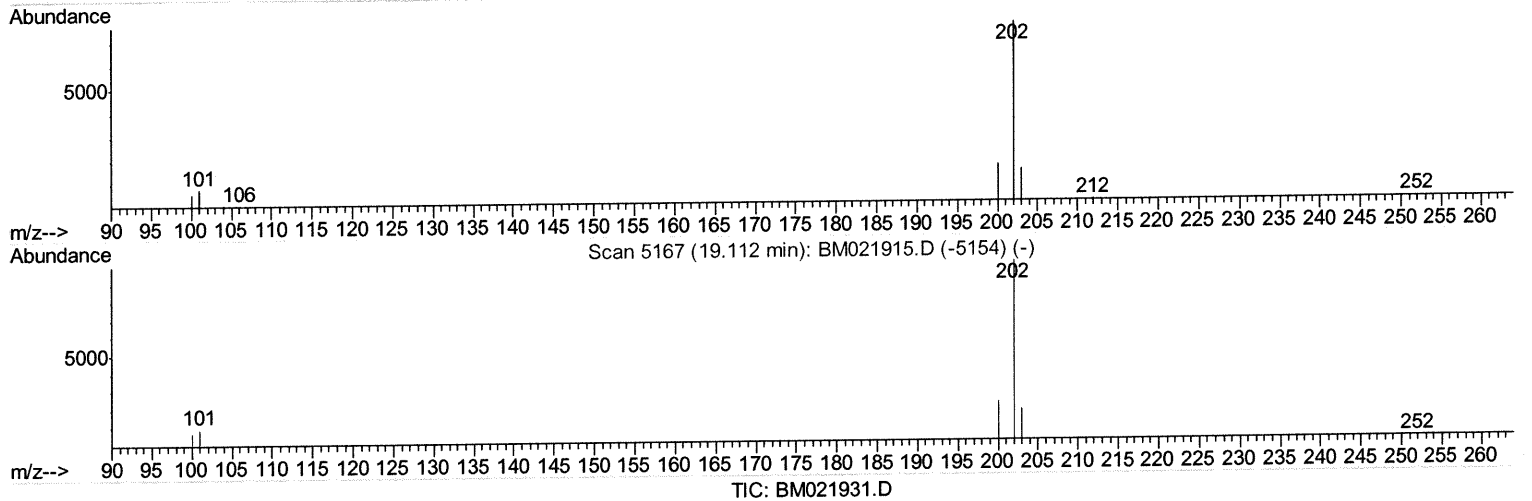
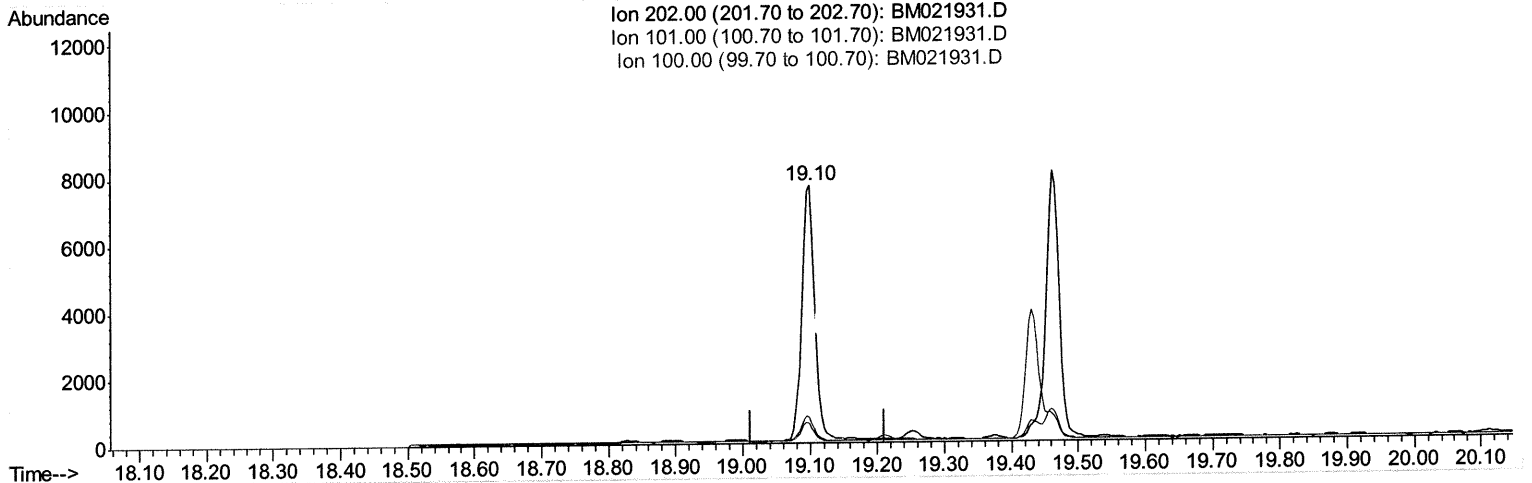
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:26:48 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.099min (-0.013) 0.61ng/ul m *JU 08/09/19*

response 10355

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.20
100.00	8.10	7.67
0.00	0.00	0.00

Quantitation Report (Qedit)

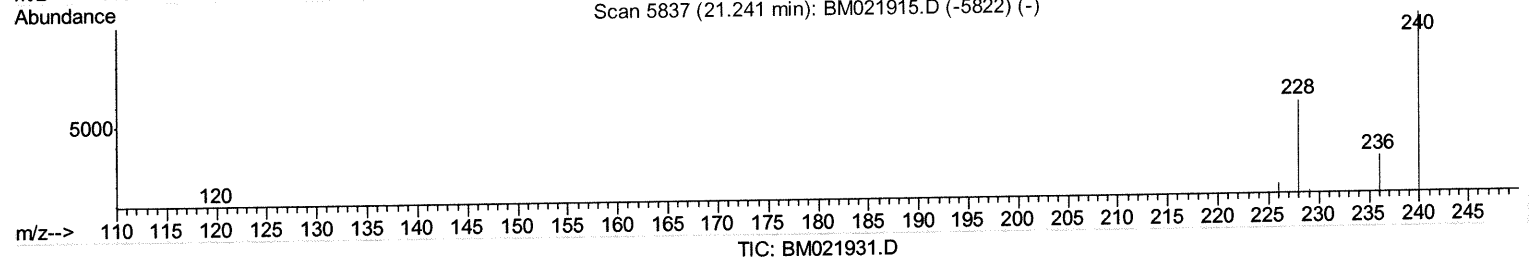
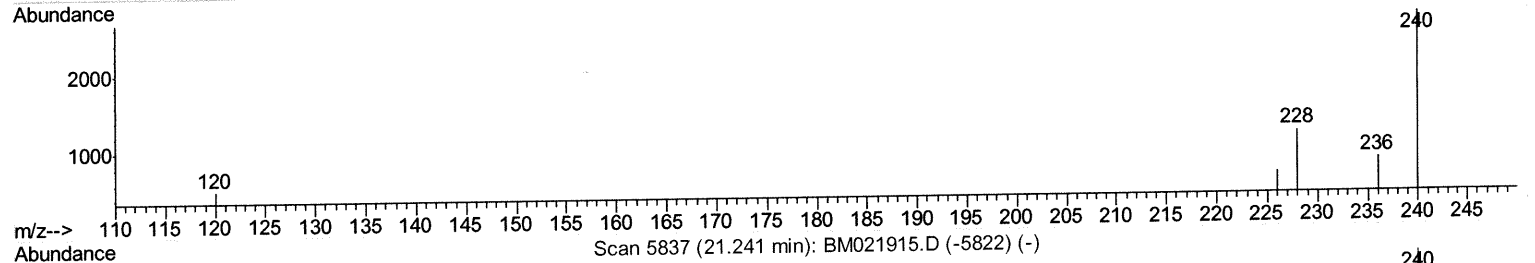
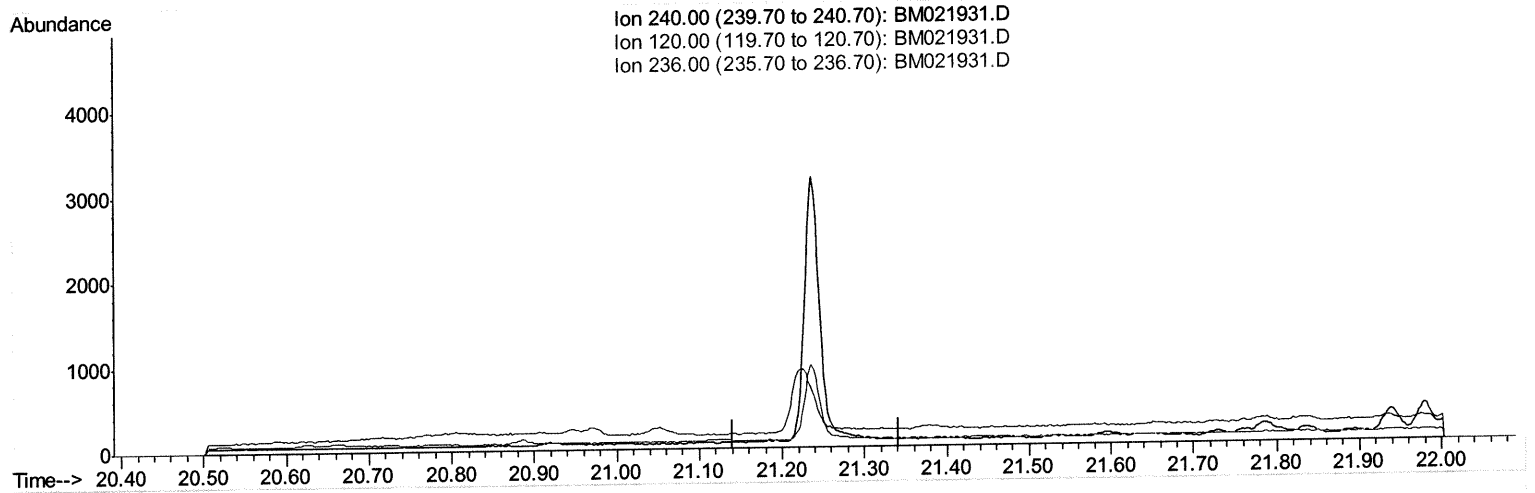
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:26:48 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.241min (-21.241) 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)

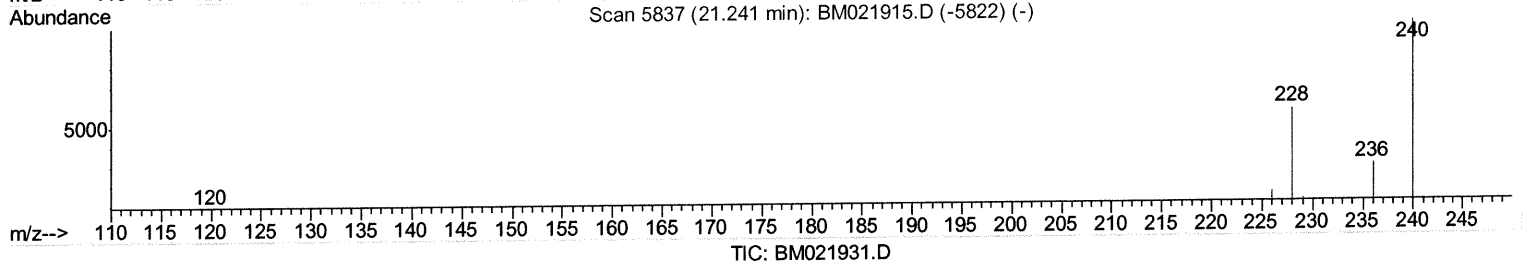
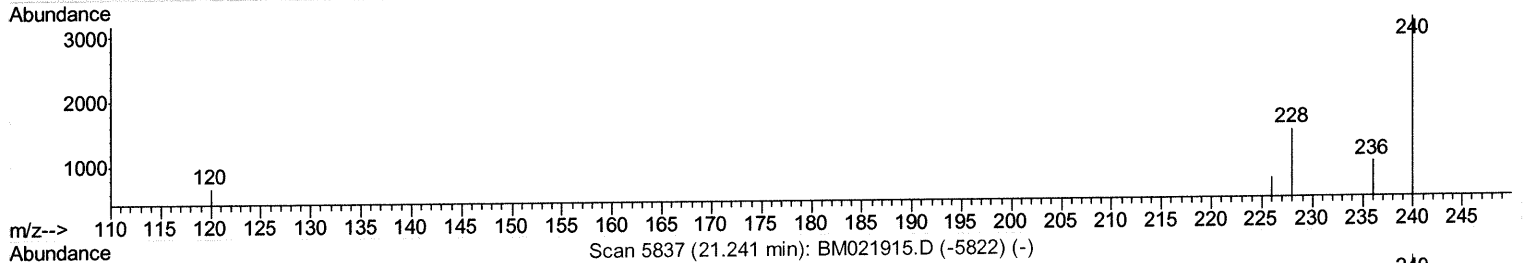
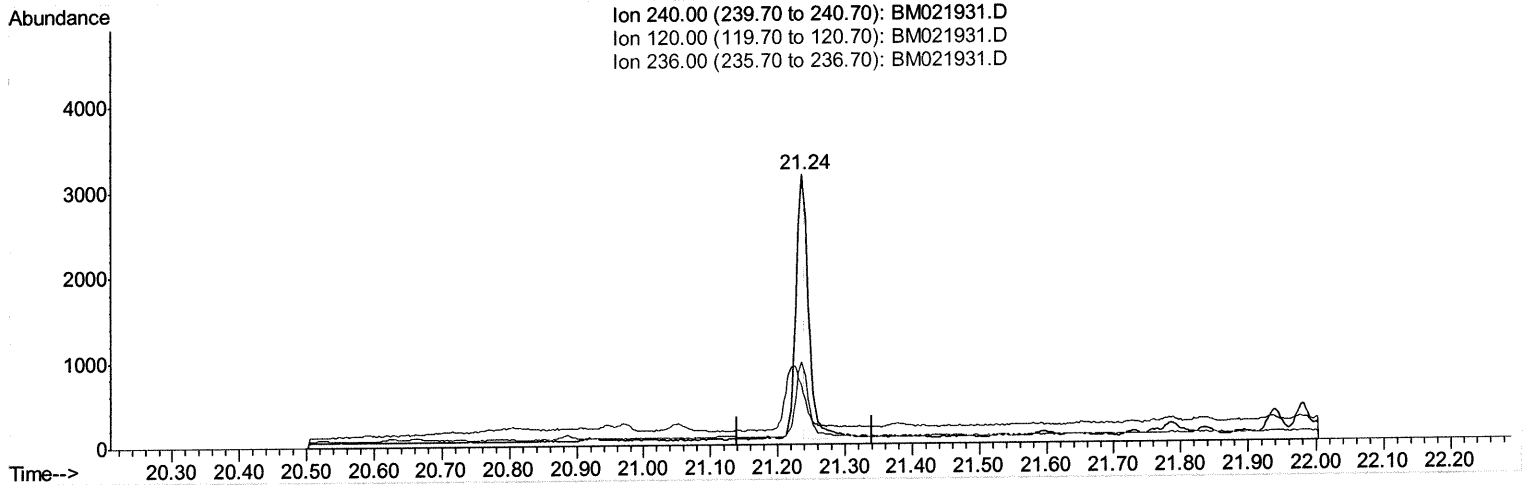
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:26:48 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.236min (-0.005) 0.40ng/ul m *JU 08/09/19*

response 4078

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	21.31#
236.00	32.30	30.50
0.00	0.00	0.00

Quantitation Report (Qedit)

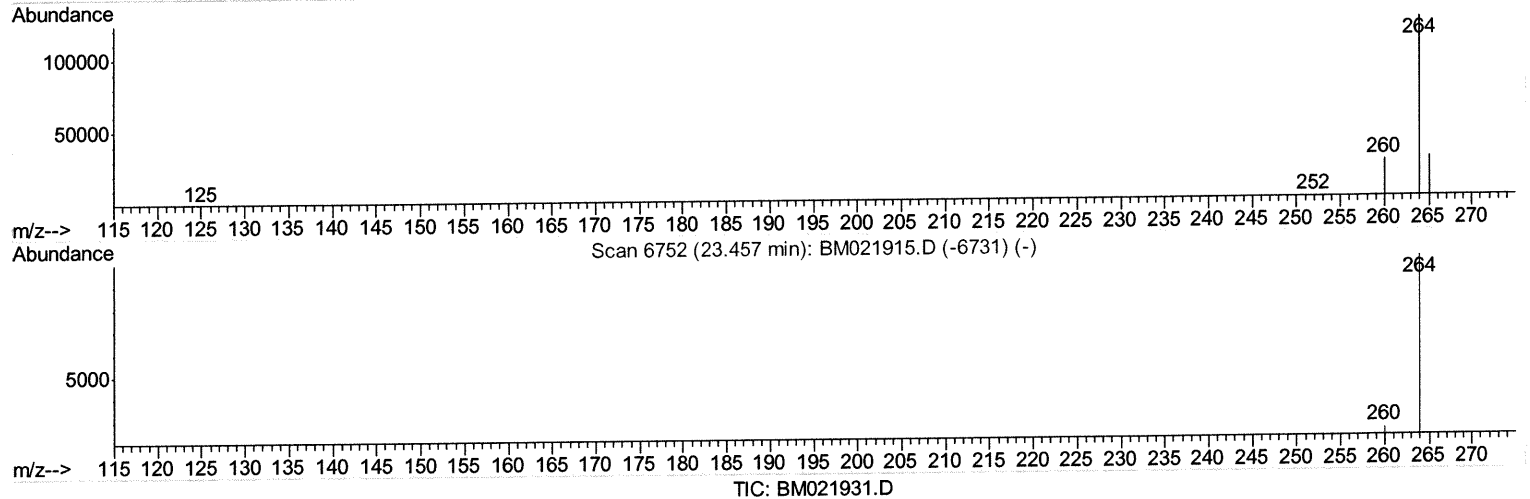
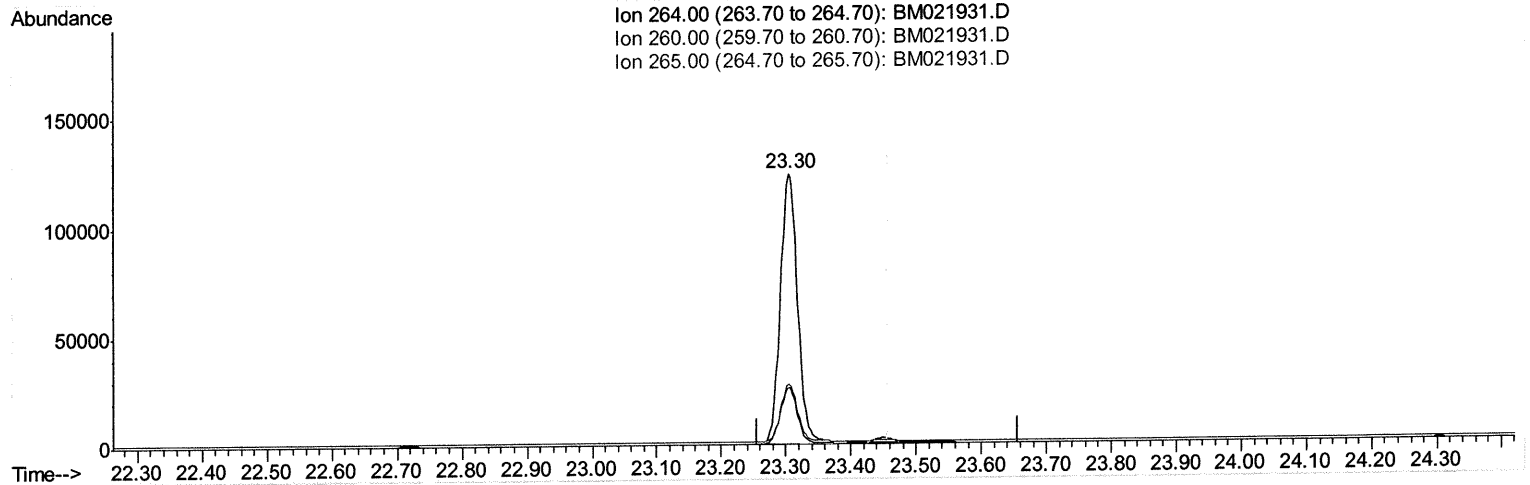
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:27:31 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.304min (-0.153) 0.40ng/ul

response 228280

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.87#
265.00	117.00	22.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

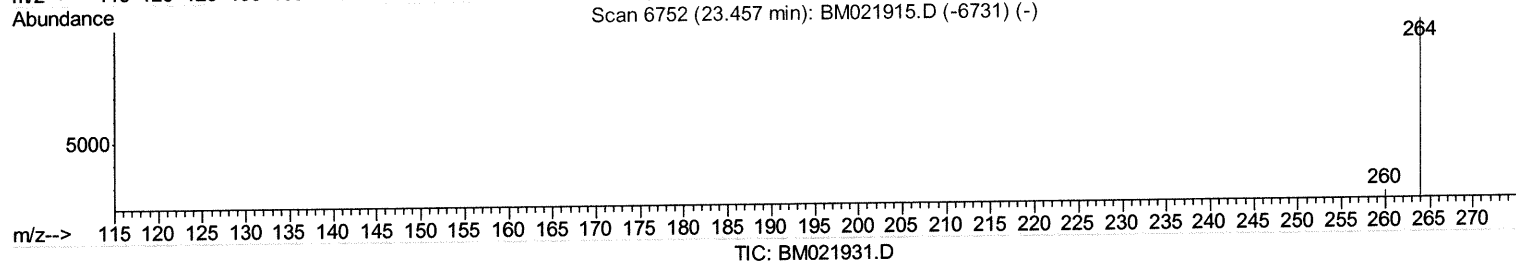
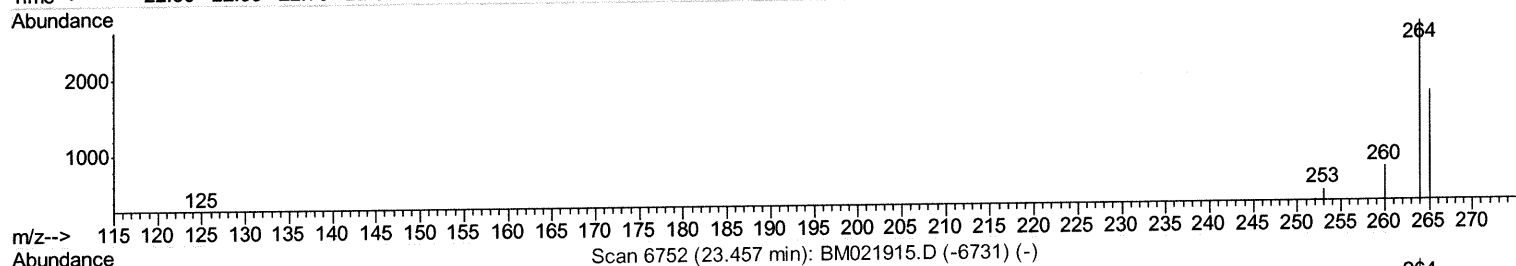
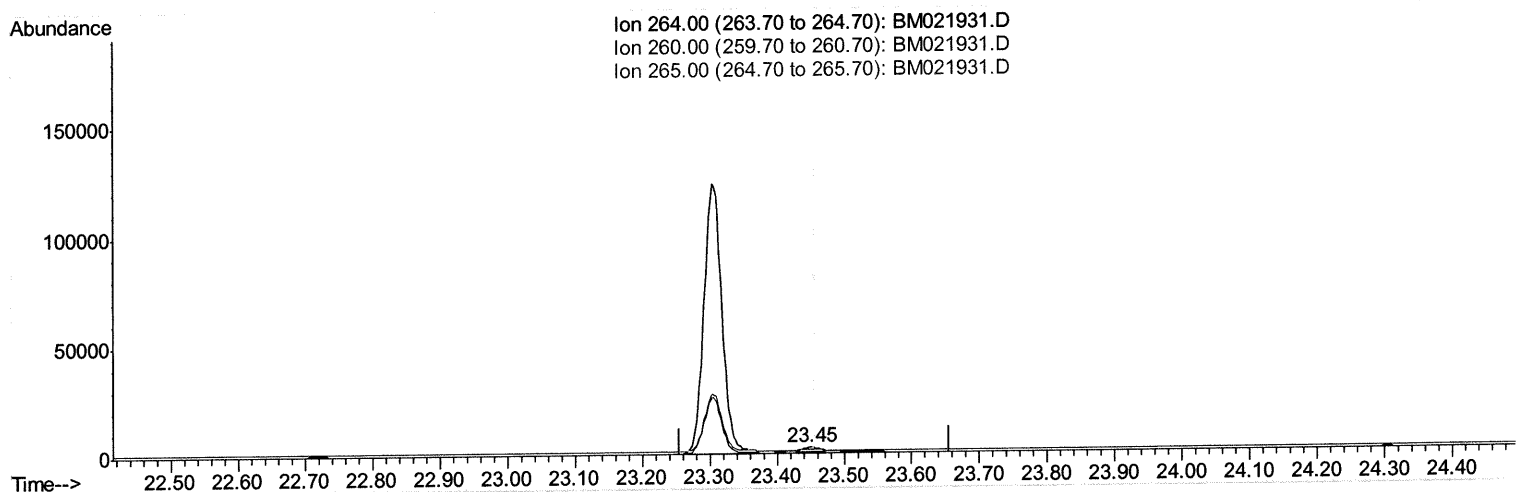
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:27:31 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.450min (-0.007) 0.40ng/ul m

JU
 08/09/19

response 4055

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.81
265.00	117.00	65.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

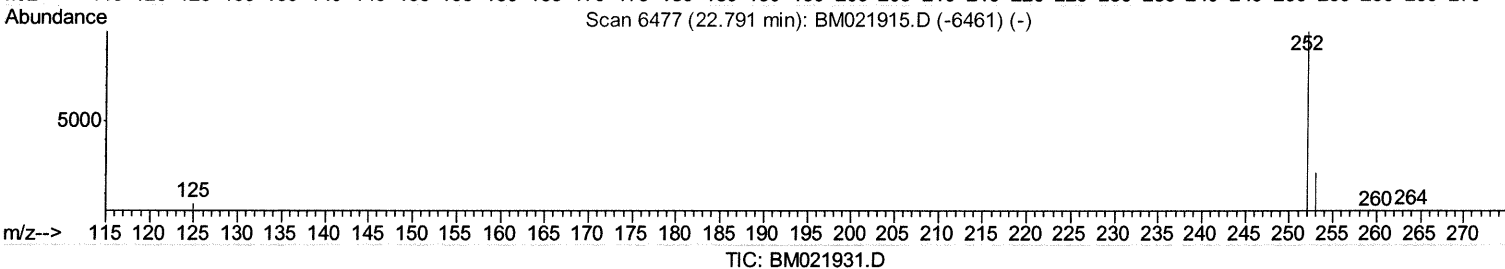
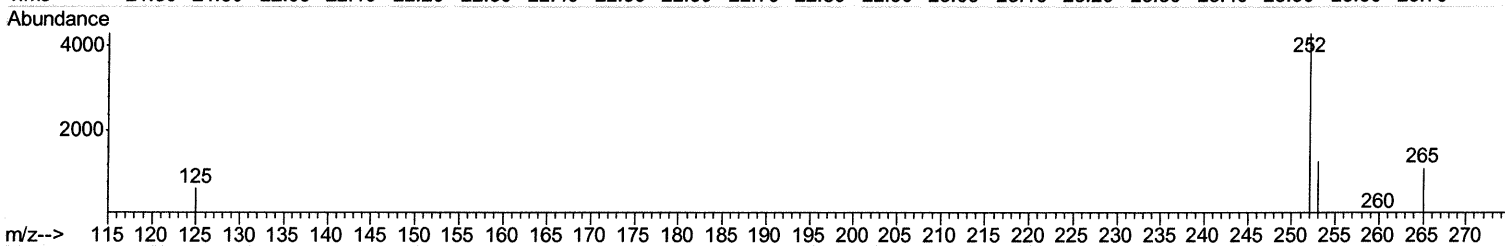
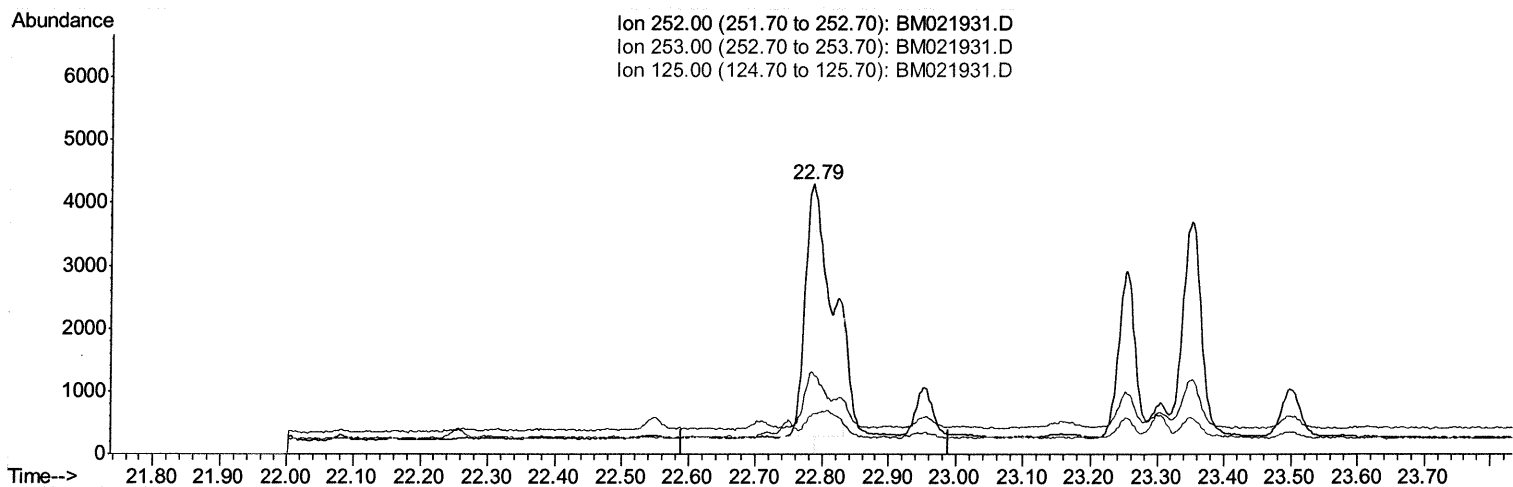
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.005) 0.80ng/ul

response 10871

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.11
125.00	15.50	15.11
0.00	0.00	0.00

Quantitation Report (Qedit)

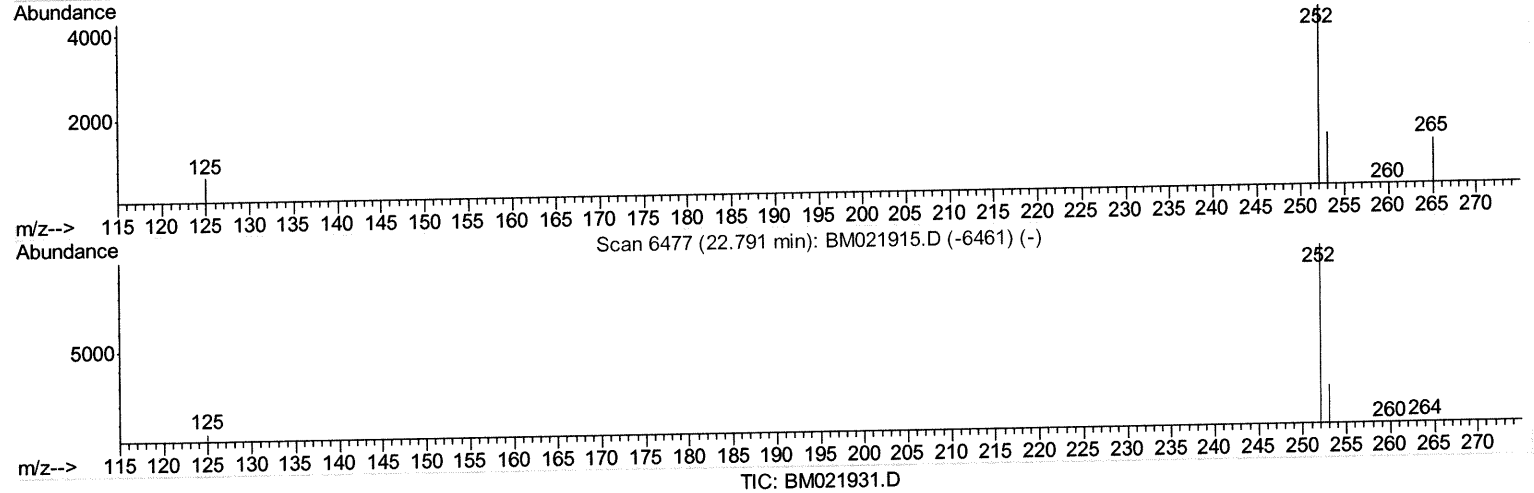
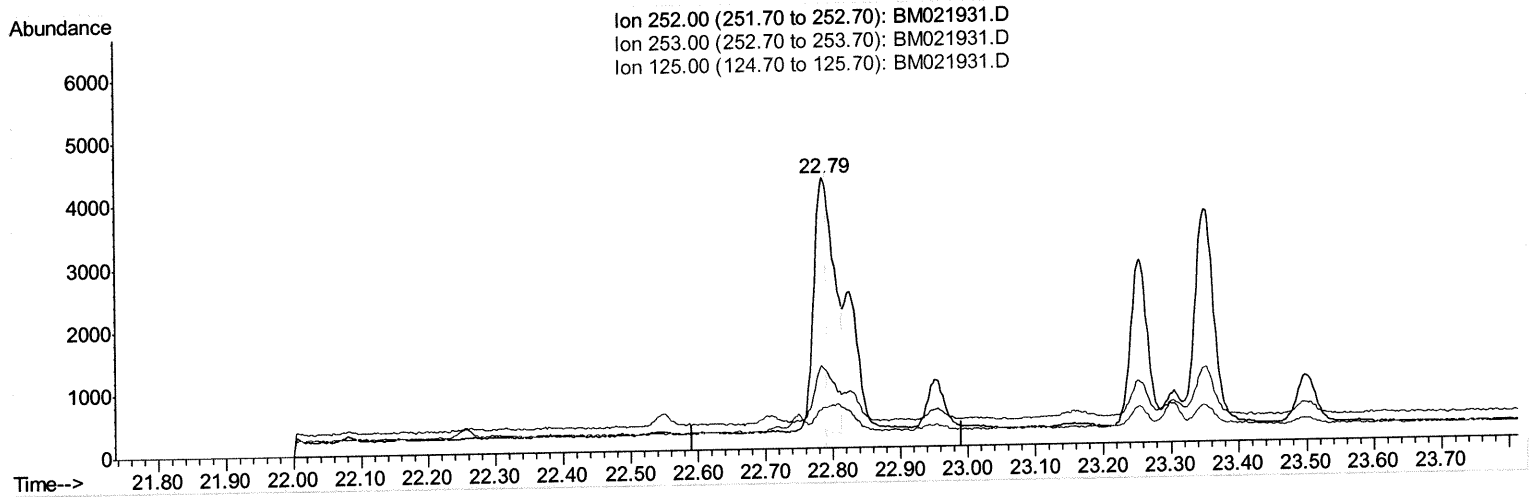
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.005) 0.63ng/ul m

JU
 08/09/19

response 8591

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.11
125.00	15.50	15.11
0.00	0.00	0.00

Quantitation Report (Qedit)

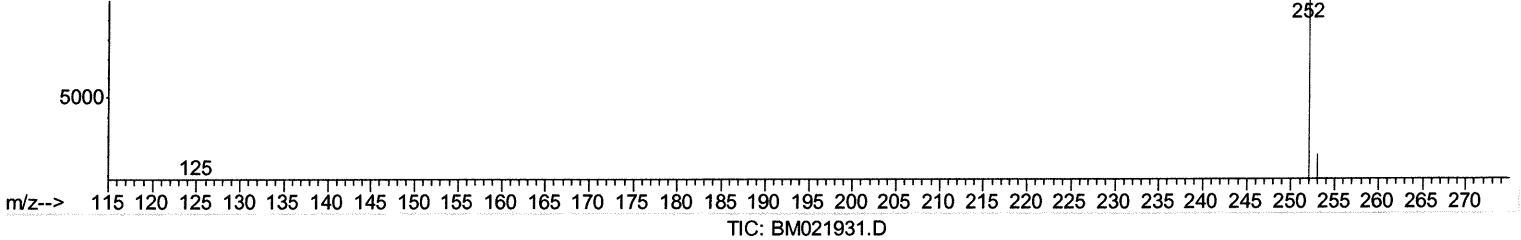
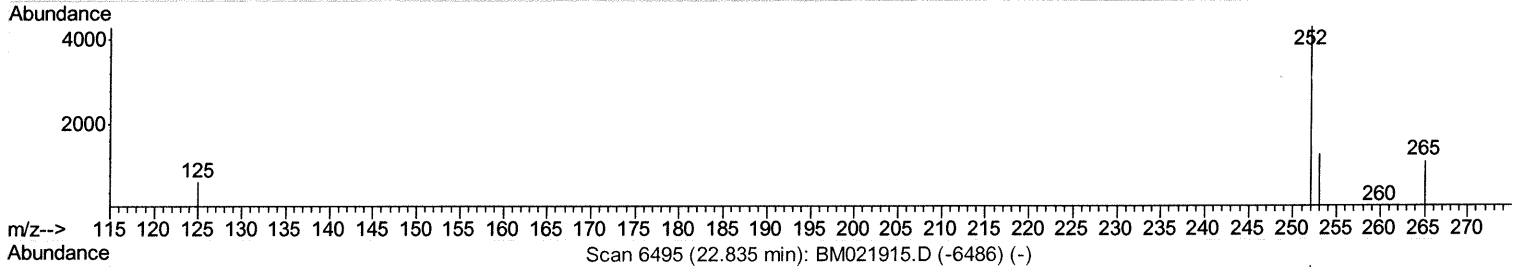
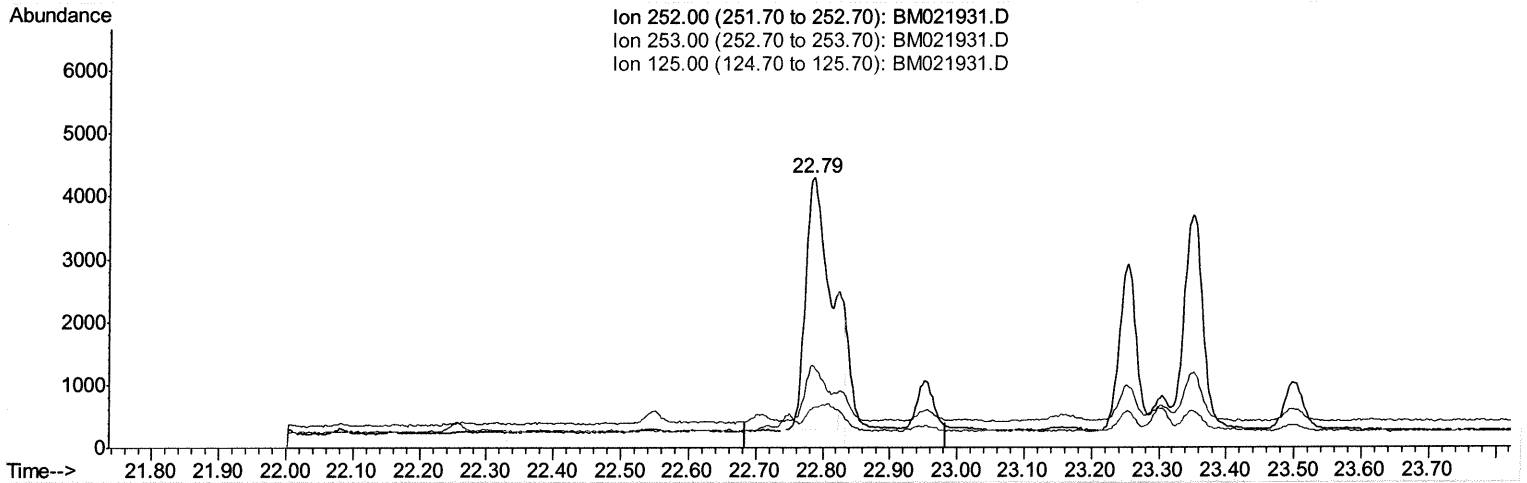
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.786min (-0.049) 0.62ng/ul

response 9664

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.11
125.00	15.20	15.11
0.00	0.00	0.00

Quantitation Report (Qedit)

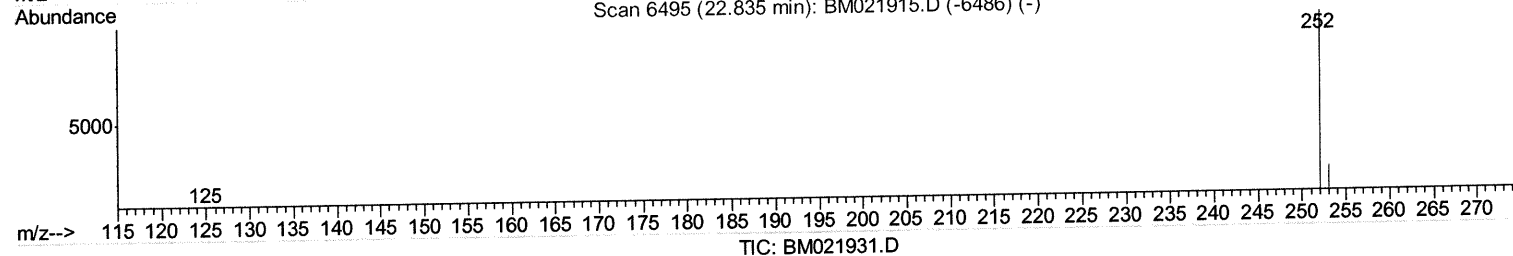
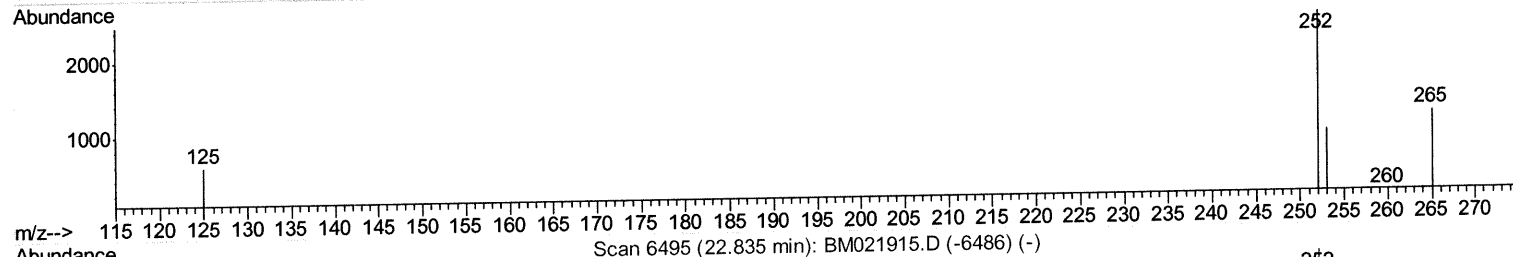
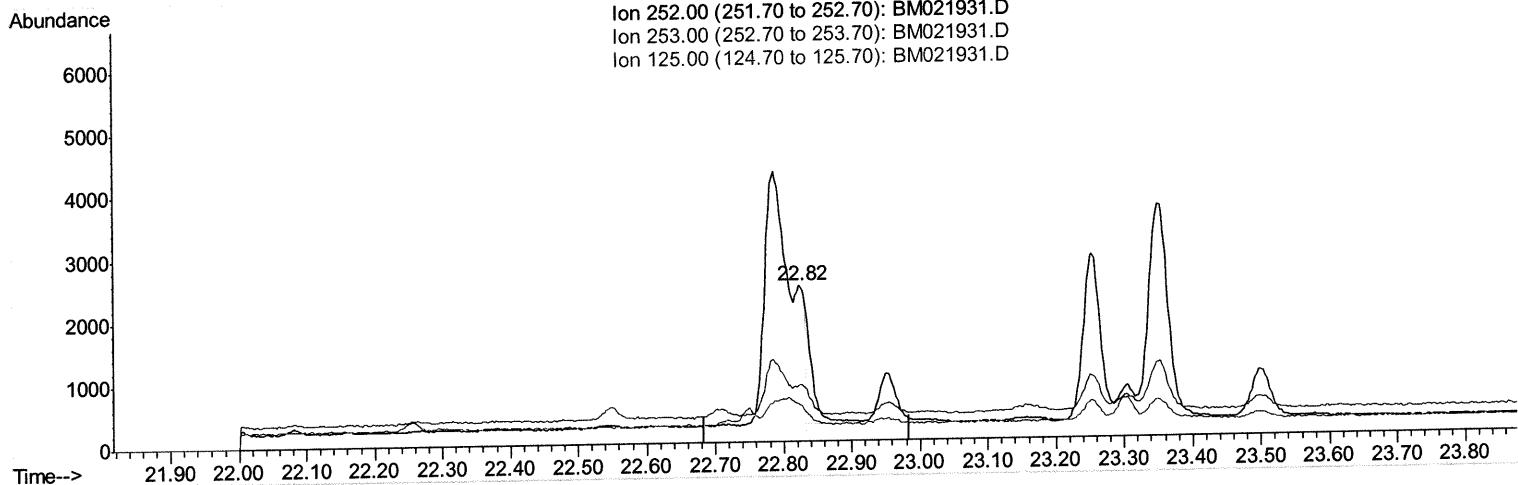
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
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Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.825min (-0.010) 0.21ng/ul m

JU
 08/09/19

response 3267

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	36.01
125.00	15.20	23.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

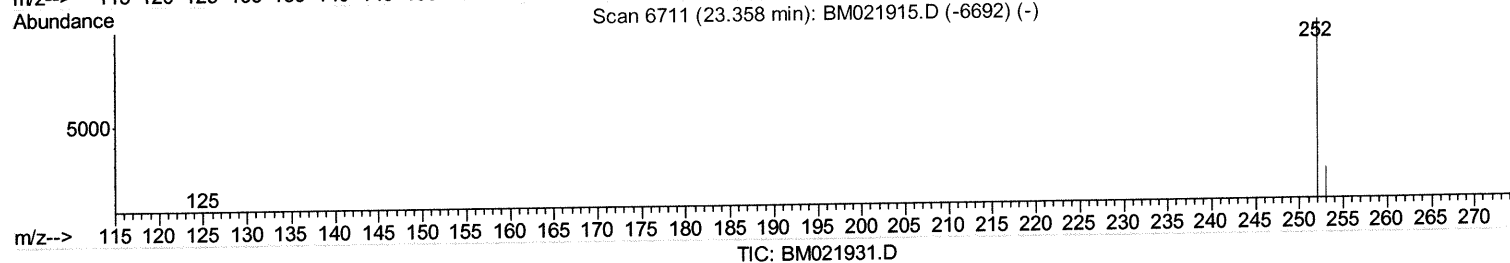
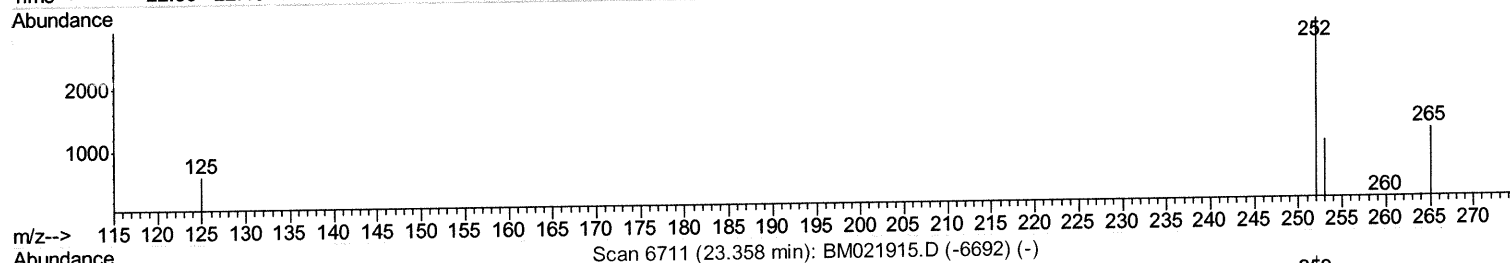
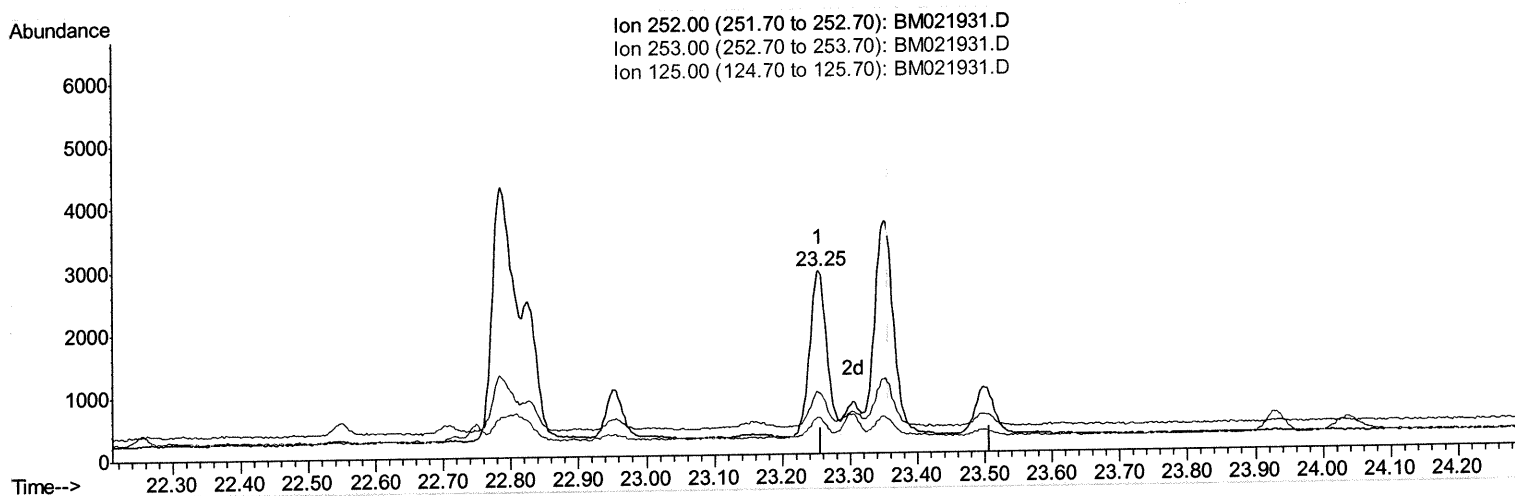
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
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Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.253min (-0.104) 0.34ng/ul

response 4663

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	33.72
125.00	18.20	20.25
0.00	0.00	0.00

Quantitation Report (Qedit)

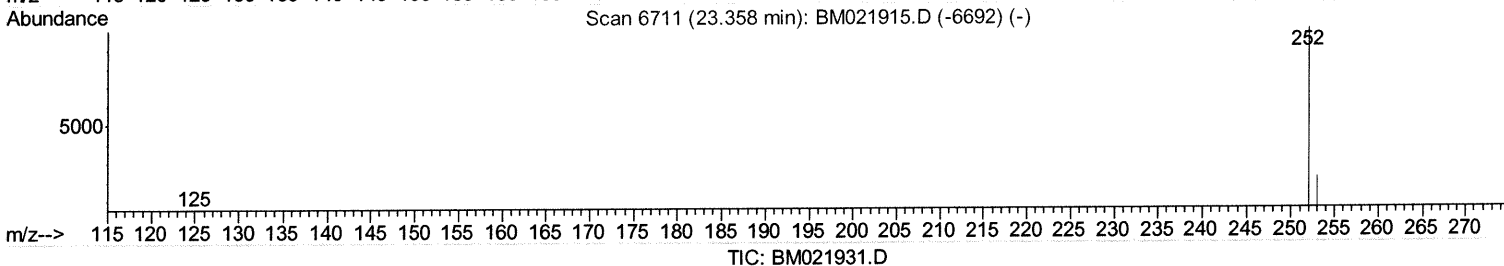
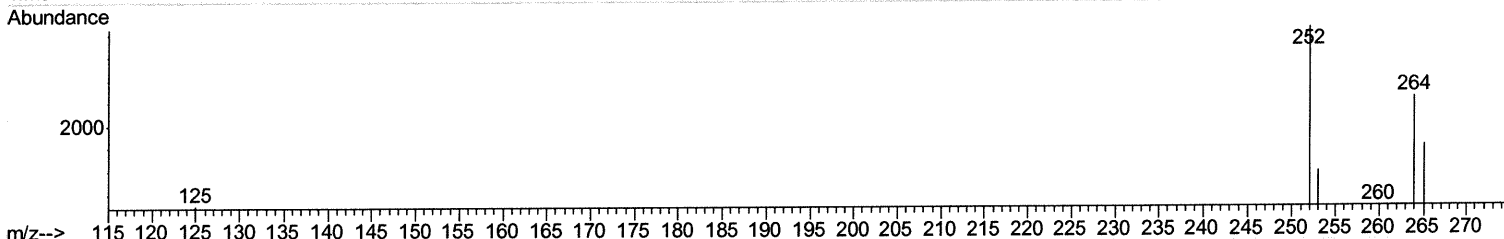
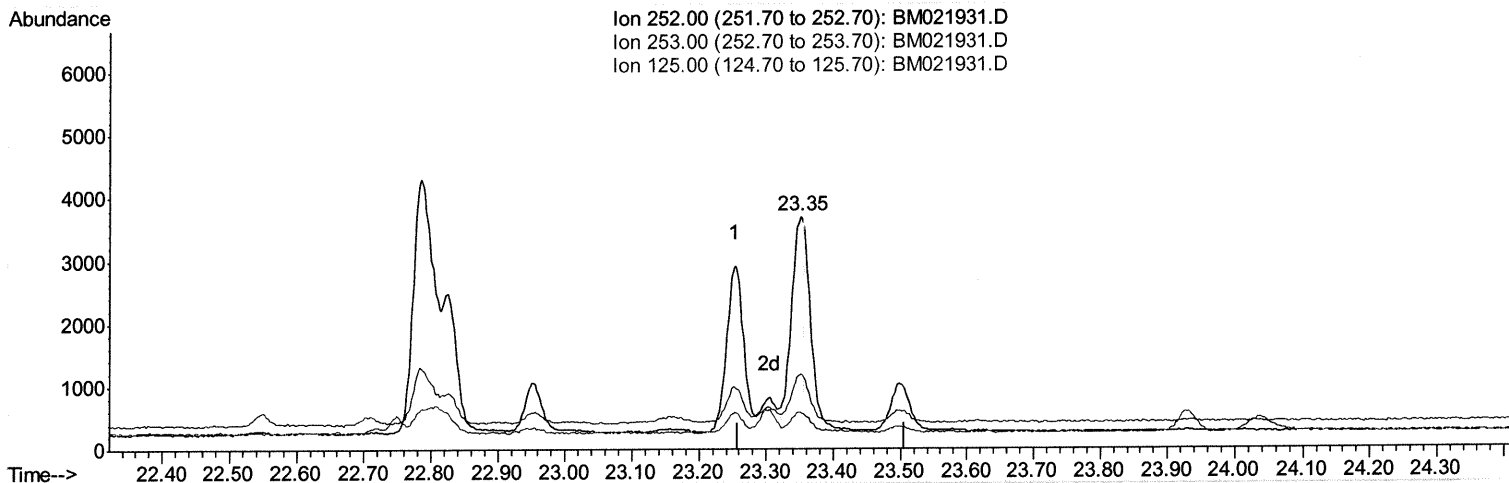
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
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Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.350min (-0.007) 0.48ng/ul m

JU
 08/09/19

response 6721

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	31.76
125.00	18.20	15.93
0.00	0.00	0.00

Quantitation Report (Qedit)

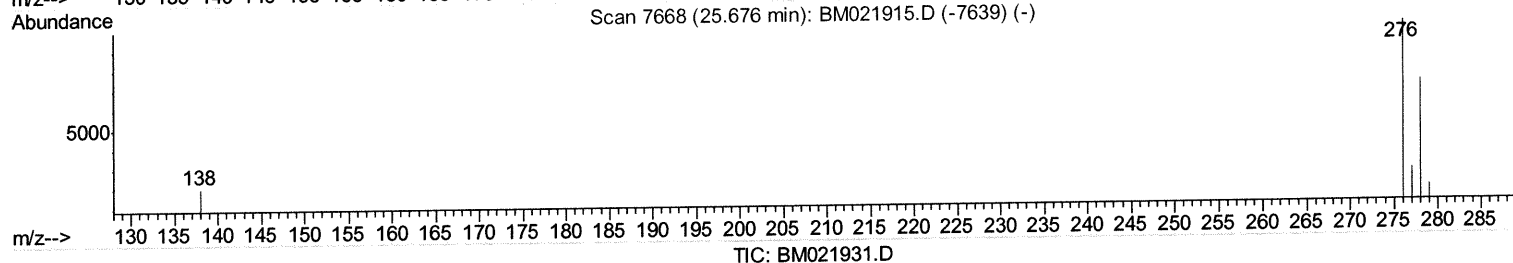
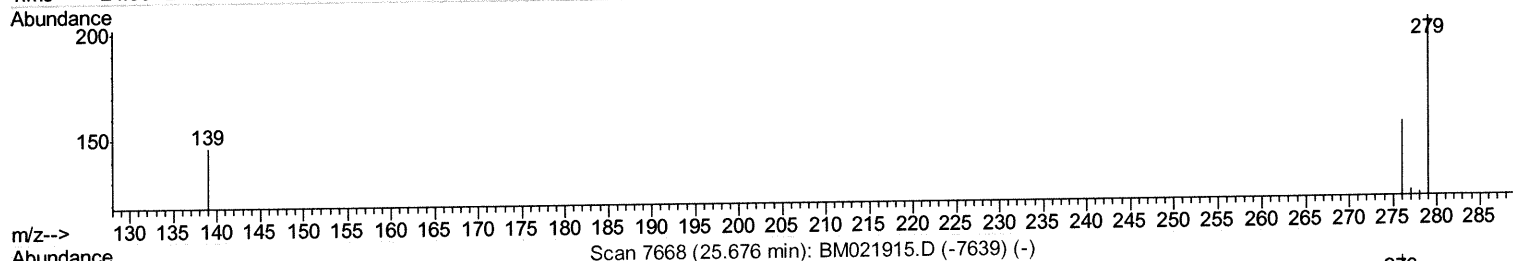
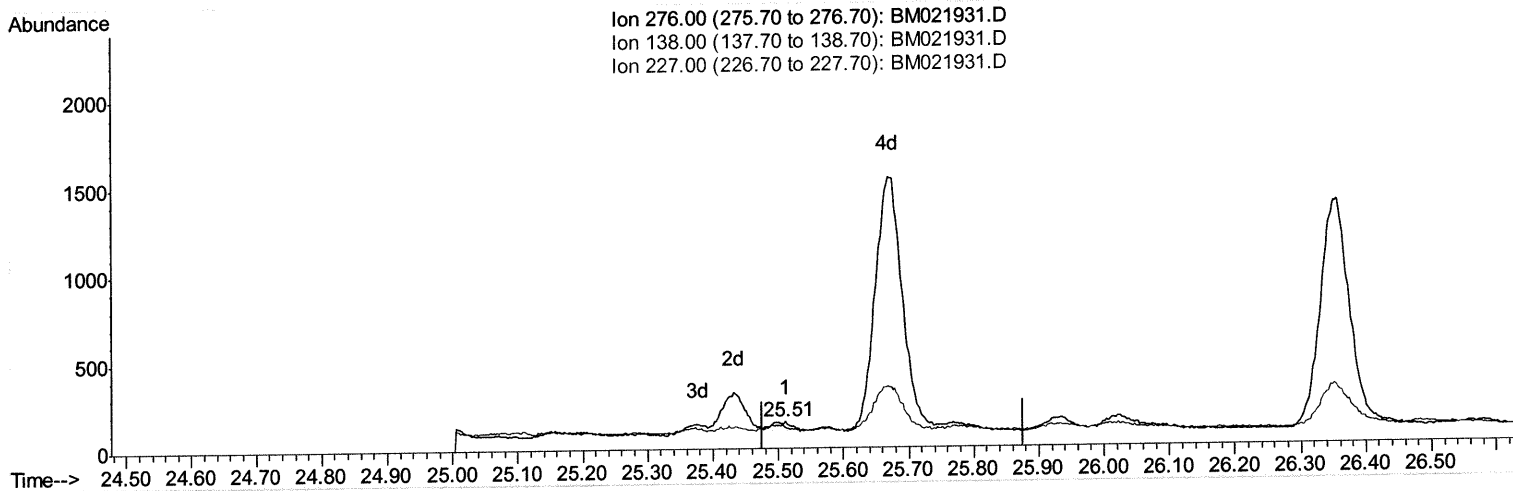
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021931.D
Acq On : 08 Aug 2019 13:44
Operator : HP/JU
Sample : K4028-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



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

25.512min (-0.165) 0.01ng/ul

response 120

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	67.50#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

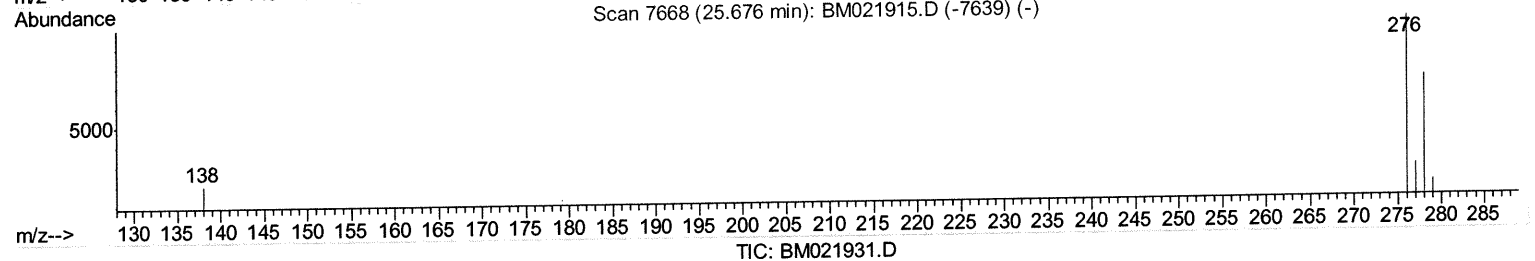
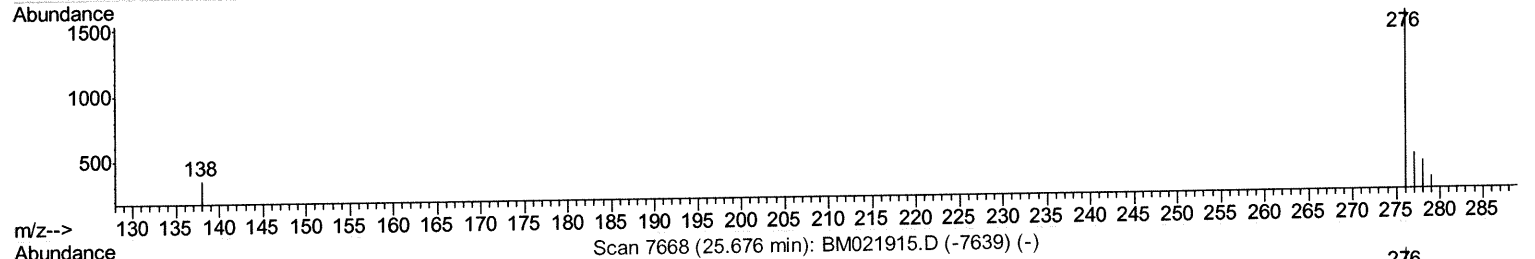
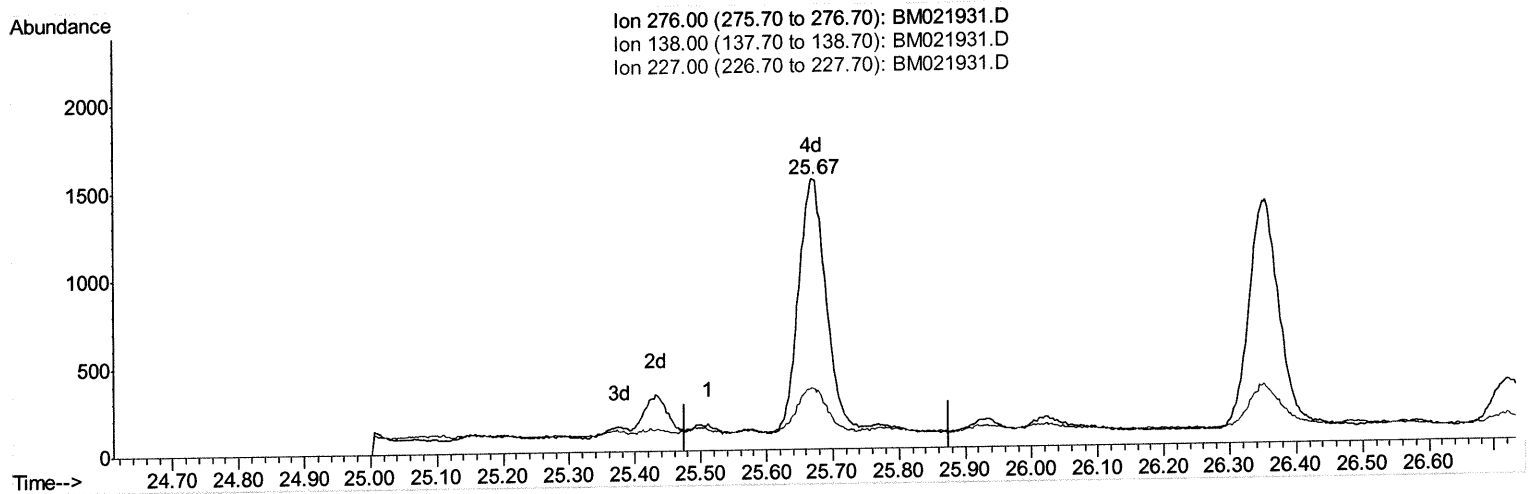
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
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Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



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

25.669min (-0.007) 0.25ng/ul m

response 4209

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.92#
227.00	0.00	0.00
0.00	0.00	0.00

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 08/09/19

Quantitation Report (Qedit)

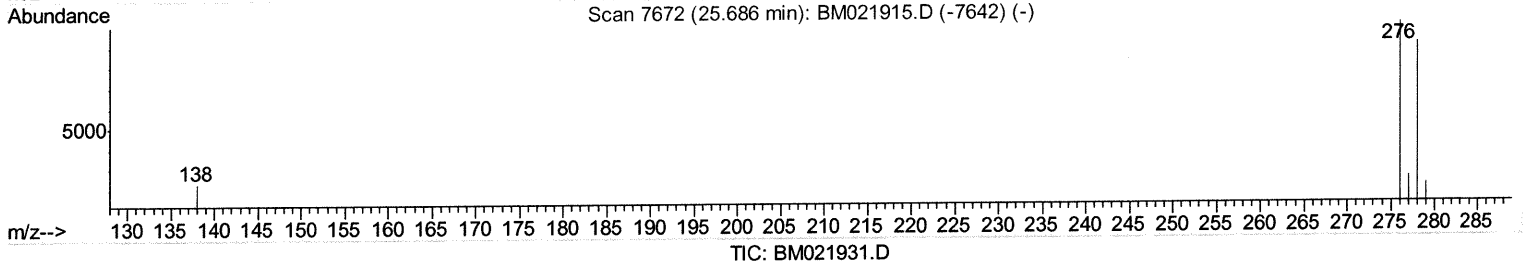
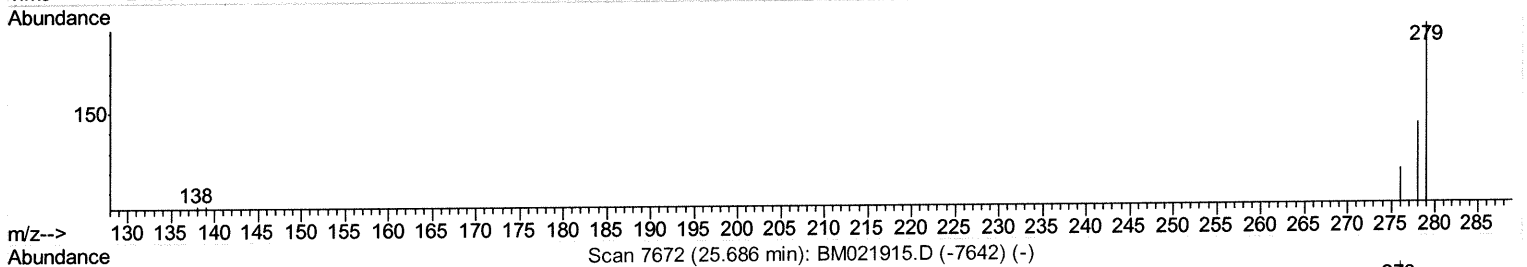
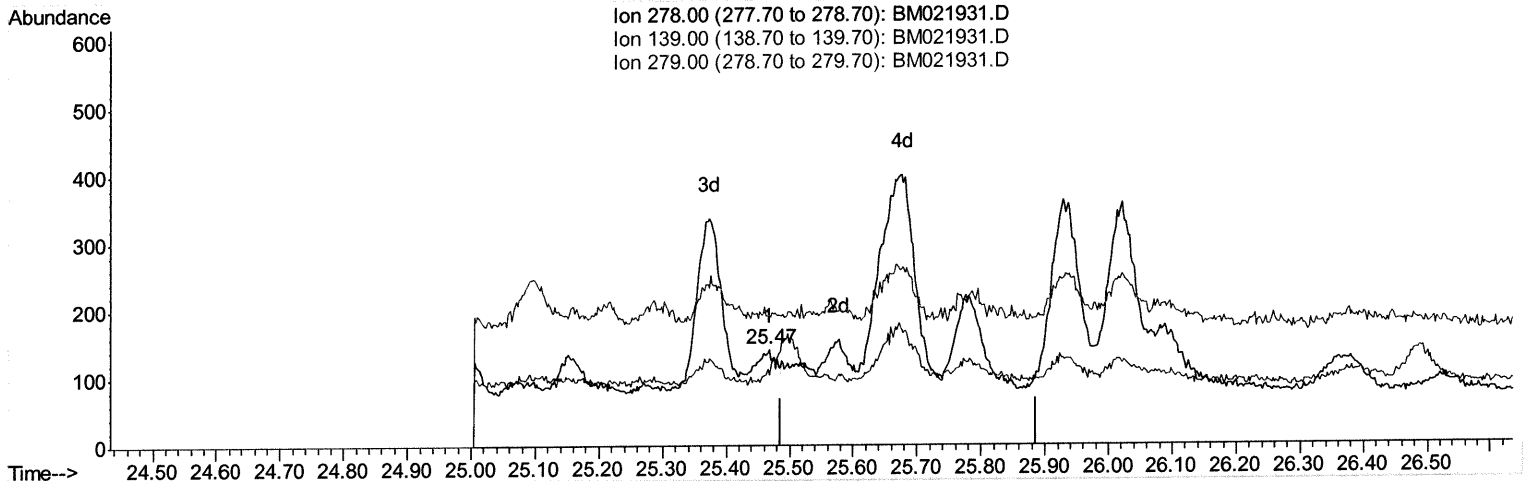
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
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mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.468min (-0.218) 0.00ng/ul

response 59

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	72.54#
279.00	35.40	135.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

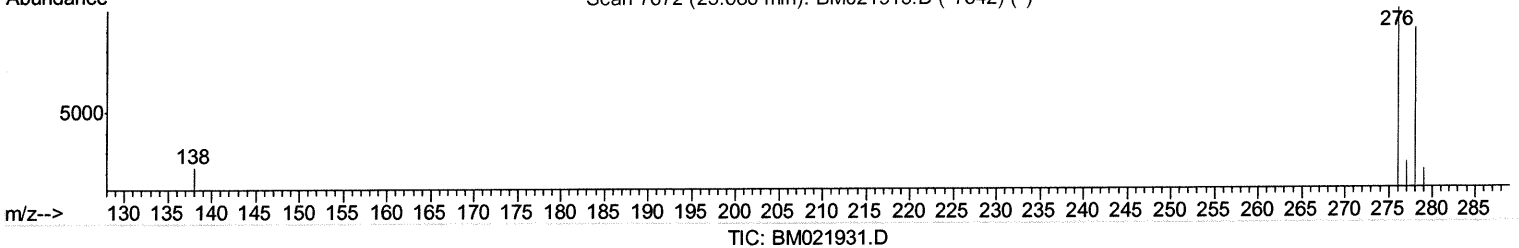
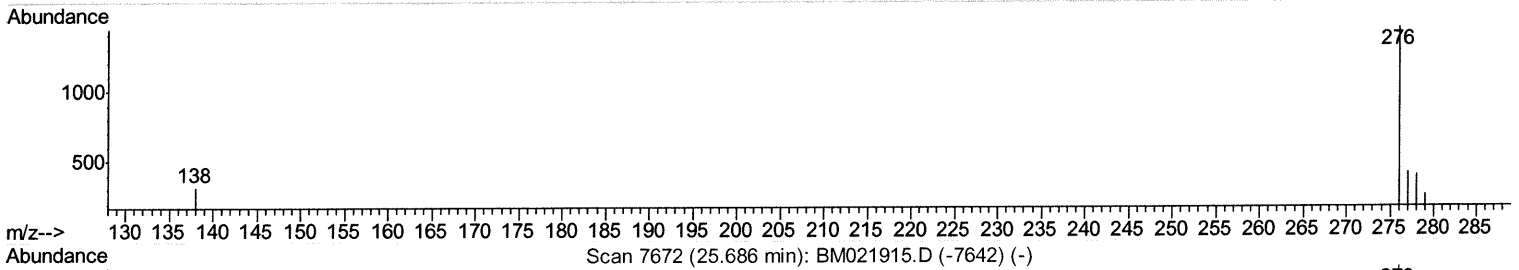
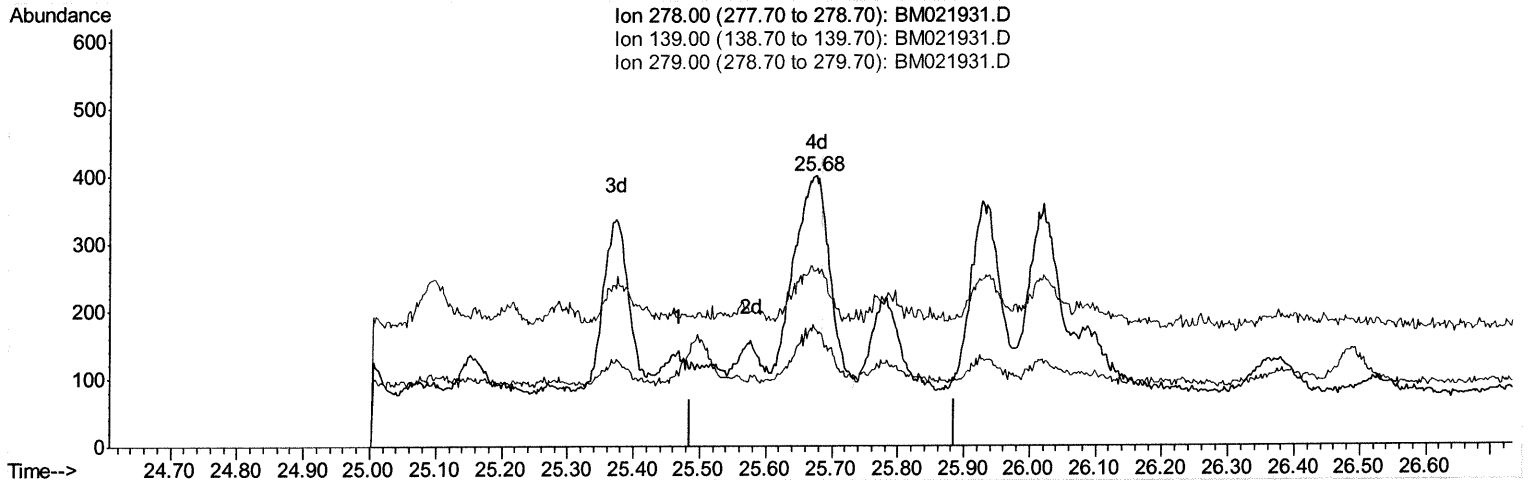
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
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Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.676min (-0.010) 0.09ng/ul m

JU
 08/09/19

response 1178

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	42.75#
279.00	35.40	65.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

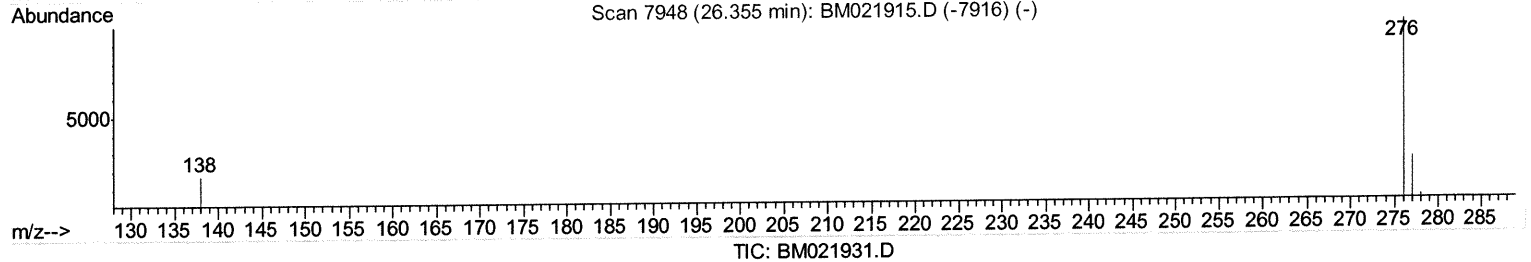
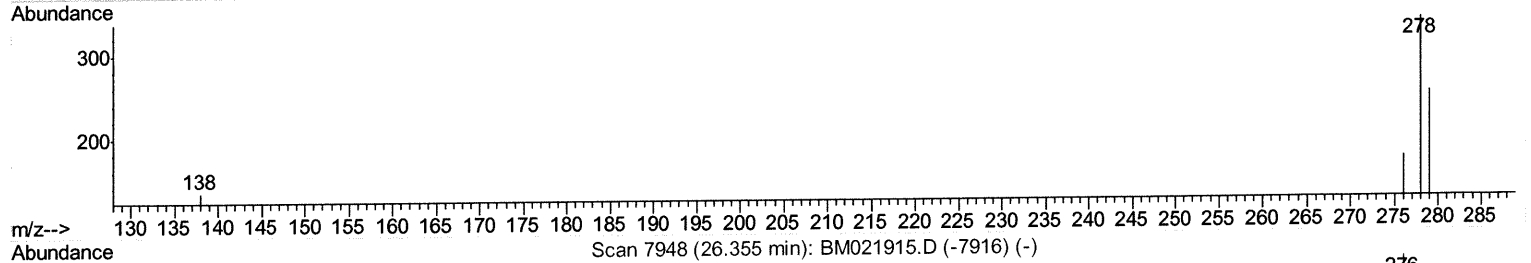
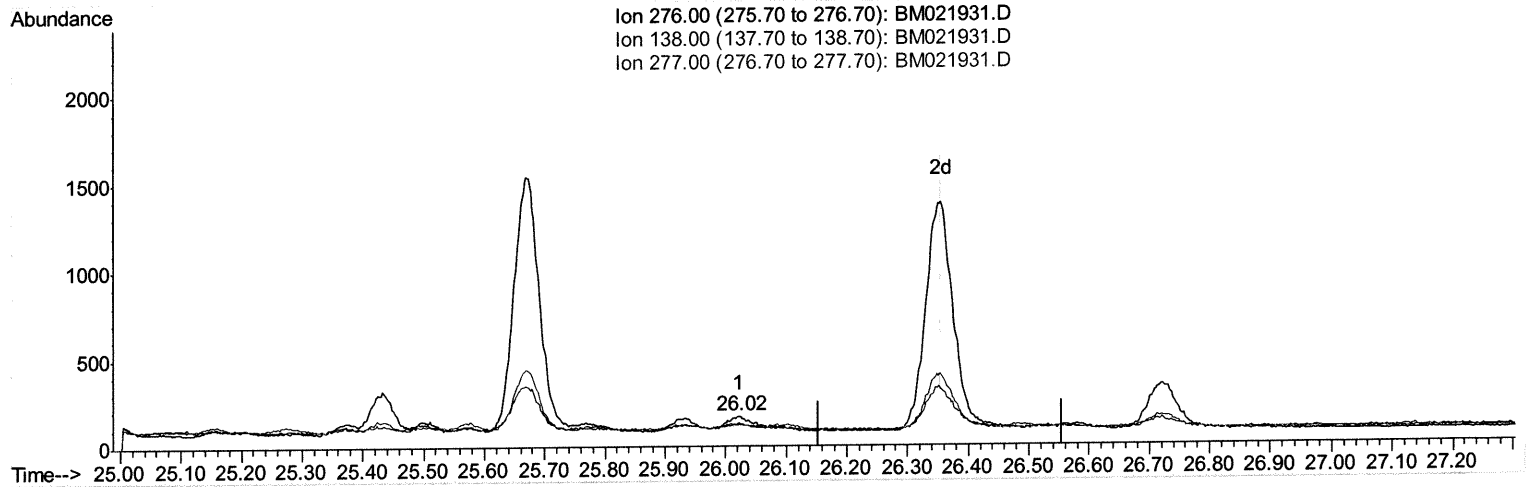
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



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

26.023min (-0.332) 0.01ng/ul

response 146

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	78.95#
277.00	26.80	71.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

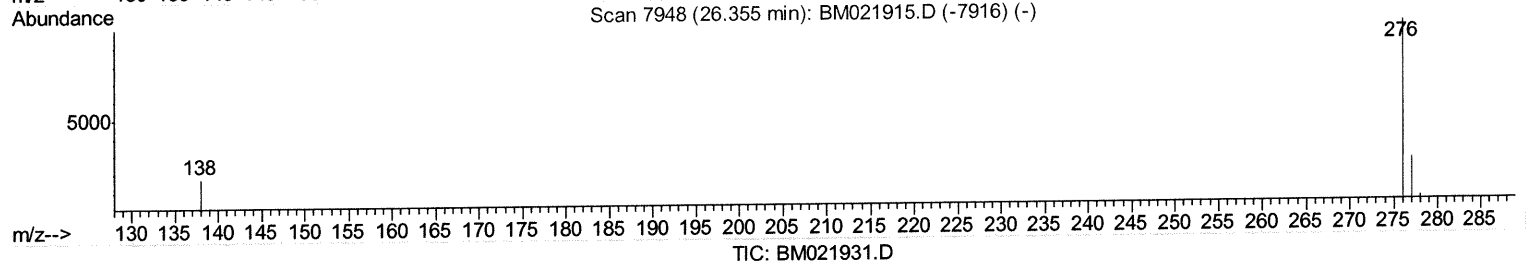
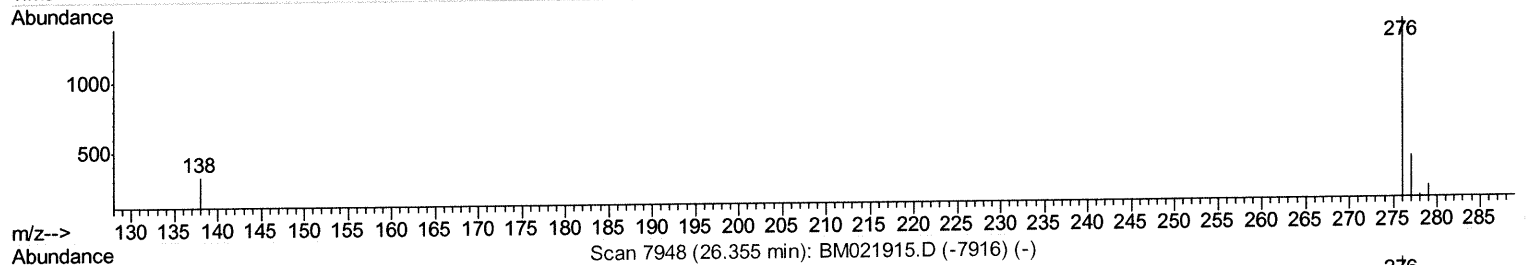
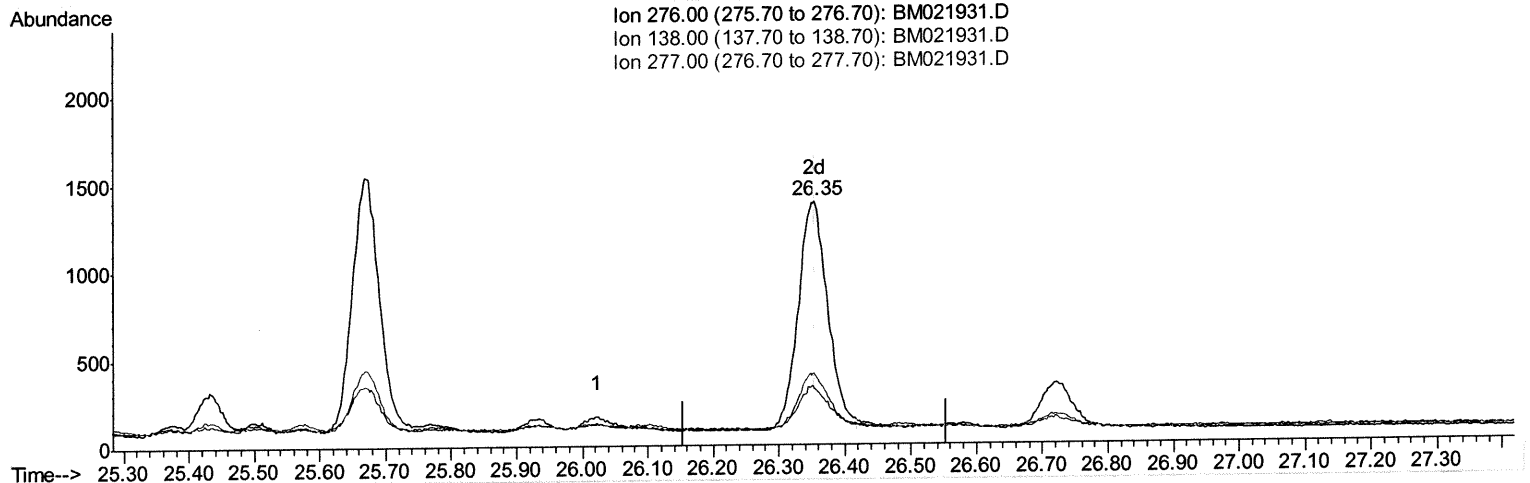
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:28:03 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



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

26.355min (-0.000) 0.28ng/ul m *JU 08/09/19*

response 4141

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	23.29#
277.00	26.80	29.13
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021931.D
 Acq On : 08 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4028-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:43 AM

Quant Time: Aug 08 17:30:51 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3418	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1895	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4381m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4078m →	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4055m →	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.01	152	933	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	2611m →	0.18	ng/ul	-0.01

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Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.45	128	301	0.031	ng/ul#	57
5) 2-Methylnaphthalene	12.09	142	177	0.028	ng/ul	94
7) Acenaphthylene	14.00	152	672	0.076	ng/ul#	77
8) Acenaphthene	14.34	153	203	0.028	ng/ul#	87
9) Fluorene	15.33	166	223	0.028	ng/ul#	92
12) Phenanthrene	17.07	178	4268	0.335	ng/ul	98
13) Anthracene	17.16	178	1209m →	0.111	ng/ul	98
15) Fluoranthene	19.10	202	10355m →	0.606	ng/ul	96
17) Pyrene	19.46	202	11454	0.684	ng/ul	96
18) Benzo(a)anthracene	21.22	228	6580	0.451	ng/ul	97
19) Chrysene	21.27	228	6669	0.355	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	8591m →	0.628	ng/ul	97
22) Benzo(k)fluoranthene	22.82	252	3267m →	0.211	ng/ul	97
23) Benzo(a)pyrene	23.35	252	6721m →	0.483	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.67	276	4209m →	0.253	ng/ul	97
25) Dibenzo(a,h)anthracene	25.68	278	1178m →	0.088	ng/ul	97
26) Benzo(g,h,i)perylene	26.35	276	4141m →	0.277	ng/ul	97

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