

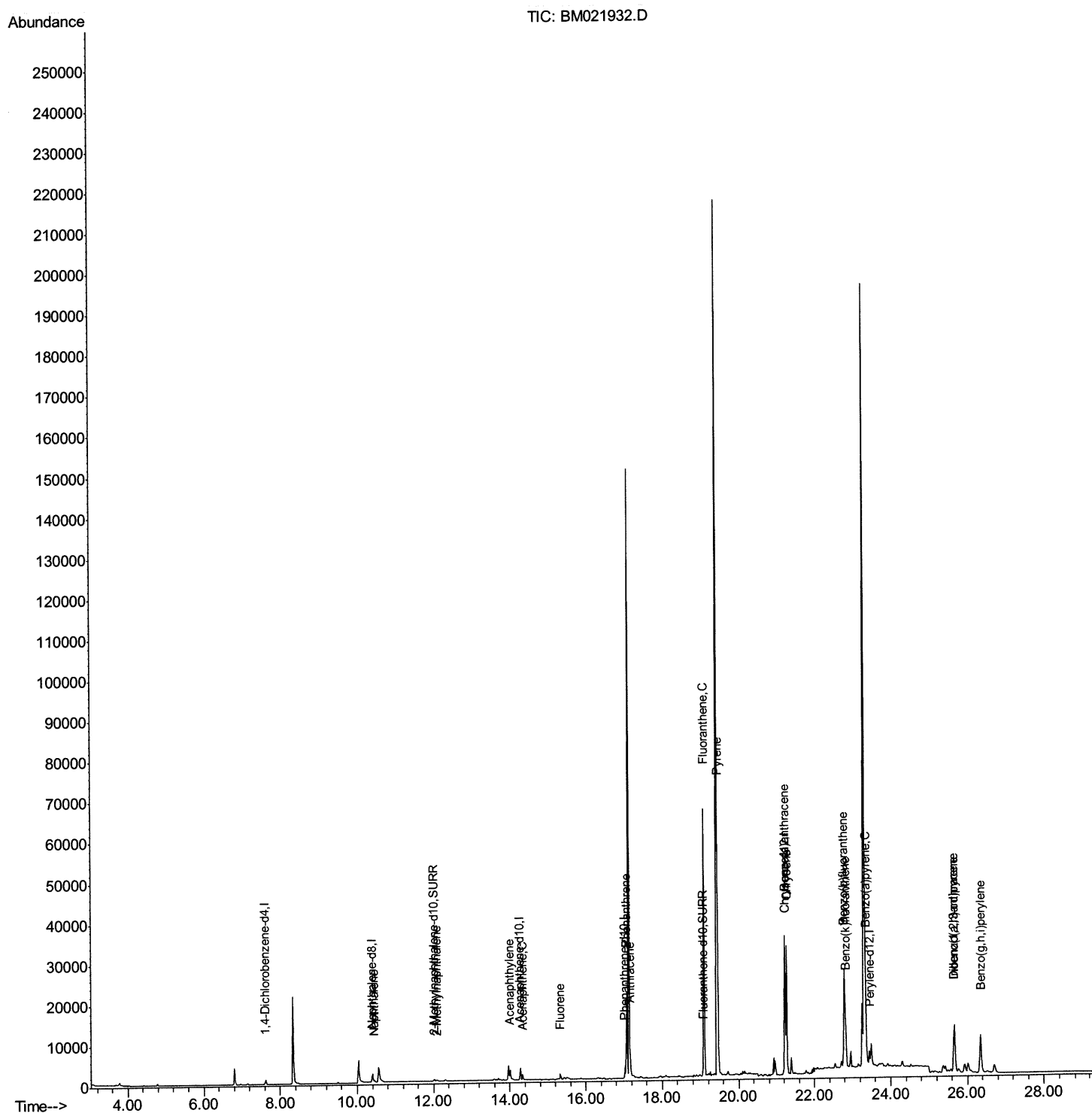
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021932.D
Acq On : 08 Aug 2019 14:26
Operator : HP/JU
Sample : K4028-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:45:26 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)

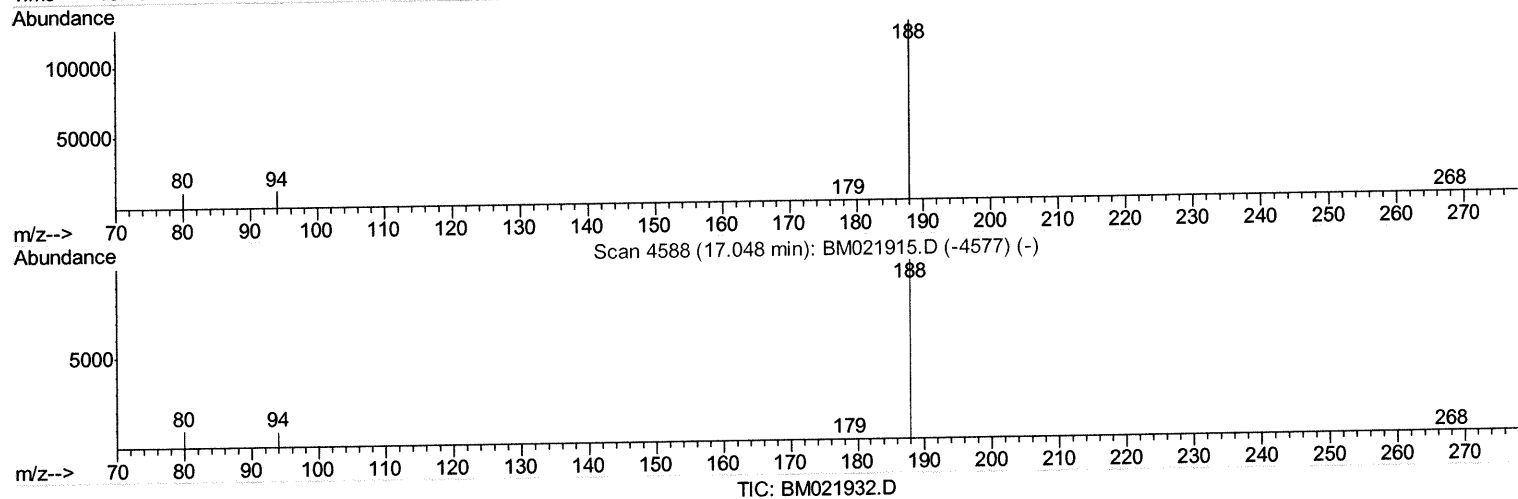
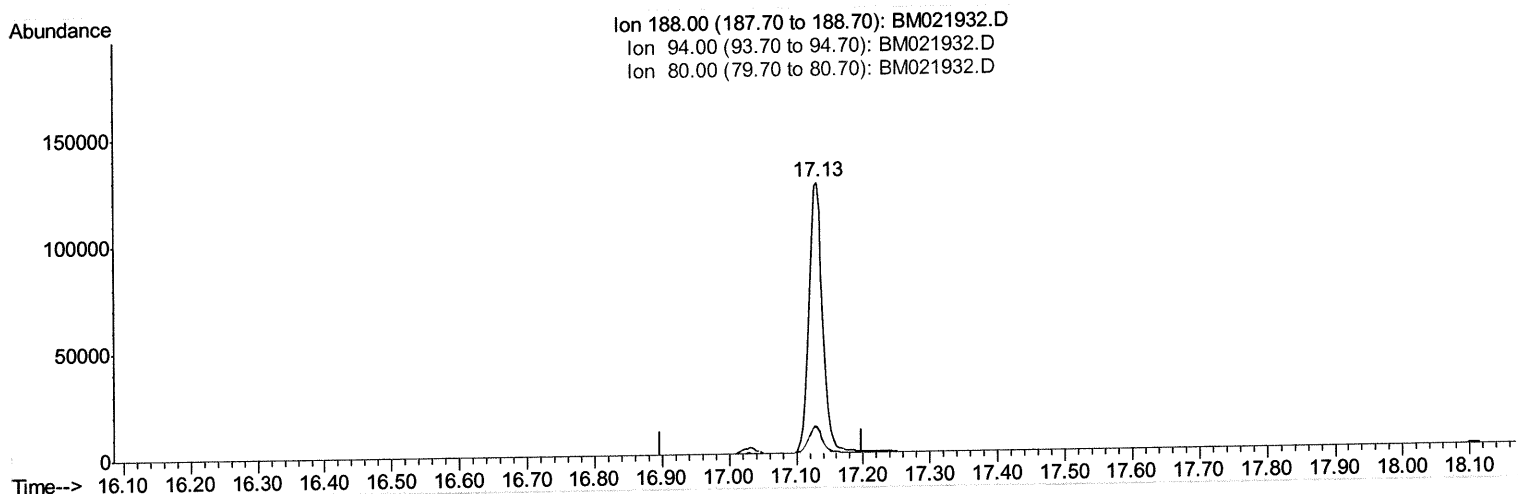
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:36:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.131min (+0.083) 0.40ng/ul

response 178987

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.55
80.00	11.40	9.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

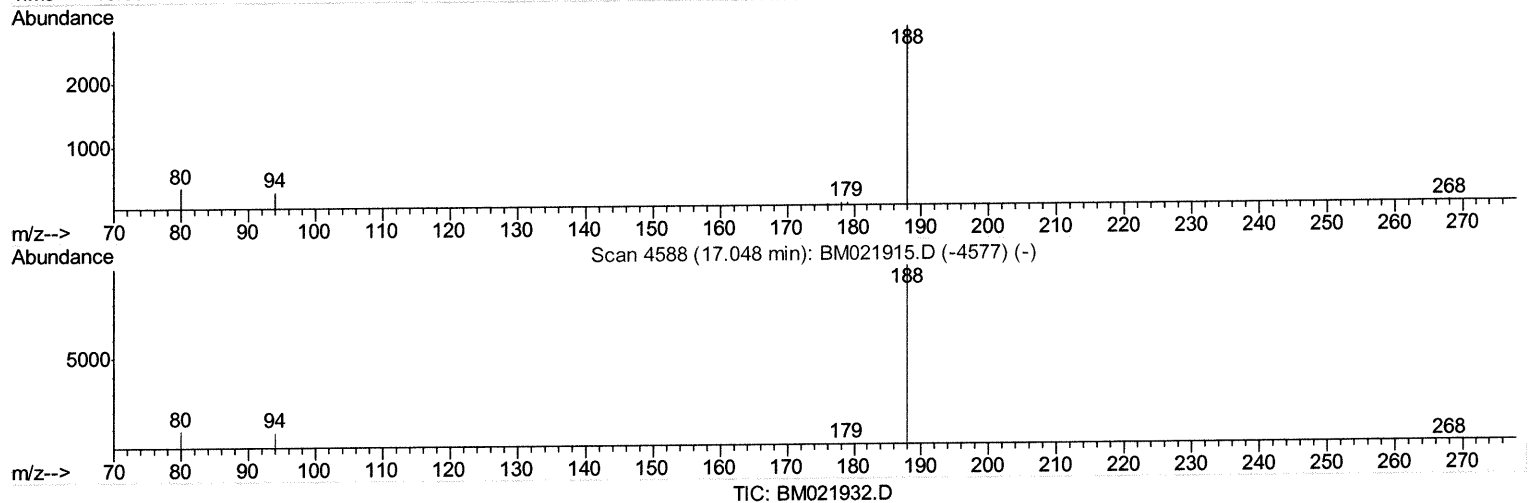
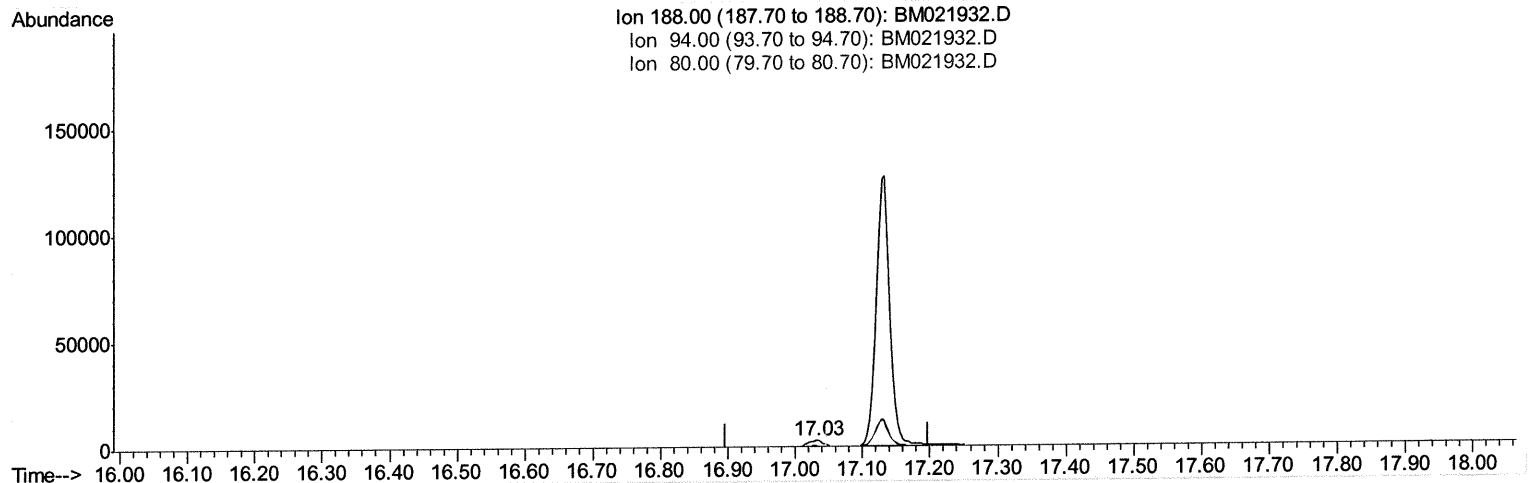
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:36:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.031min (-0.017) 0.40ng/ul m *Ju 08/09/19*

response 4015

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.55
80.00	11.40	12.87
0.00	0.00	0.00

Quantitation Report (Qedit)

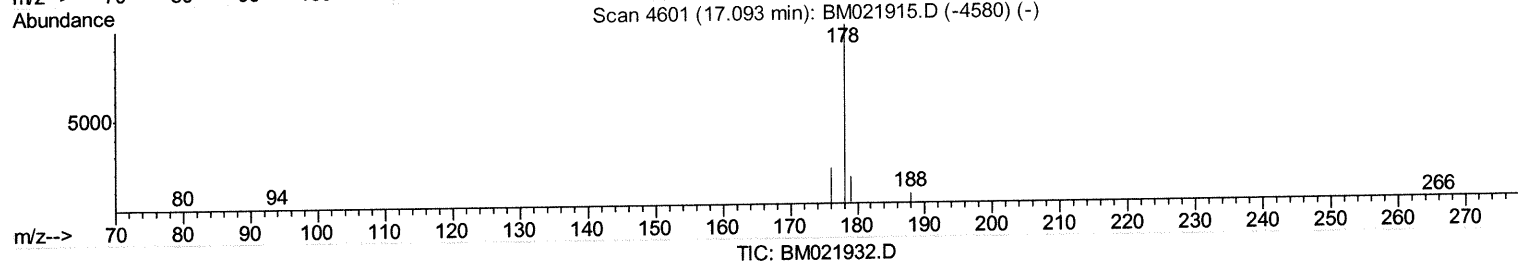
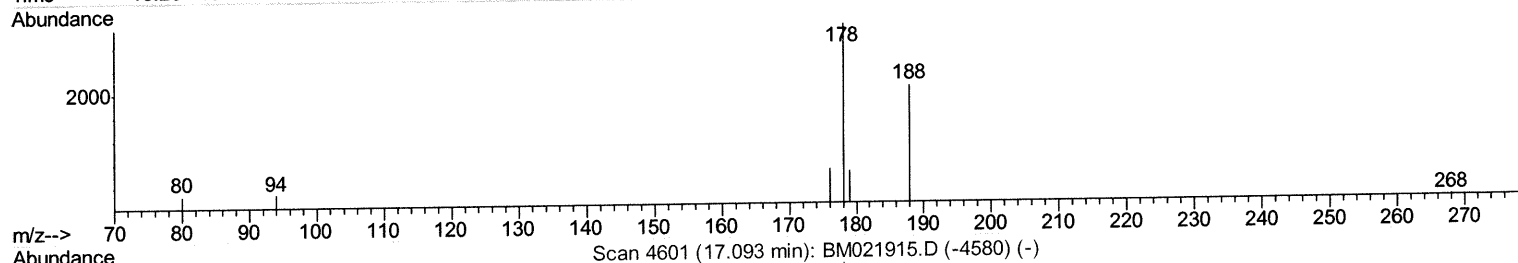
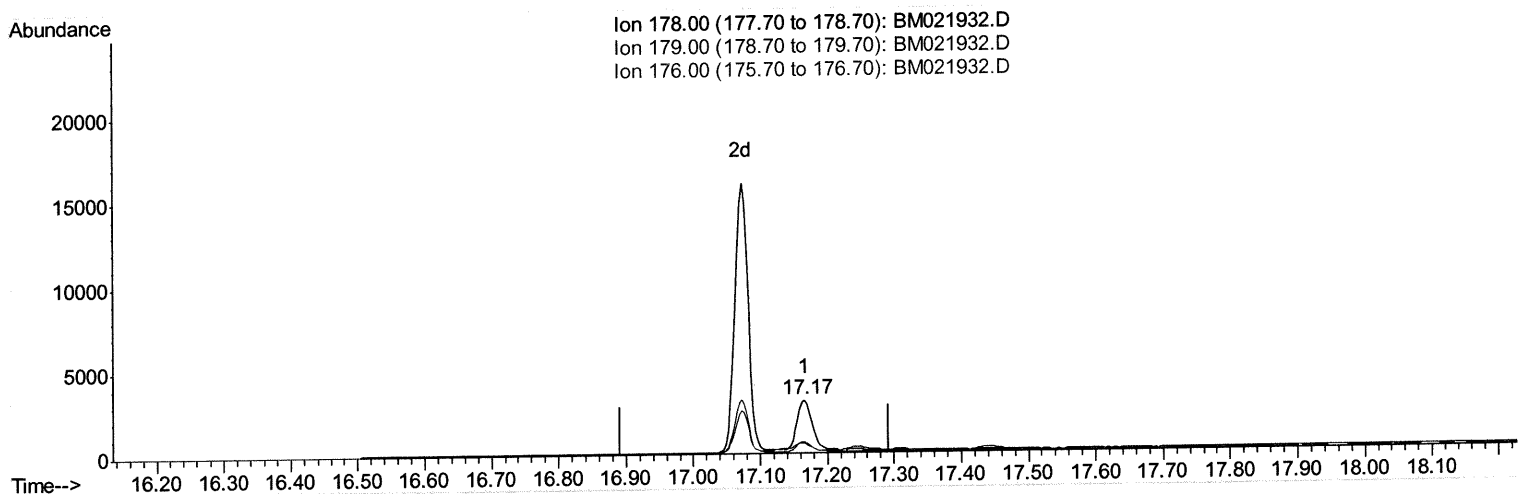
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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

17.166min (+0.073) 0.40ng/ul

response 4638

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	19.17
176.00	21.00	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

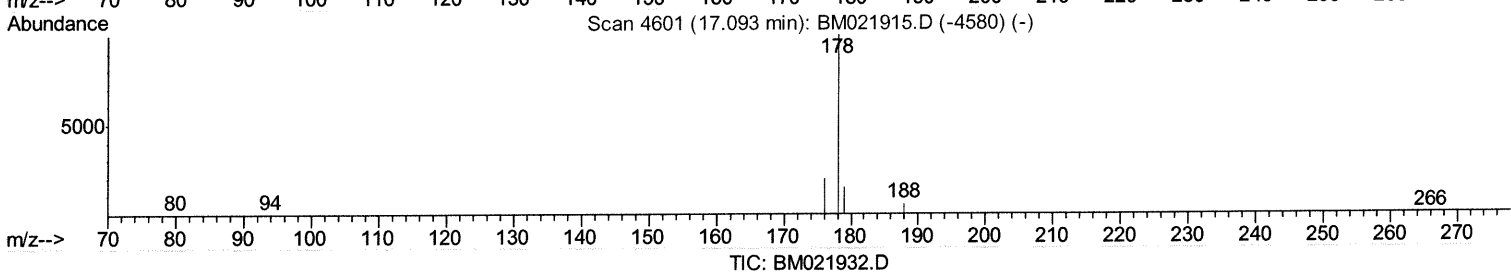
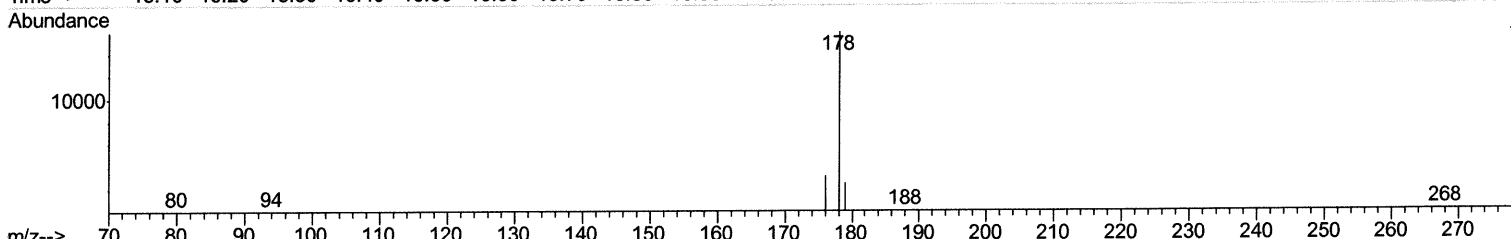
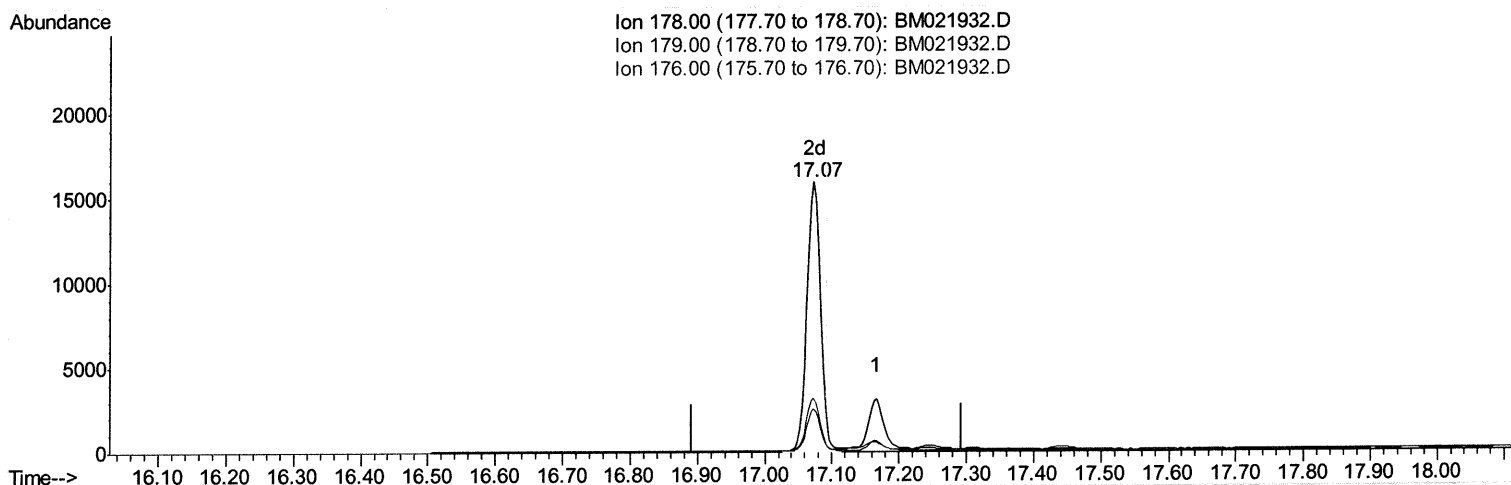
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021932.D
Acq On : 08 Aug 2019 14:26
Operator : HP/JU
Sample : K4028-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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

17.072min (-0.021) 1.90ng/ul m

JU
08/09/19

response 22197

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.88
176.00	21.00	20.03
0.00	0.00	0.00

Quantitation Report (Qedit)

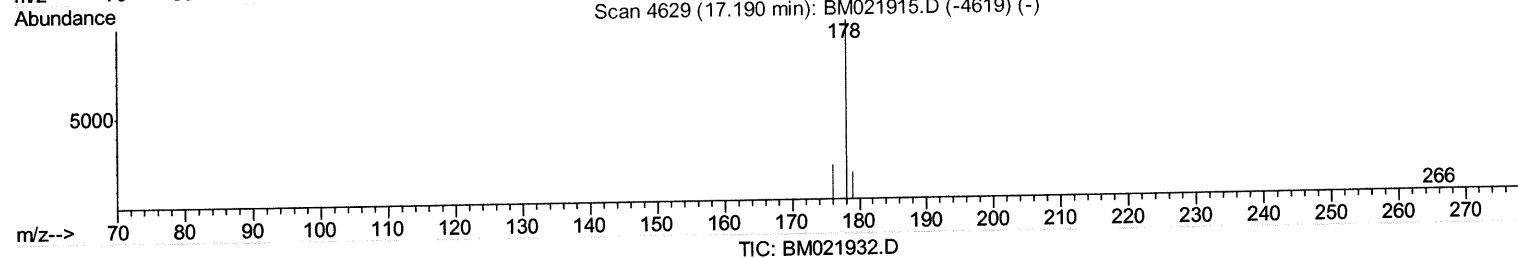
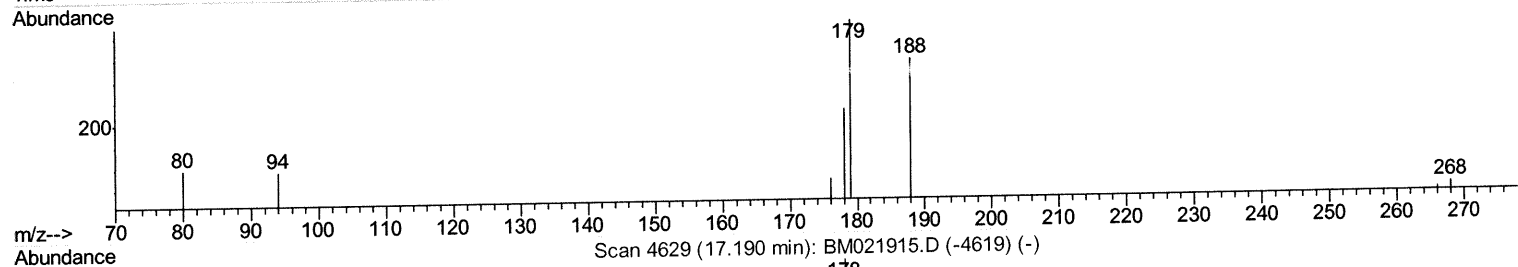
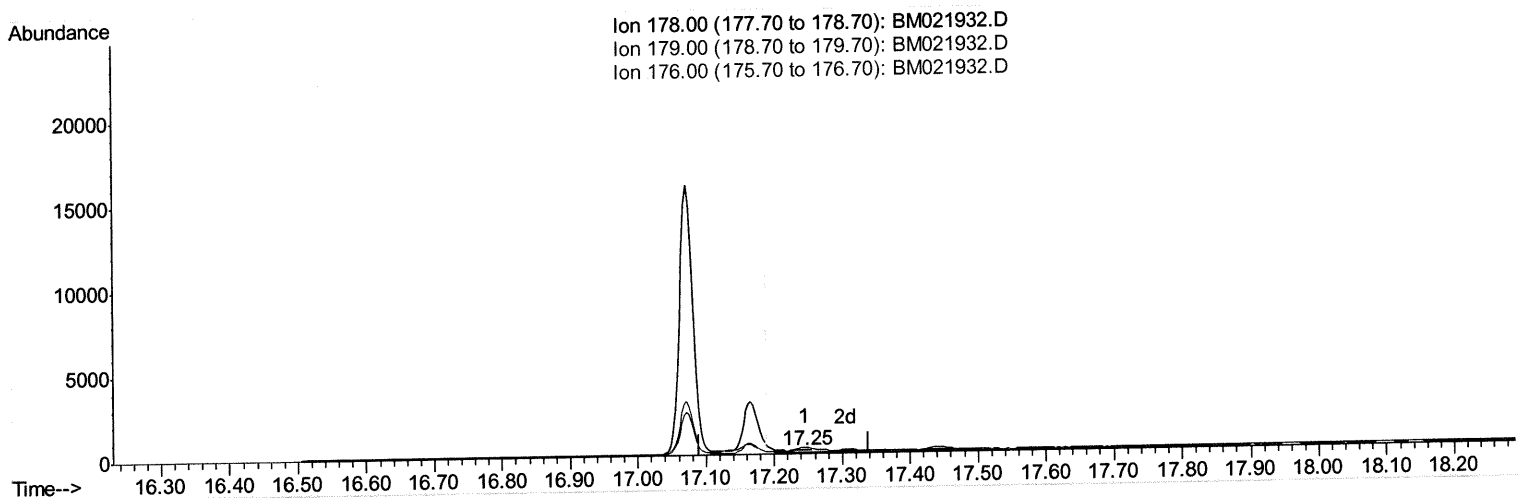
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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

17.246min (+0.056) 0.02ng/ul

response 174

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	175.81#
176.00	20.80	40.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

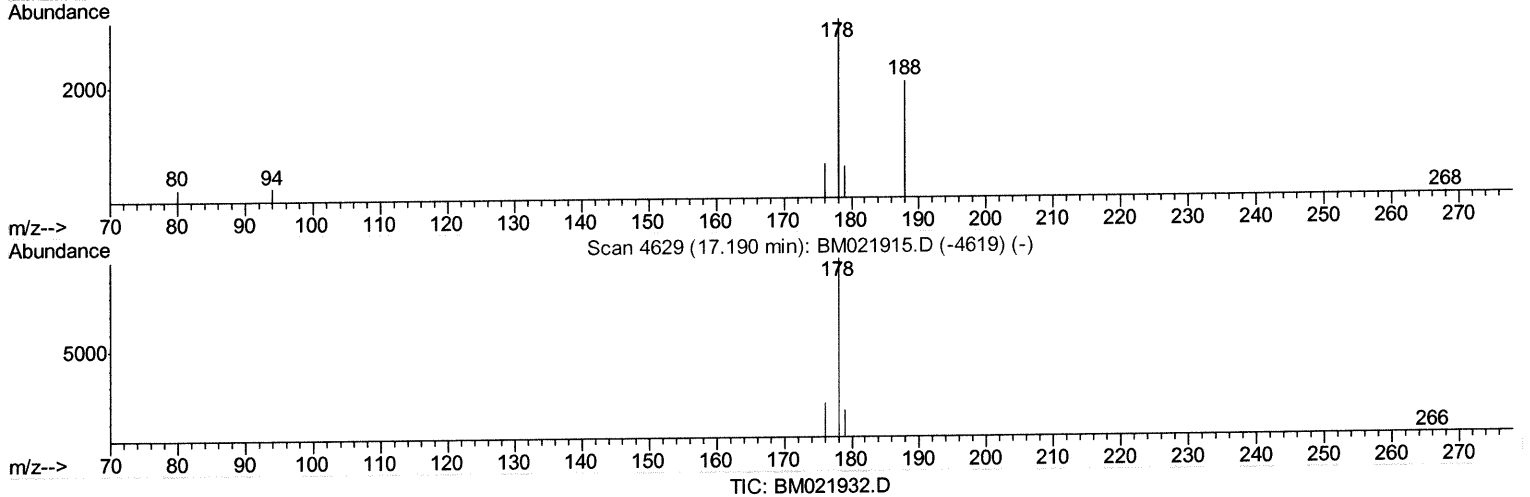
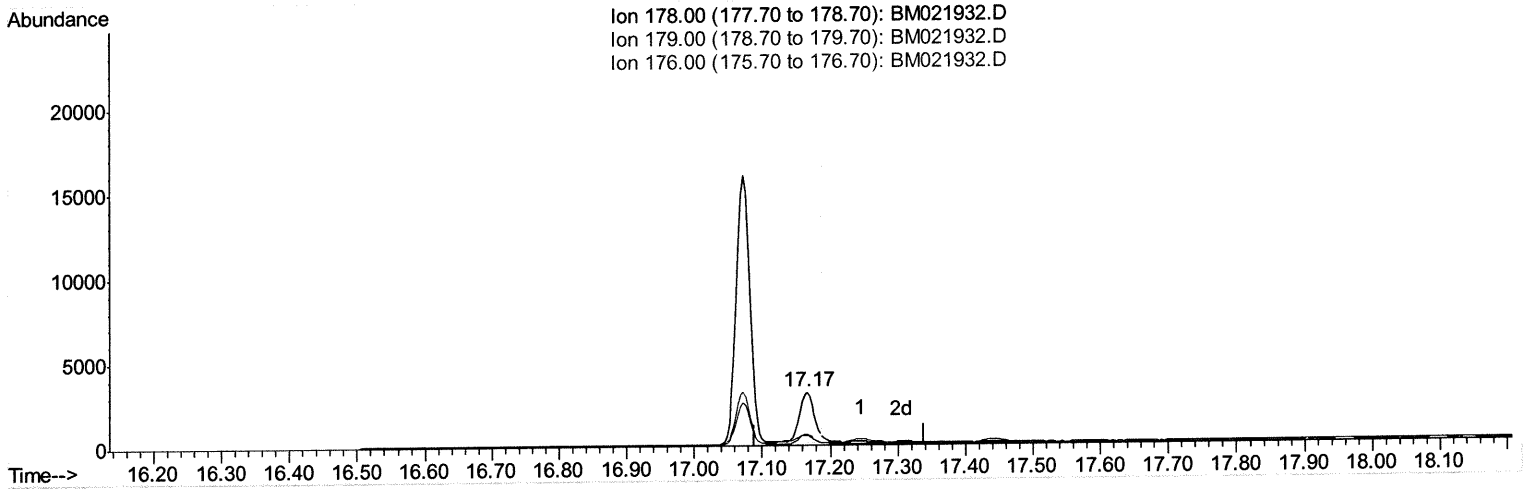
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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

17.166min (-0.024) 0.48ng/ul m *JU 08/09/19*

response 4751

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	19.17
176.00	20.80	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

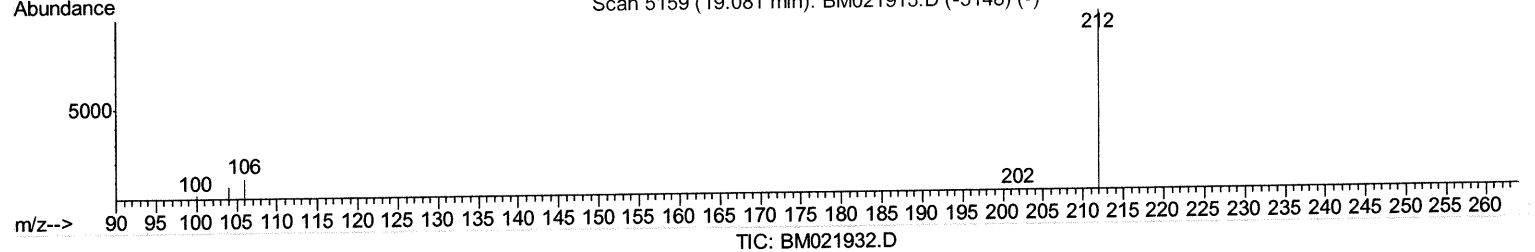
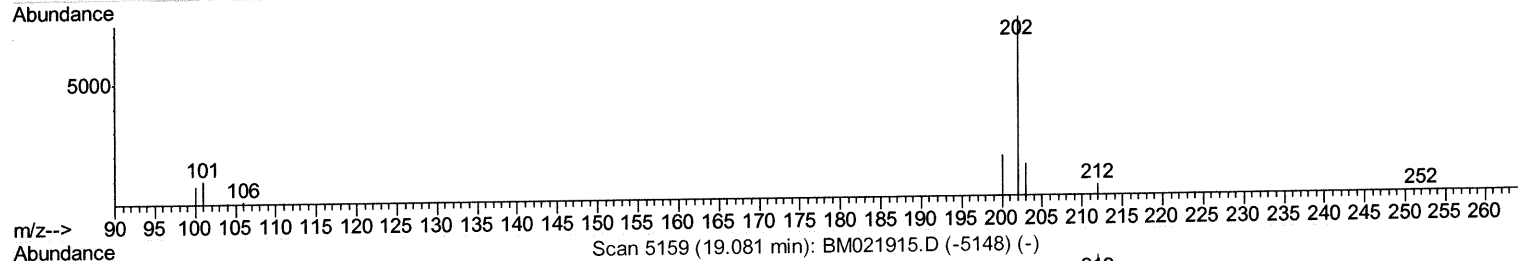
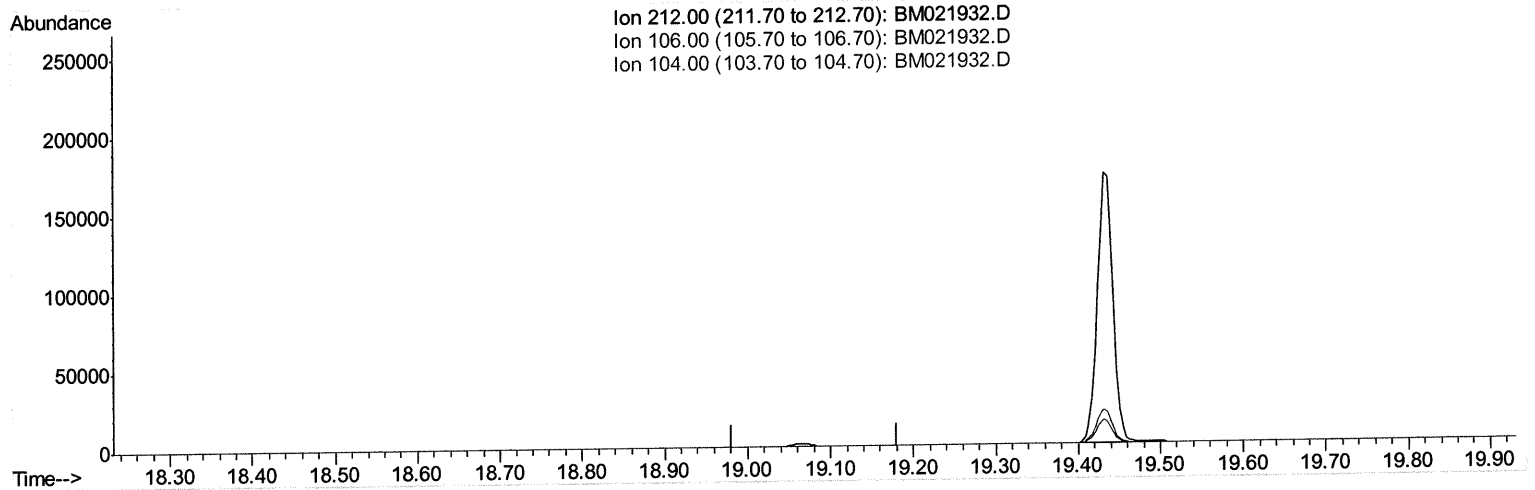
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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)

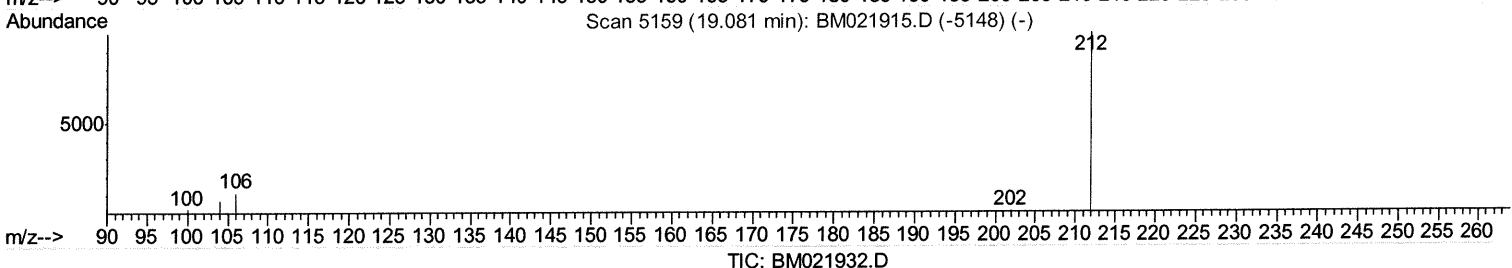
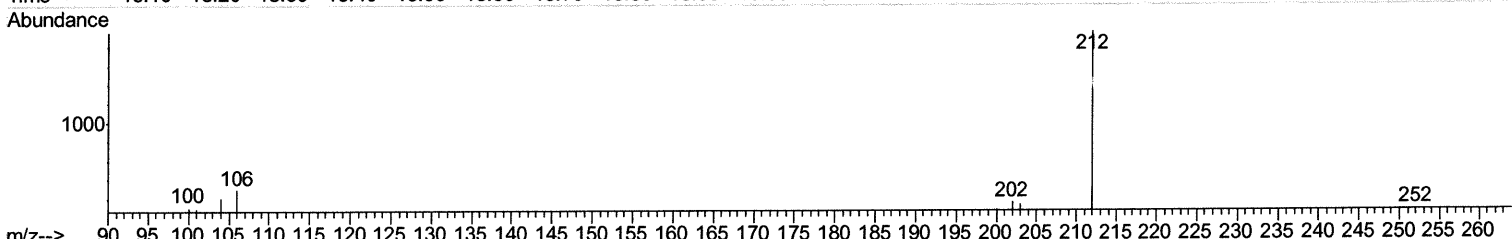
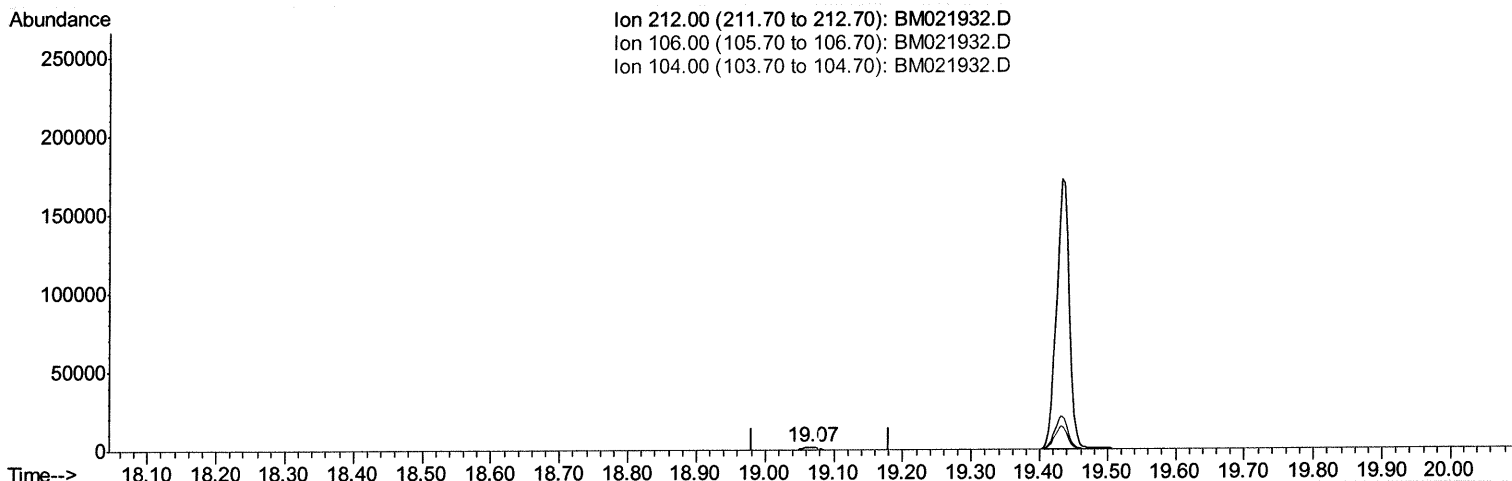
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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)

19.066min (-0.015) 0.20ng/ul m

JU
 08/08/19

response 2644

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)

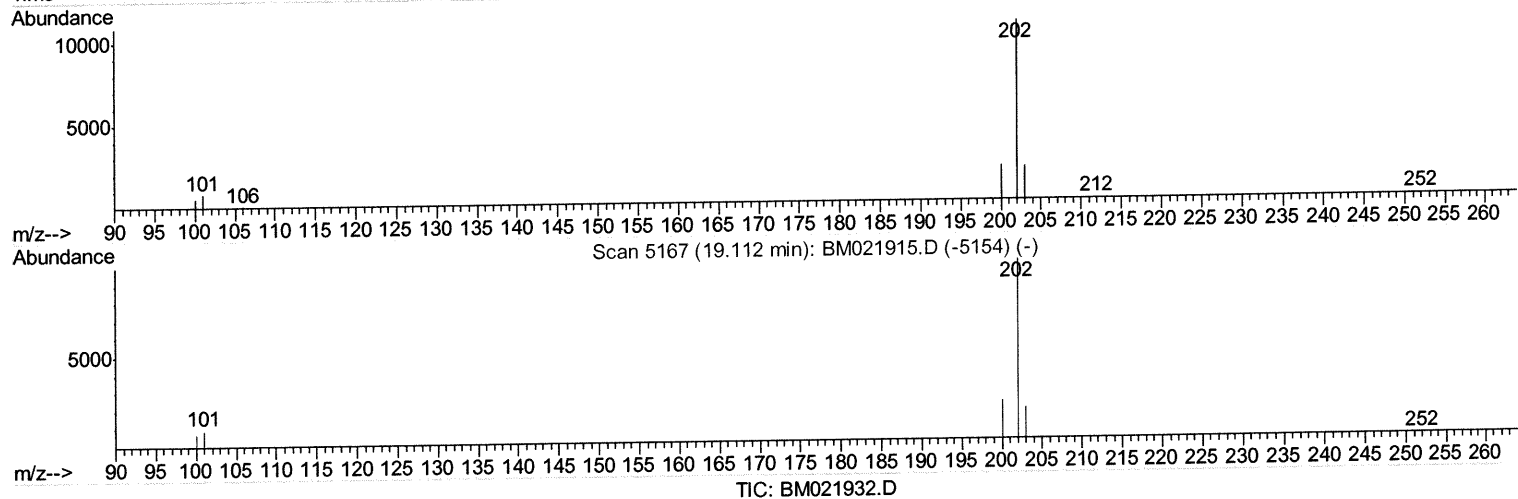
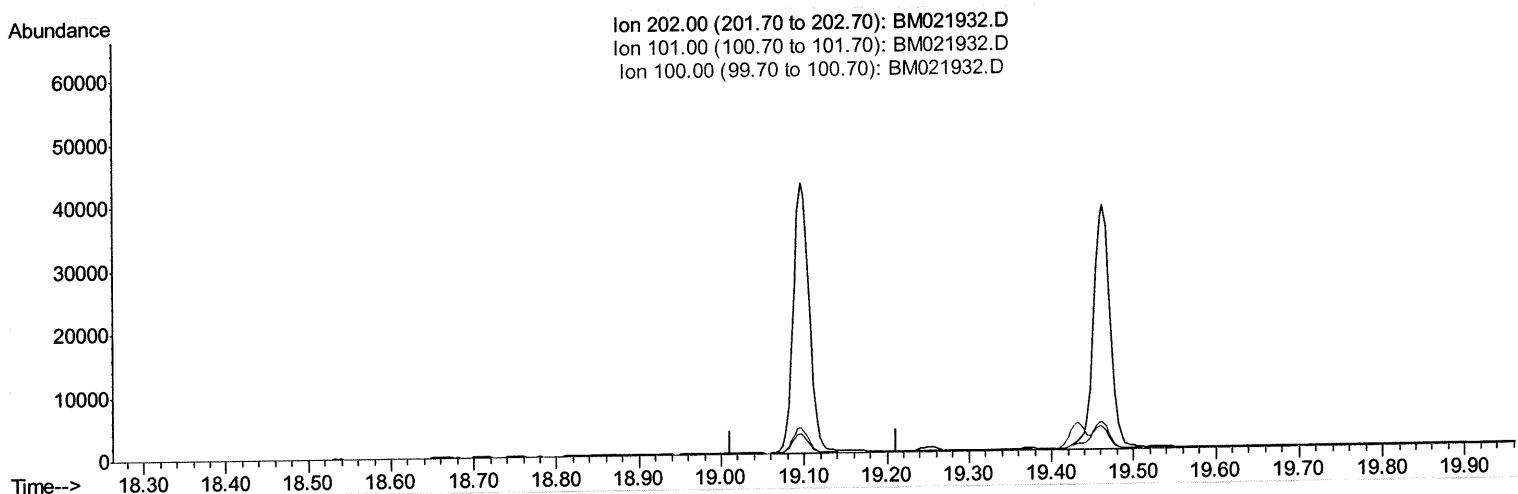
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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)

19.112min (-19.112) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

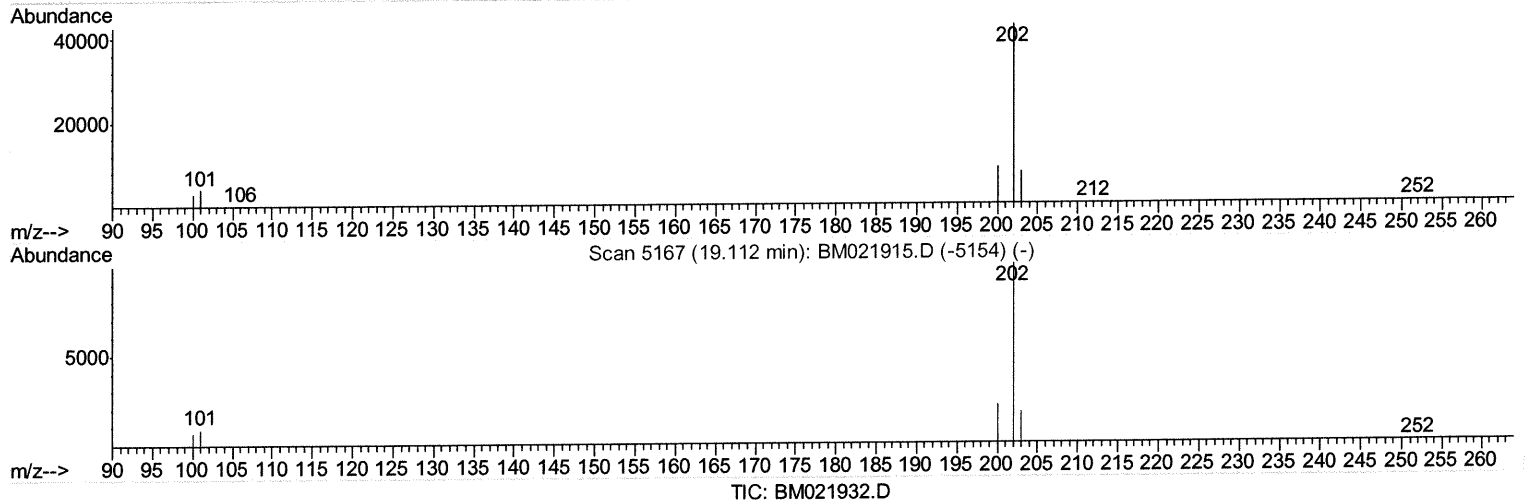
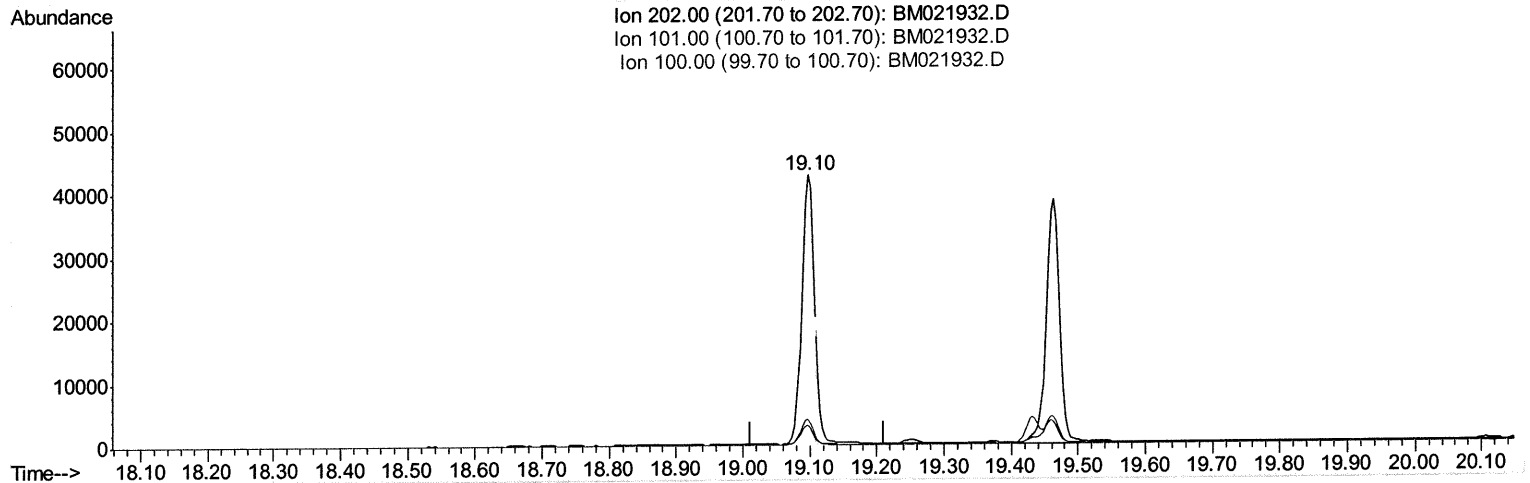
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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)

19.096min (-0.015) 3.63ng/ul m *JU 08/09/19*

response 56817

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.53
100.00	8.10	7.33
0.00	0.00	0.00

Quantitation Report (Qedit)

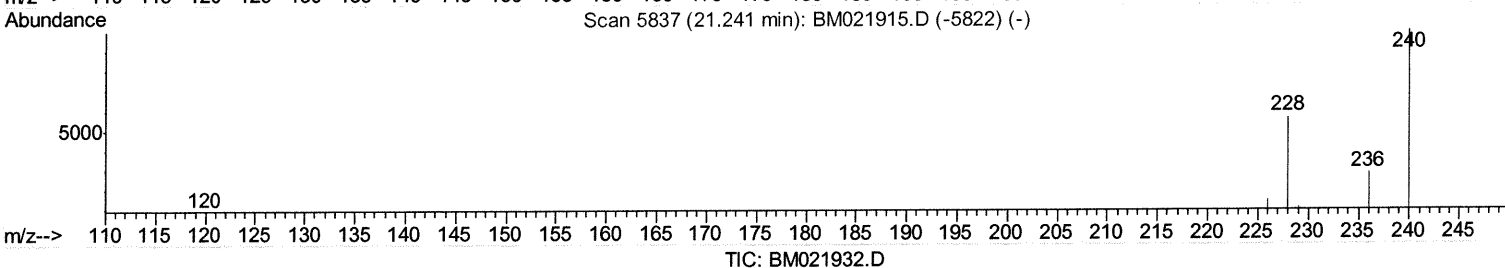
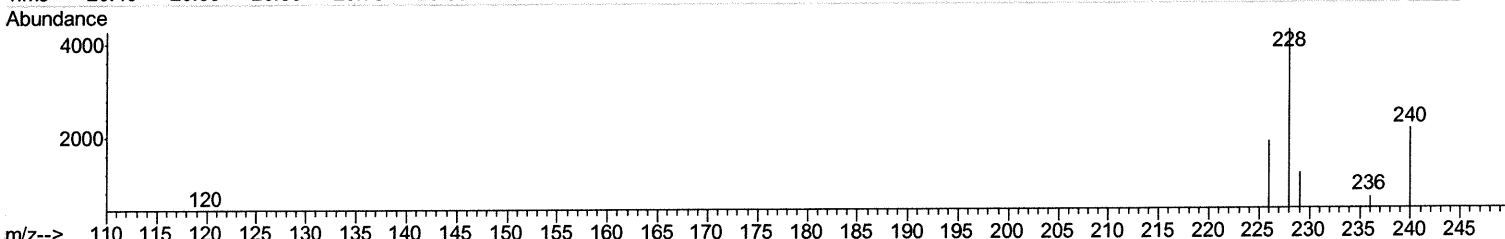
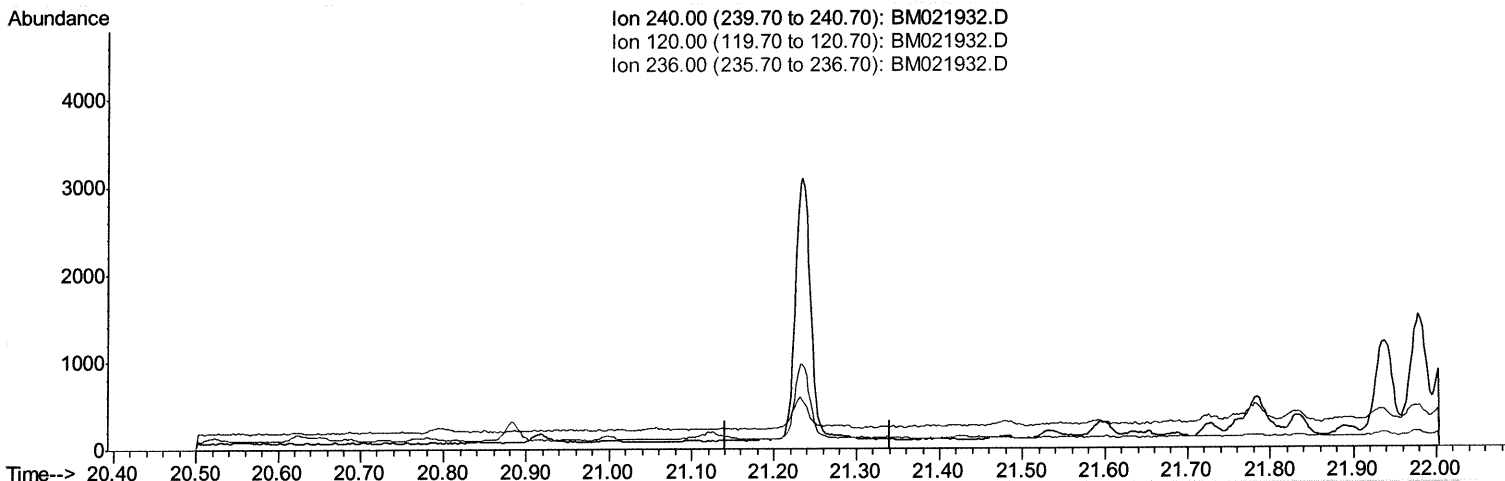
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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)

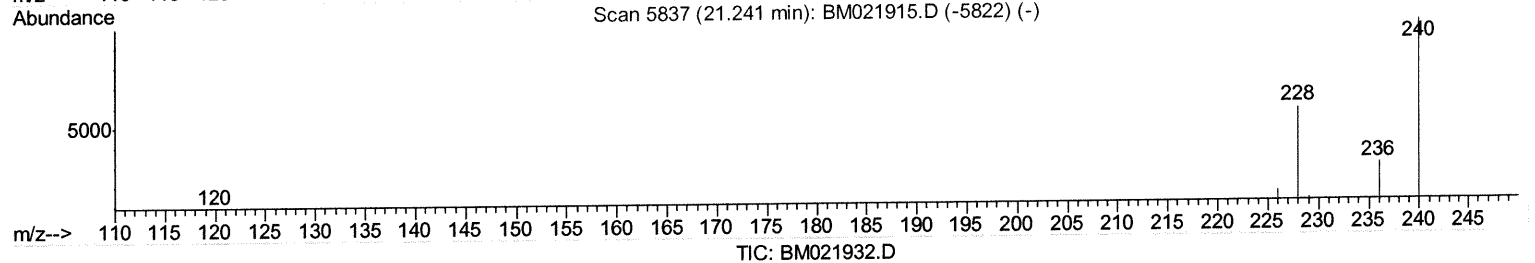
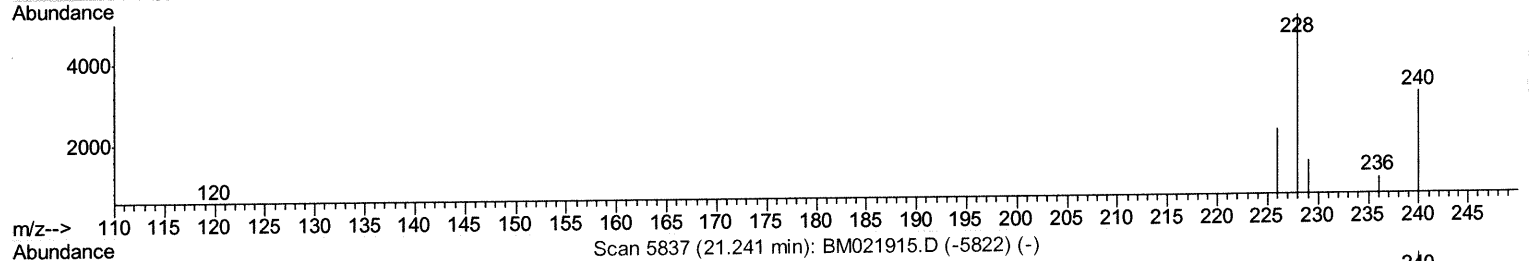
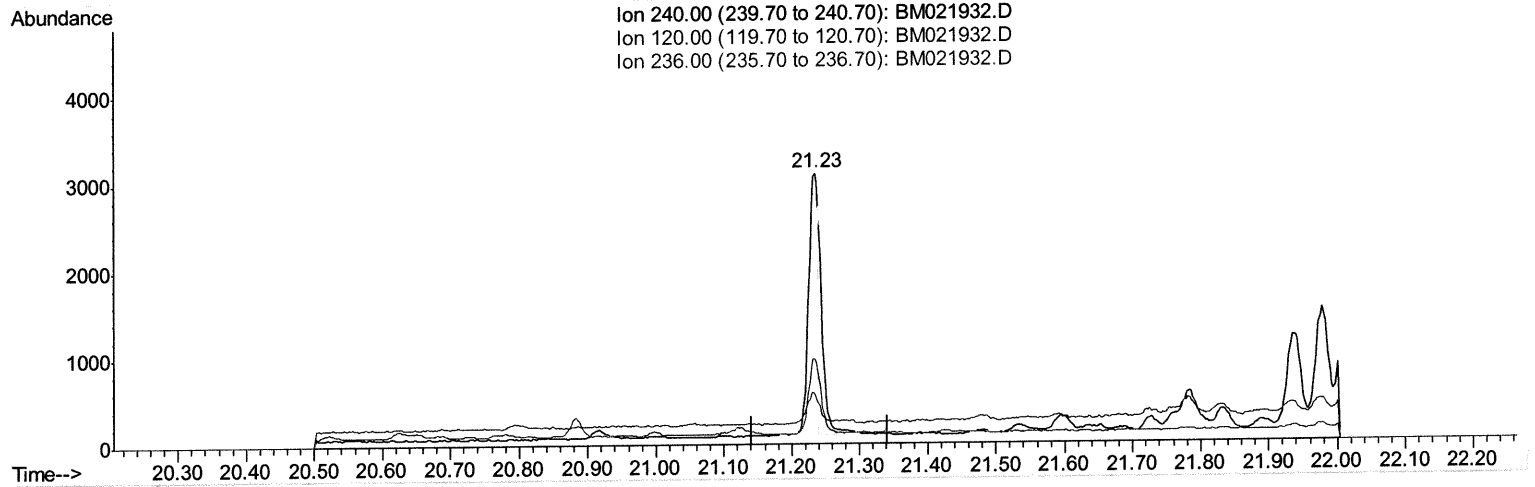
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:37:41 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 (-0.007) 0.40ng/ul m *Jo 08/09/19*

response 3768

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	18.21
236.00	32.30	31.32
0.00	0.00	0.00

Quantitation Report (Qedit)

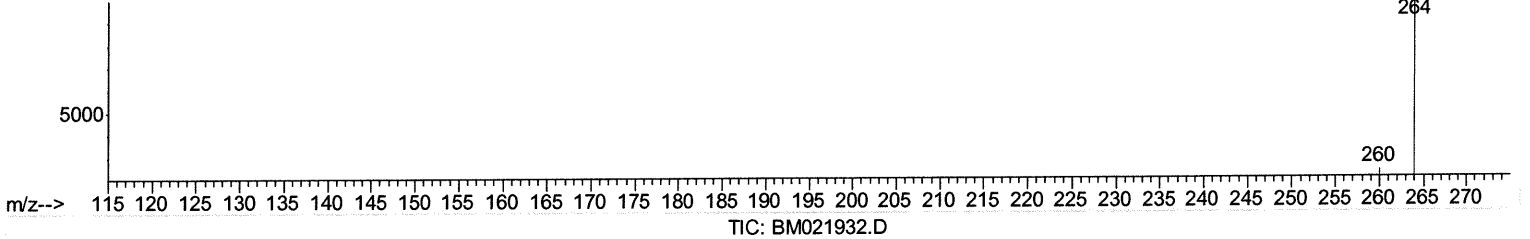
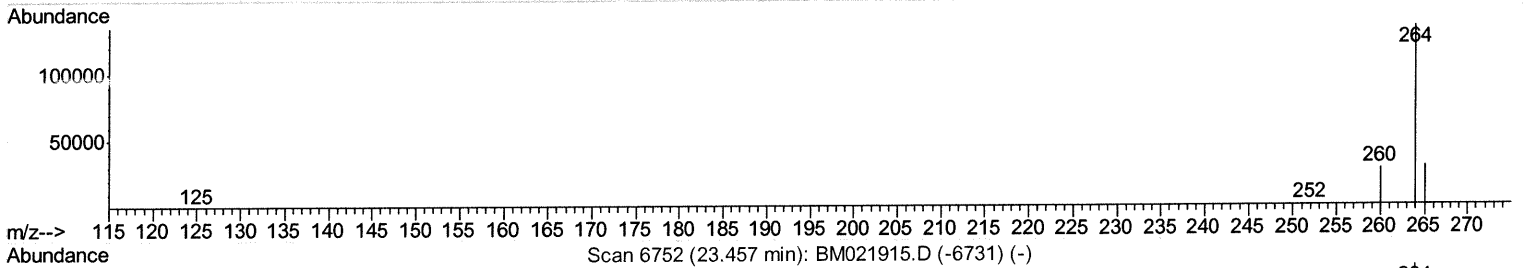
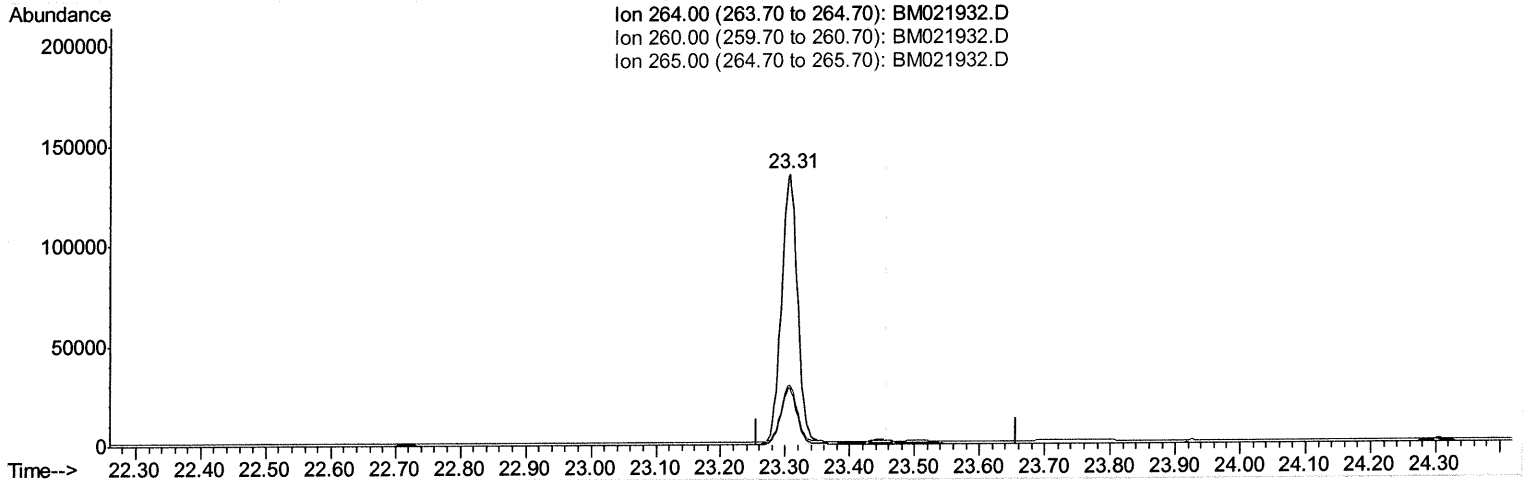
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(20) Perylene-d12 (I)

23.307min (-0.150) 0.40ng/ul

response 237803

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.82#
265.00	117.00	22.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

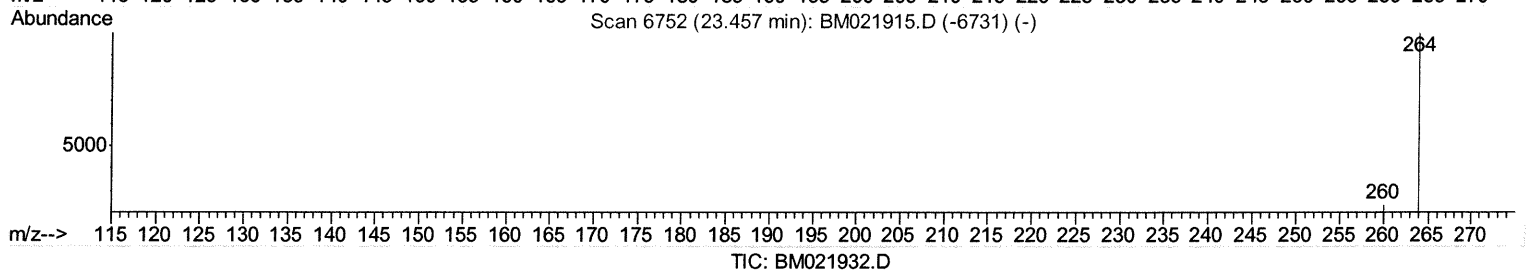
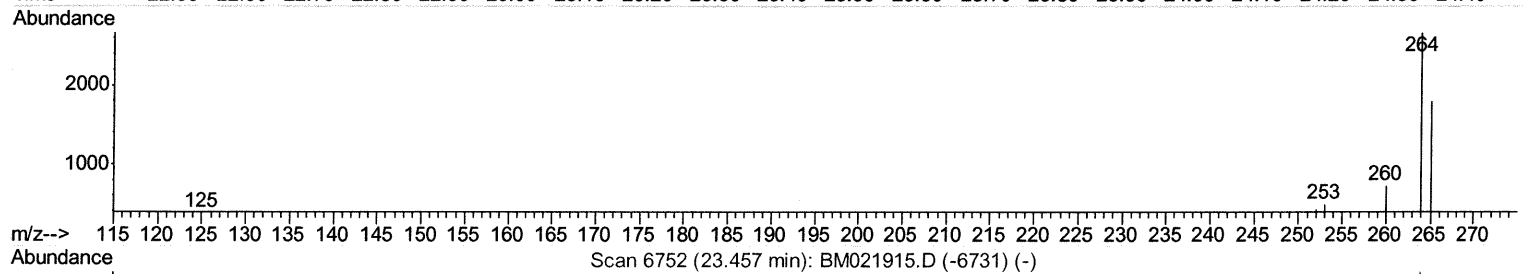
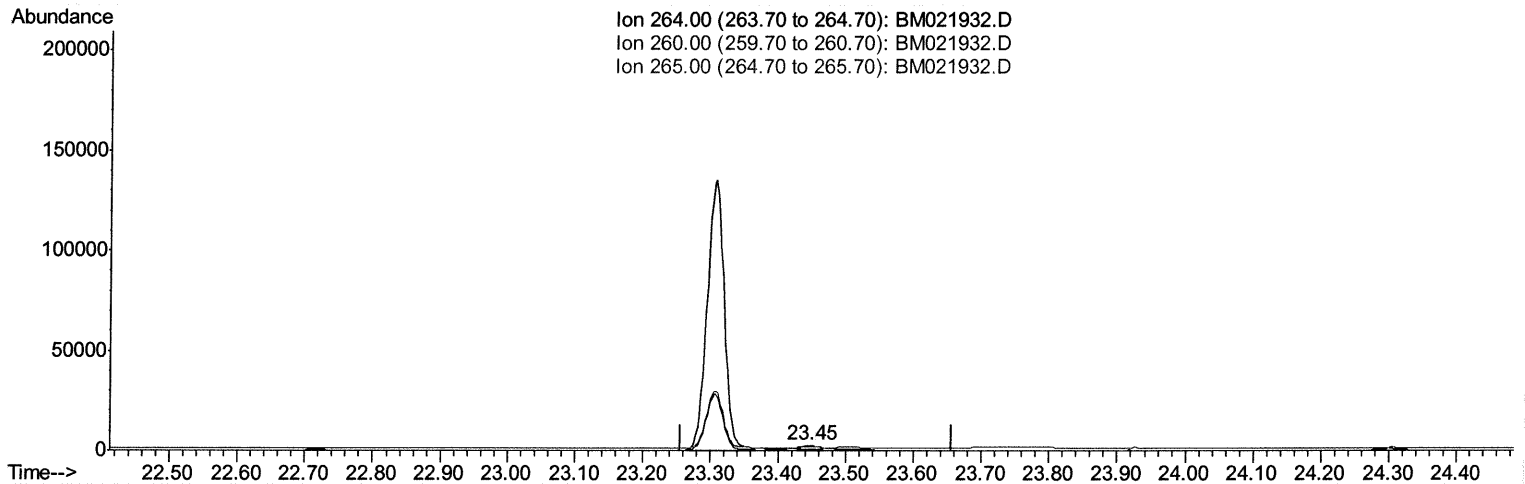
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(20) Perylene-d12 (I)

23.448min (-0.010) 0.40ng/ul m *JU 08/10/19*

response 3684

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.17
265.00	117.00	67.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

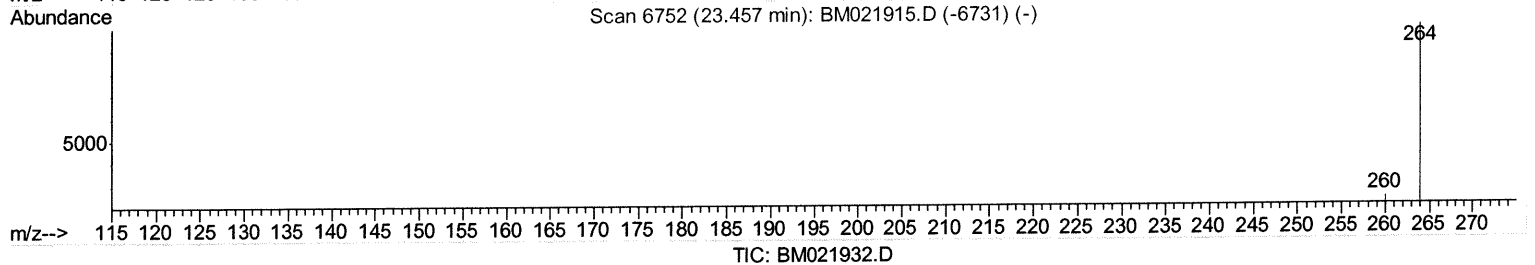
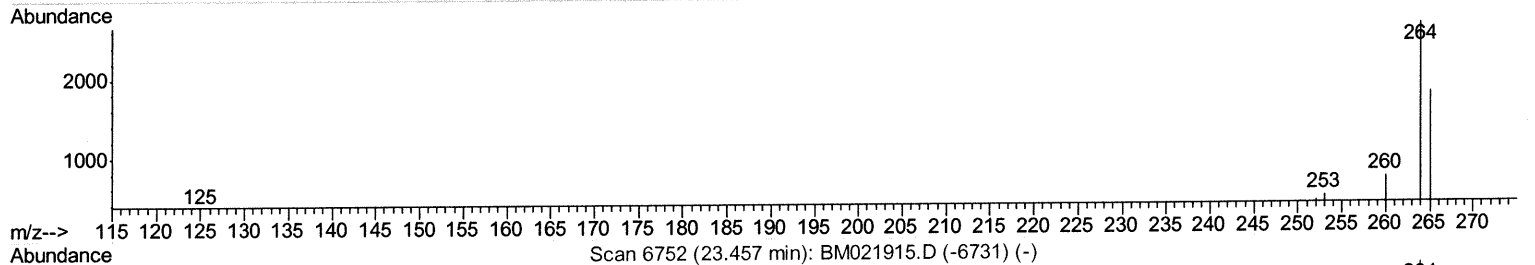
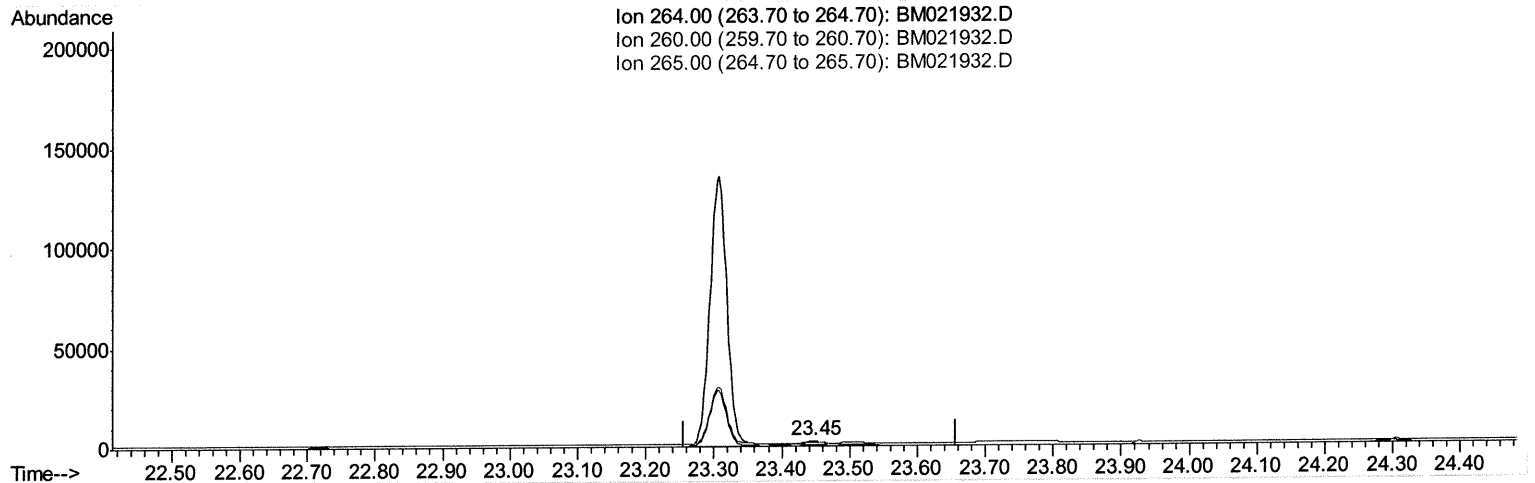
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:50 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)

23.448min (-0.010) 0.40ng/ul m *JU 08/09/19*

response 3684

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.17
265.00	117.00	67.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

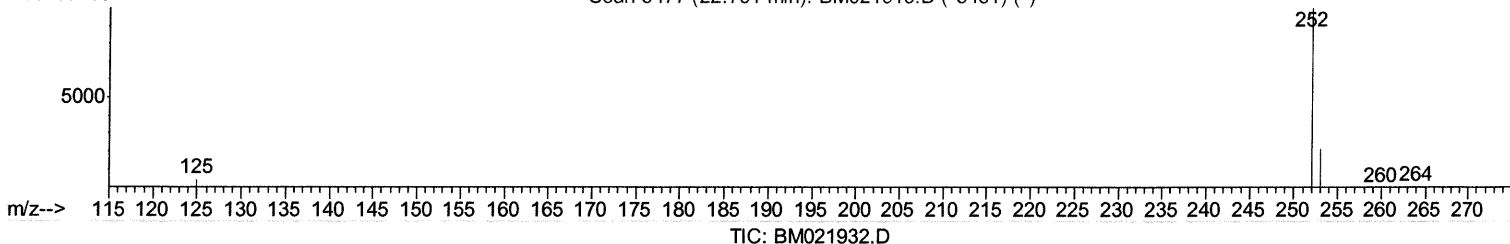
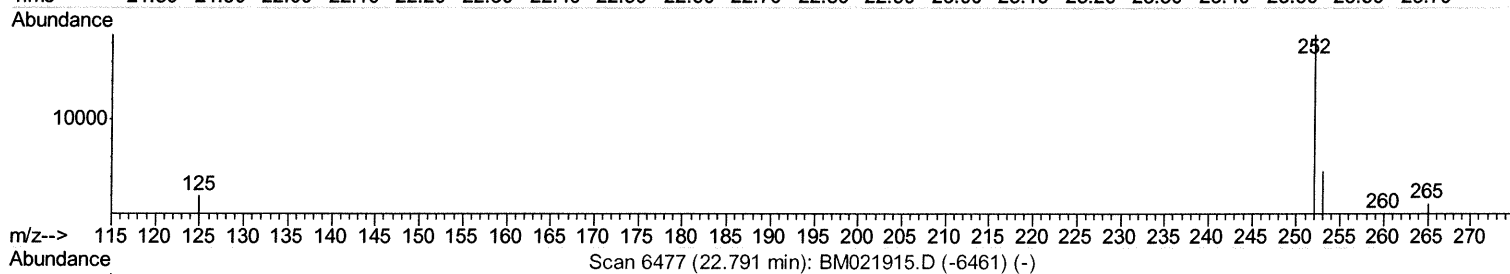
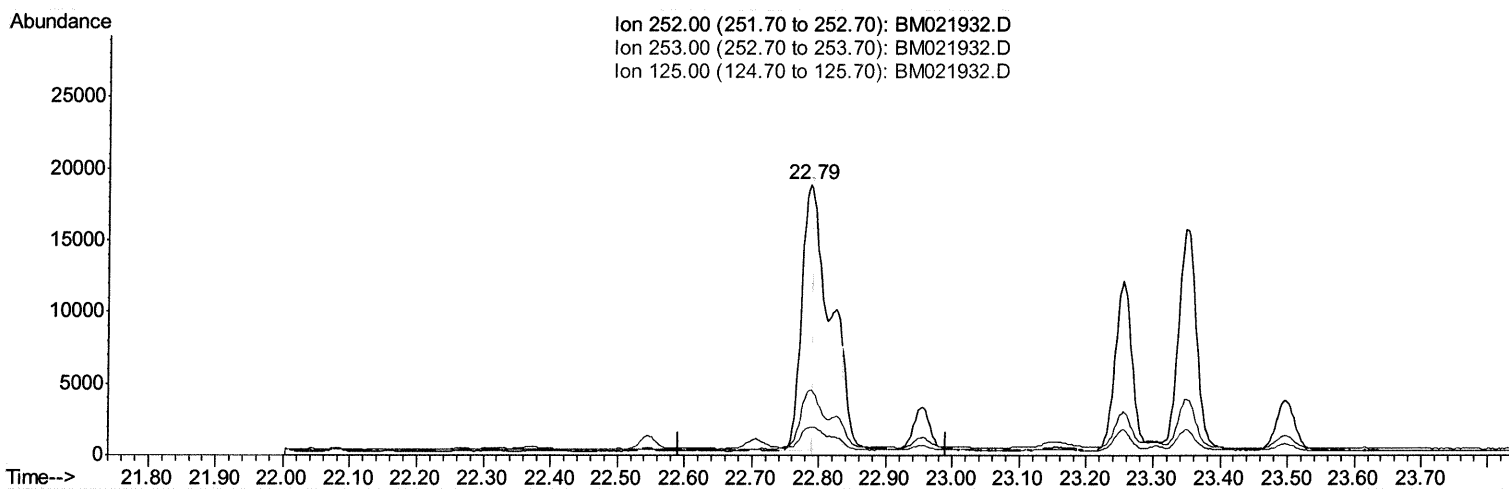
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(21) Benzo(b)fluoranthene

22.786min (-0.005) 4.16ng/ul

response 51713

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.03
125.00	15.50	10.51
0.00	0.00	0.00

Quantitation Report (Qedit)

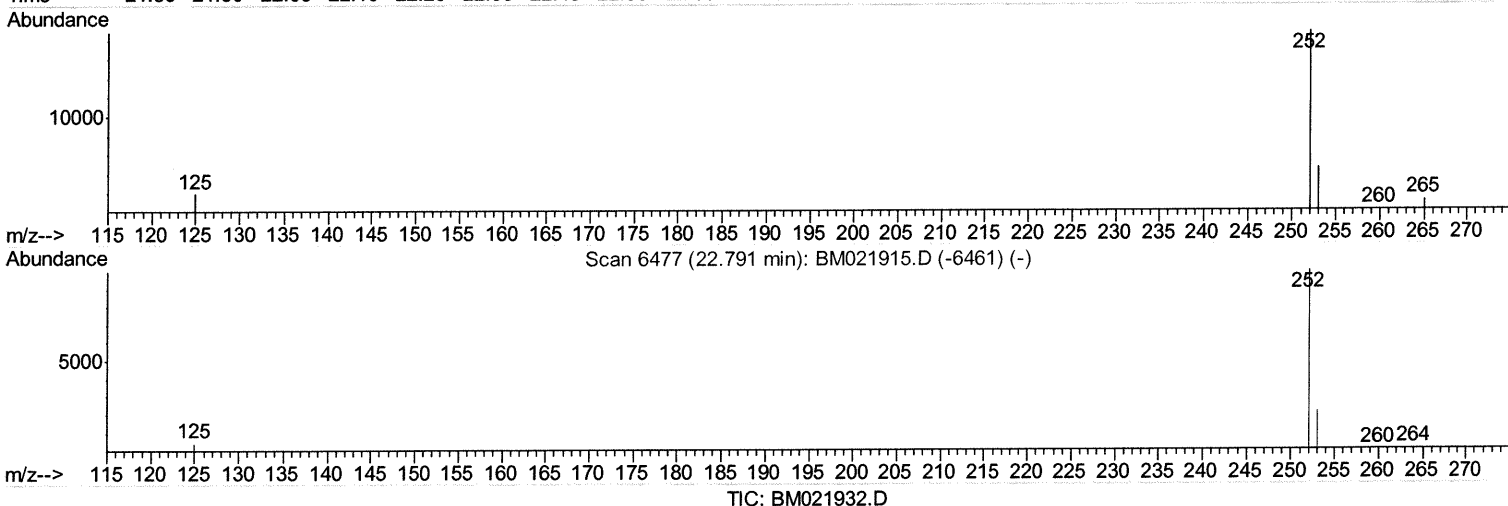
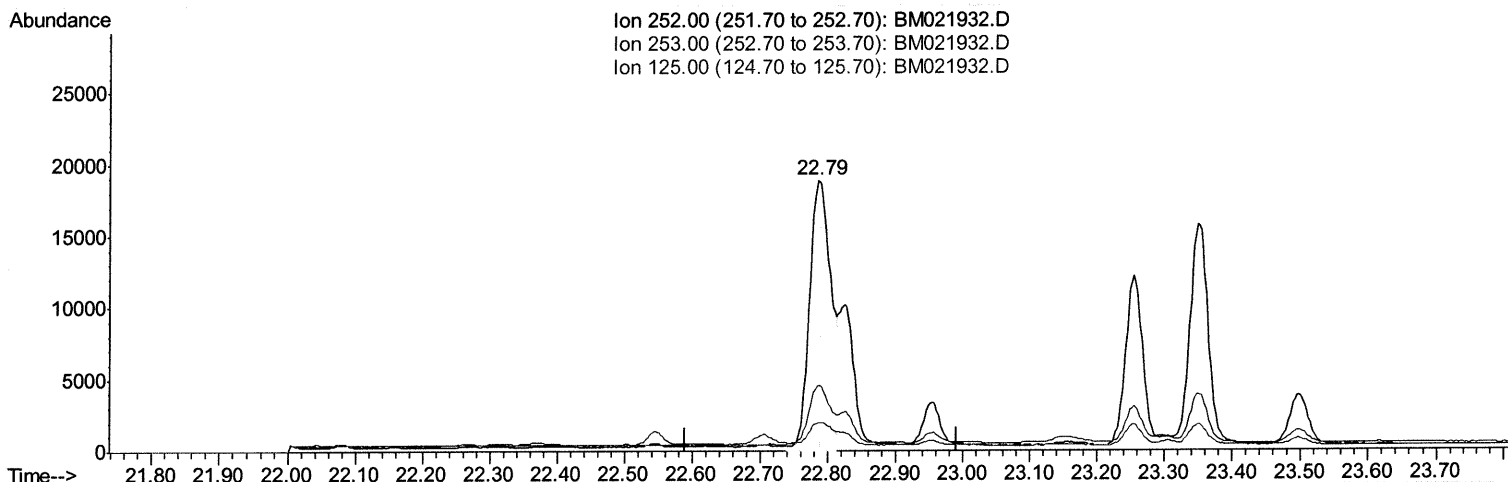
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(21) Benzo(b)fluoranthene

22.786min (-0.005) 3.32ng/ul m *JU 8/10/19*

response 41264

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.03
125.00	15.50	10.51
0.00	0.00	0.00

Quantitation Report (Qedit)

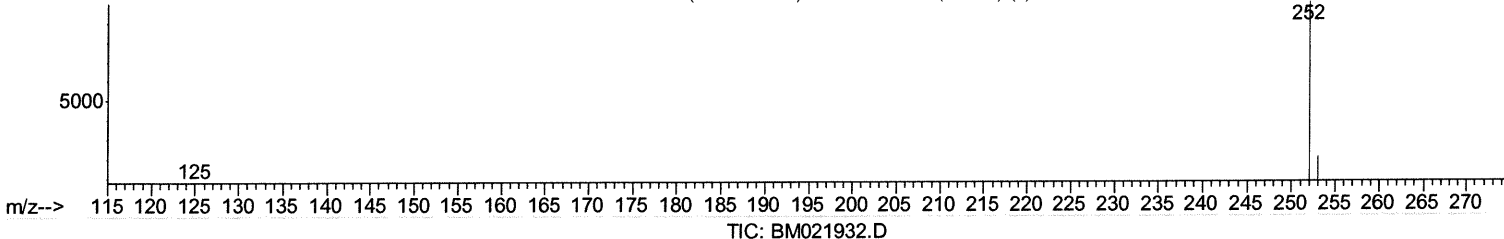
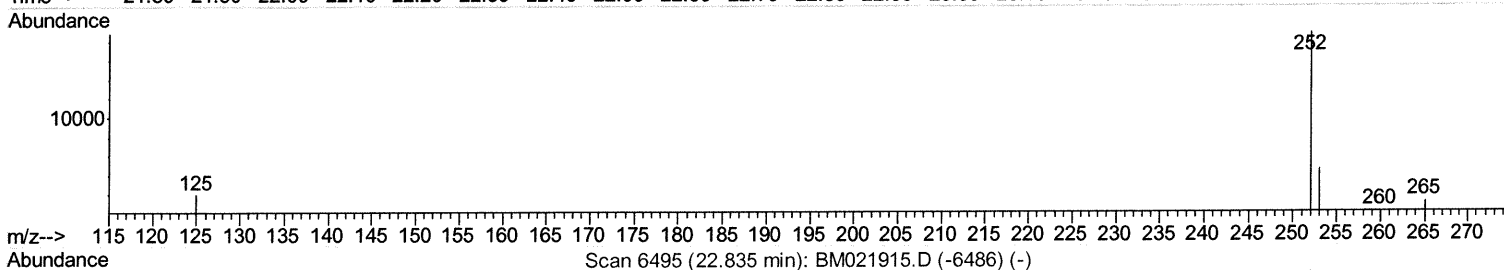
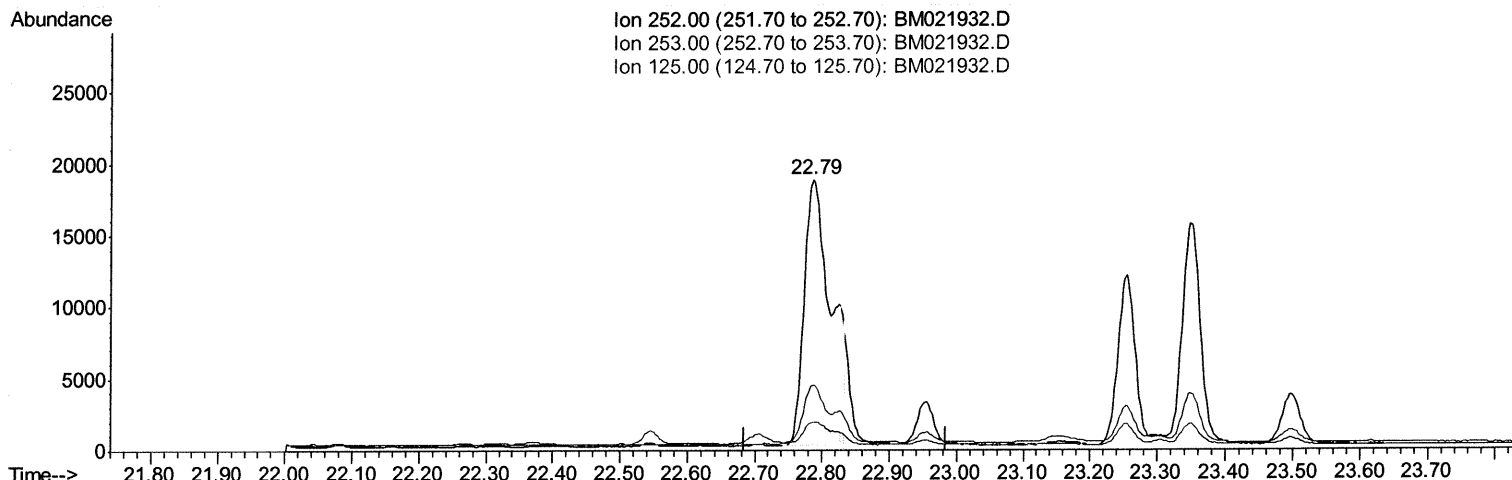
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(22) Benzo(k)fluoranthene

22.786min (-0.048) 3.42ng/ul

response 48136

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.03#
125.00	15.20	10.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

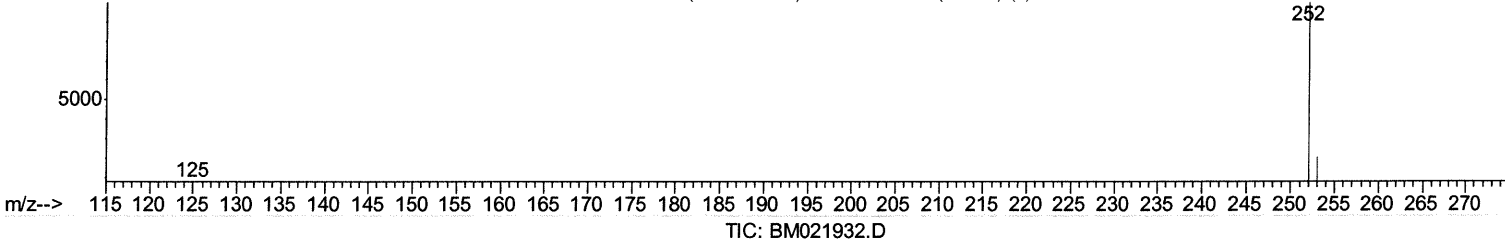
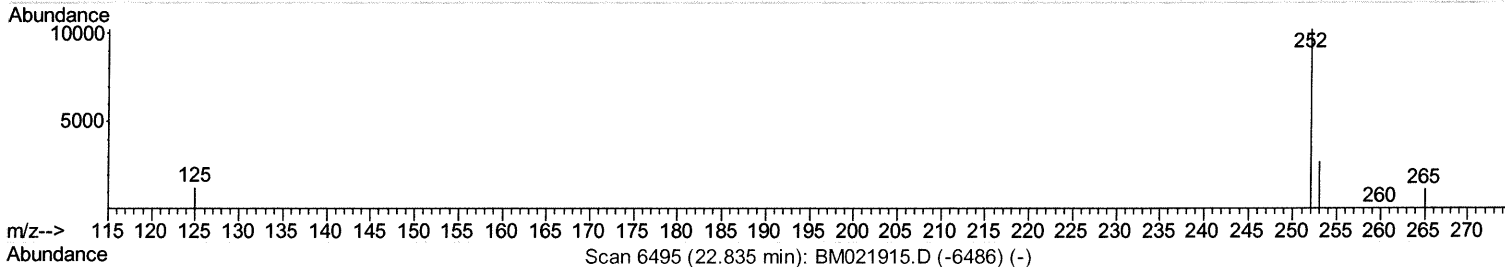
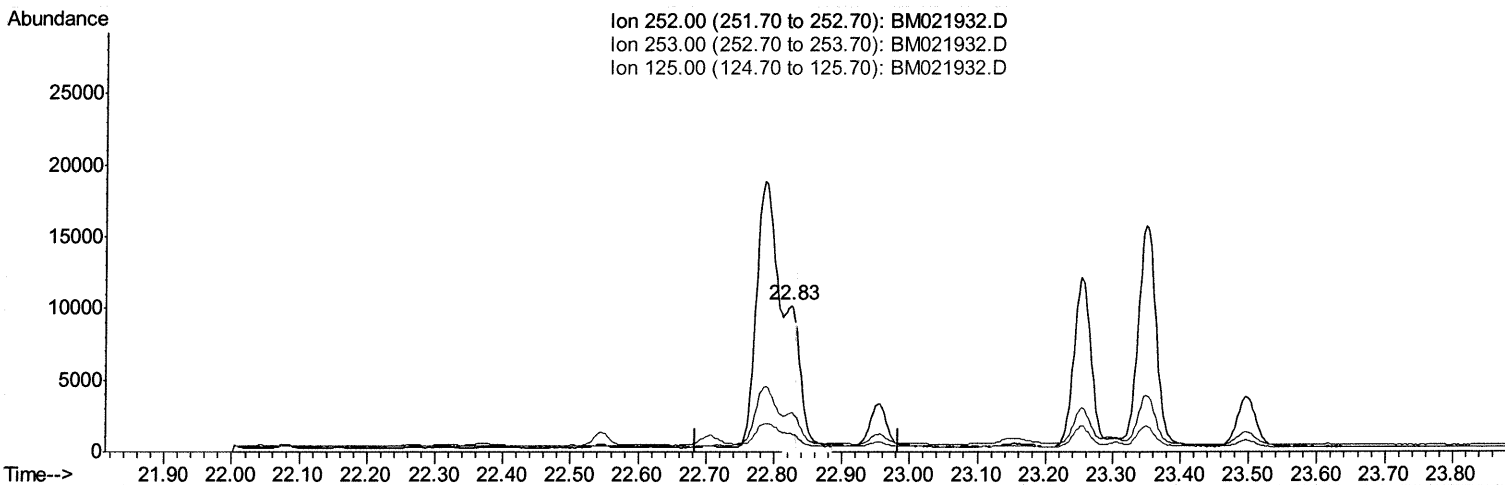
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(22) Benzo(k)fluoranthene

22.825min (-0.009) 1.22ng/ul m

response 17130

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.83#
125.00	15.20	12.65
0.00	0.00	0.00

Quantitation Report (Qedit)

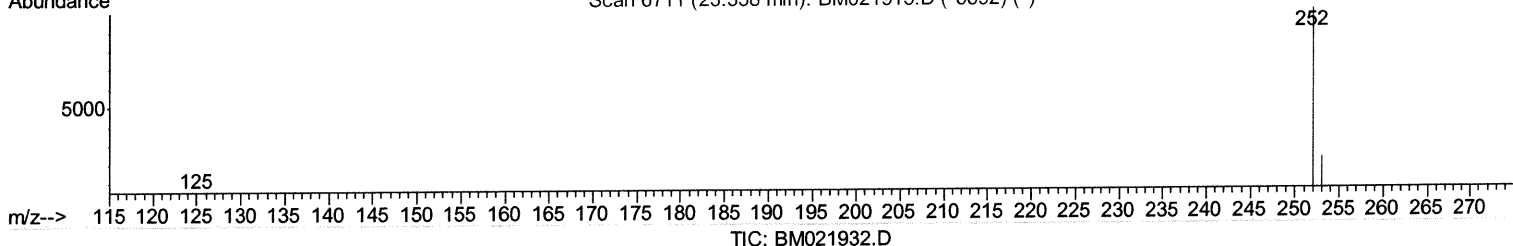
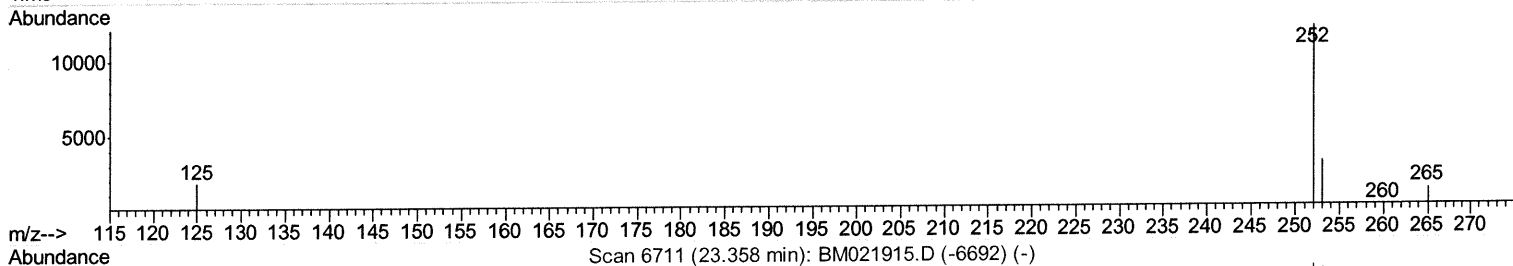
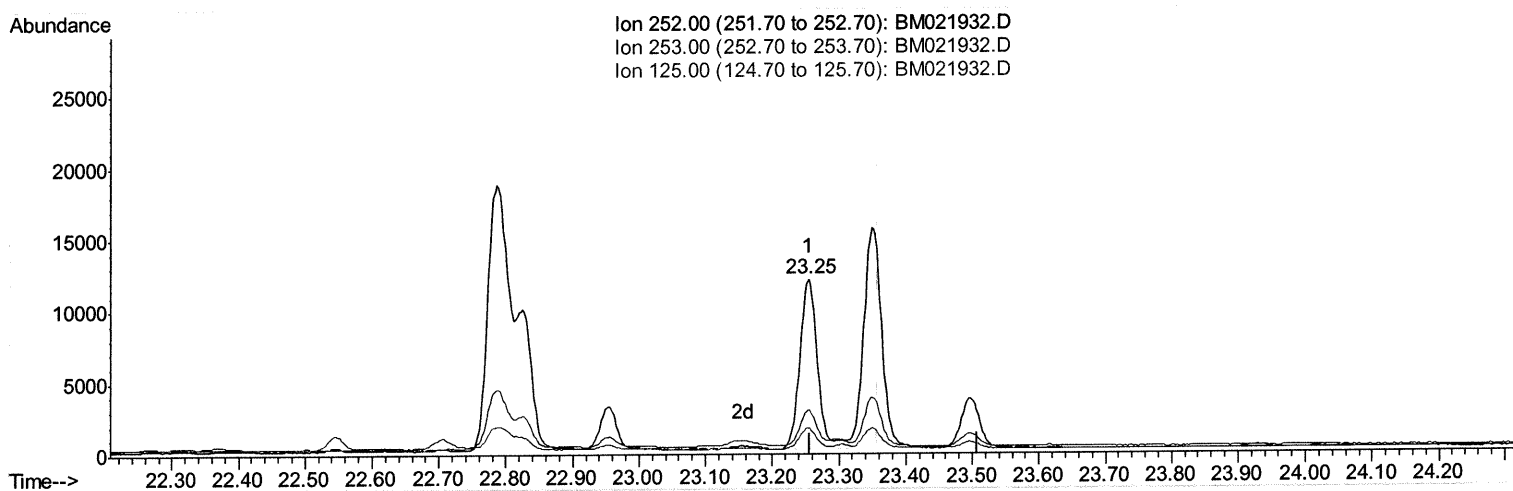
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(23) Benzo(a)pyrene (C)

23.254min (-0.104) 1.73ng/ul

response 21837

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	25.03#
125.00	18.20	14.88
0.00	0.00	0.00

Quantitation Report (Qedit)

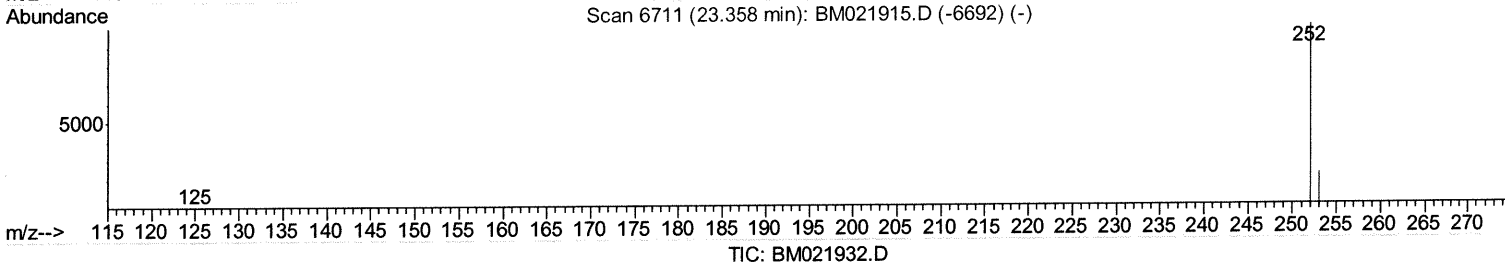
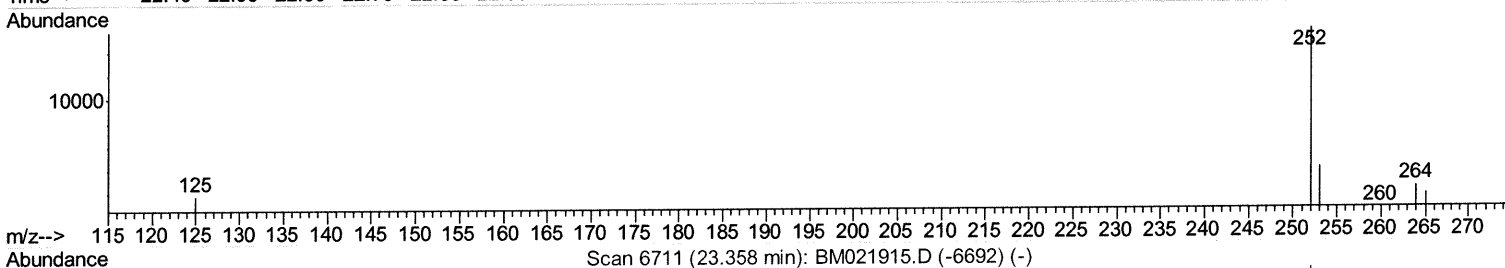
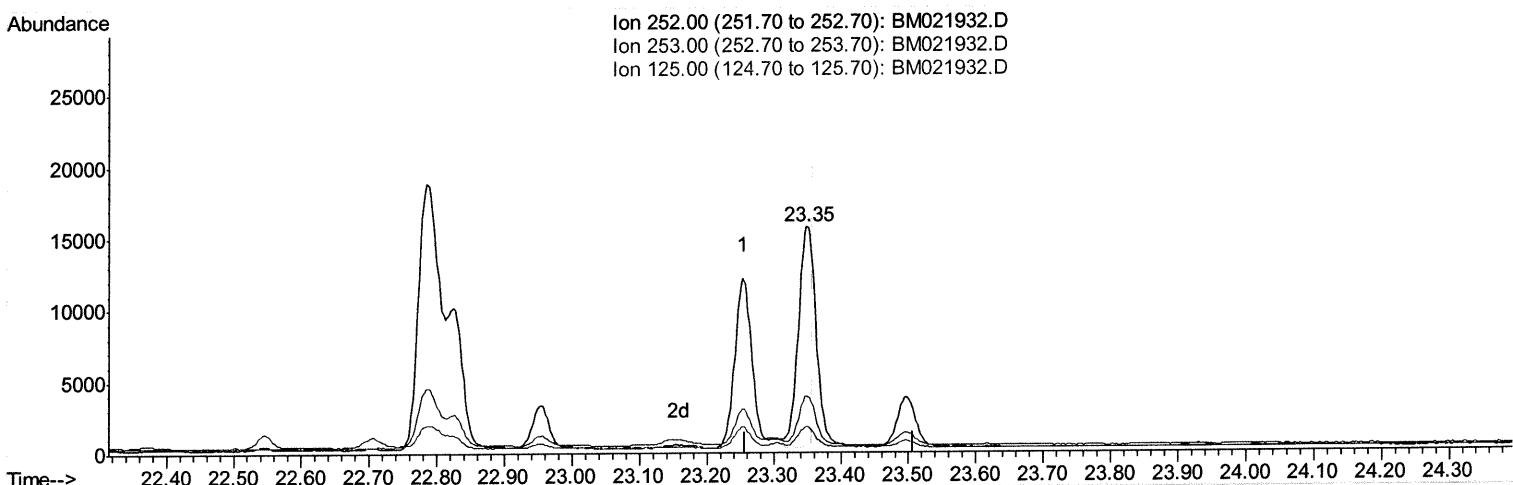
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(23) Benzo(a)pyrene (C)

23.348min (-0.010) 2.27ng/ul m *JU 08/09/19*

response 28732

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	25.10#
125.00	18.20	11.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

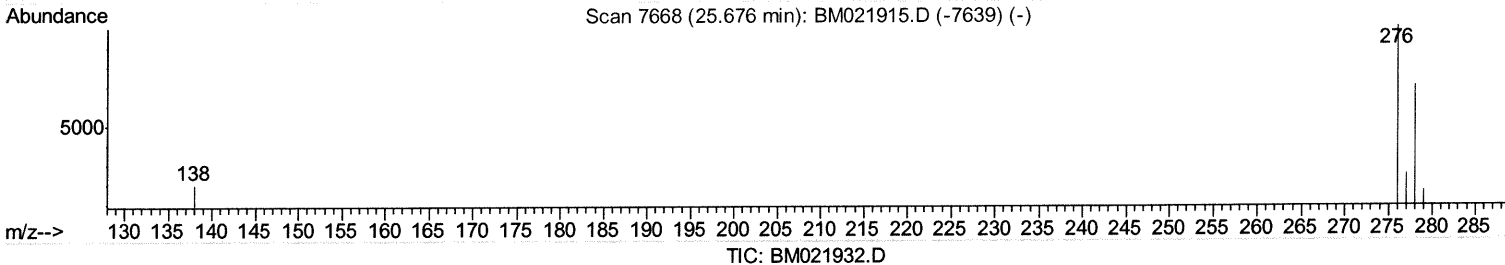
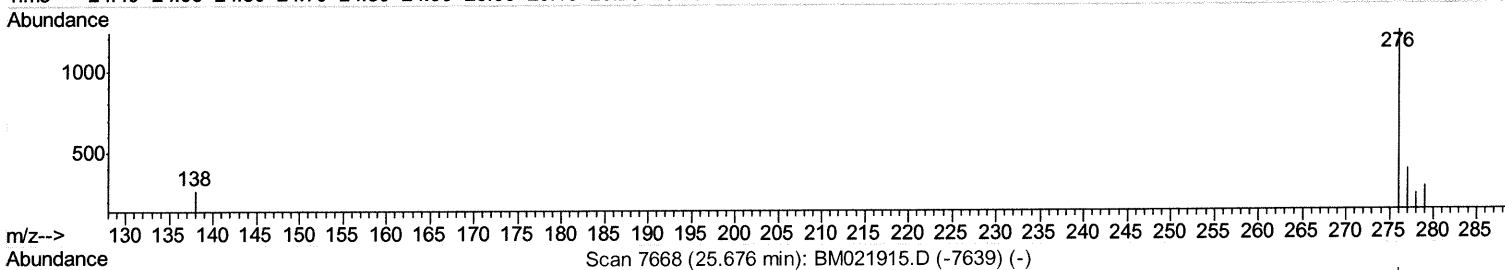
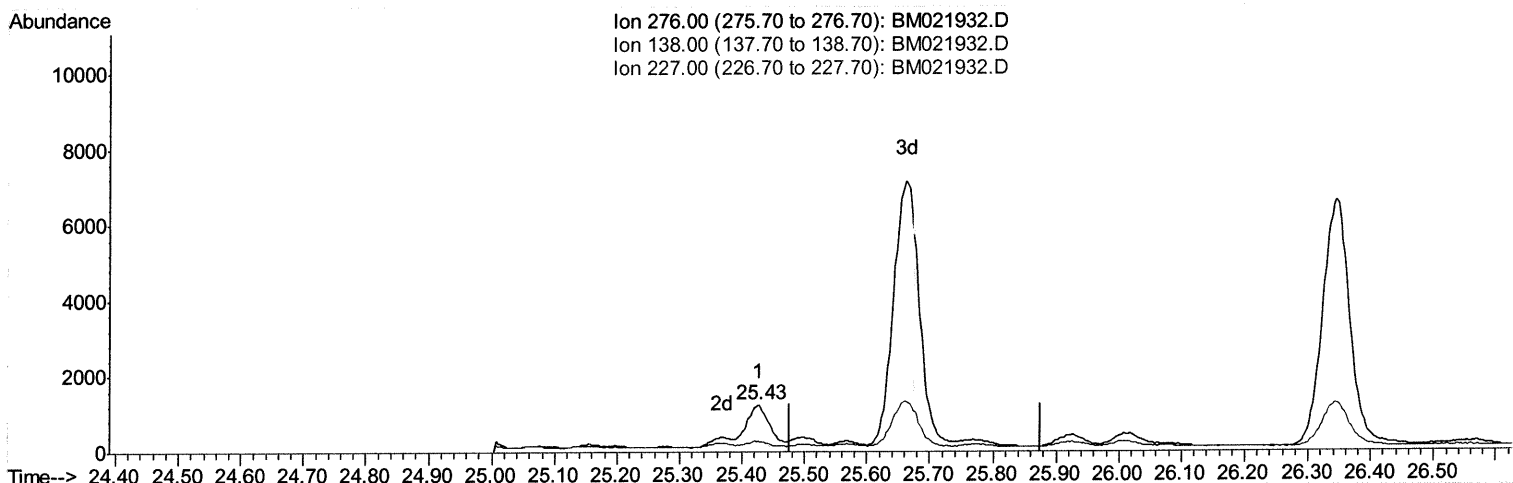
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



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

25.427min (-0.249) 0.18ng/ul

response 2706

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	10.64#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

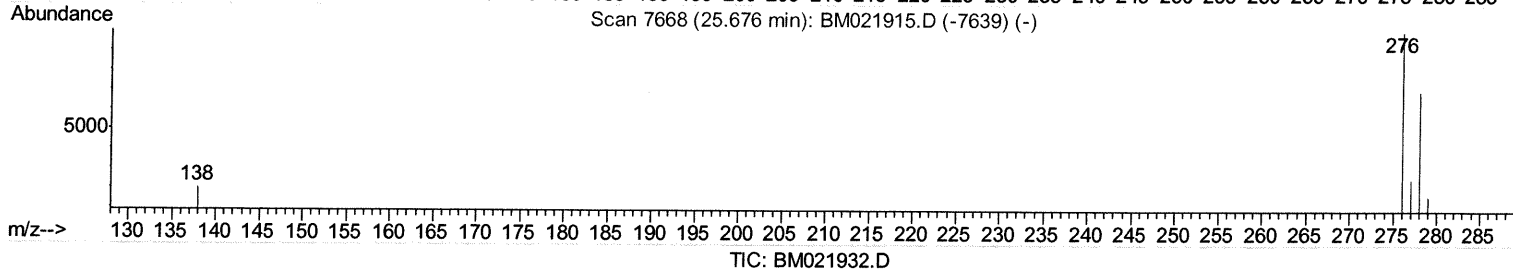
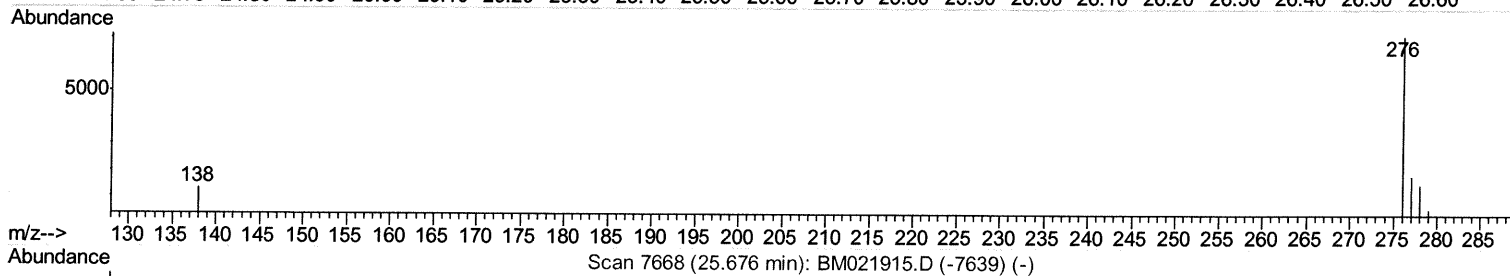
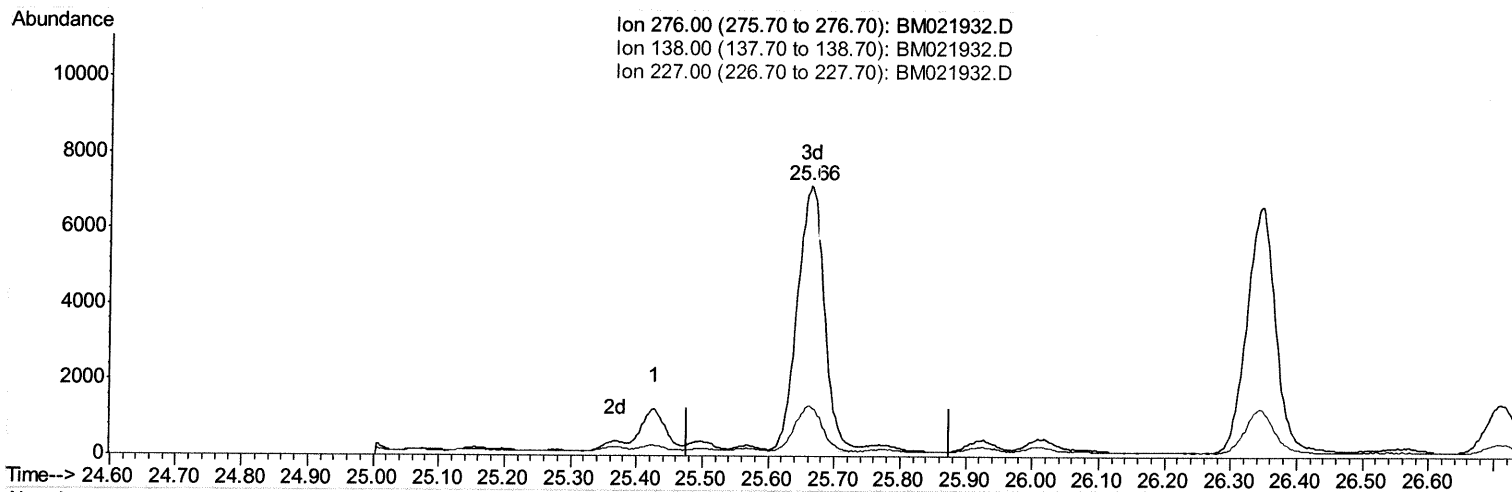
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



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

25.662min (-0.014) 1.31ng/ul m *JU 08/09/19*

response 19787

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.46#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

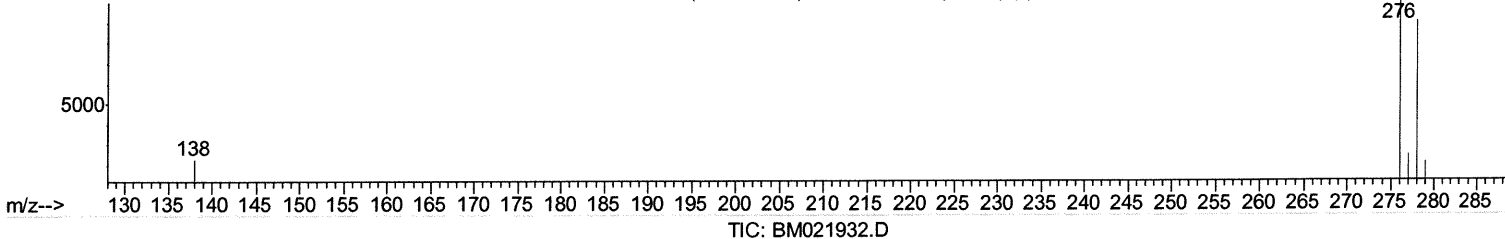
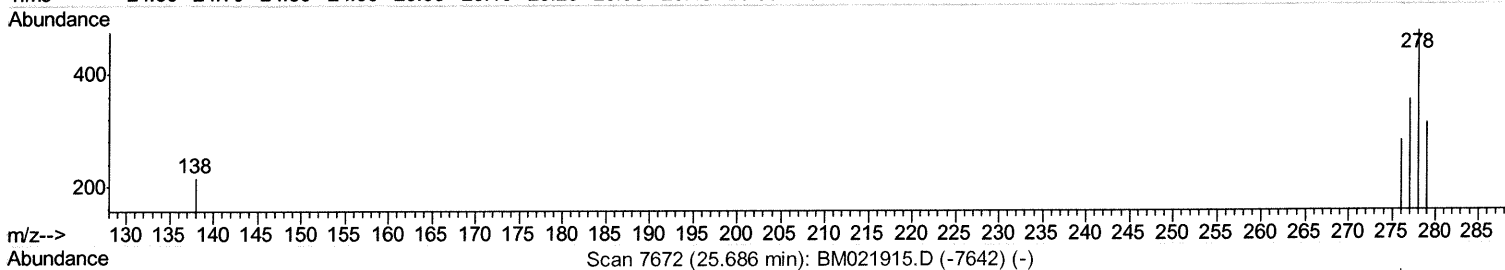
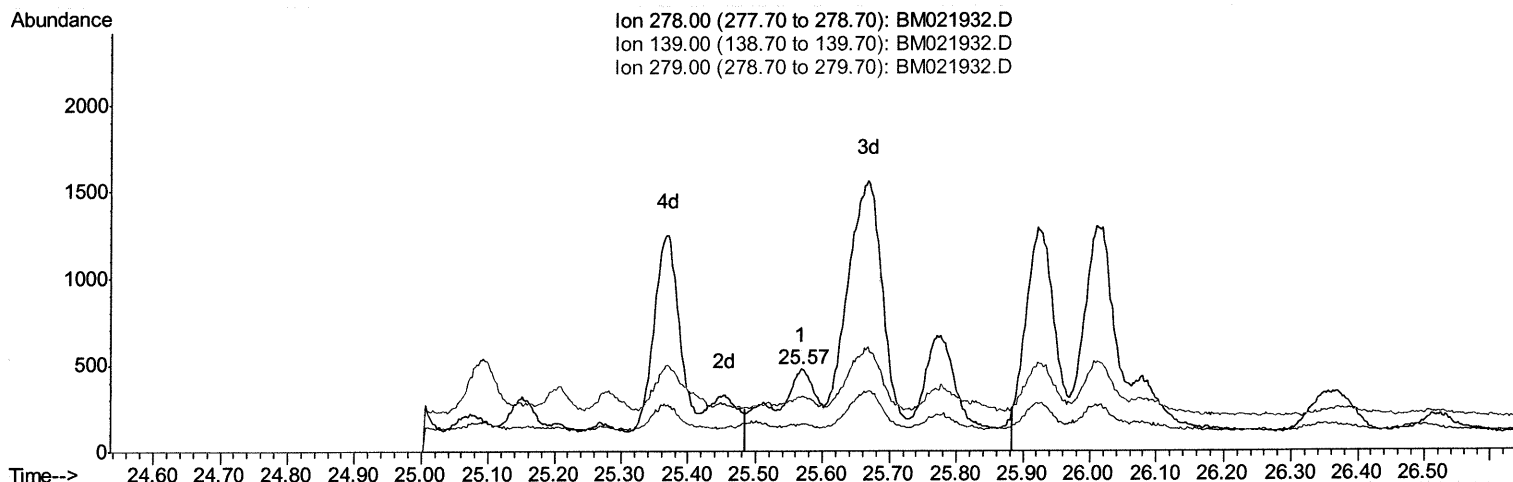
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021932.D
Acq On : 08 Aug 2019 14:26
Operator : HP/JU
Sample : K4028-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(25) Dibenzo(a,h)anthracene

25.568min (-0.119) 0.04ng/ul

response 479

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	32.84#
279.00	35.40	65.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

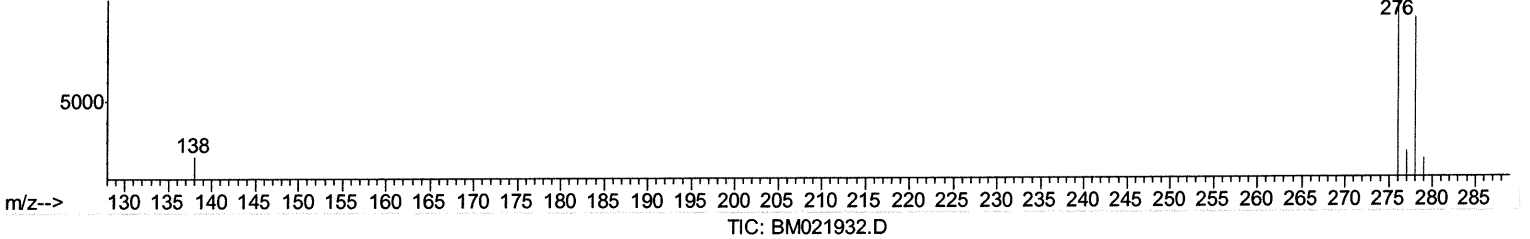
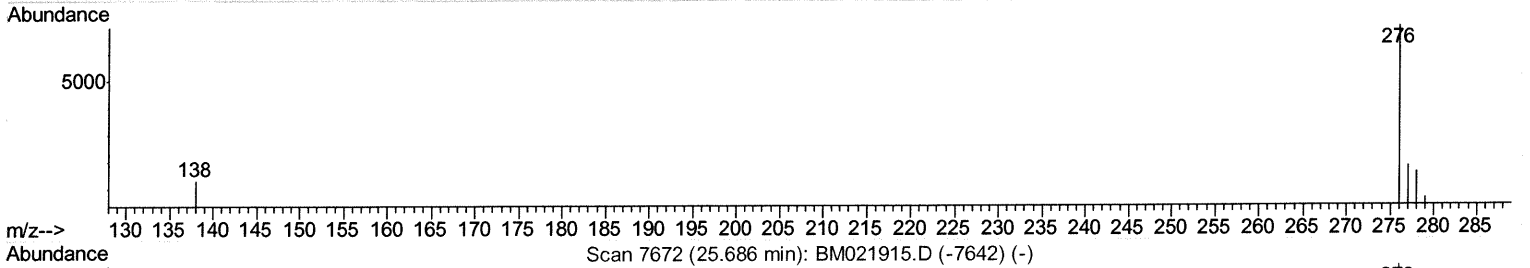
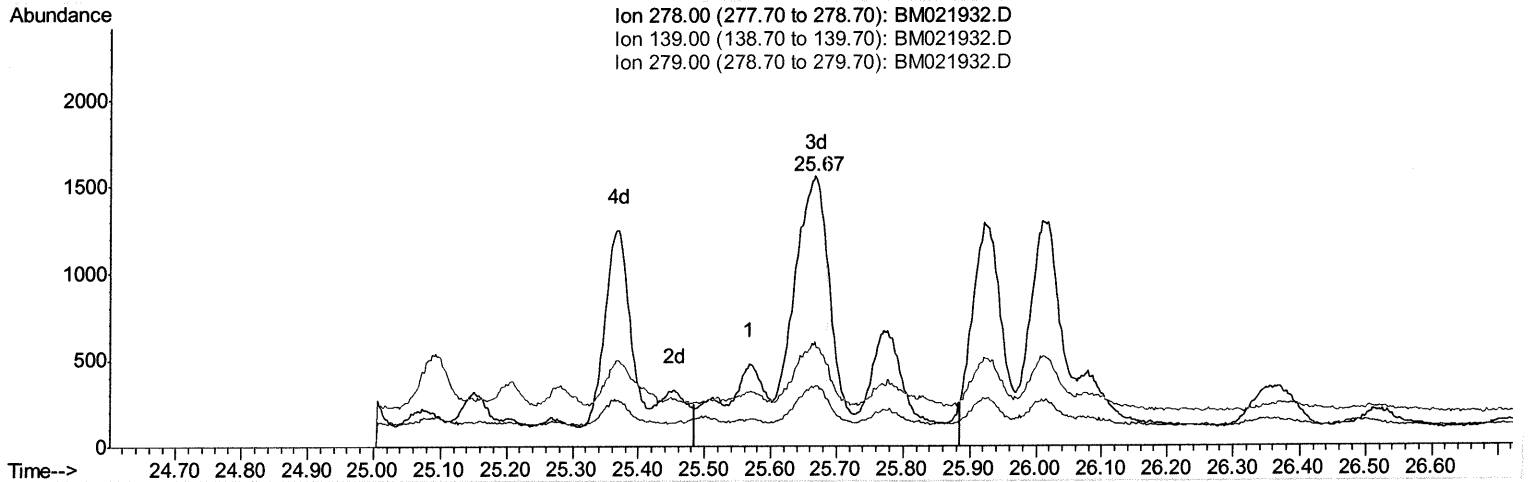
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



(25) Dibenzo(a,h)anthracene

25.667min (-0.019) 0.41ng/ul m *JU*
08/09/19

response 5003

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	22.24#
279.00	35.40	38.53
0.00	0.00	0.00

Quantitation Report (Qedit)

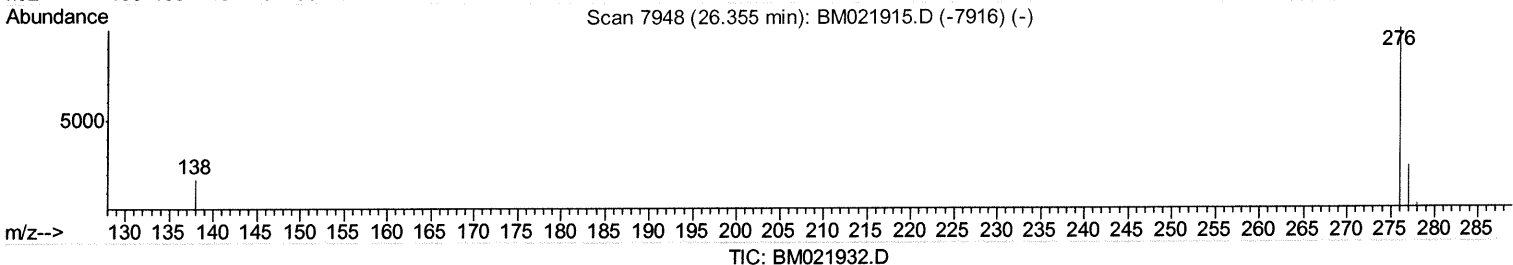
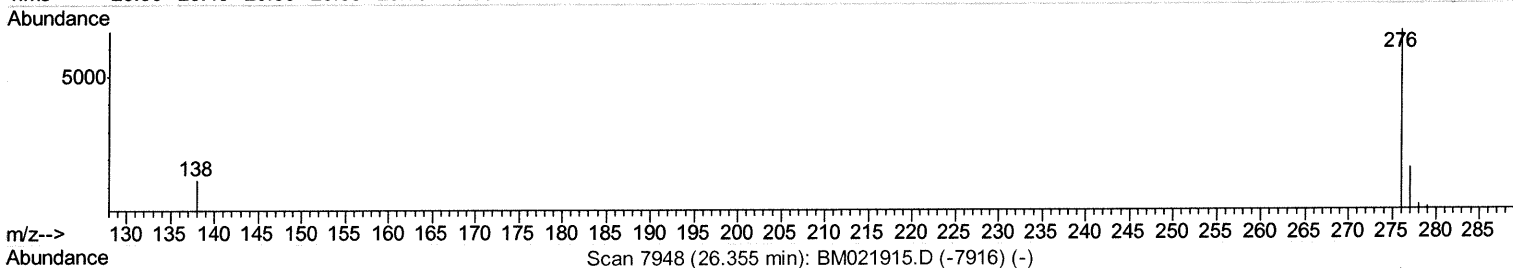
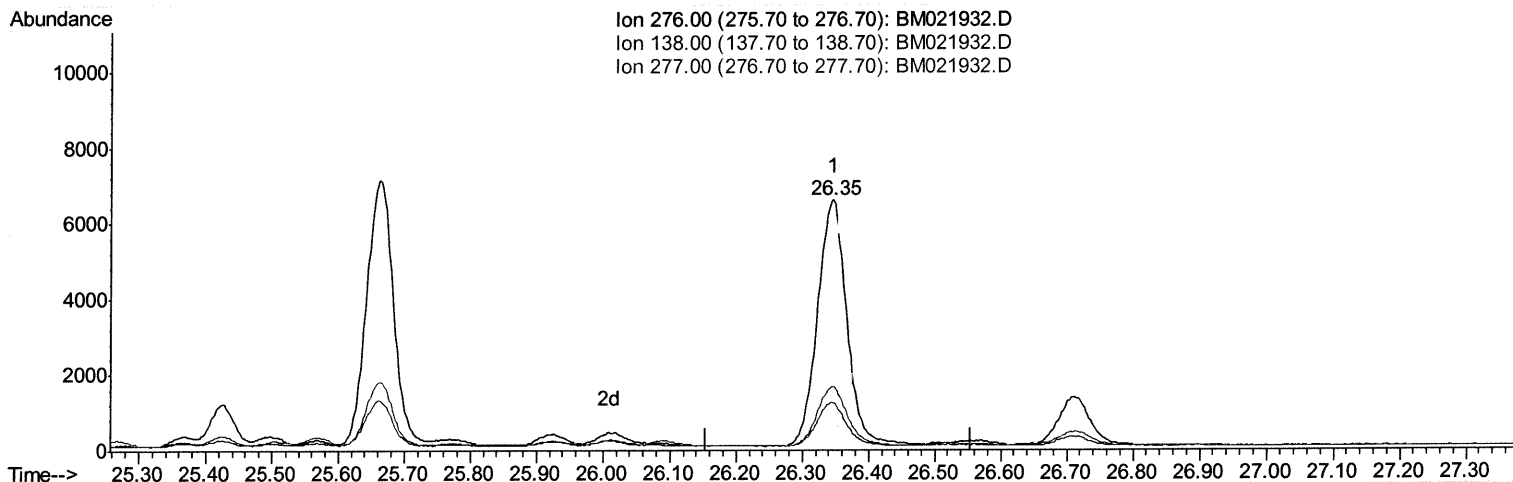
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



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

26.345min (-0.010) 1.34ng/ul

response 18155

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	18.90
277.00	26.80	25.41
0.00	0.00	0.00

Quantitation Report (Qedit)

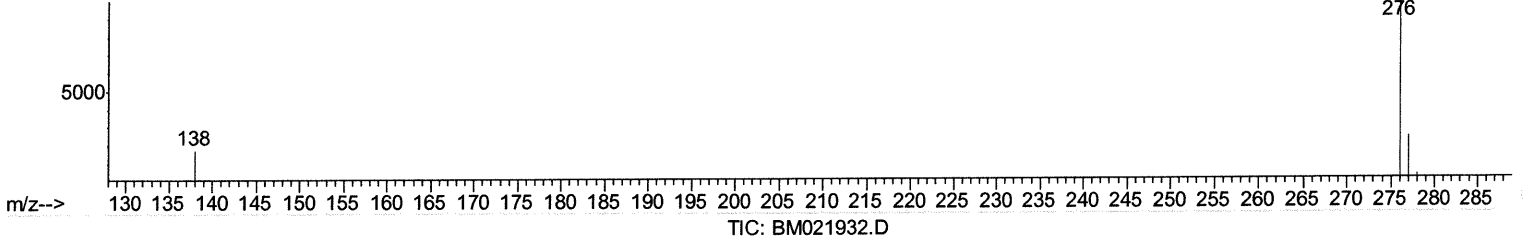
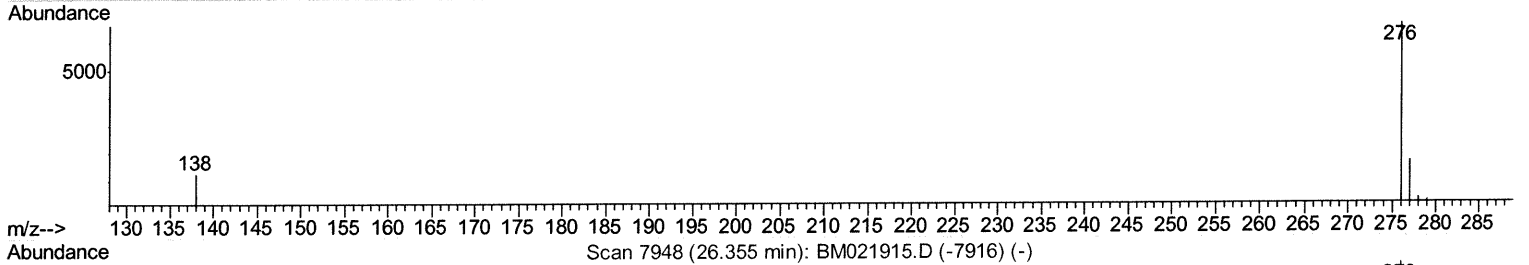
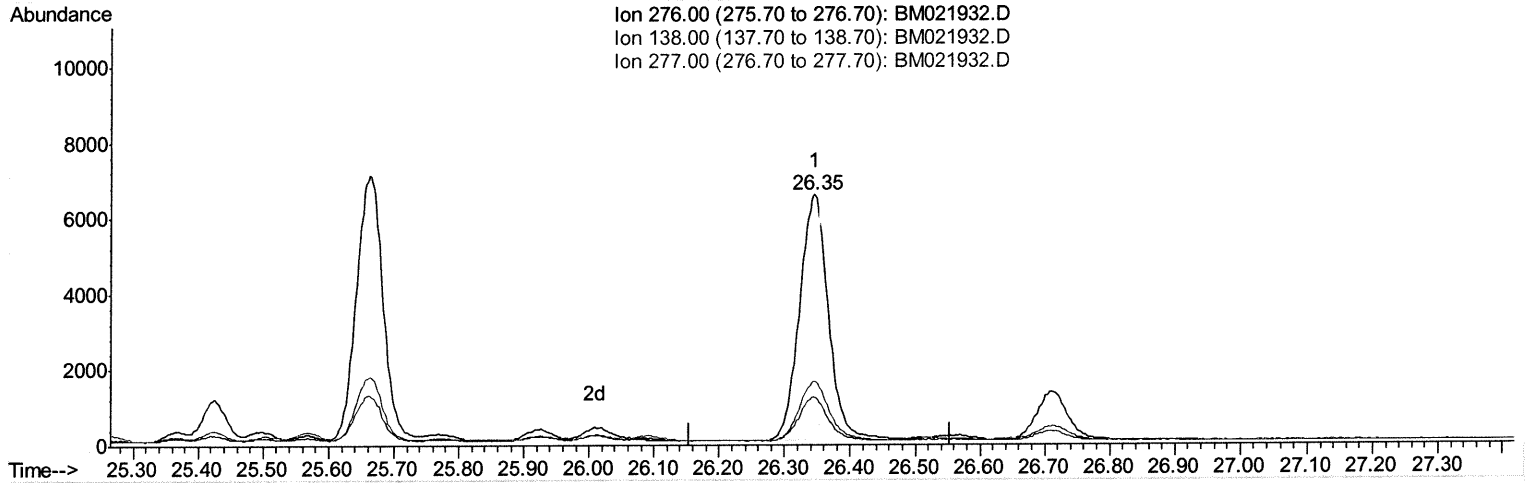
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:41:17 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



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

26.345min (-0.010) 1.45ng/ul m *Ju 08/09/19*

response 19672

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	18.90
277.00	26.80	25.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021932.D
 Acq On : 08 Aug 2019 14:26
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:47 AM

Quant Time: Aug 08 17:45:26 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	7.63	152	677	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	2972	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1680	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4015m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	3768m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	3684m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	889	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2644m	0.20	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.45	128	494	0.059	ng/ul#	73
5) 2-Methylnaphthalene	12.10	142	233	0.042	ng/ul	92
7) Acenaphthylene	14.00	152	1613	0.206	ng/ul#	83
8) Acenaphthene	14.34	153	835	0.130	ng/ul	95
9) Fluorene	15.33	166	1027	0.144	ng/ul#	95
12) Phenanthrene	17.07	178	22197m	1.900	ng/ul	99
13) Anthracene	17.17	178	4751m	0.477	ng/ul	99
15) Fluoranthene	19.10	202	56817m	3.631	ng/ul	99
17) Pyrene	19.46	202	54554	3.523	ng/ul	99
18) Benzo(a)anthracene	21.22	228	27933	2.073	ng/ul	99
19) Chrysene	21.27	228	32453	1.872	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	41264m	3.322	ng/ul	99
22) Benzo(k)fluoranthene	22.83	252	17130m	1.218	ng/ul	99
23) Benzo(a)pyrene	23.35	252	28732m	2.274	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.66	276	19787m	1.312	ng/ul	99
25) Dibenzo(a,h)anthracene	25.67	278	5003m	0.410	ng/ul	99
26) Benzo(a,h,i)perylene	26.35	276	19672m	1.449	ng/ul	99

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