

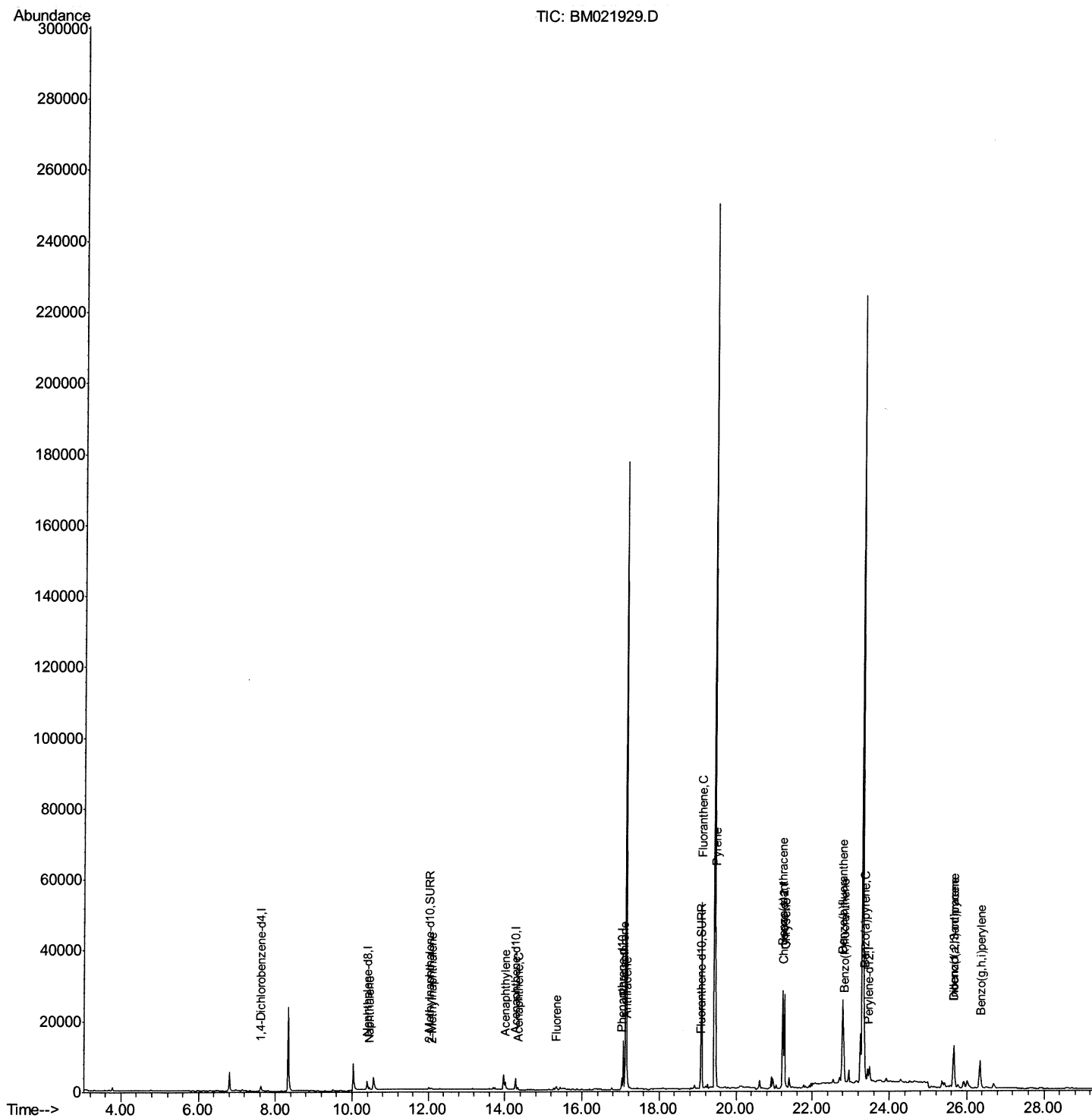
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021929.D
Acq On : 08 Aug 2019 12:31
Operator : HP/JU
Sample : K4029-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:14:17 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)

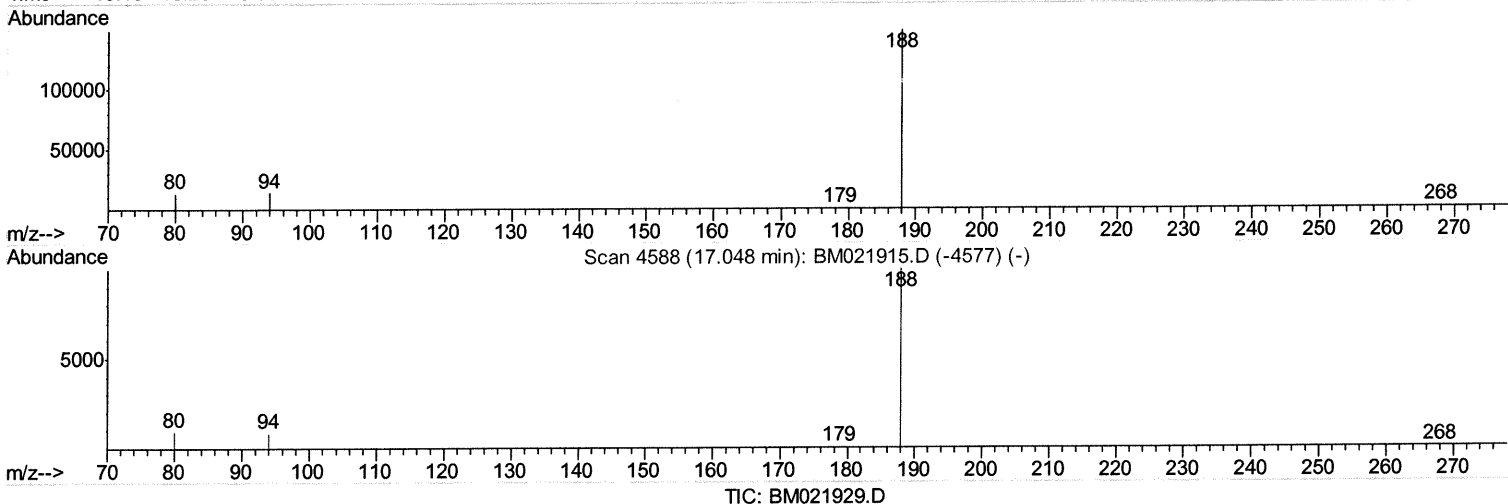
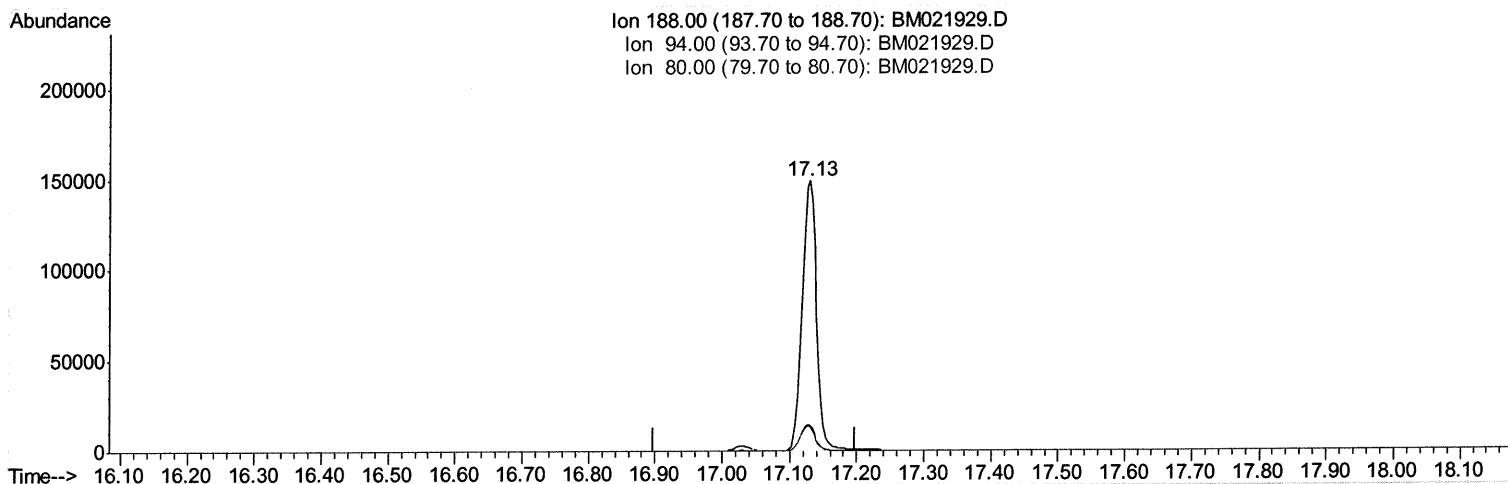
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:06:32 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 216912

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.59
80.00	11.40	9.20
0.00	0.00	0.00

Quantitation Report (Qedit)

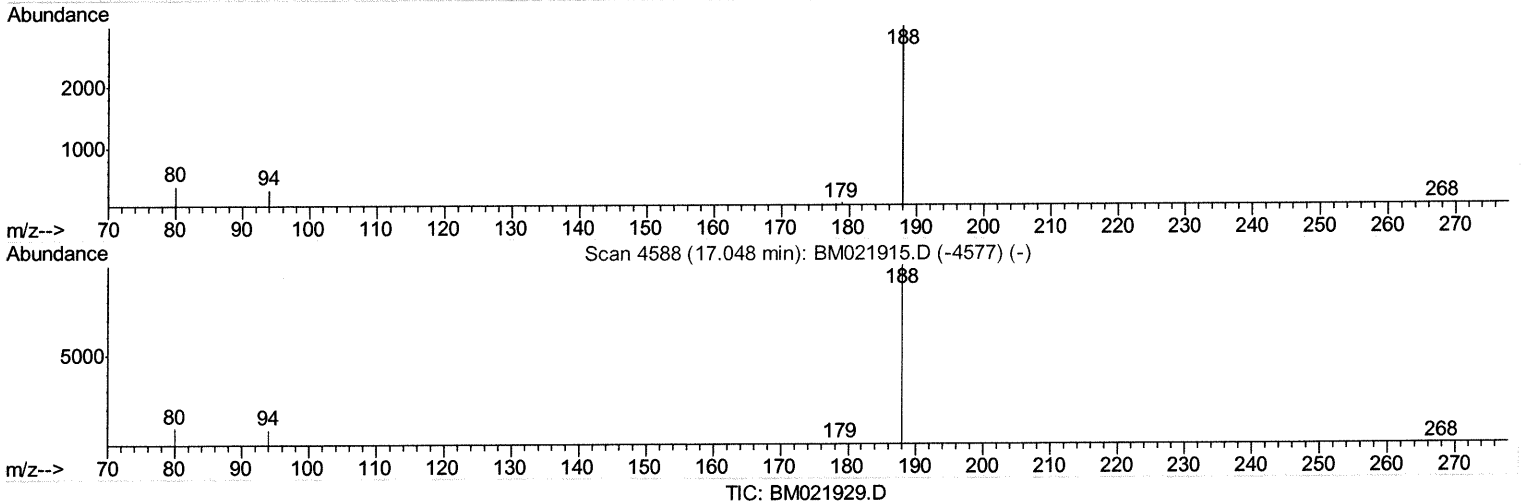
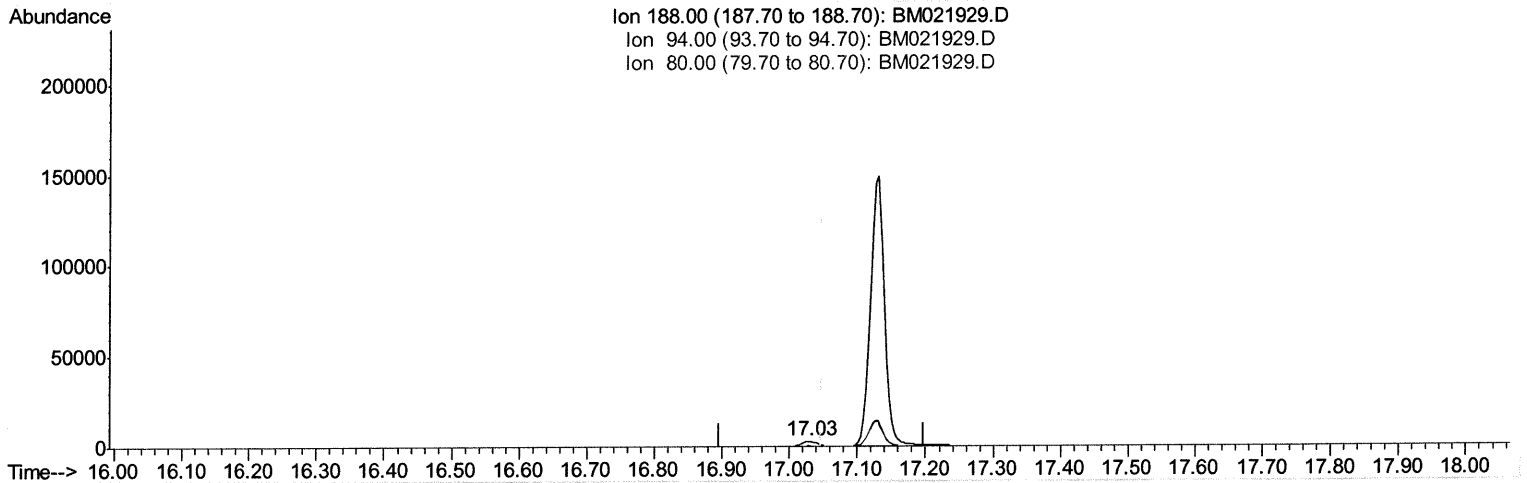
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:06:32 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 4295

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.73
80.00	11.40	12.61
0.00	0.00	0.00

Quantitation Report (Qedit)

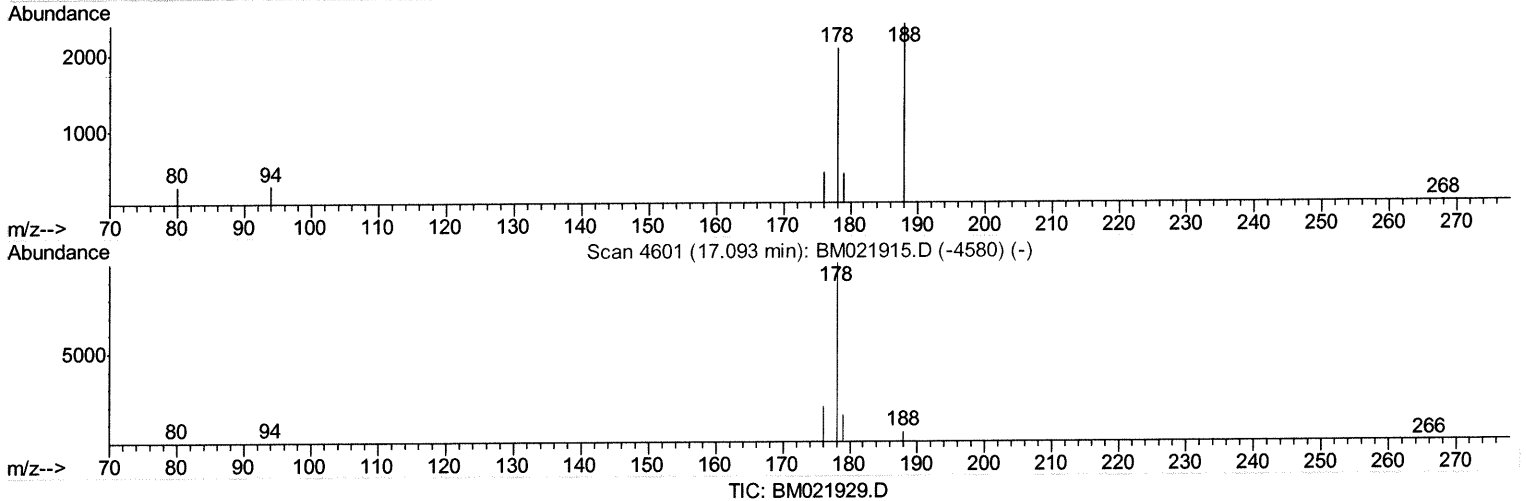
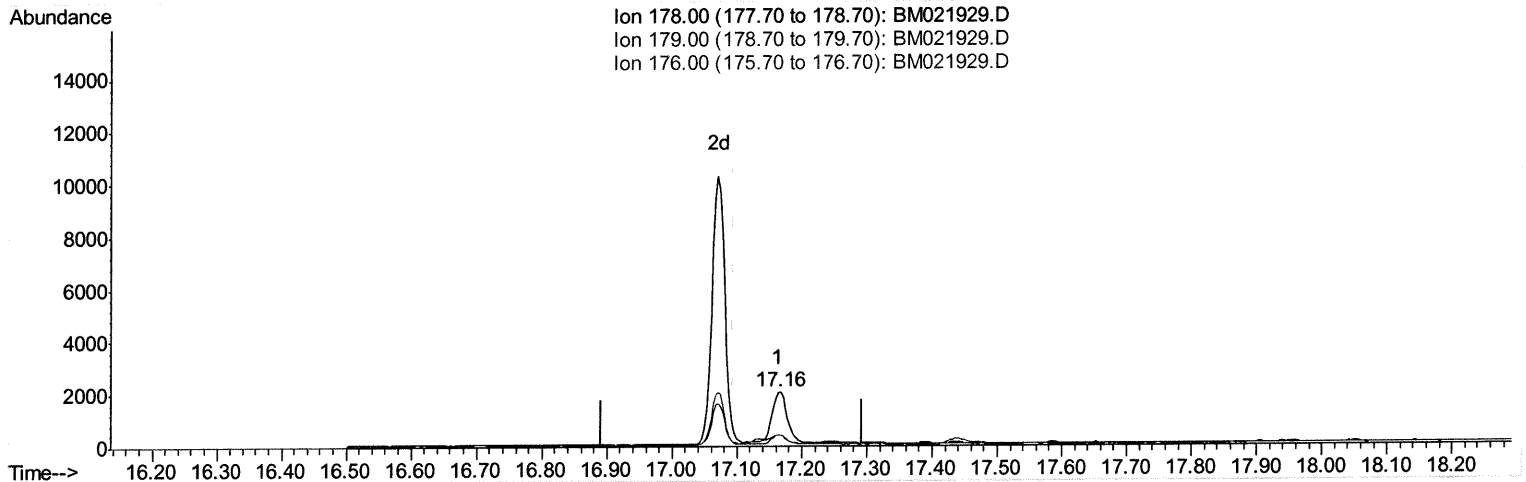
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(12) Phenanthrene

17.164min (+0.071) 0.27ng/ul

response 3399

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	20.91
176.00	21.00	21.39
0.00	0.00	0.00

Quantitation Report (Qedit)

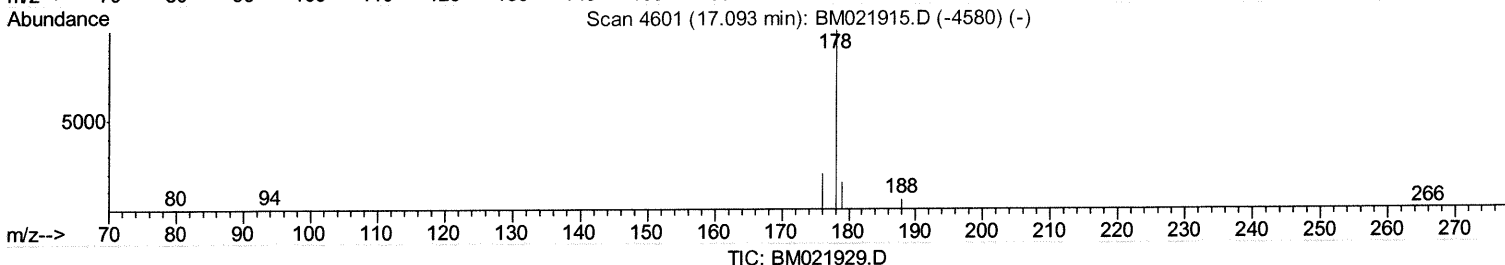
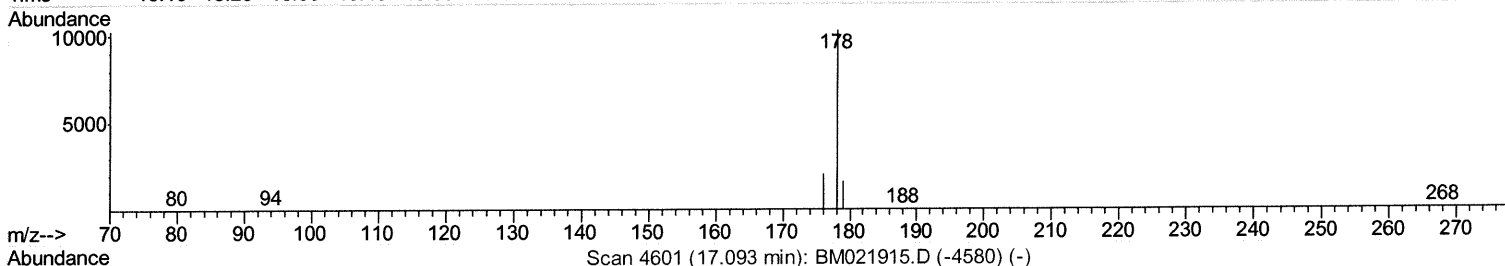
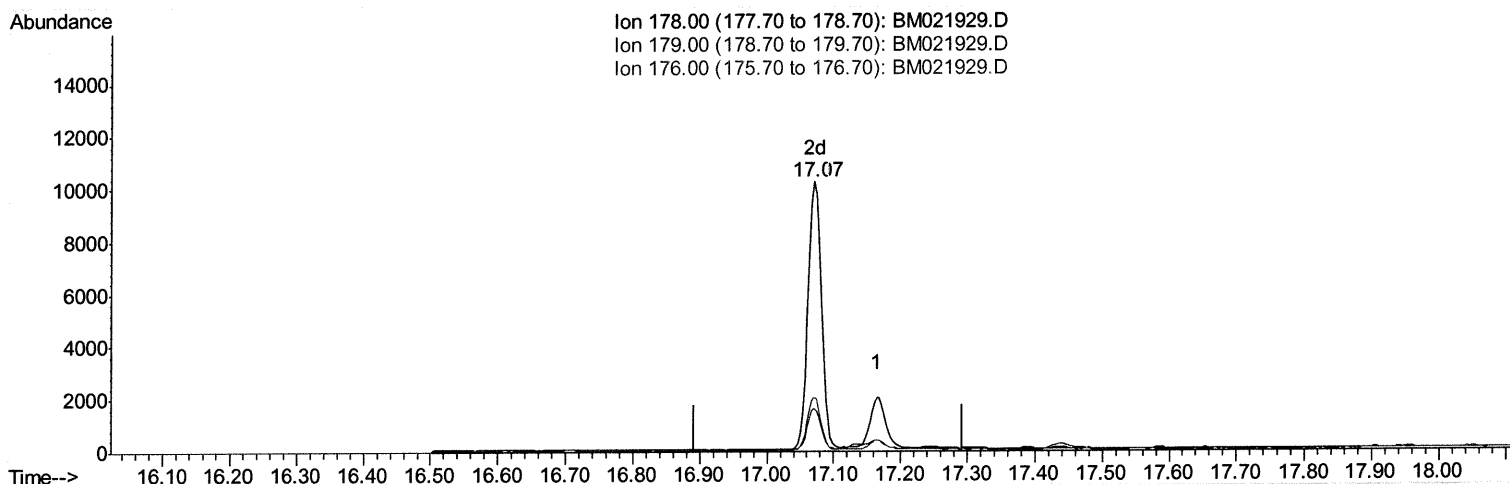
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(12) Phenanthrene

17.070min (-0.023) 1.13ng/ul m

JU
 08/09/19

response 14109

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.85
176.00	21.00	20.15
0.00	0.00	0.00

Quantitation Report (Qedit)

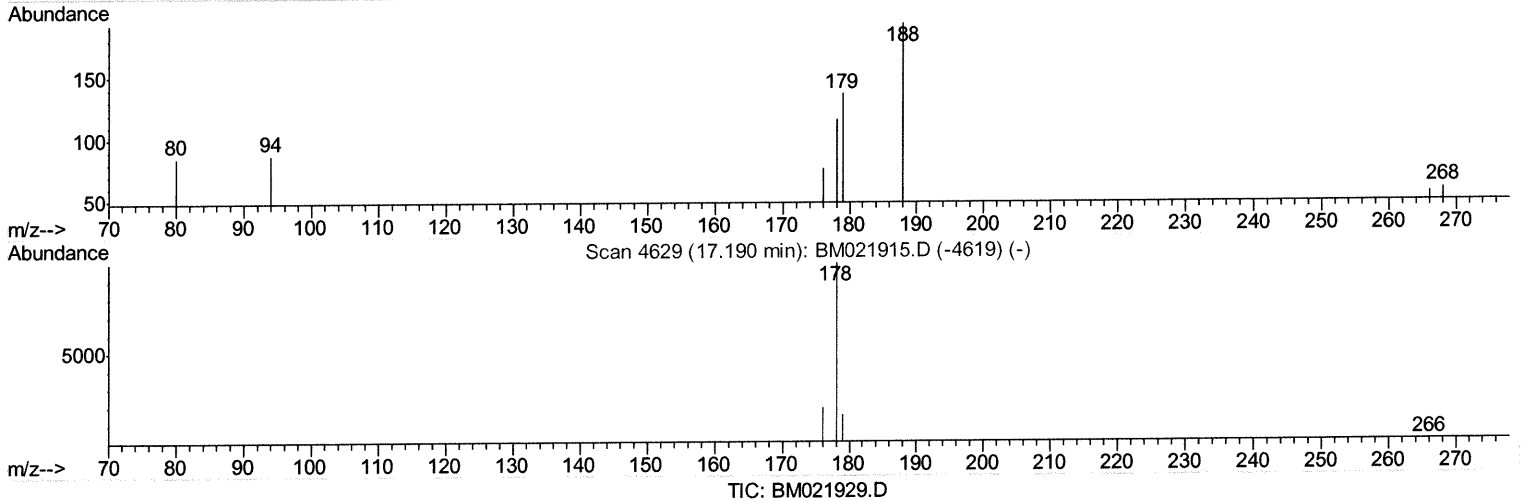
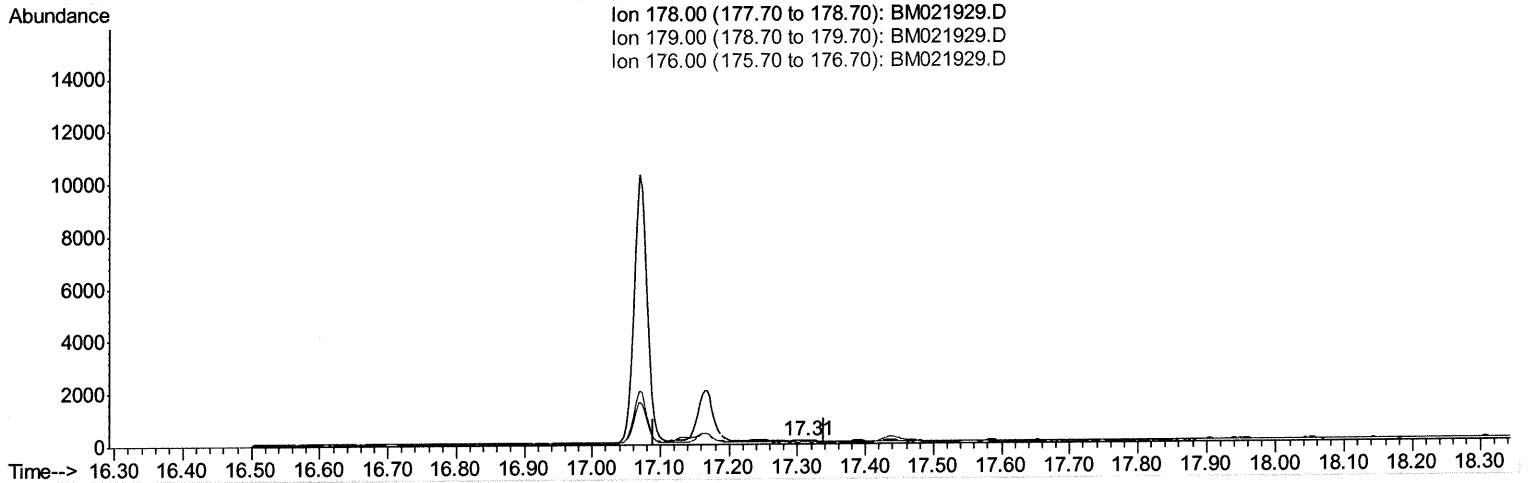
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENY4

Manual Integrations
APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(13) Anthracene

17.313min (+0.123) 0.00ng/ul

response 50

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	117.24#
176.00	20.80	65.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

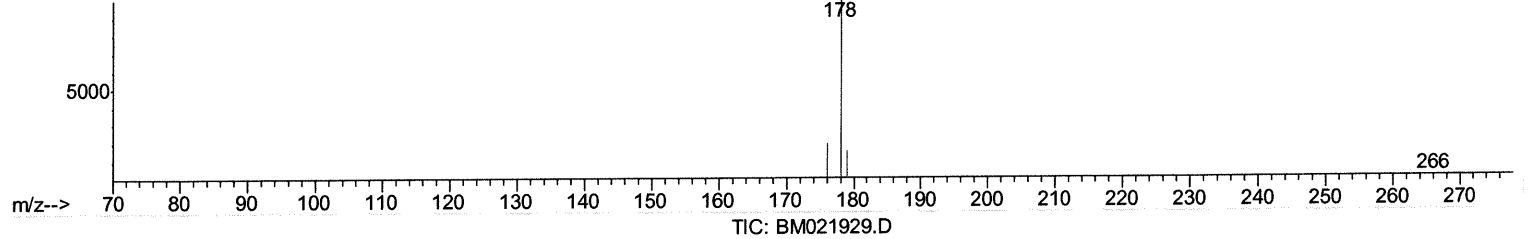
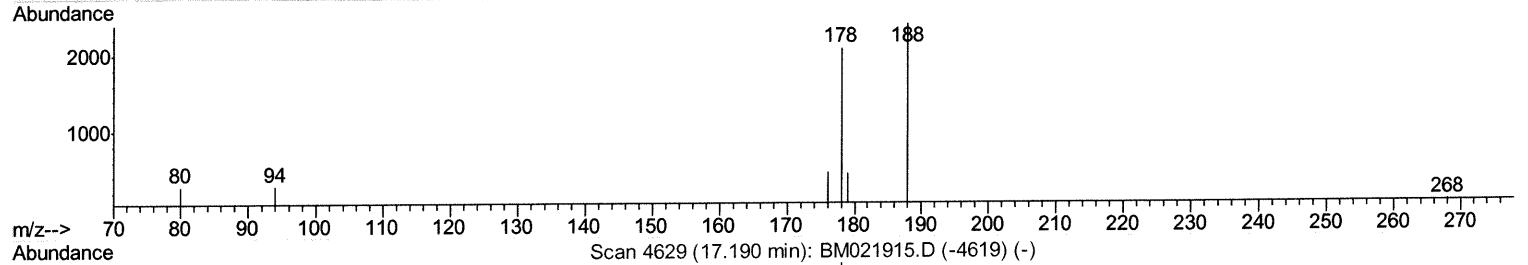
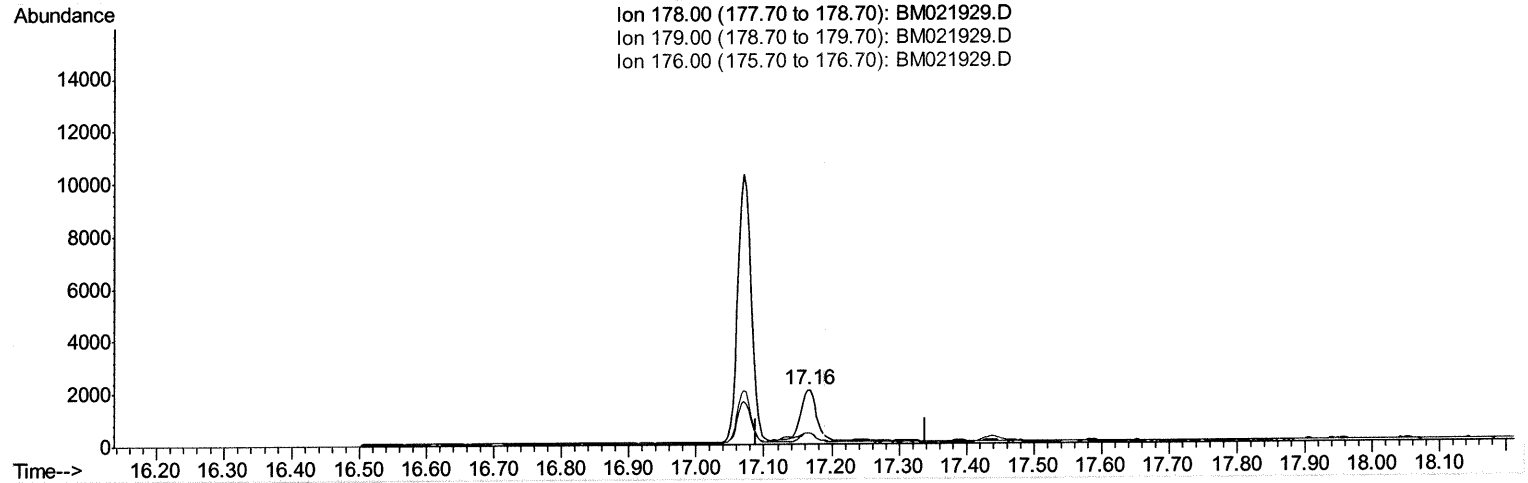
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(13) Anthracene

17.164min (-0.026) 0.32ng/ul m

JU
 08/09/19

response 3386

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	20.91
176.00	20.80	21.39
0.00	0.00	0.00

Quantitation Report (Qedit)

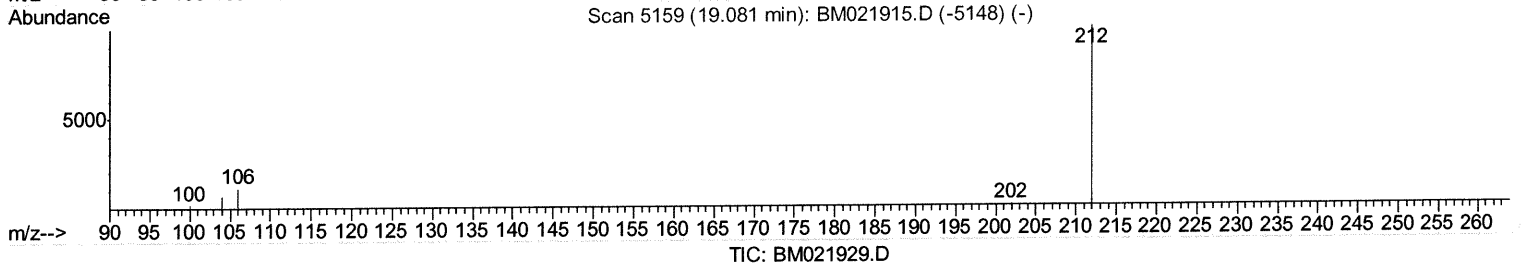
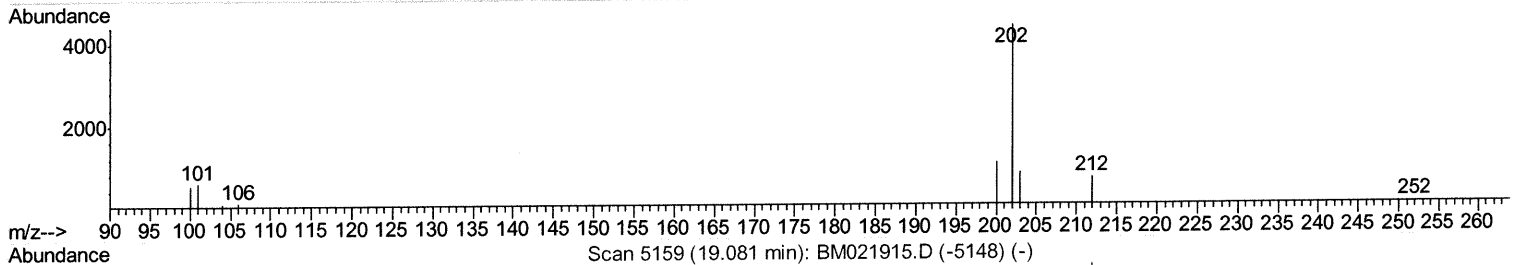
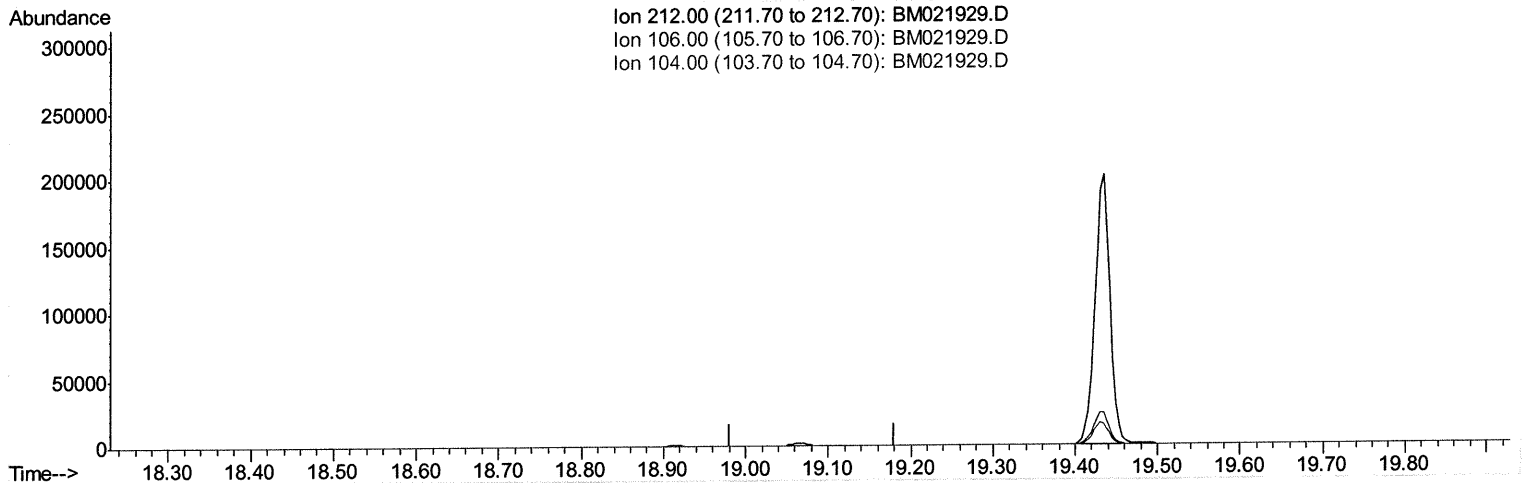
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(14) Fluoranthene-d10 (SURR)

19.081min (-19.081) 0.00ng/ui

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)

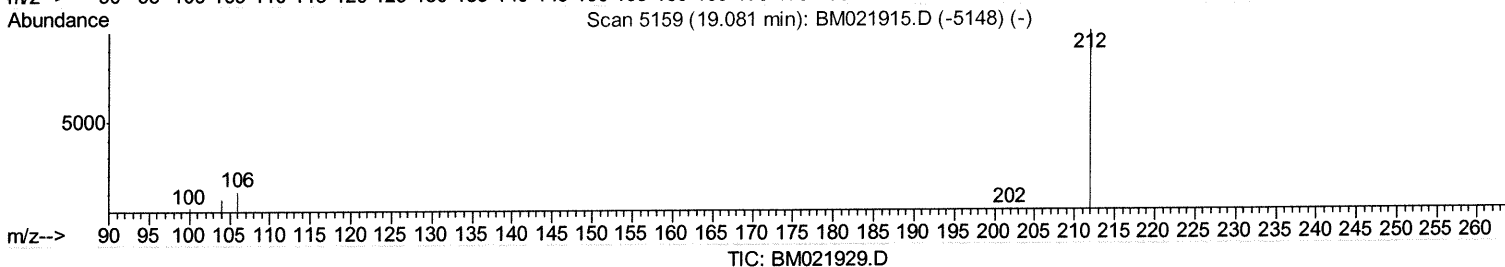
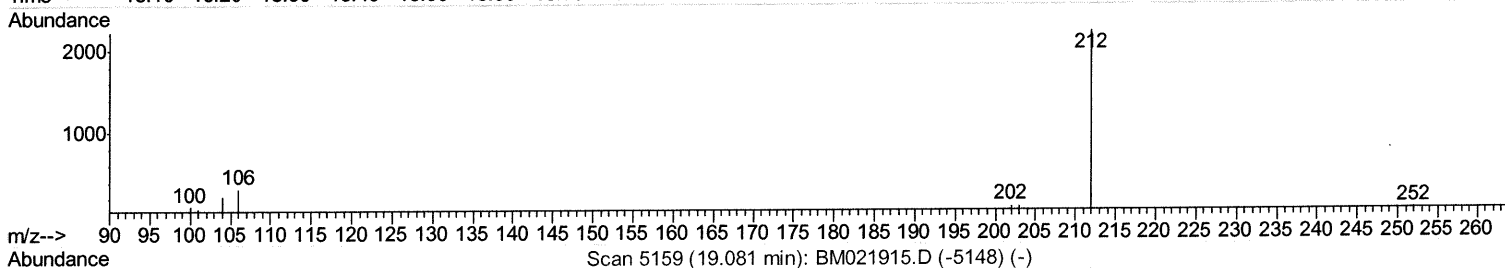
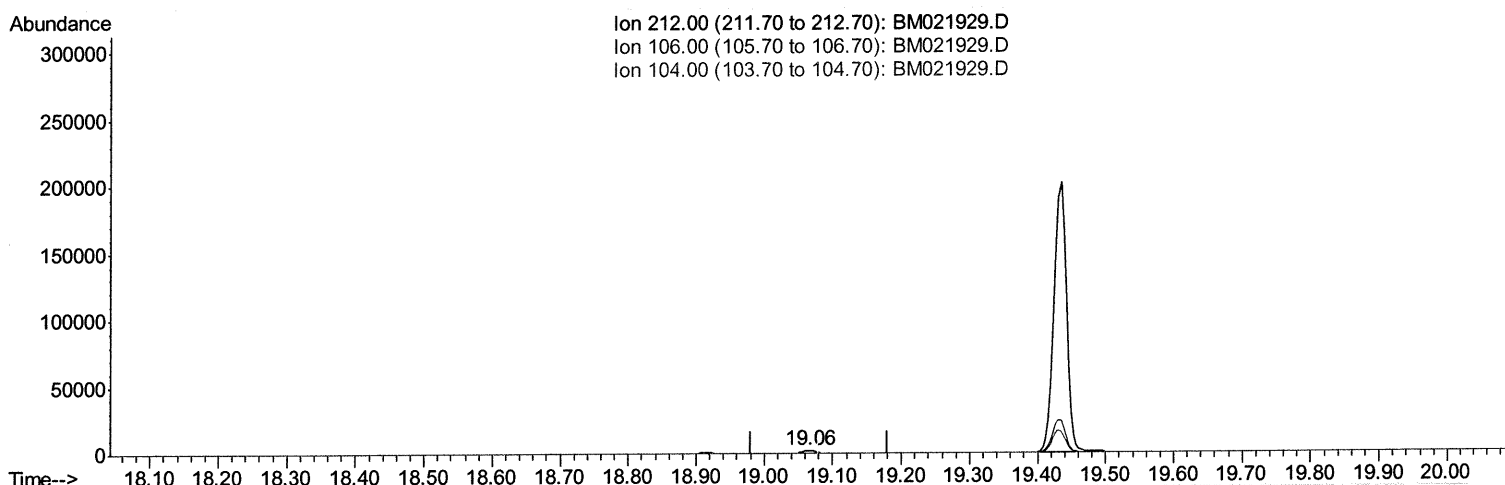
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(14) Fluoranthene-d10 (SURR)

19.064min (-0.017) 0.21ng/ul m

JU 08/09/19

response 3030

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)

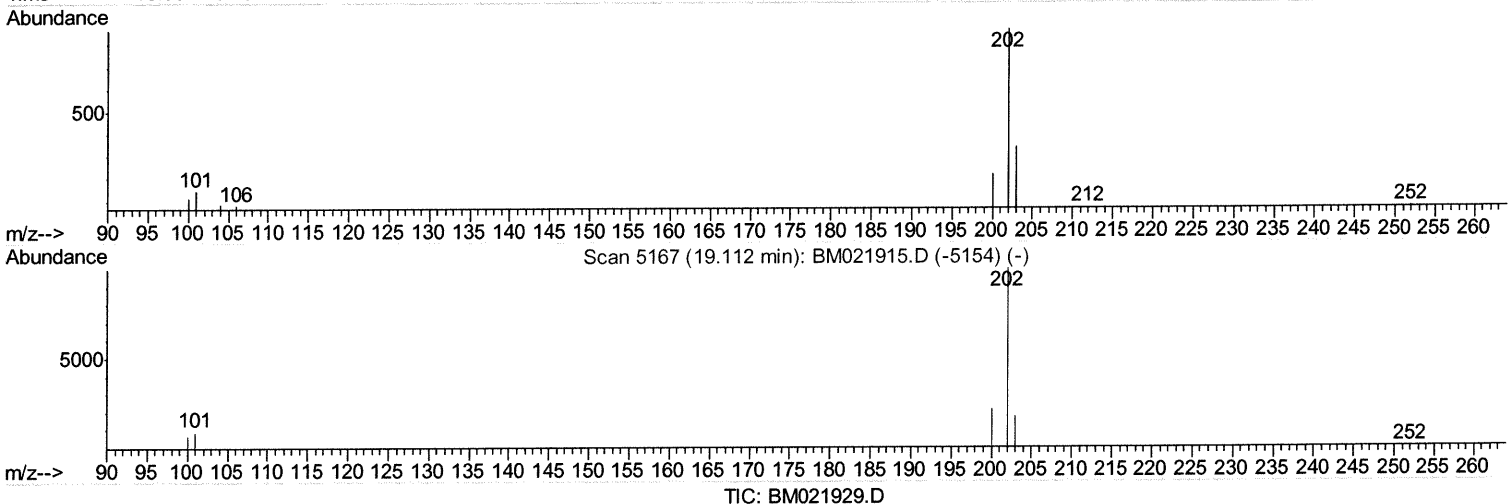
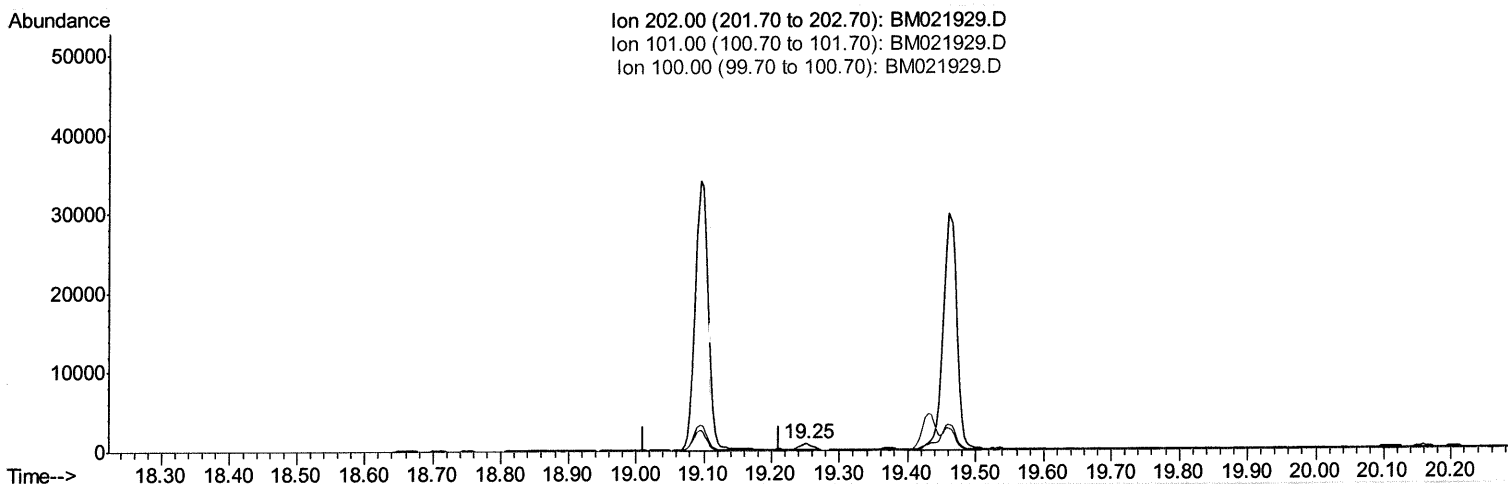
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(15) Fluoranthene (C)

19.251min (+0.139) 0.06ng/ul

response 938

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	16.82
100.00	8.10	13.13
0.00	0.00	0.00

Quantitation Report (Qedit)

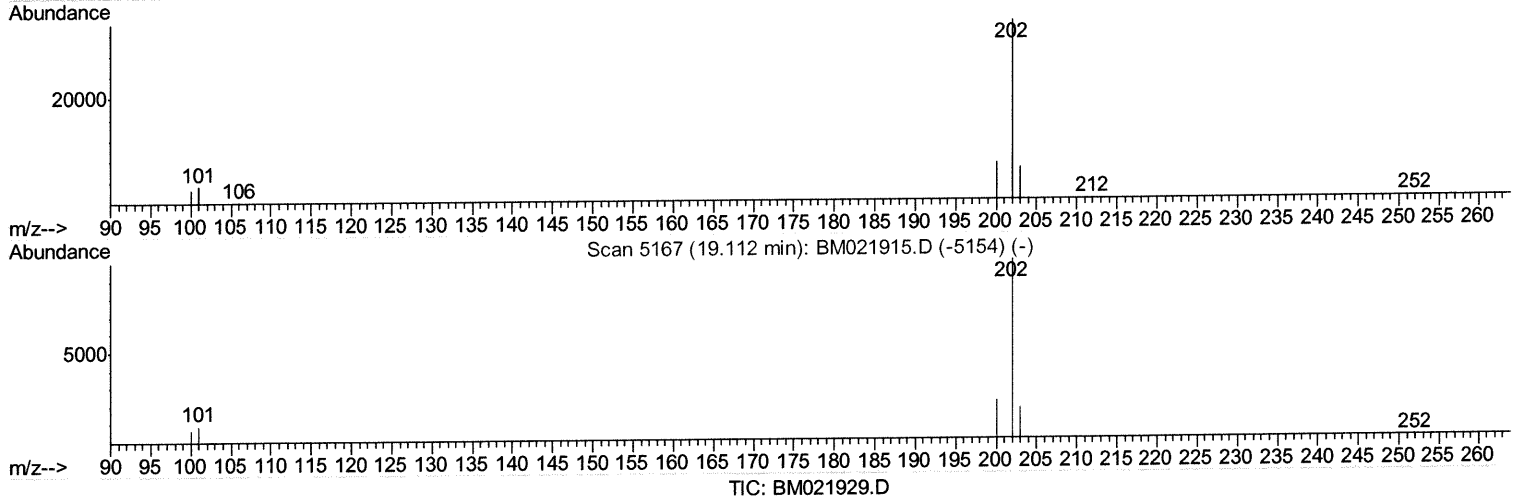
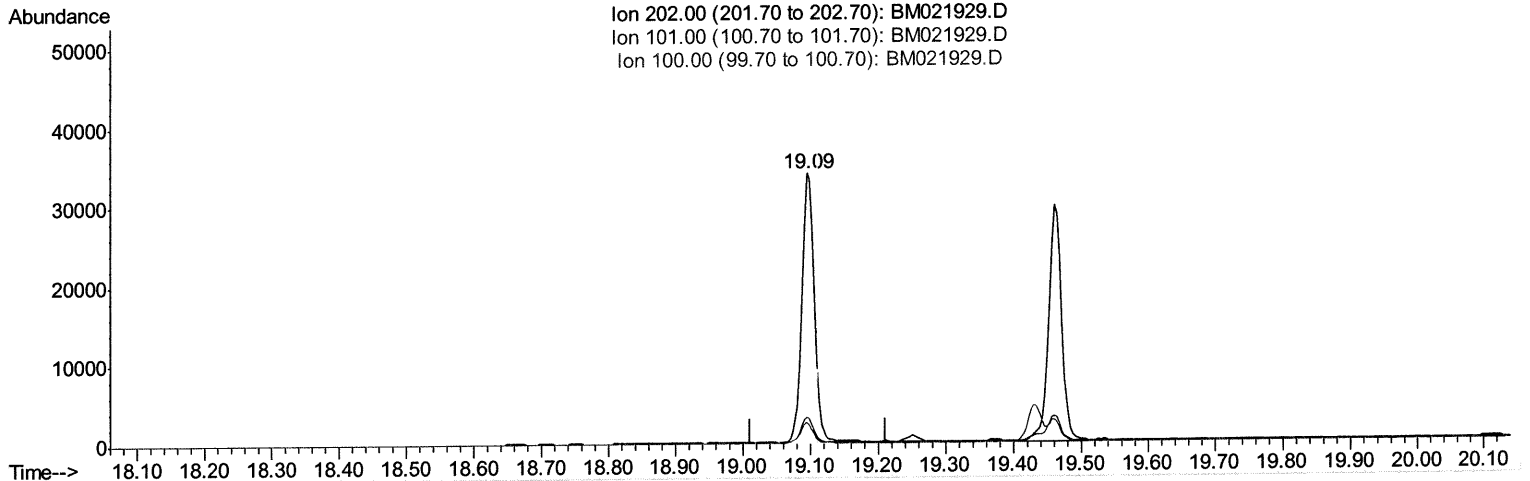
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(15) Fluoranthene (C)

19.095min (-0.017) 2.69ng/ul m *JU 08/09/19*

response 45044

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.70
100.00	8.10	7.62
0.00	0.00	0.00

Quantitation Report (Qedit)

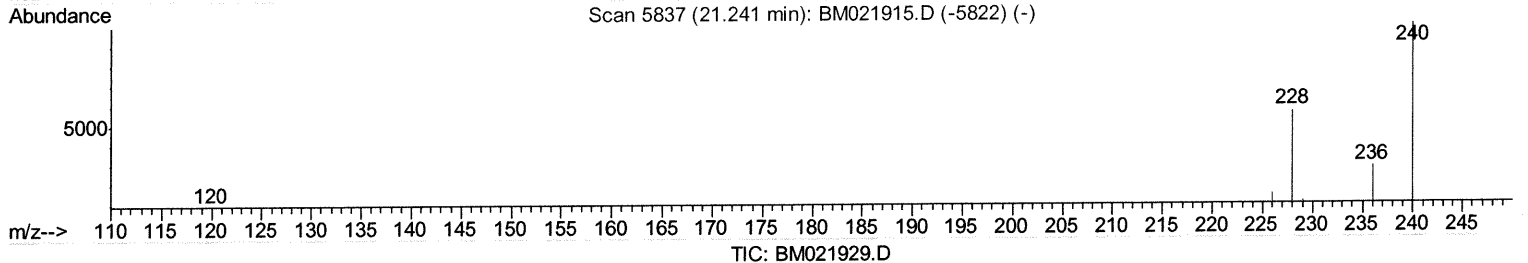
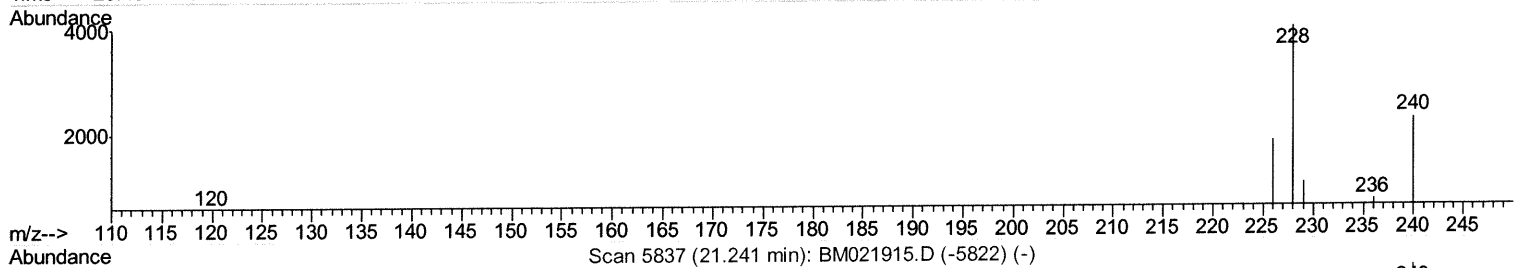
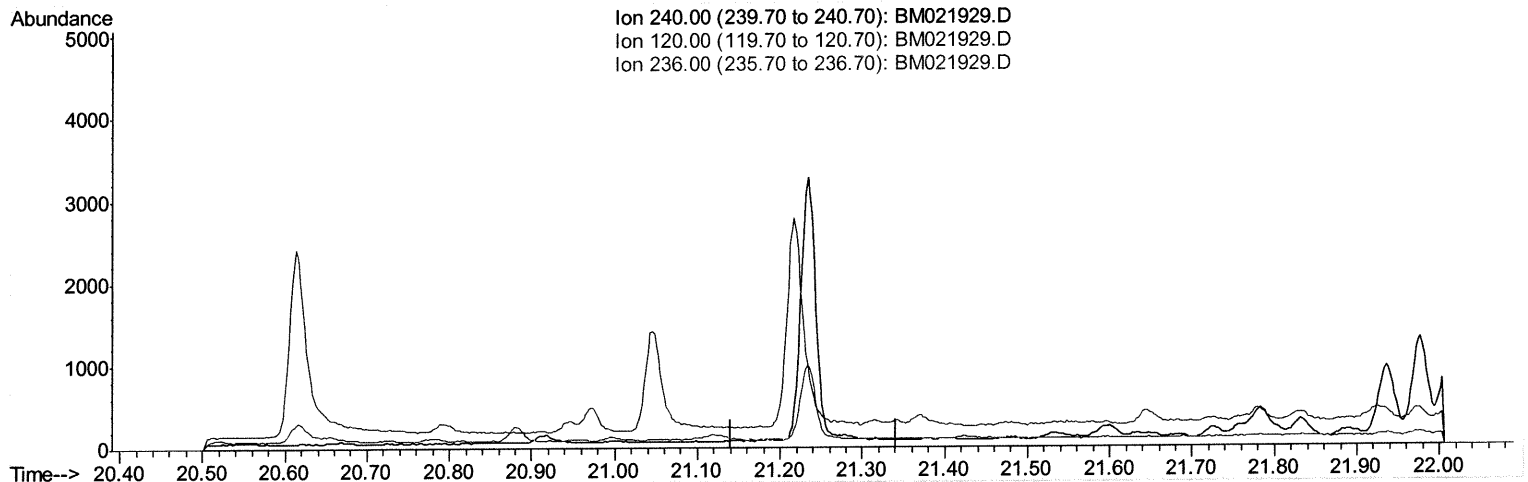
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(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)

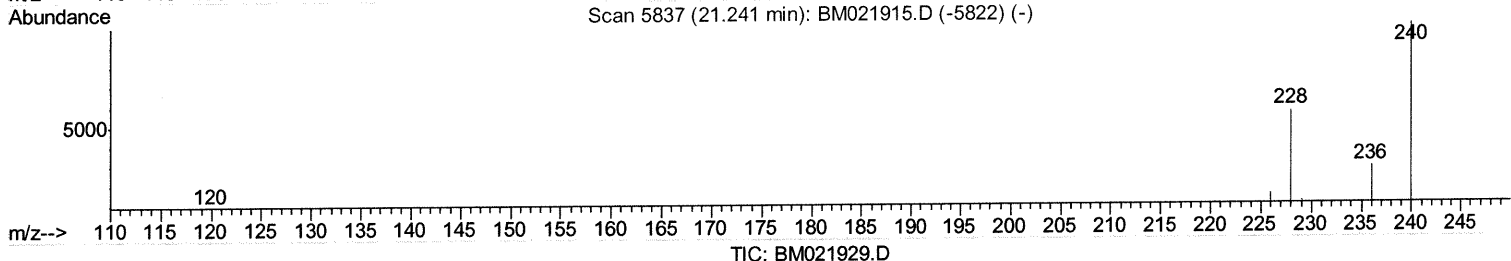
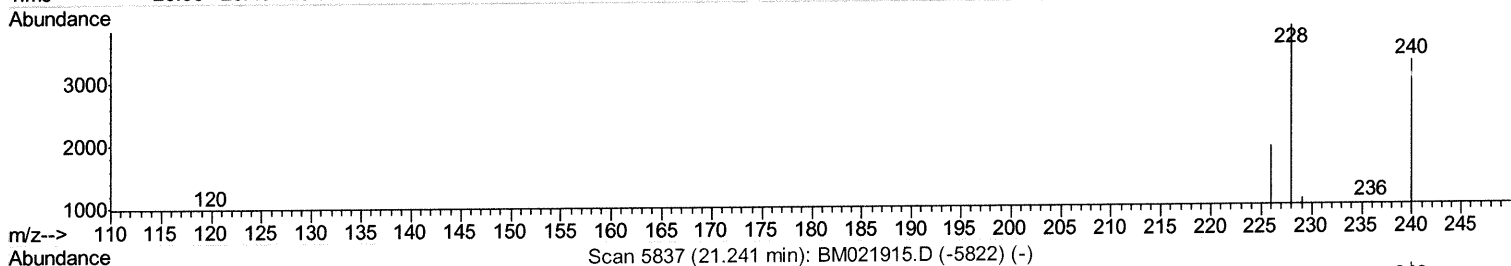
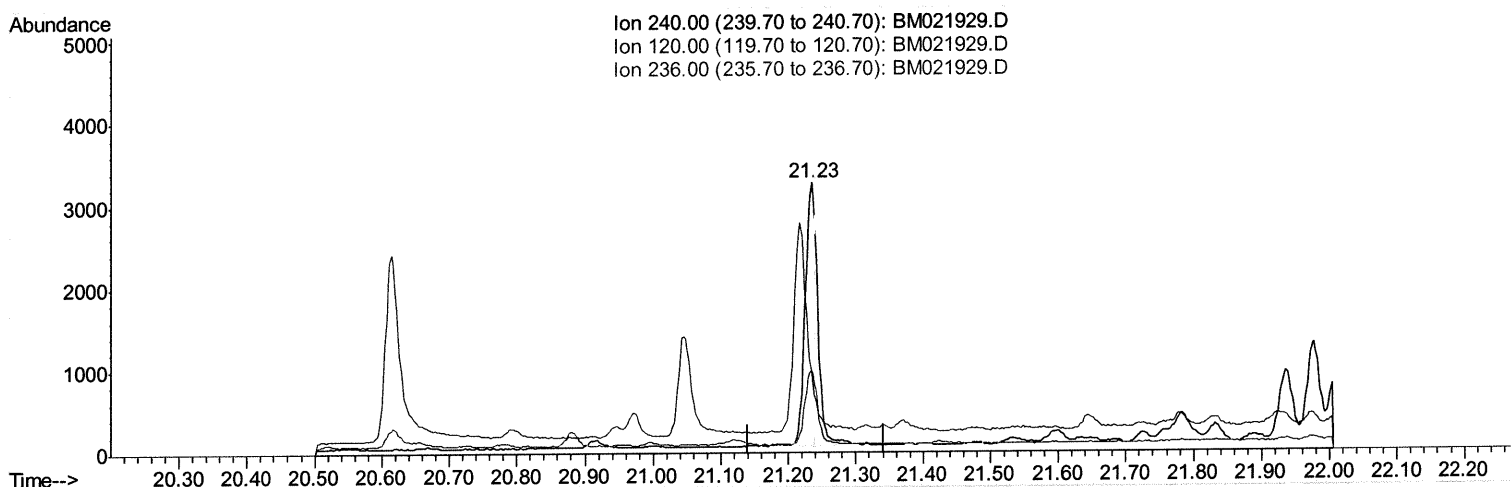
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:08:51 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



(16) Chrysene-d12 (I)

21.234min (-0.008) 0.40ng/ul m

20 Aug 2019

response 4031

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	29.95#
236.00	32.30	30.56
0.00	0.00	0.00

Quantitation Report (Qedit)

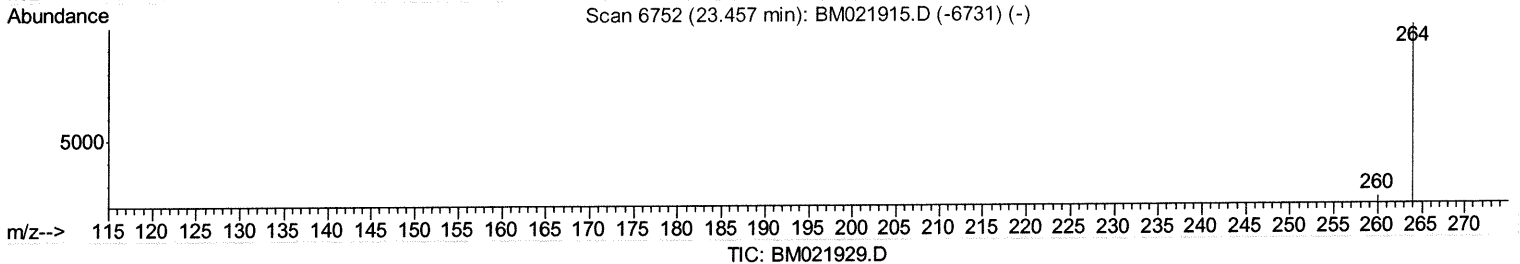
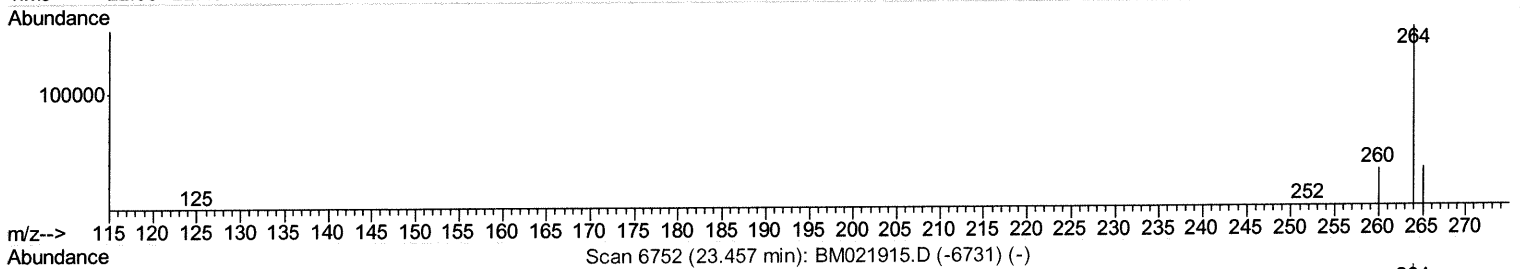
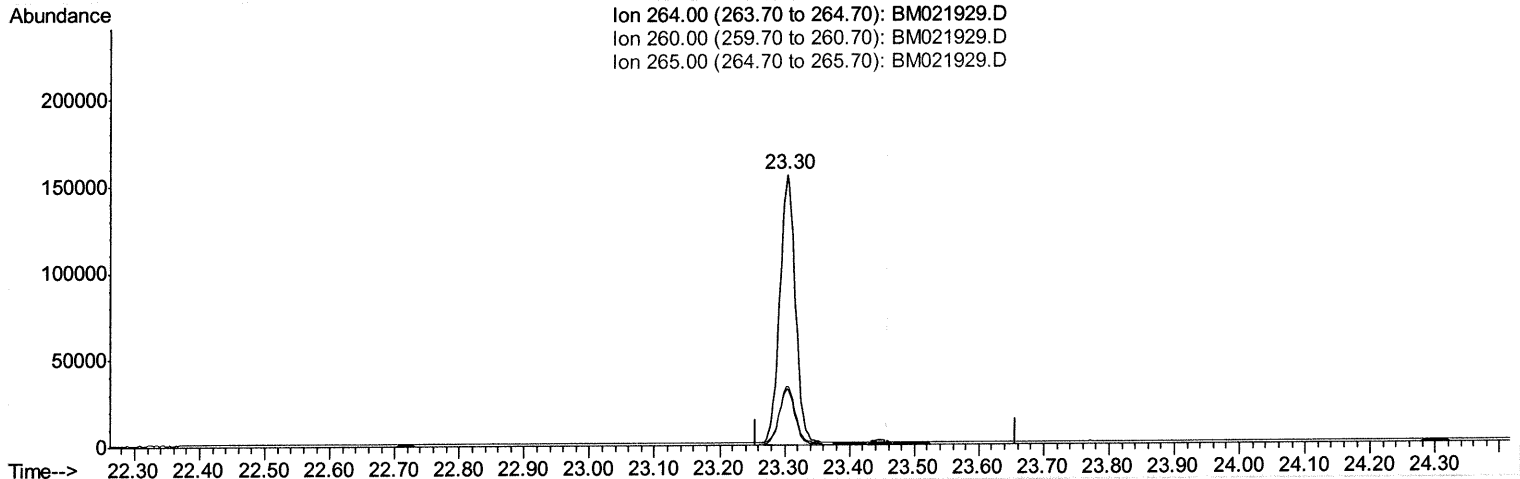
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:05 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 260638

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.84#
265.00	117.00	21.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

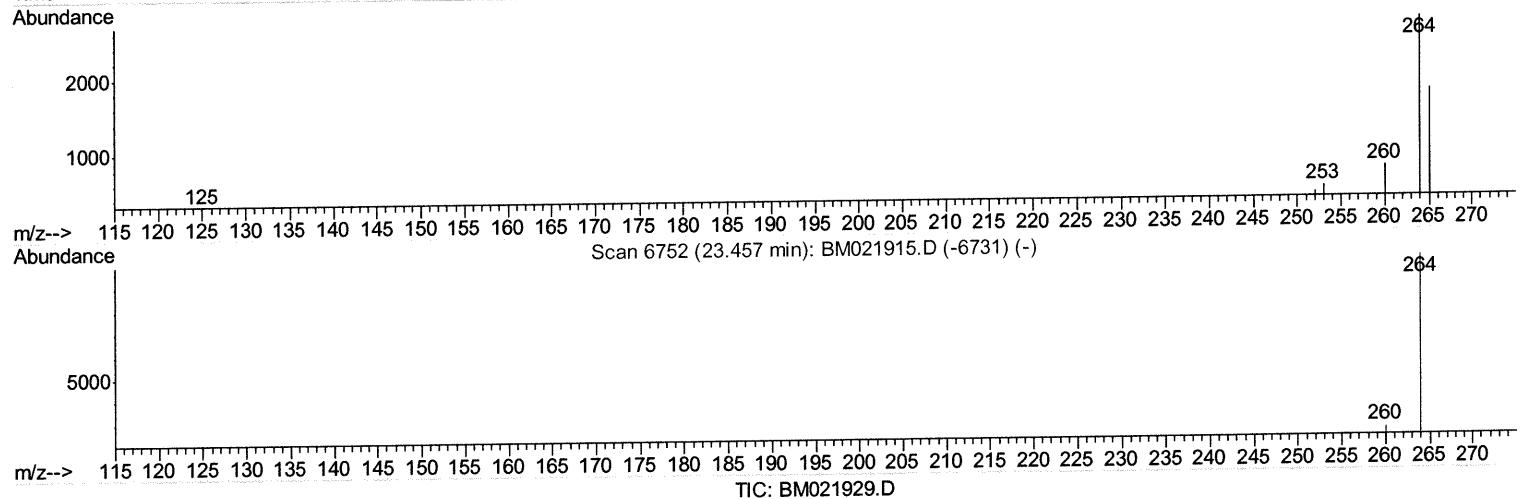
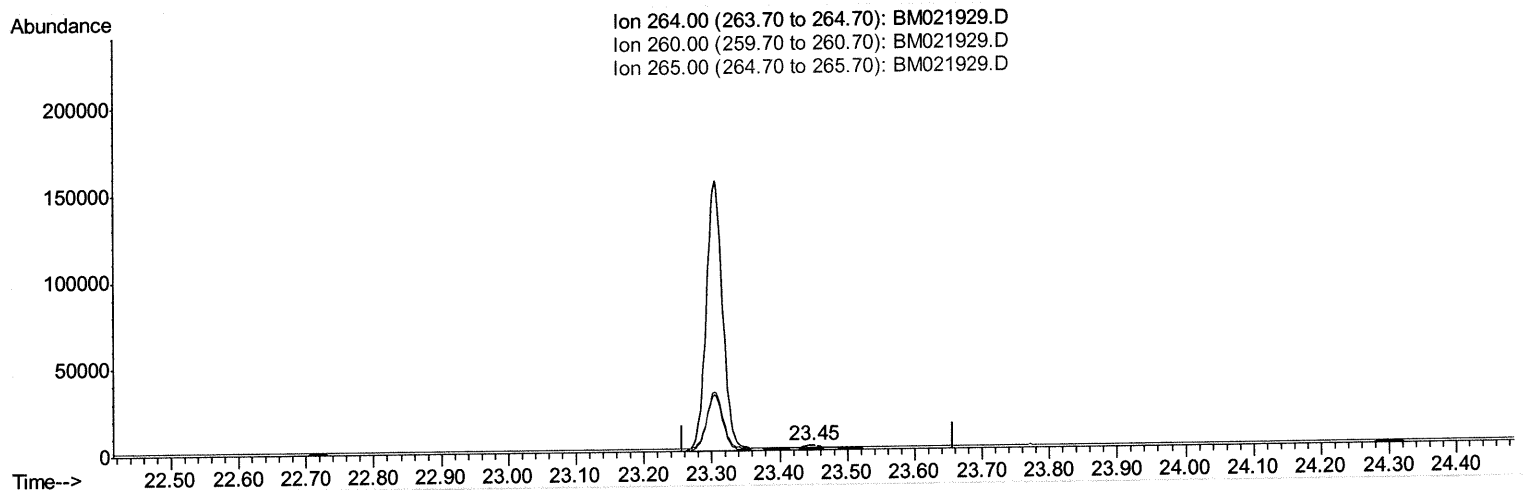
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:05 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)

23.447min (-0.010) 0.40ng/ul m

JU
 08/09/19

response 3951

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.92
265.00	117.00	64.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

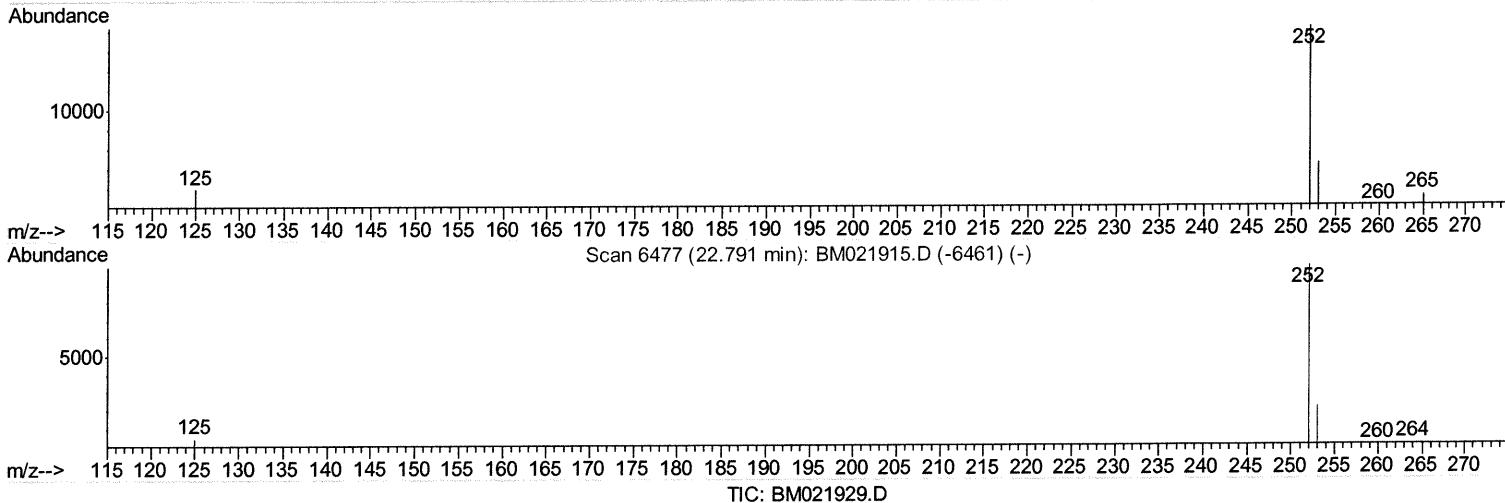
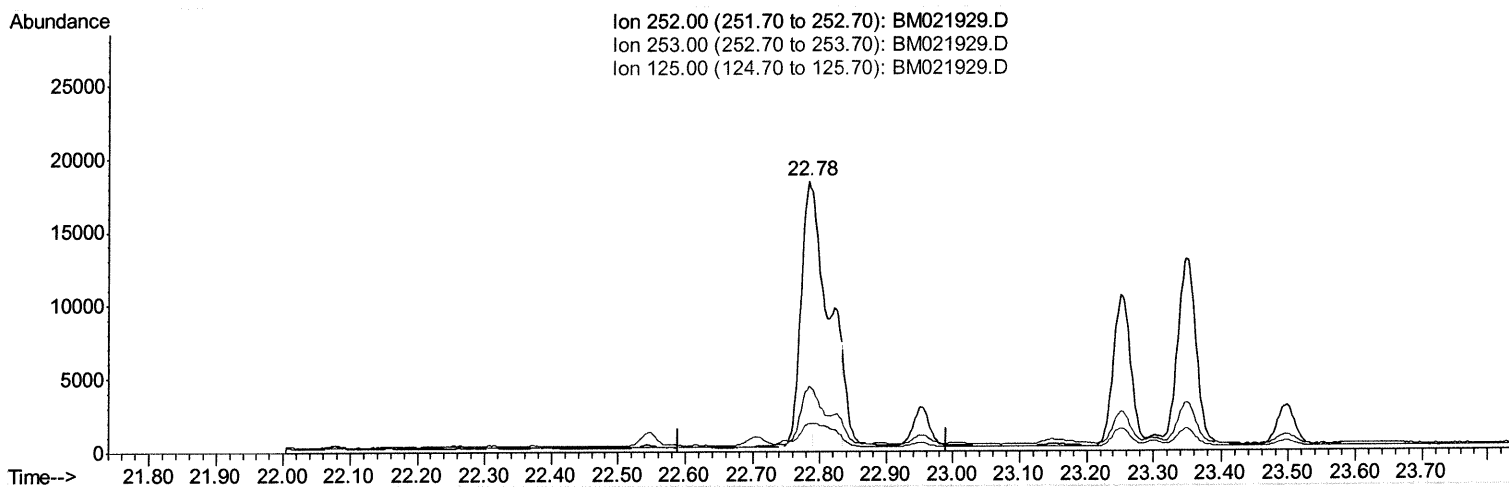
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021929.D
Acq On : 08 Aug 2019 12:31
Operator : HP/JU
Sample : K4029-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

22.783min (-0.008) 3.69ng/ul

response 49229

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.21
125.00	15.50	10.47
0.00	0.00	0.00

Quantitation Report (Qedit)

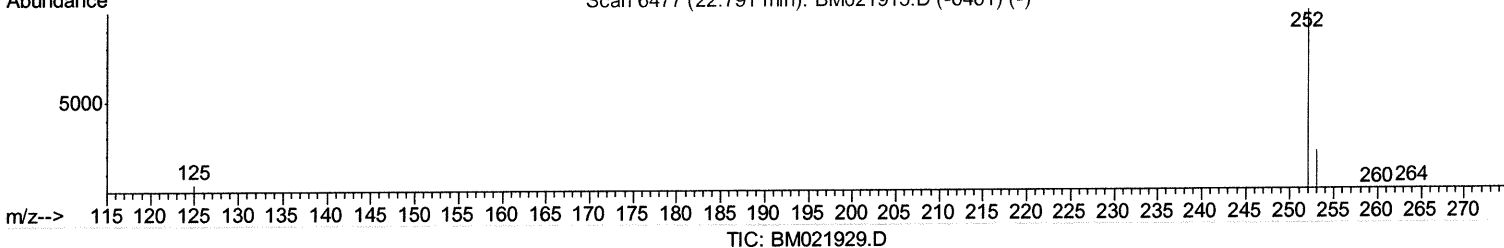
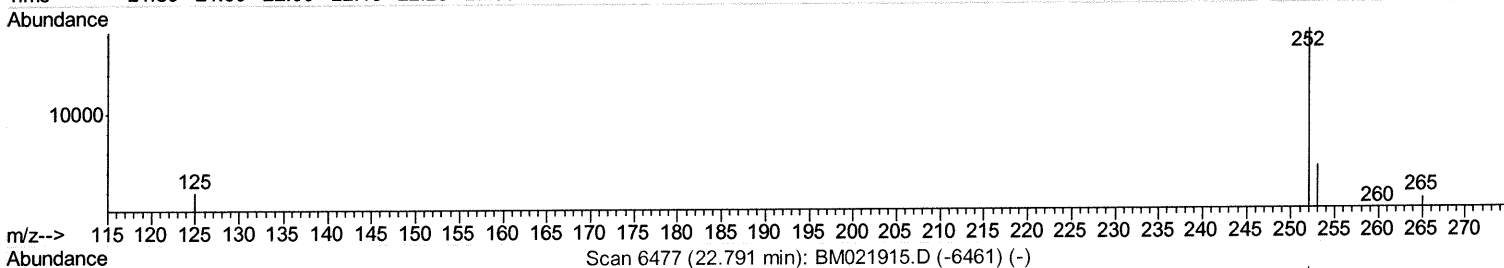
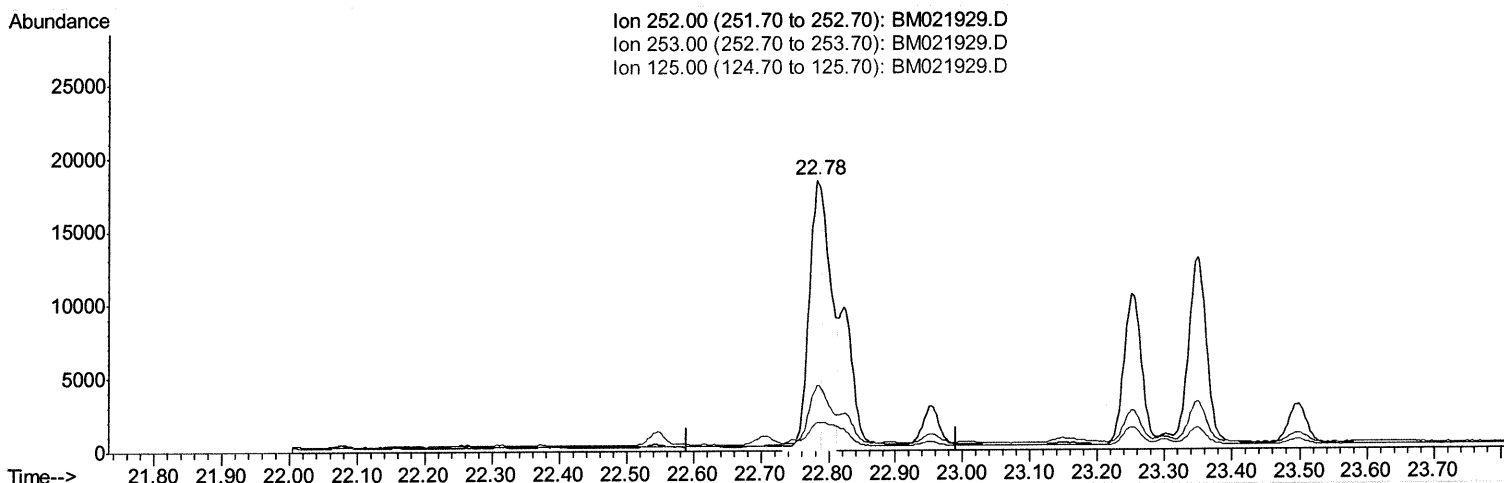
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

22.783min (-0.008) 3.05ng/ul m

response 40607

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.21
125.00	15.50	10.47
0.00	0.00	0.00

Quantitation Report (Qedit)

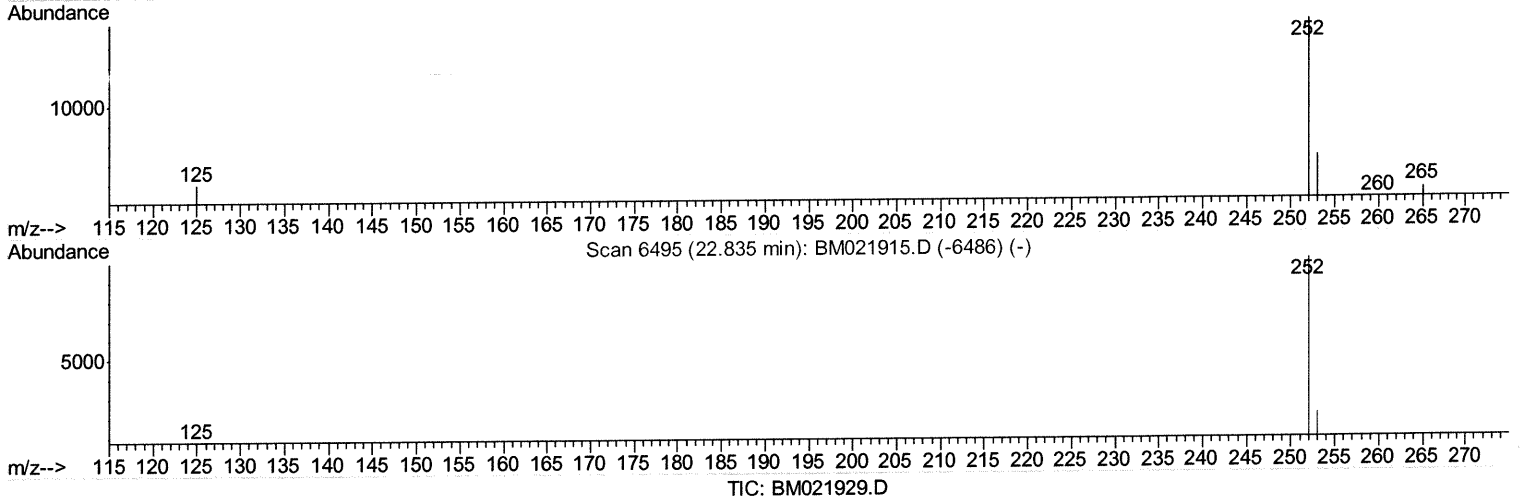
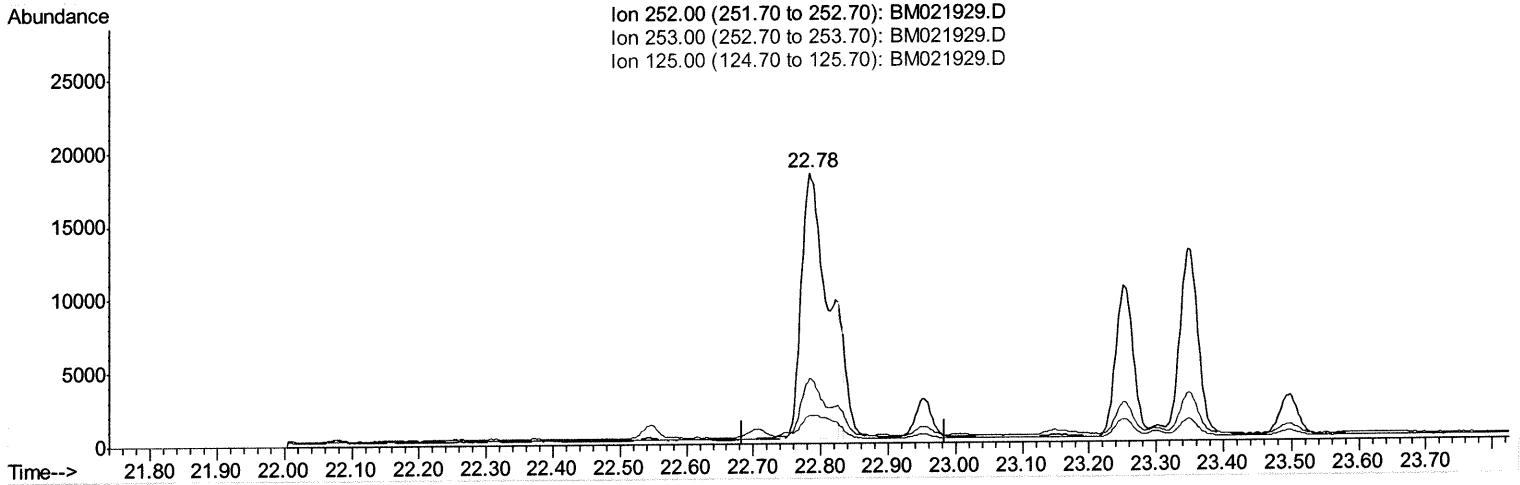
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

22.783min (-0.051) 3.03ng/ul

response 45738

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.21#
125.00	15.20	10.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

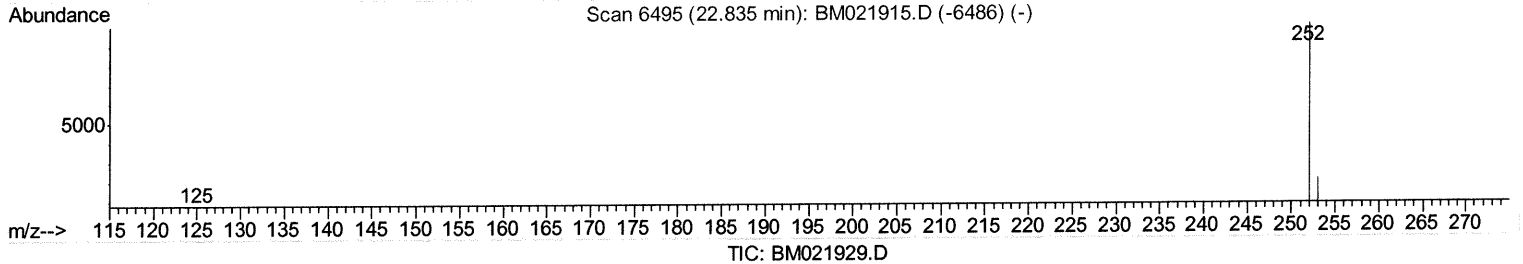
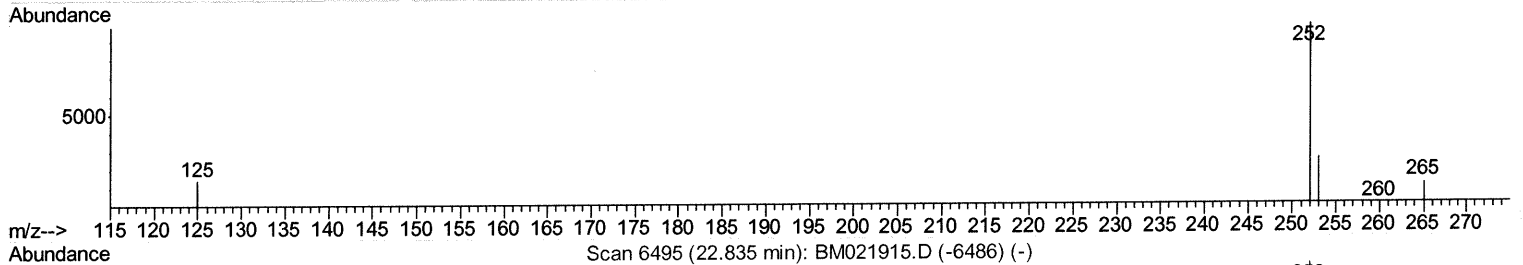
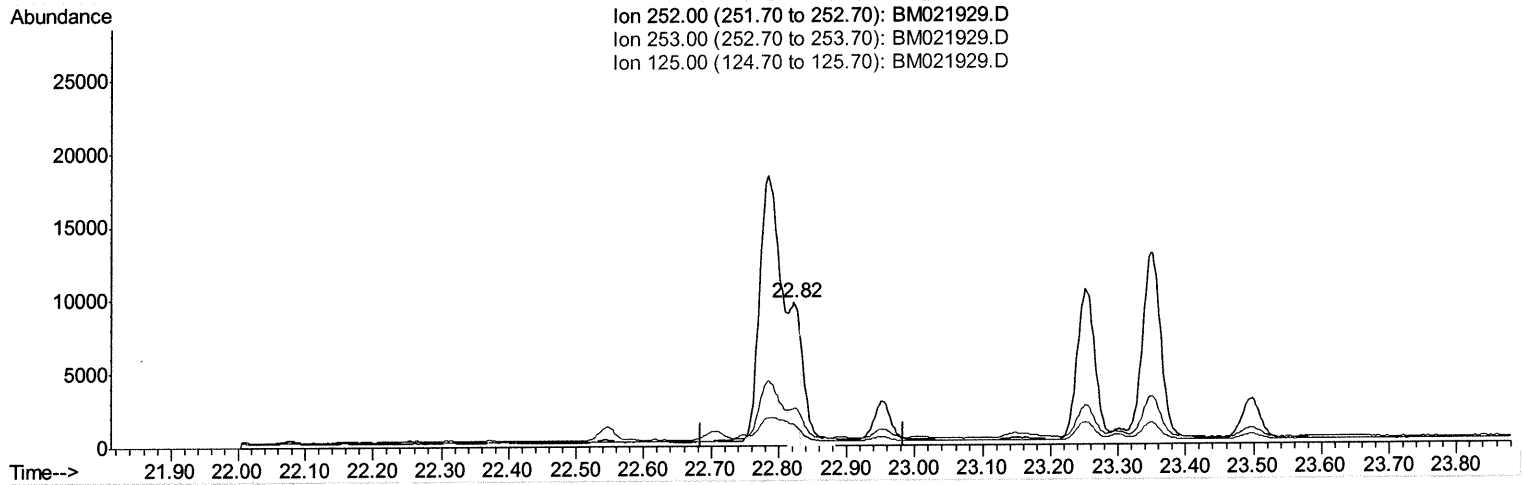
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

22.822min (-0.012) 1.01ng/ul m

JU
 08/09/19

response 15262

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.07#
125.00	15.20	15.14
0.00	0.00	0.00

Quantitation Report (Qedit)

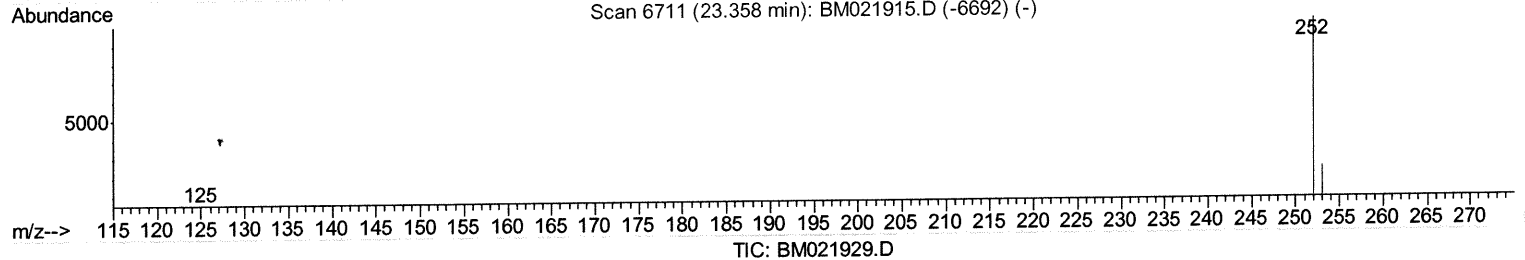
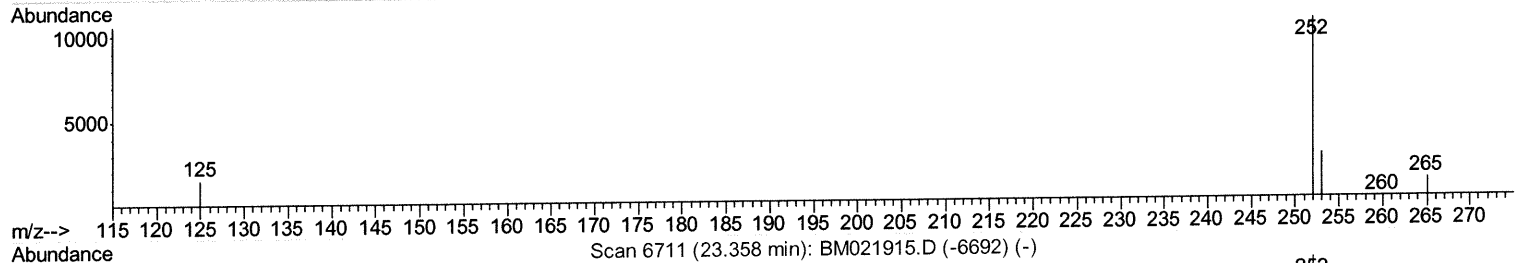
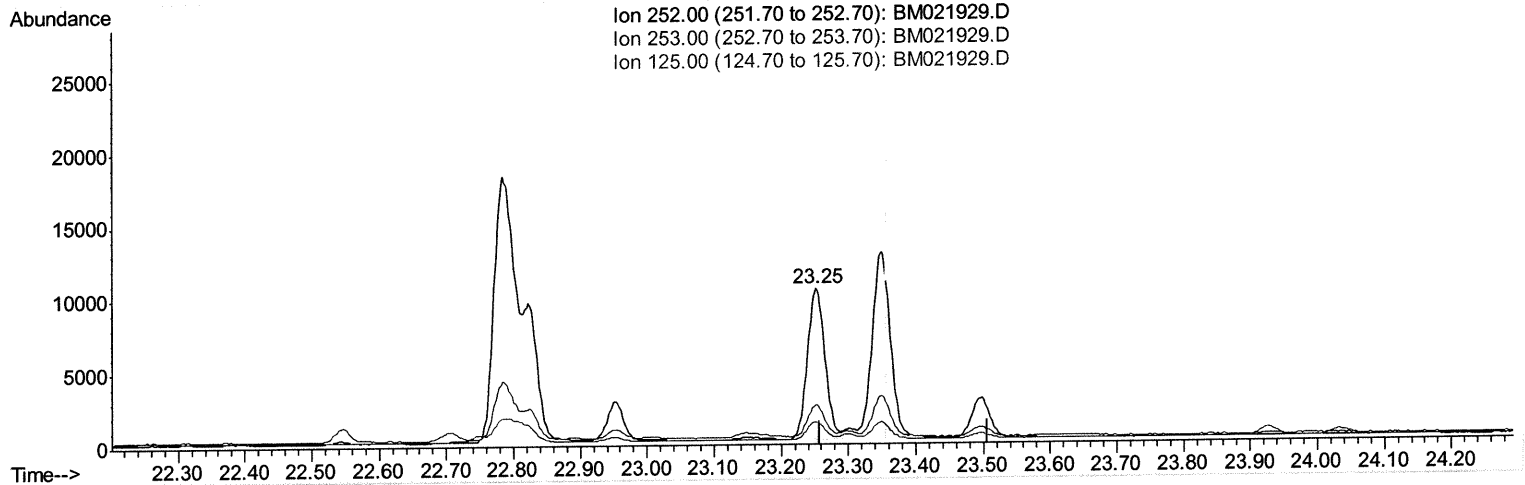
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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)

23.251min (-0.107) 1.40ng/ul

response 19028

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	25.12#
125.00	18.20	14.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

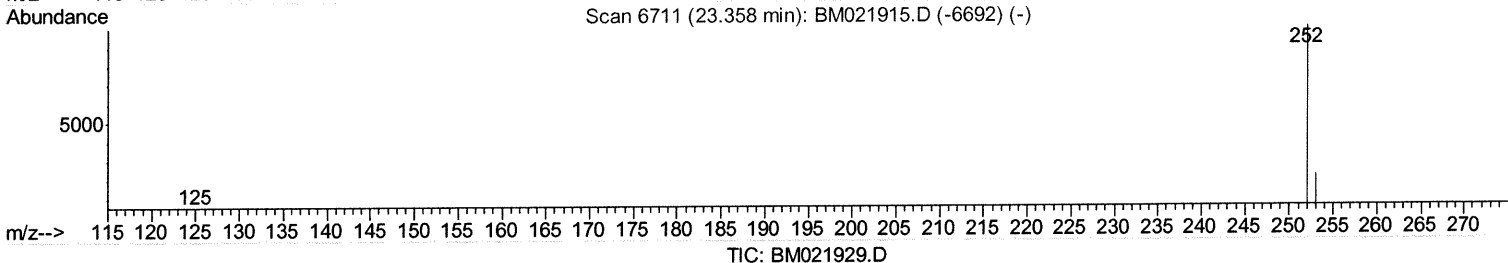
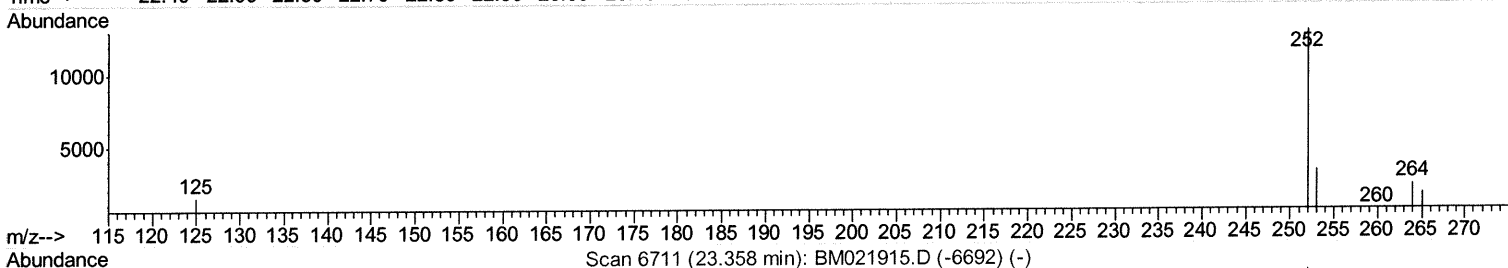
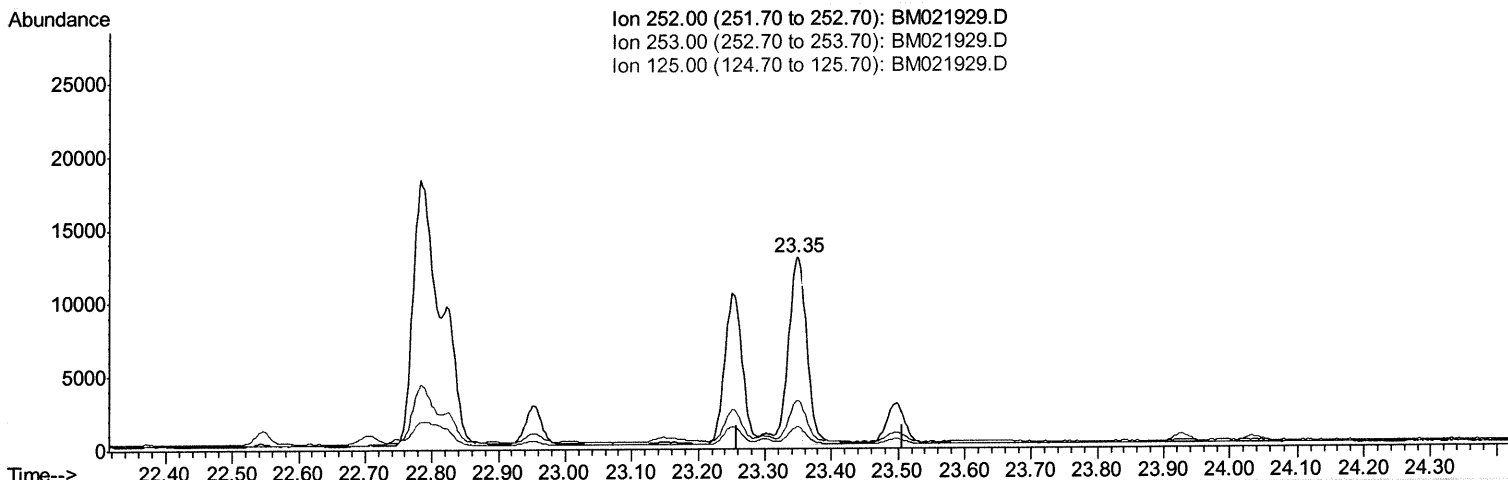
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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)

23.348min (-0.010) 1.82ng/ul m

208/09/19

response 24687

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	24.97#
125.00	18.20	11.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

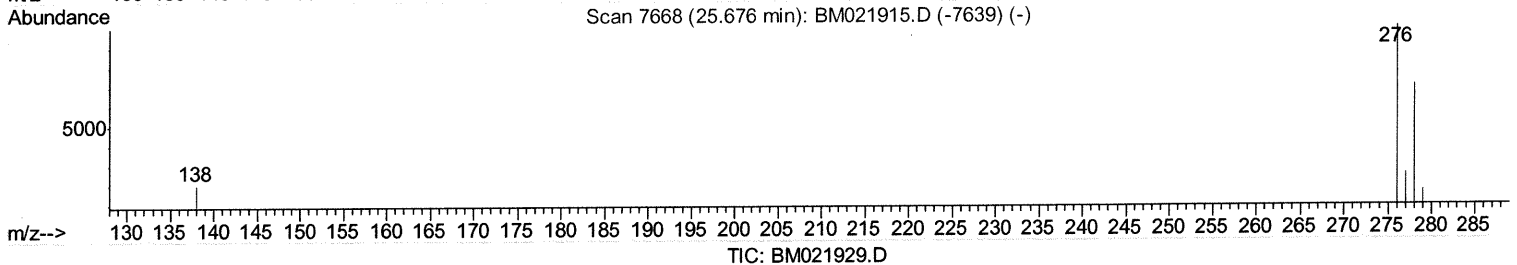
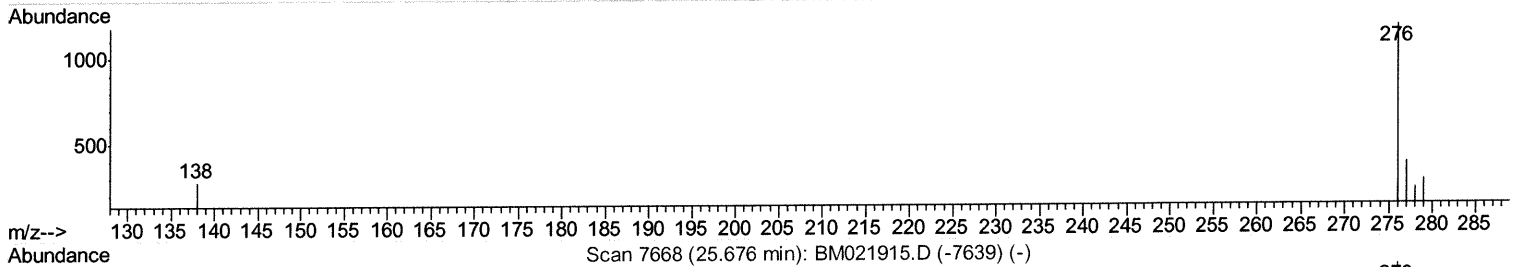
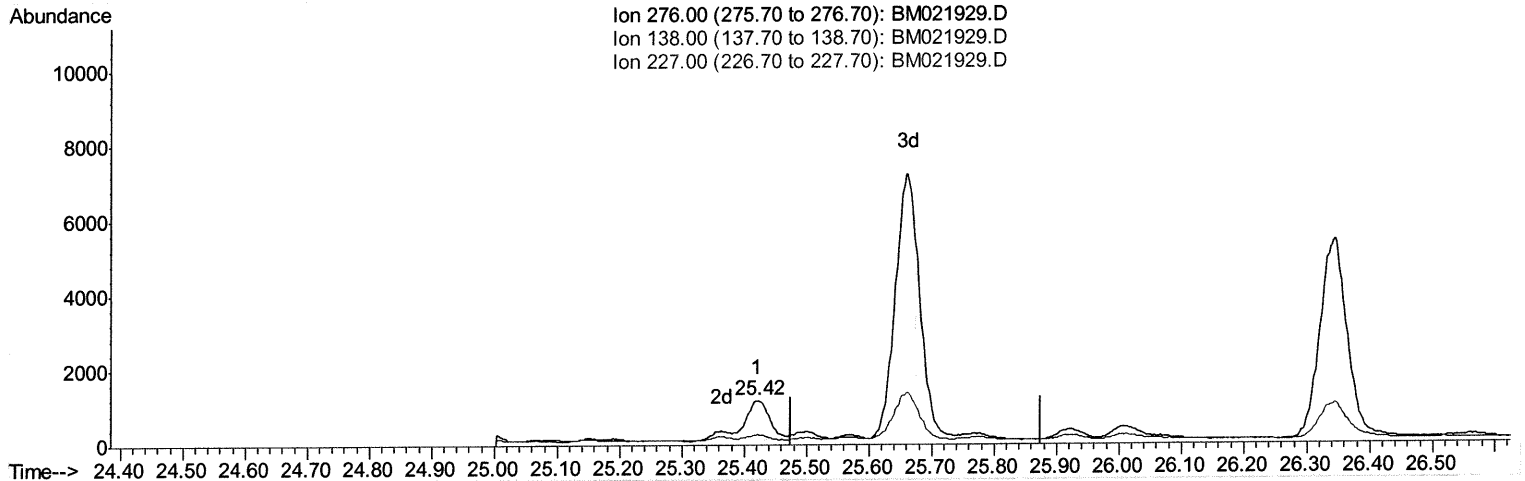
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

25.422min (-0.255) 0.17ng/ul

response 2715

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	11.97#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

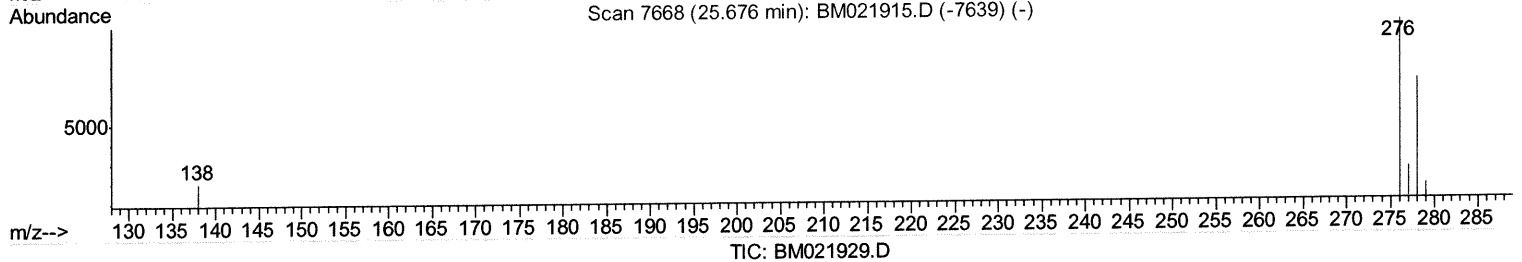
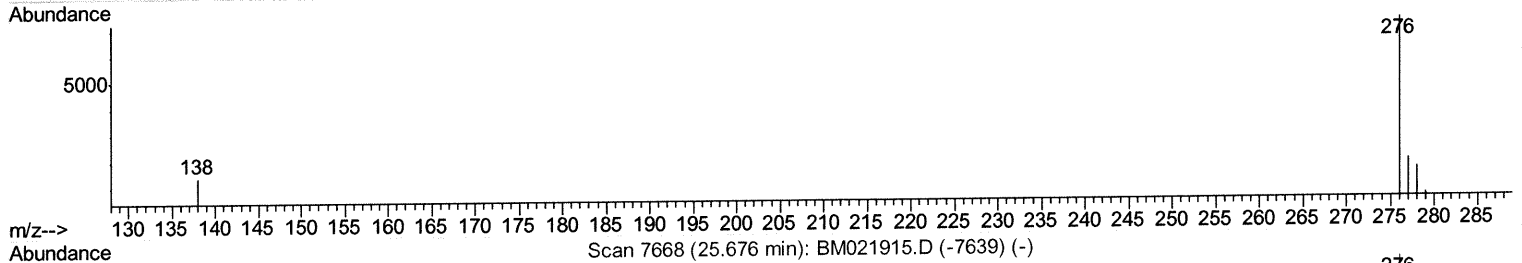
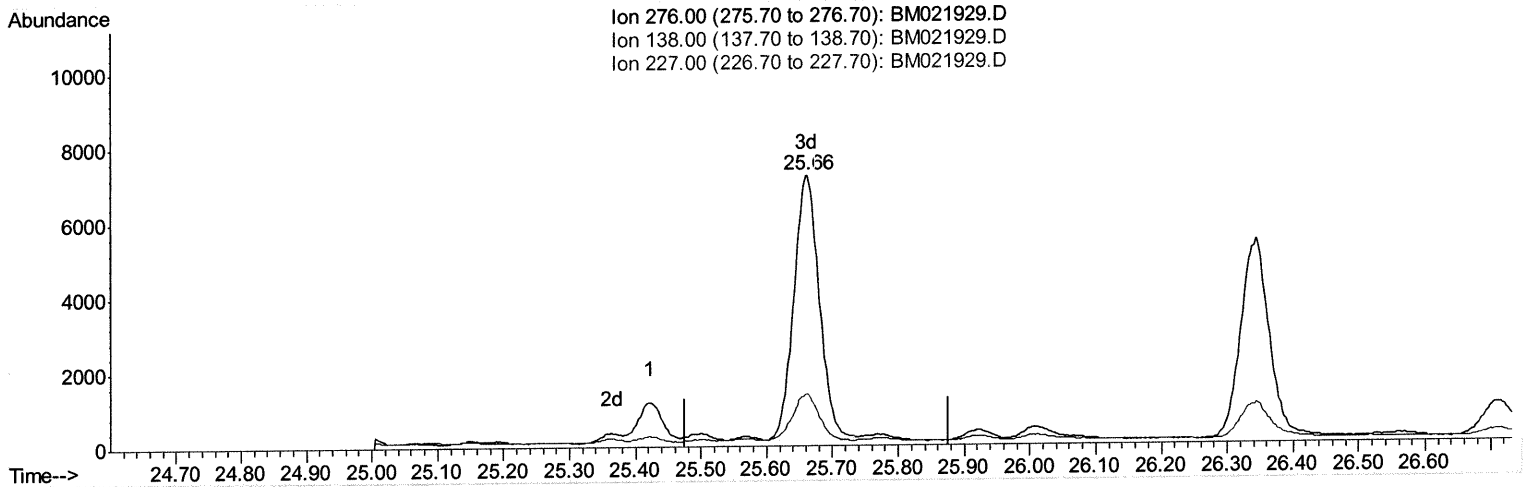
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

25.662min (-0.015) 1.19ng/ul m

JU
 08/09/19

response 19274

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.69#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

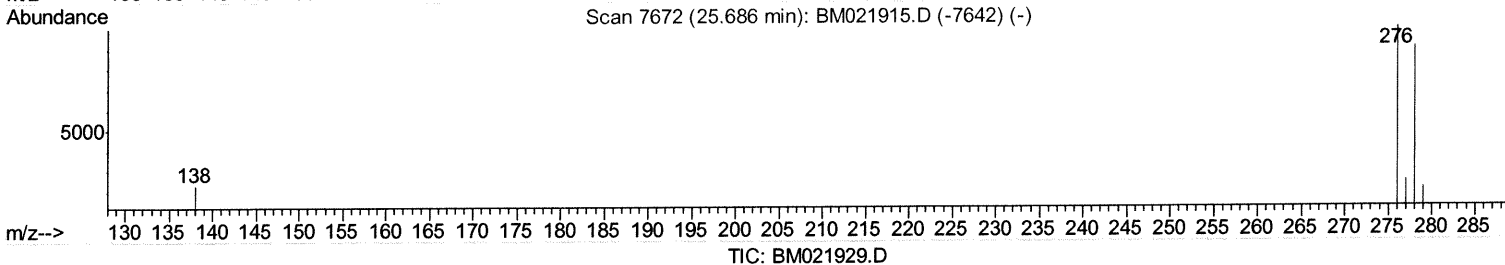
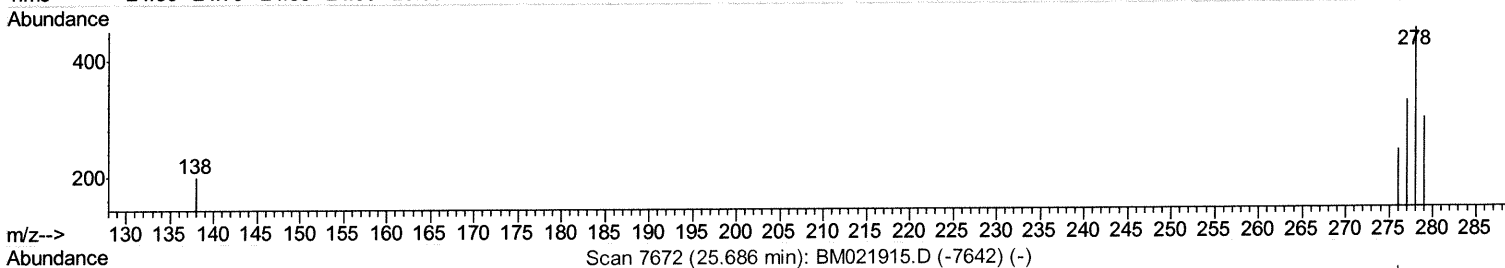
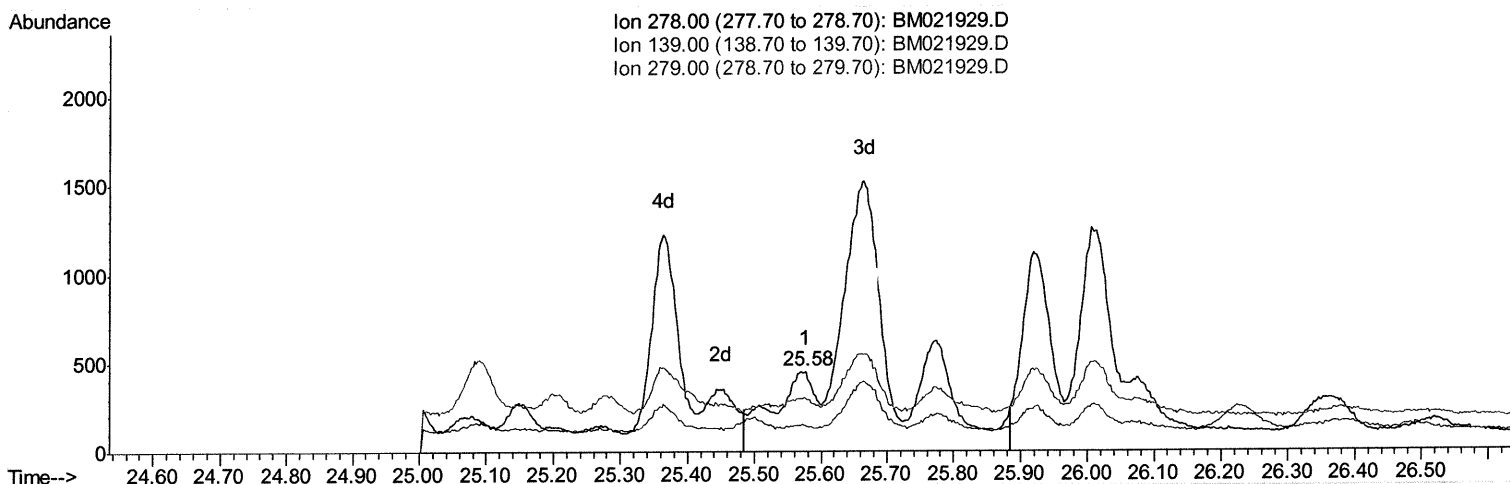
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021929.D
Acq On : 08 Aug 2019 12:31
Operator : HP/JU
Sample : K4029-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

25.577min (-0.109) 0.04ng/ul

response 518

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	31.93#
279.00	35.40	66.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

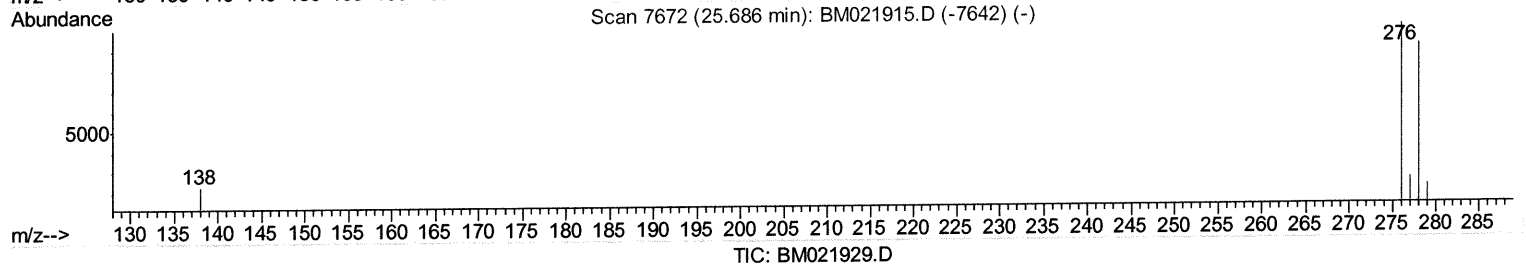
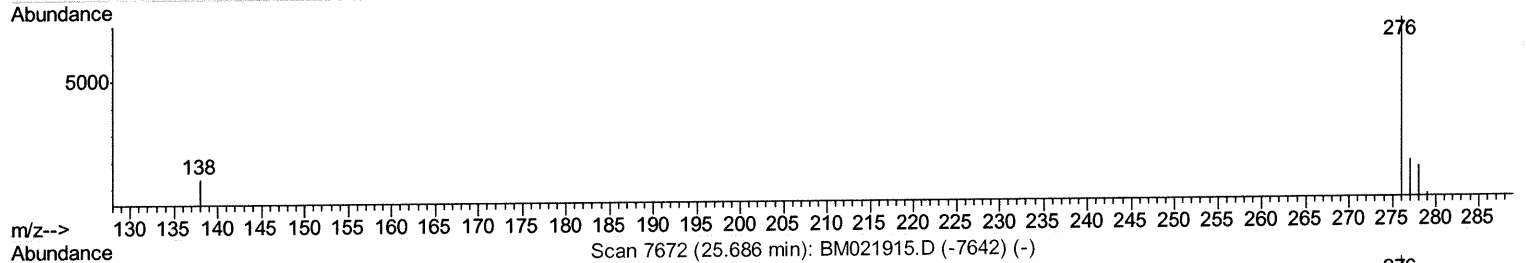
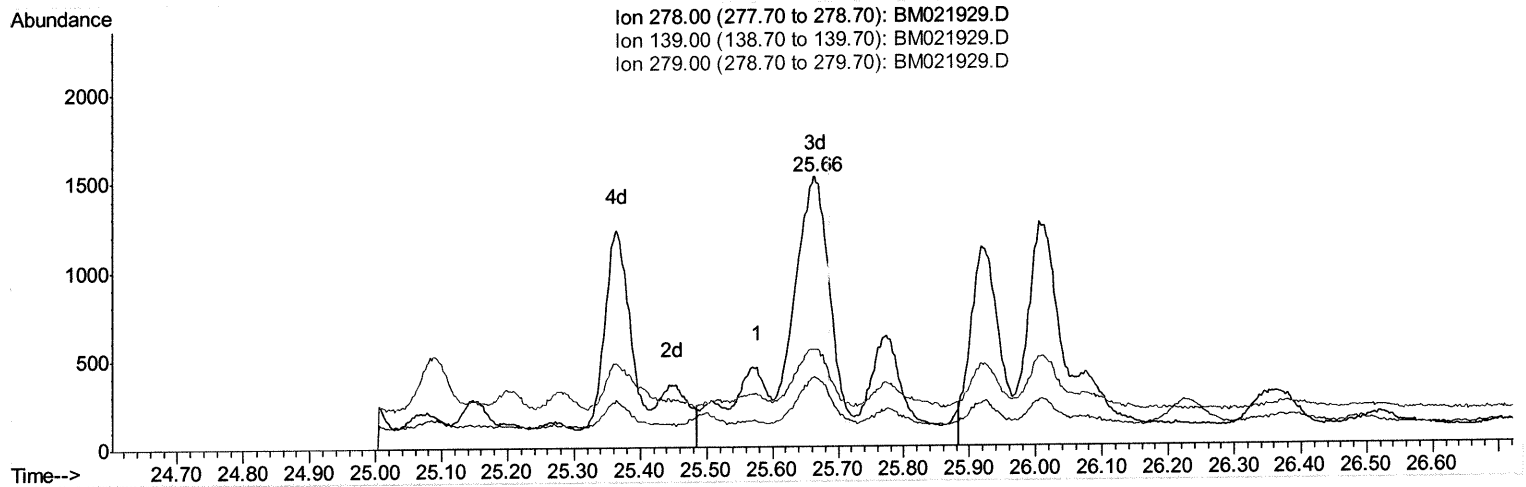
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

25.664min (-0.022) 0.37ng/ul m

Ju
 08/09/19

response 4871

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	26.07#
279.00	35.40	35.98
0.00	0.00	0.00

Quantitation Report (Qedit)

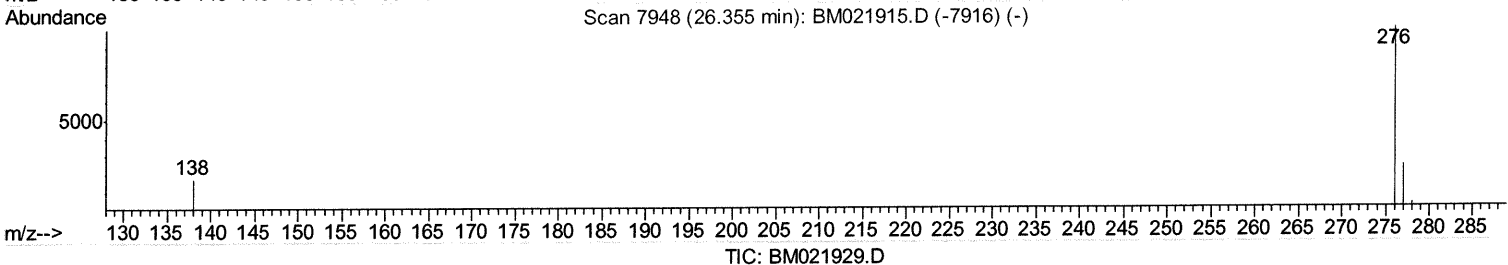
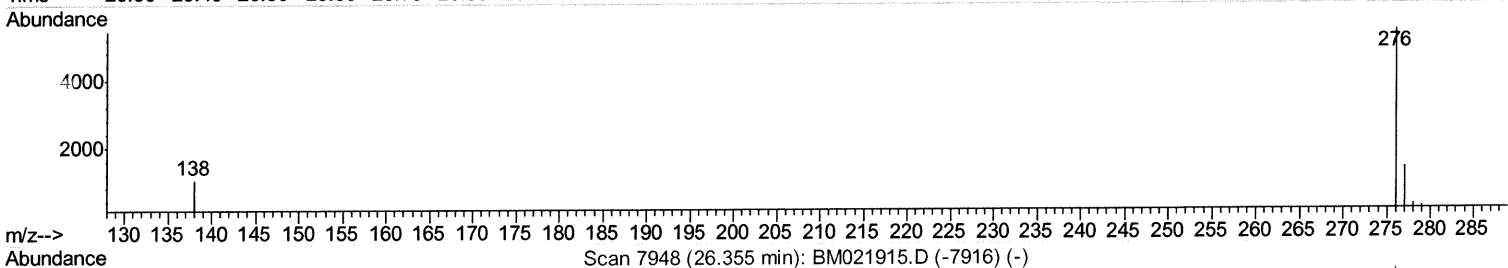
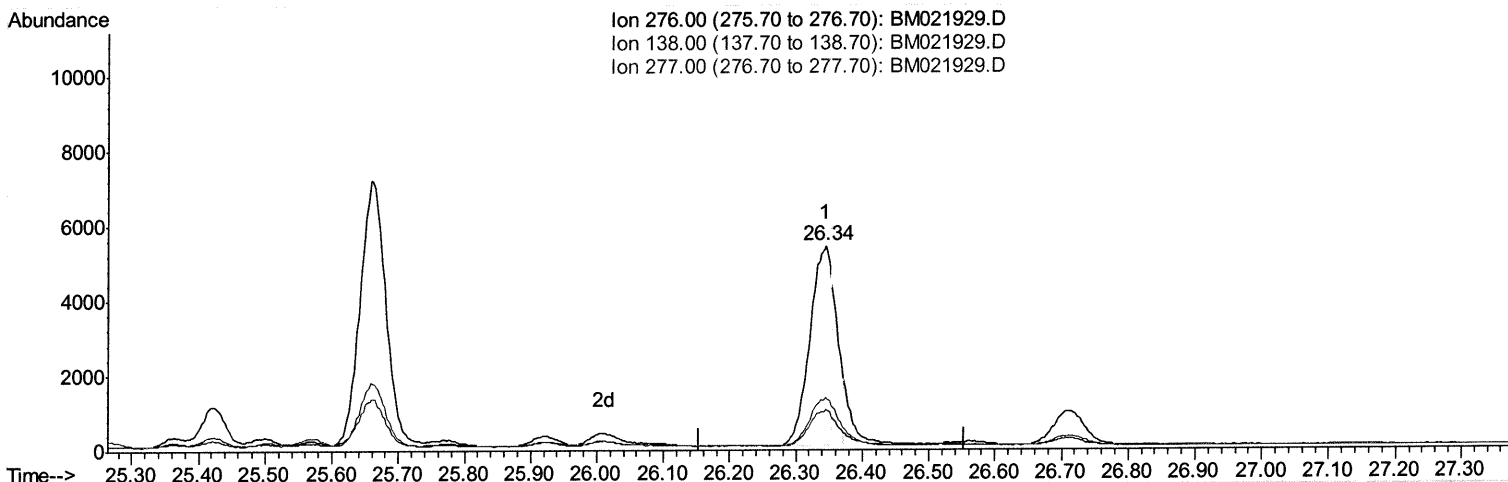
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

26.345min (-0.010) 1.01ng/ul

response 14671

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	19.64
277.00	26.80	25.66
0.00	0.00	0.00

Quantitation Report (Qedit)

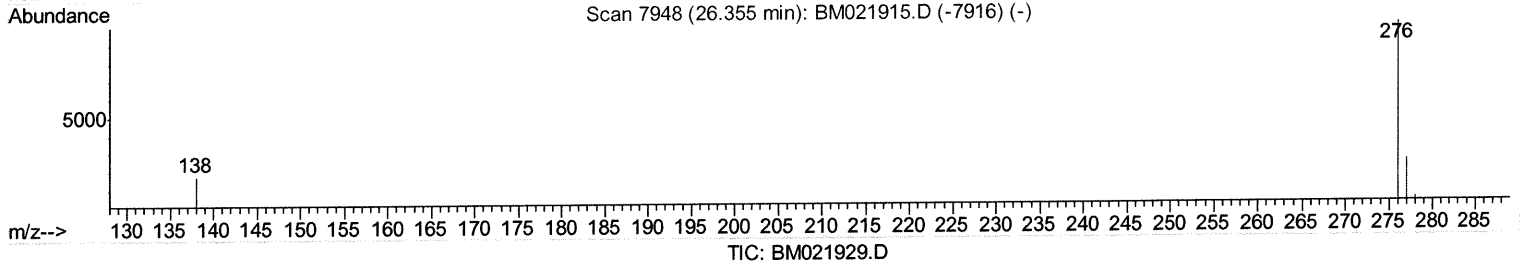
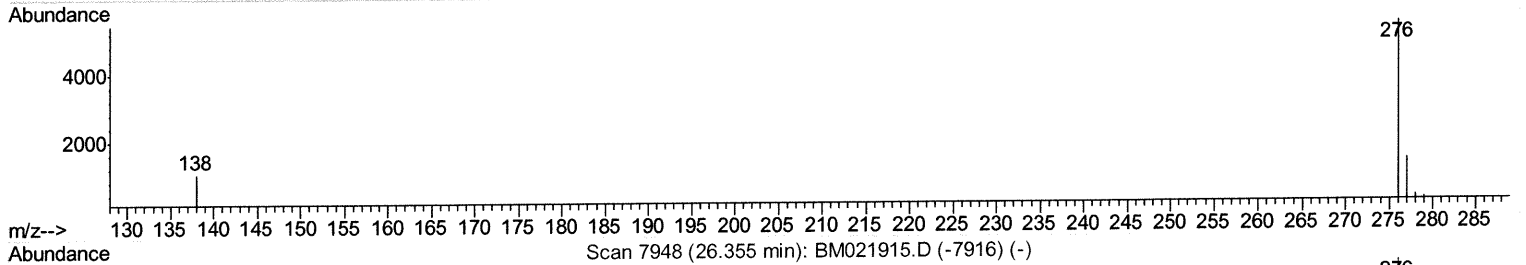
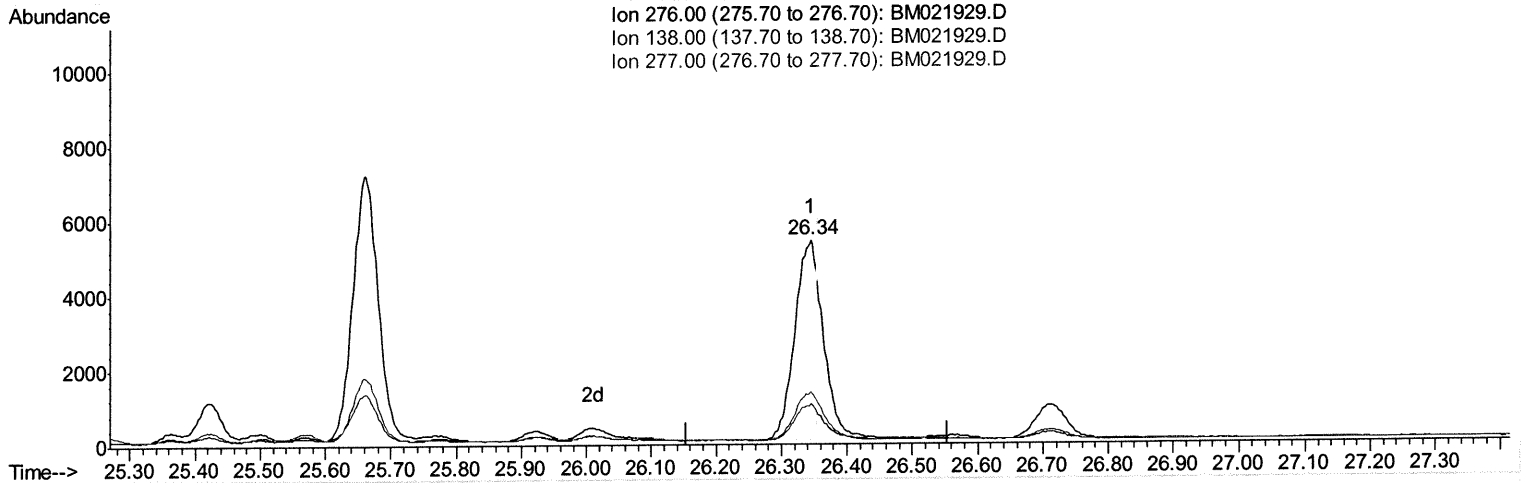
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:11:53 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

26.345min (-0.010) 1.10ng/ul m

response 16021

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	19.64
277.00	26.80	25.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021929.D
 Acq On : 08 Aug 2019 12:31
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:39 AM

Quant Time: Aug 08 17:14:17 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	752	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3314	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	1806	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4295m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4031m →	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	3951m →	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	1140	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	3030m →	0.21	ng/ul	-0.02

Target Compounds

					Ovalue	
3) Naphthalene	10.45	128	692	0.074	ng/ul#	89
5) 2-Methylnaphthalene	12.09	142	355	0.057	ng/ul	99
7) Acenaphthylene	14.00	152	1881	0.223	ng/ul#	83
8) Acenaphthene	14.34	153	448	0.065	ng/ul	94
9) Fluorene	15.33	166	617	0.081	ng/ul#	95
12) Phenanthrene	17.07	178	14109m →	1.129	ng/ul	99
13) Anthracene	17.16	178	3386m →	0.318	ng/ul	99
15) Fluoranthene	19.09	202	45044m →	2.691	ng/ul	99
17) Pyrene	19.46	202	40771	2.461	ng/ul	99
18) Benzo(a)anthracene	21.22	228	21092	1.463	ng/ul	98
19) Chrysene	21.27	228	27479	1.482	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	40607m →	3.048	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	15262m →	1.012	ng/ul	99
23) Benzo(a)pyrene	23.35	252	24687m →	1.822	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.66	276	19274m →	1.191	ng/ul	99
25) Dibenzo(a,h)anthracene	25.66	278	4871m →	0.373	ng/ul	99
26) Benzo(a,h,i)perylene	26.34	276	16021m →	1.100	ng/ul	99

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