

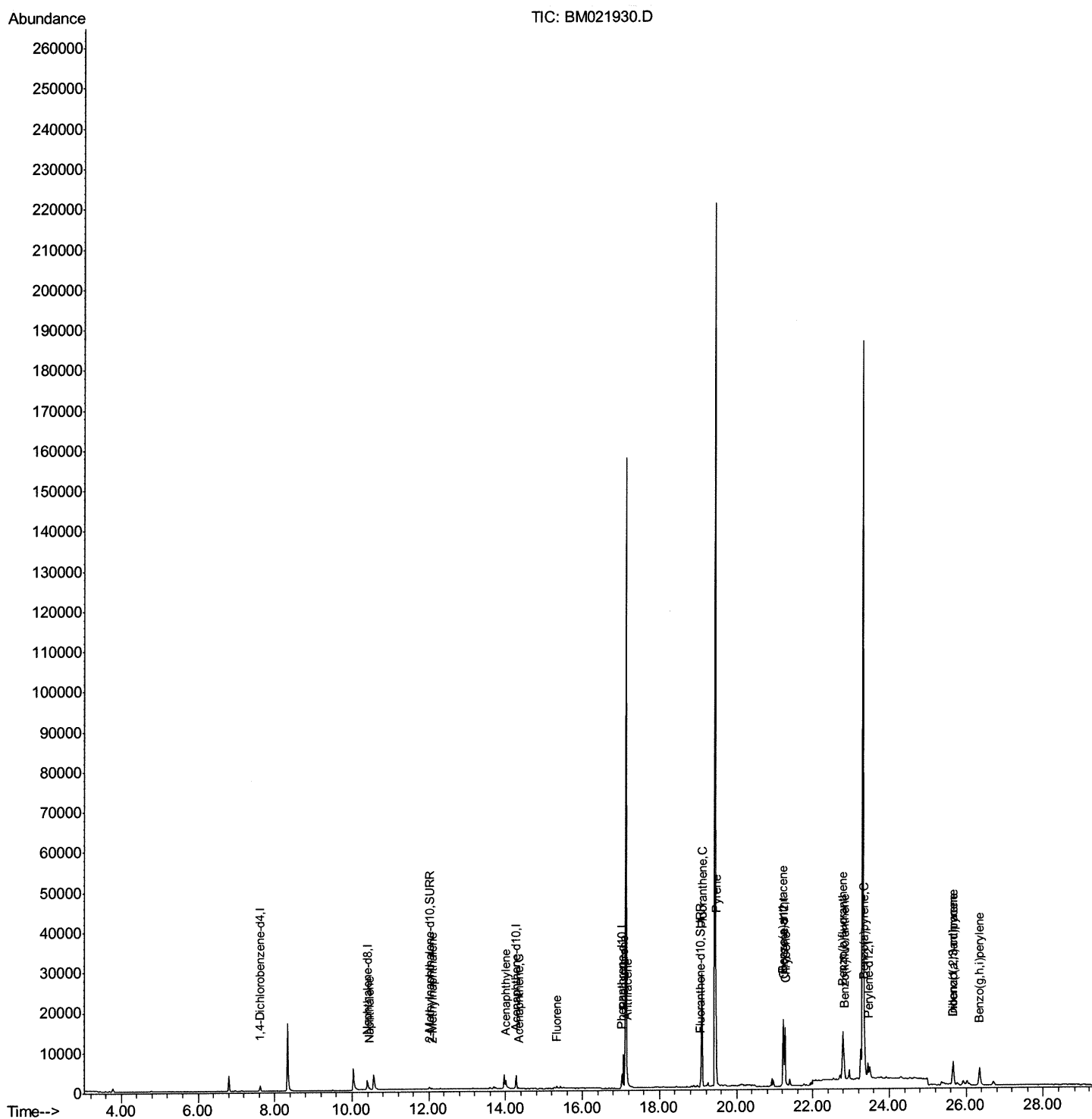
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021930.D
Acq On : 08 Aug 2019 13:07
Operator : HP/JU
Sample : K4028-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:21:01 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)

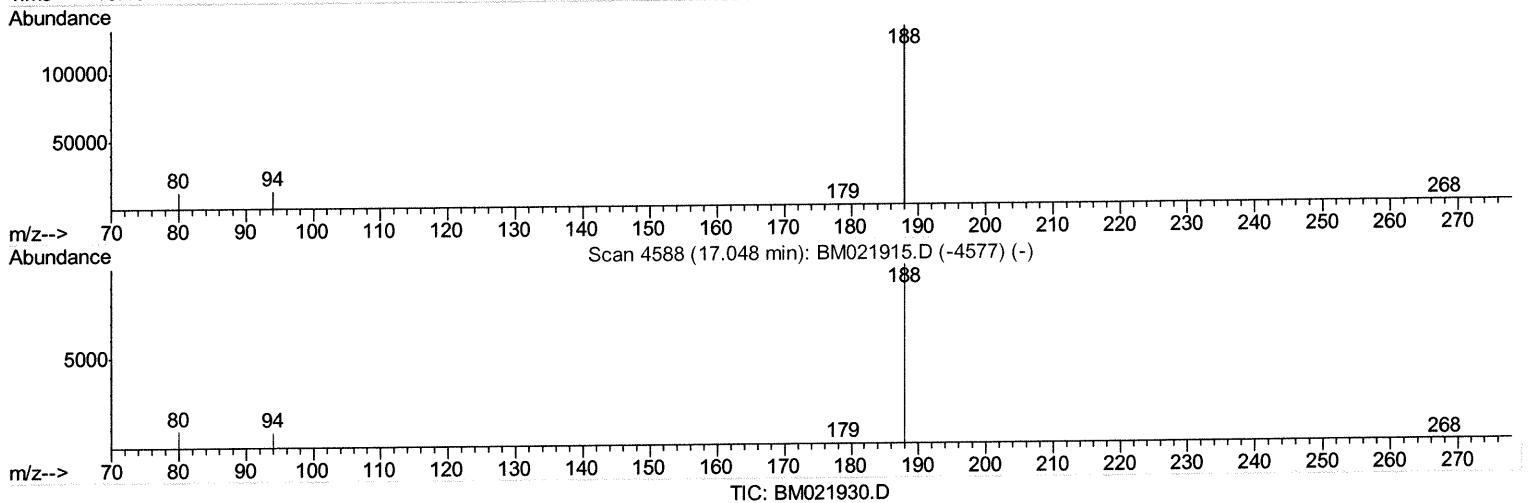
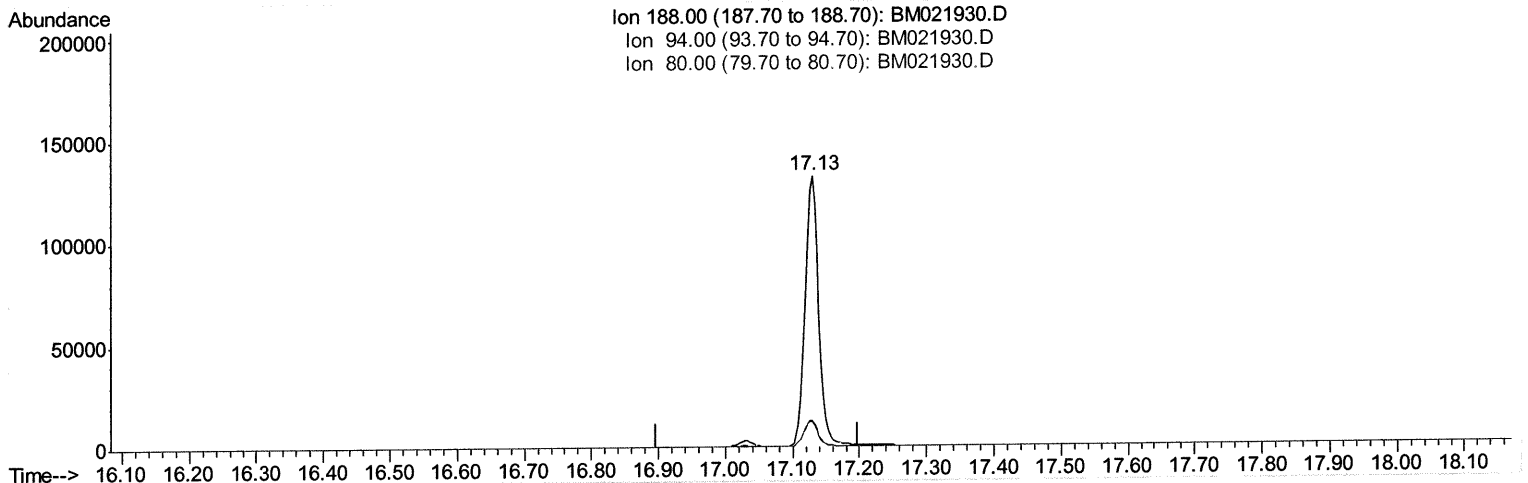
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:05 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



(10) Phenanthrene-d10 (I)

17.129min (+0.082) 0.40ng/ul

response 184775

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.71
80.00	11.40	9.15
0.00	0.00	0.00

Quantitation Report (Qedit)

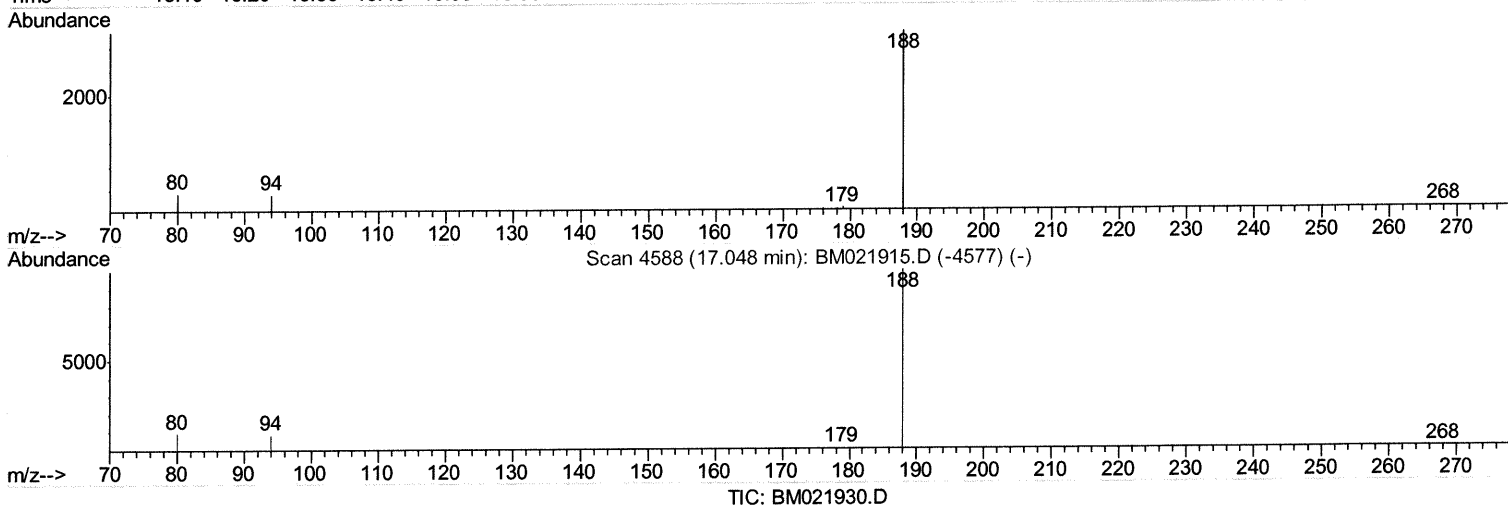
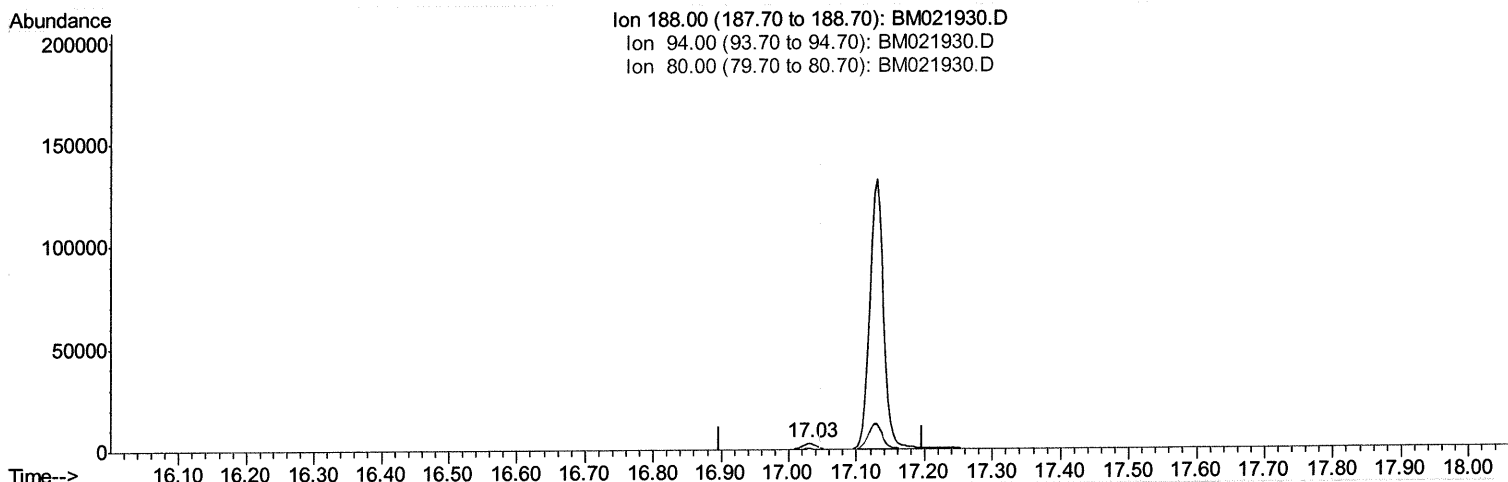
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:05 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



(10) Phenanthrene-d10 (I)

17.032min (-0.016) 0.40ng/ul m

response 4467

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.53
80.00	11.40	11.15
0.00	0.00	0.00

Quantitation Report (Qedit)

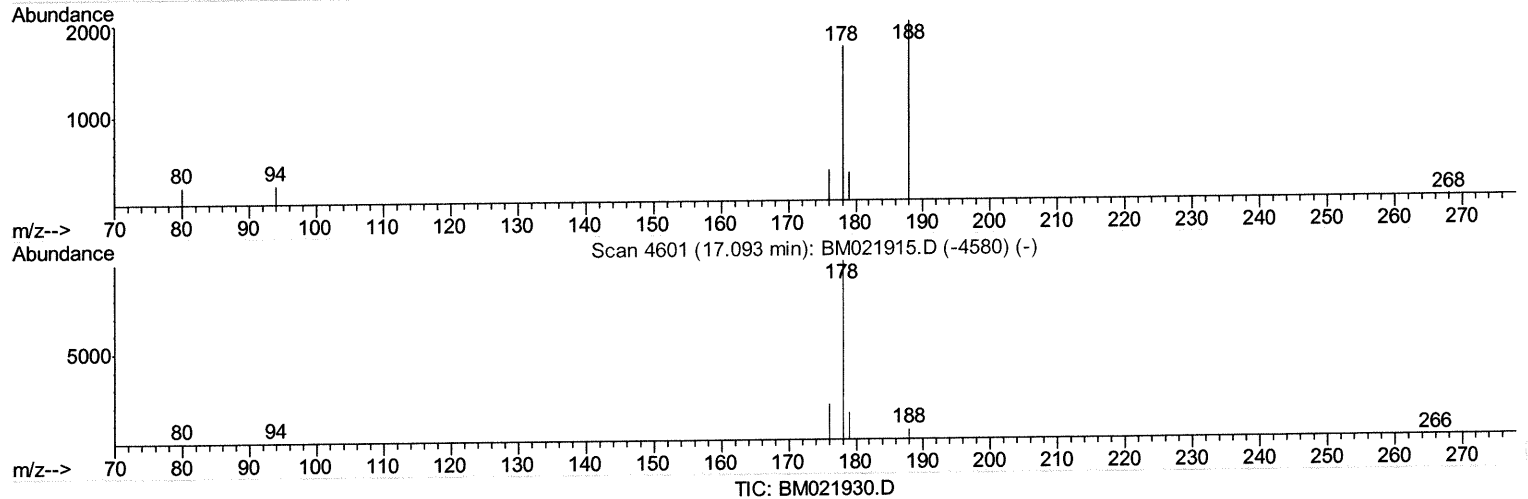
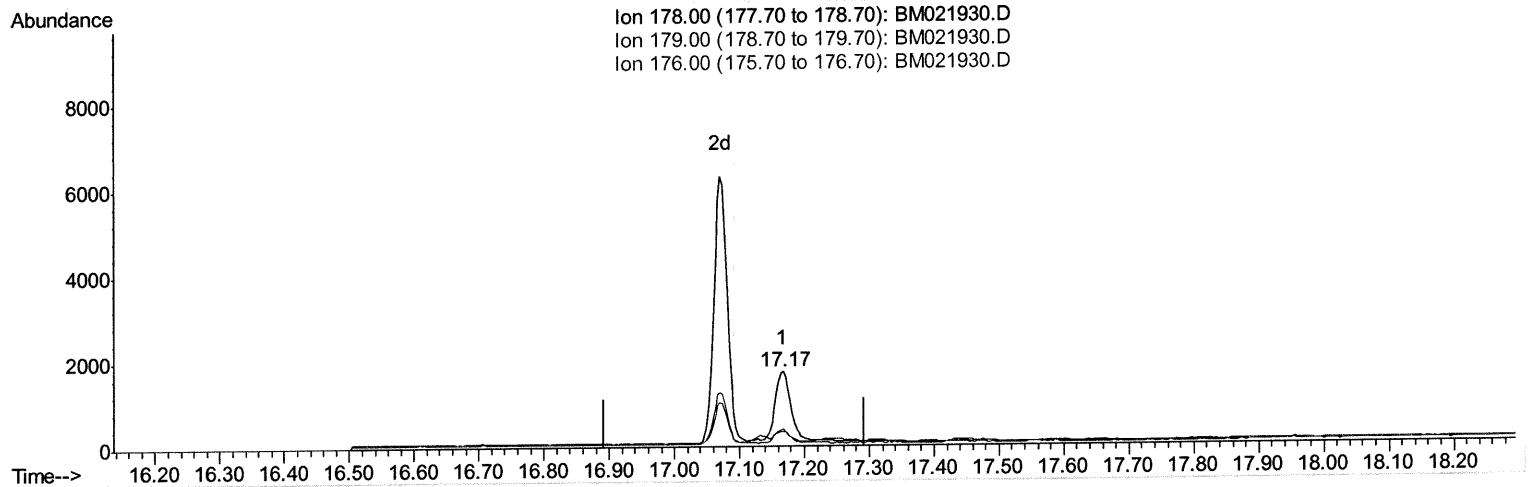
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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

17.167min (+0.075) 0.22ng/ul

response 2875

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	20.26
176.00	21.00	22.39
0.00	0.00	0.00

Quantitation Report (Qedit)

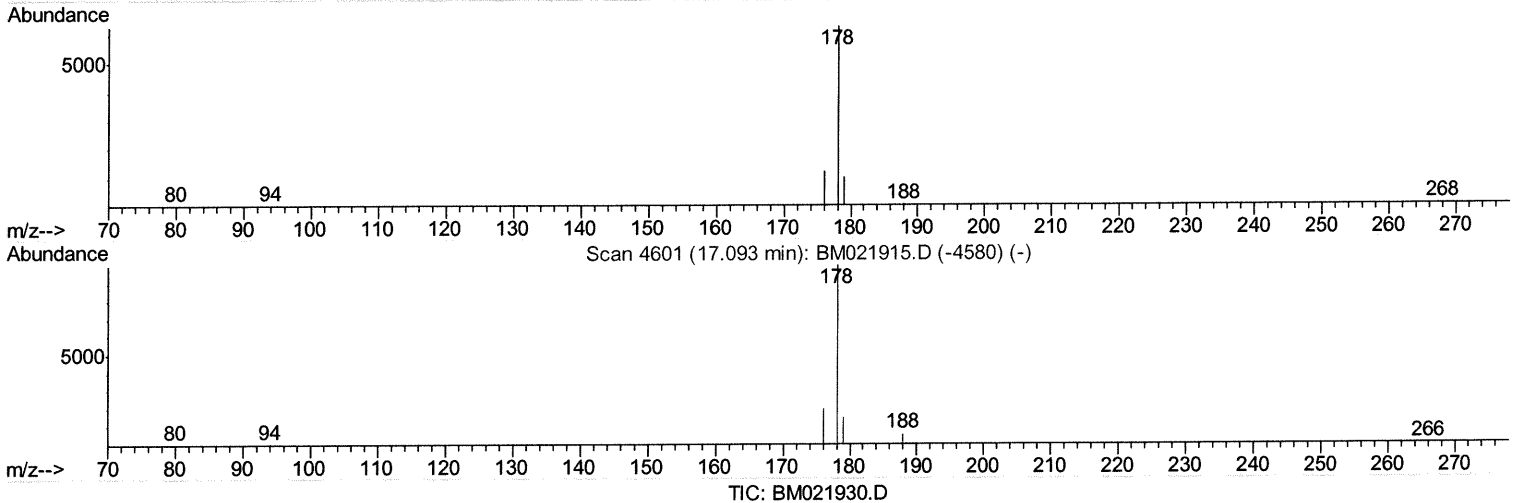
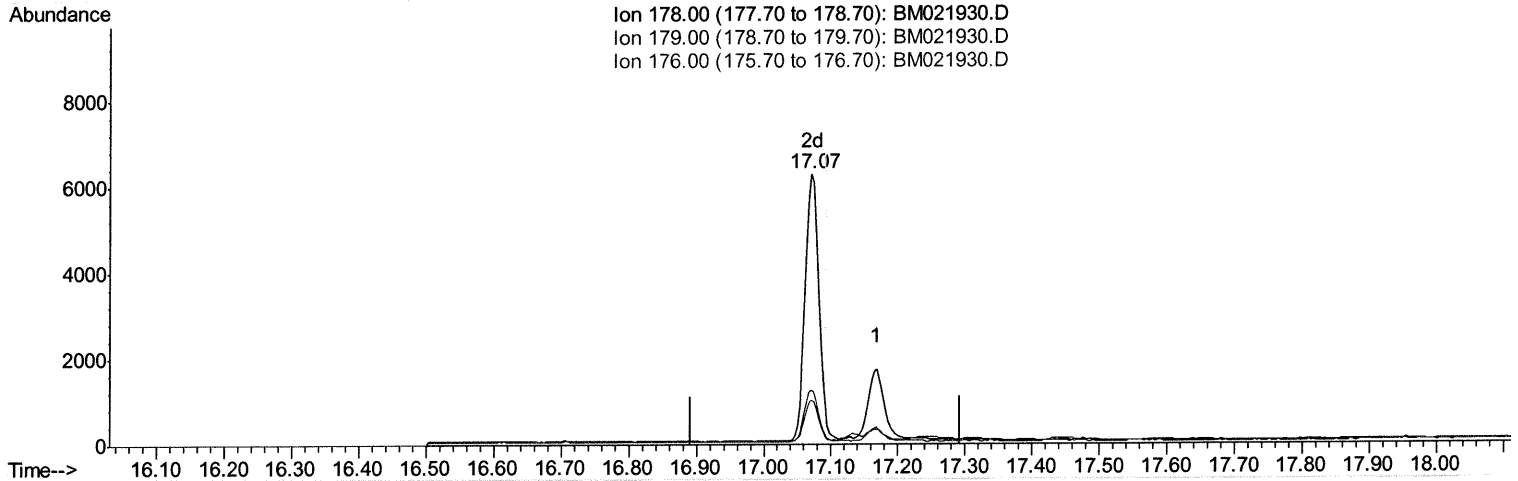
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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) 0.68ng/ul m

JU
 08/09/19

response 8800

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.52
176.00	21.00	19.94
0.00	0.00	0.00

Quantitation Report (Qedit)

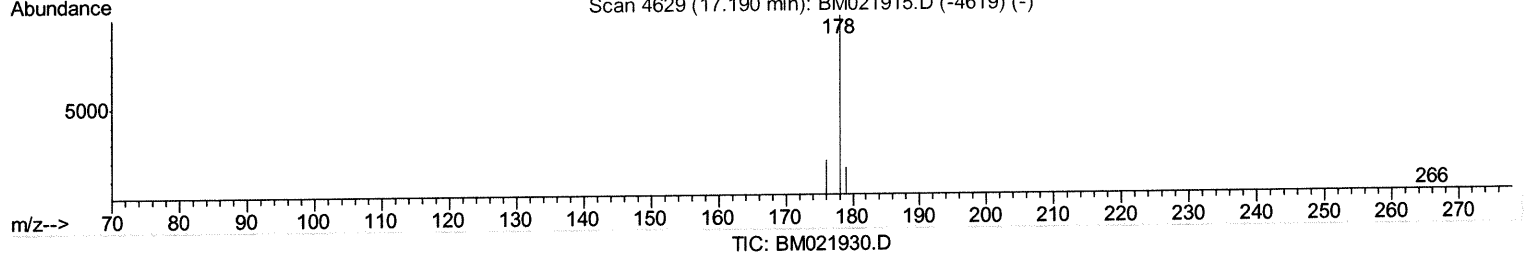
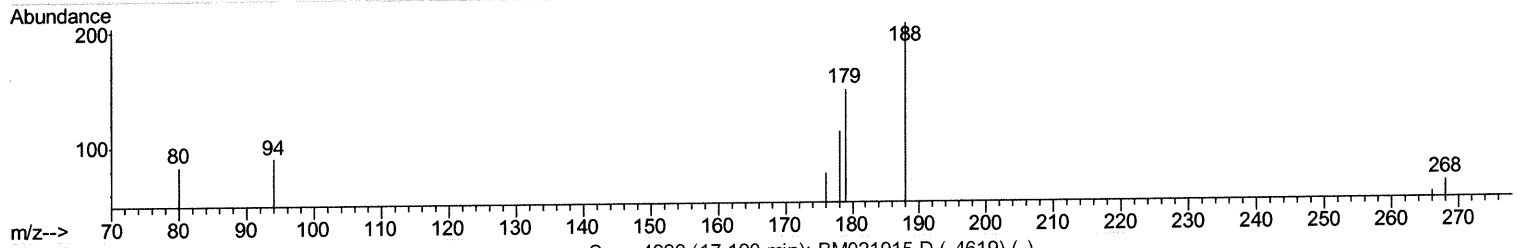
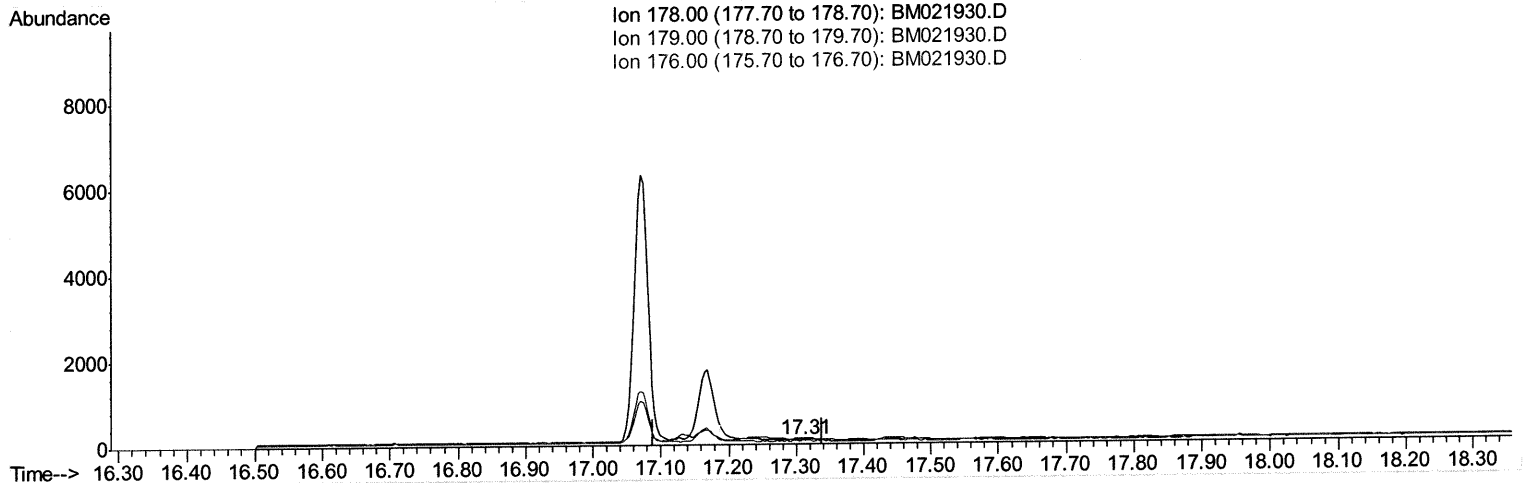
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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



TIC: BM021930.D

(13) Anthracene

17.310min (+0.120) 0.01ng/ul

response 73

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	132.43#
176.00	20.80	67.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

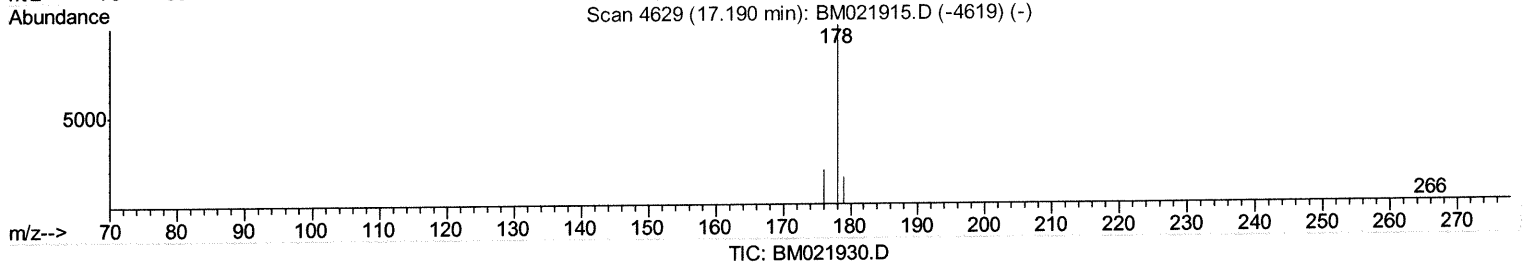
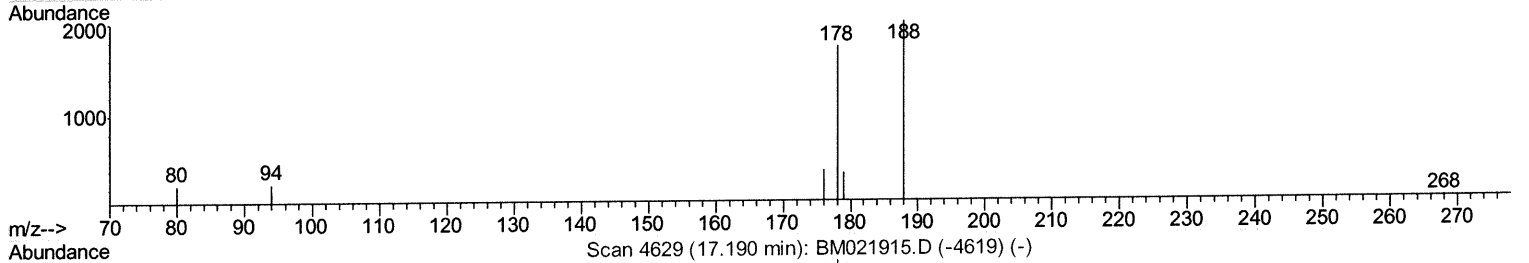
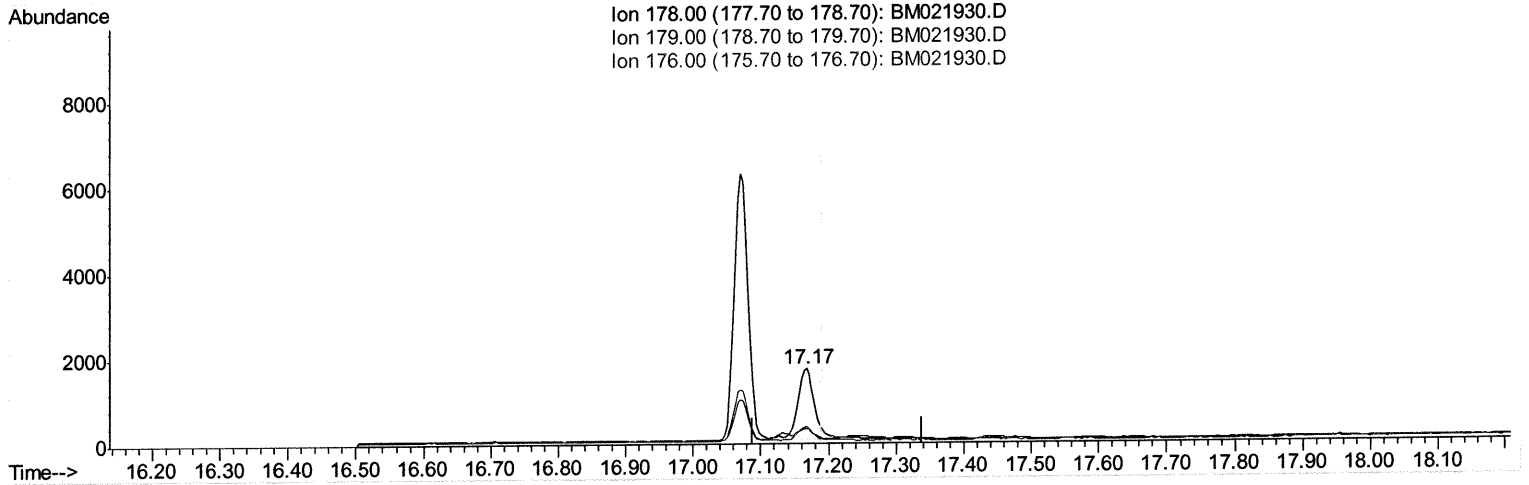
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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

17.167min (-0.023) 0.25ng/ul m

response 2812

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	20.26
176.00	20.80	22.39
0.00	0.00	0.00

Quantitation Report (Qedit)

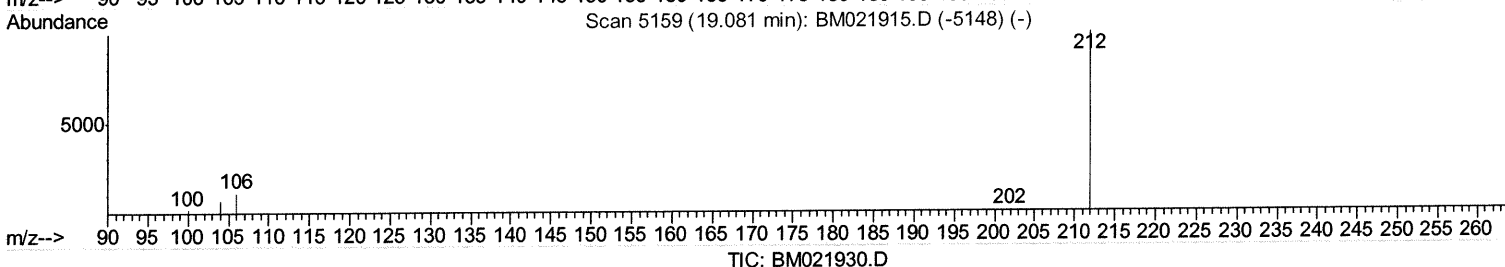
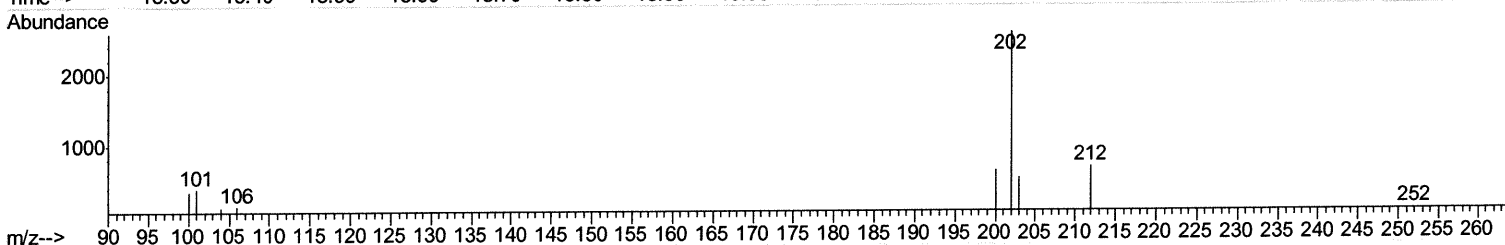
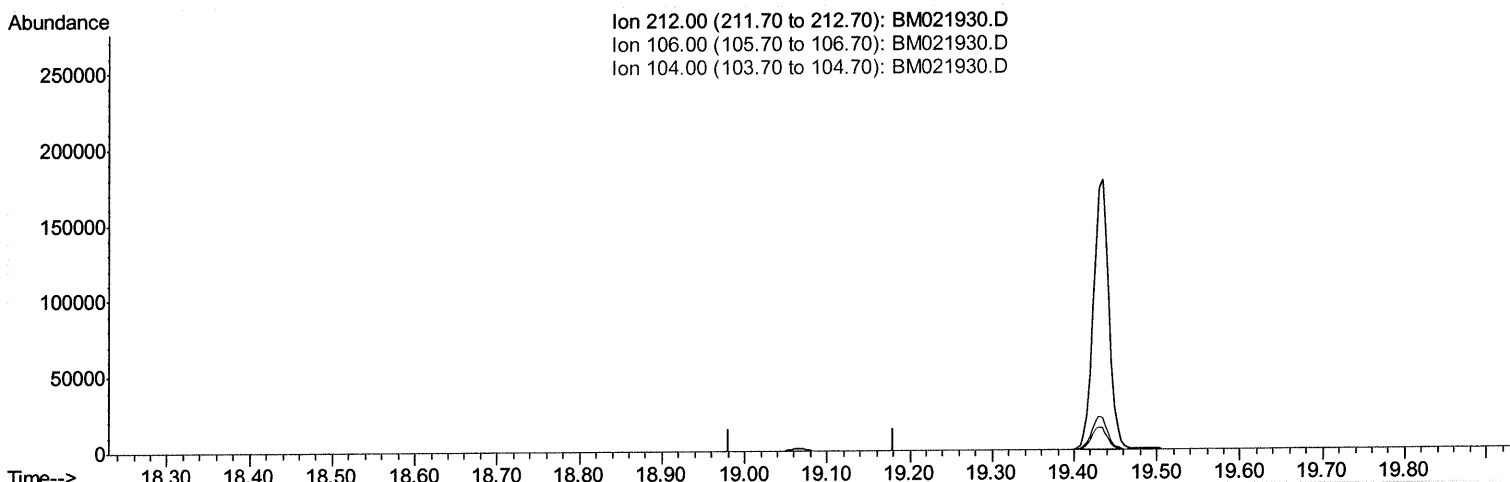
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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)

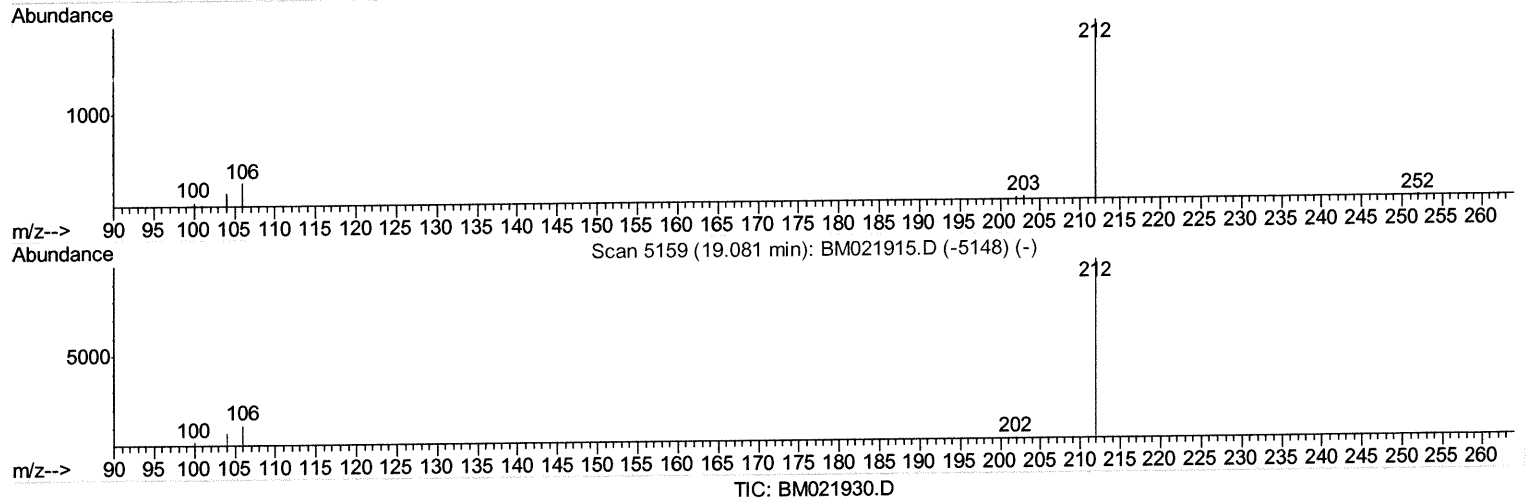
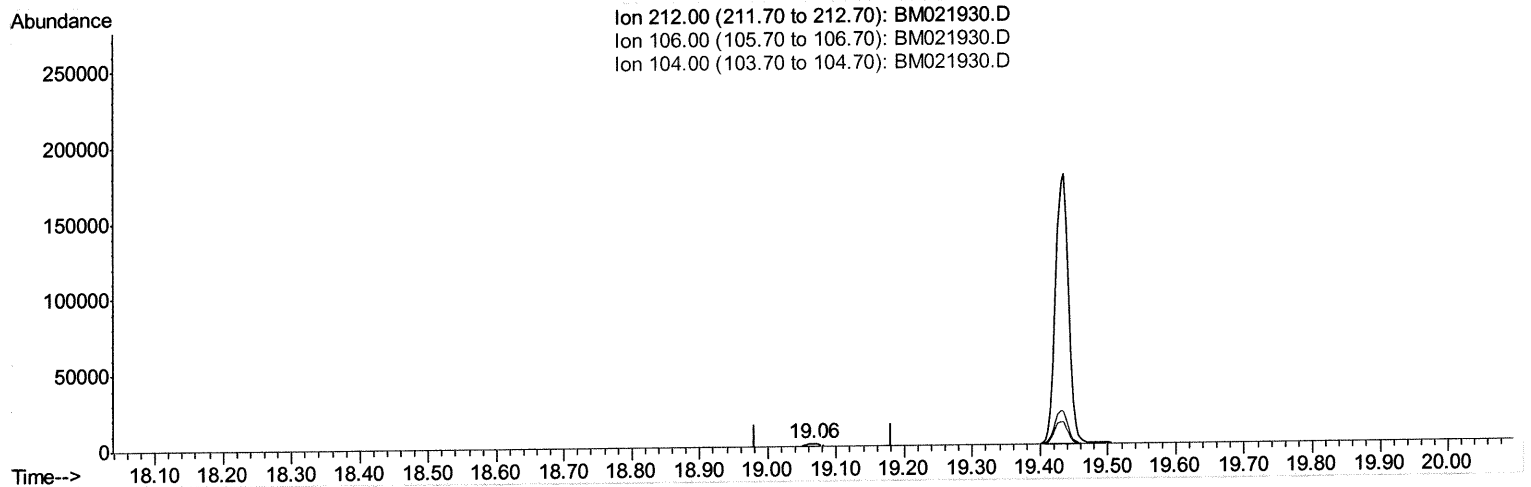
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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



TIC: BM021930.D

(14) Fluoranthene-d10 (SURR)

19.064min (-0.017) 0.18ng/ul m *50 08/09/19*

response 2735

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)

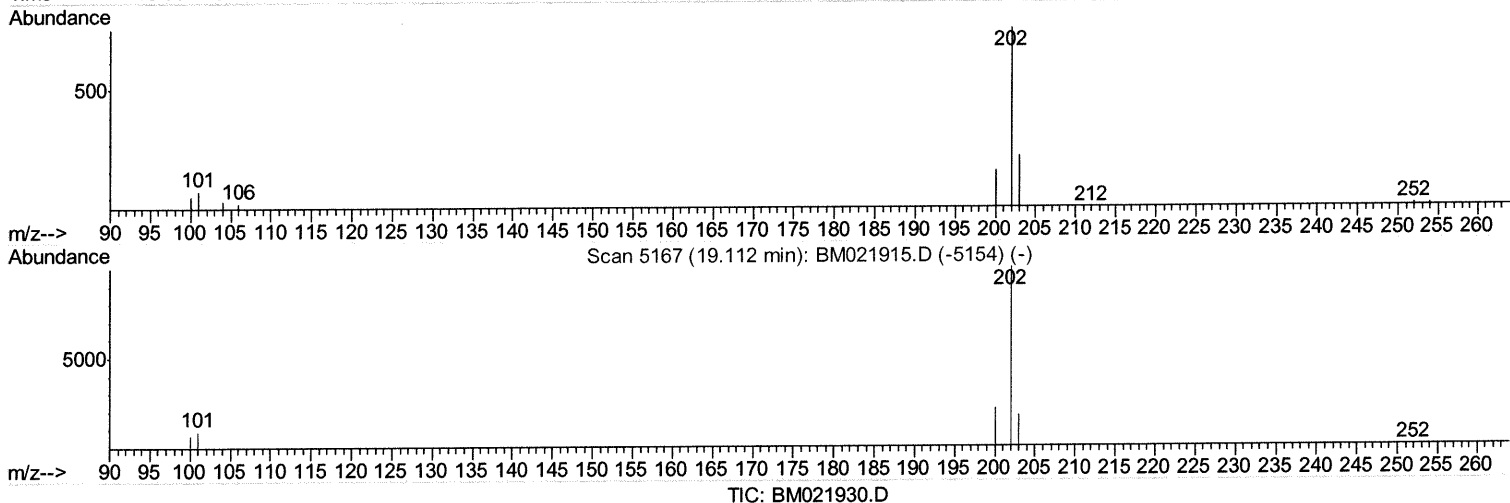
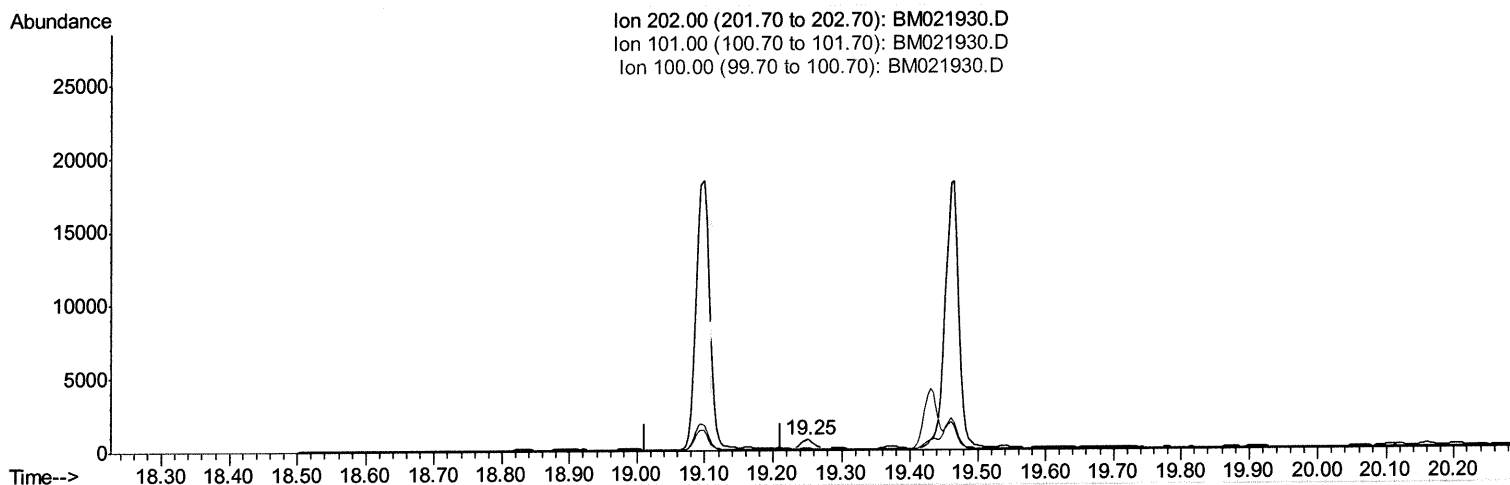
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021930.D
Acq On : 08 Aug 2019 13:07
Operator : HP/JU
Sample : K4028-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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) 0.05ng/ul

response 819

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	17.84
100.00	8.10	15.08
0.00	0.00	0.00

Quantitation Report (Qedit)

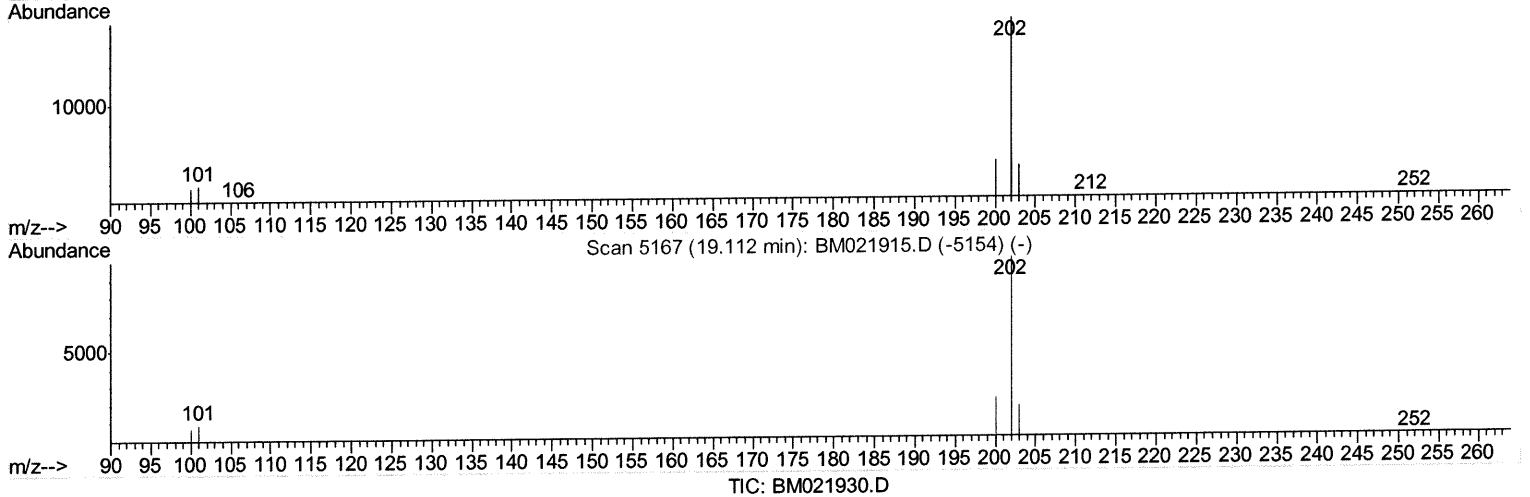
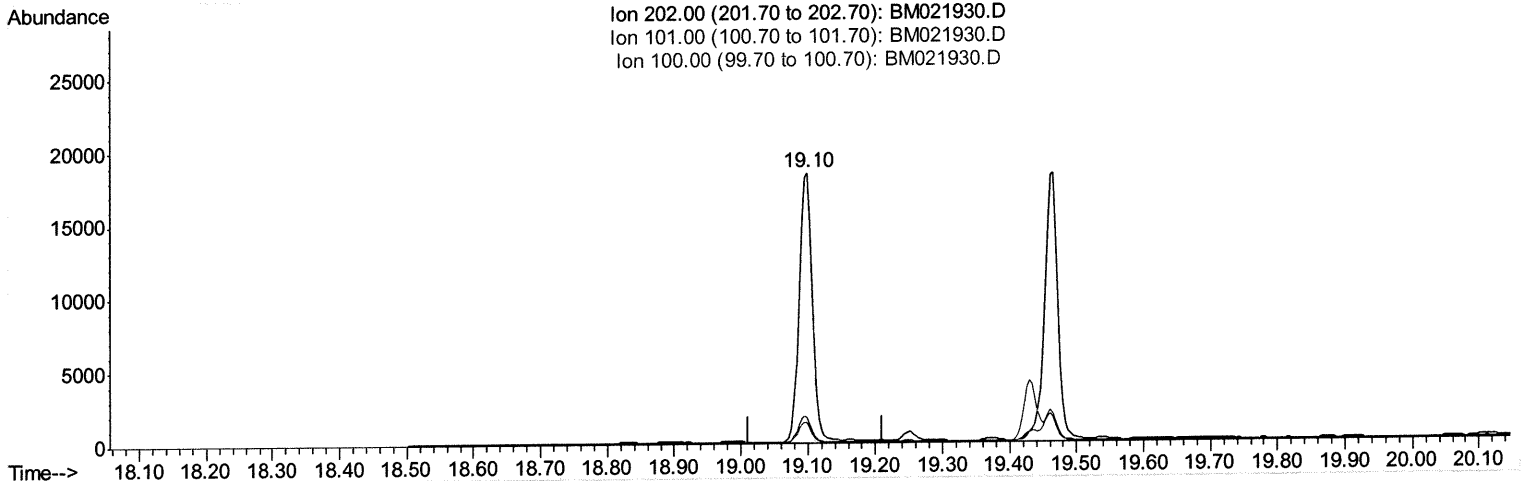
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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)

19.098min (-0.013) 1.45ng/ul m

response 25218

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.48
100.00	8.10	7.57
0.00	0.00	0.00

Quantitation Report (Qedit)

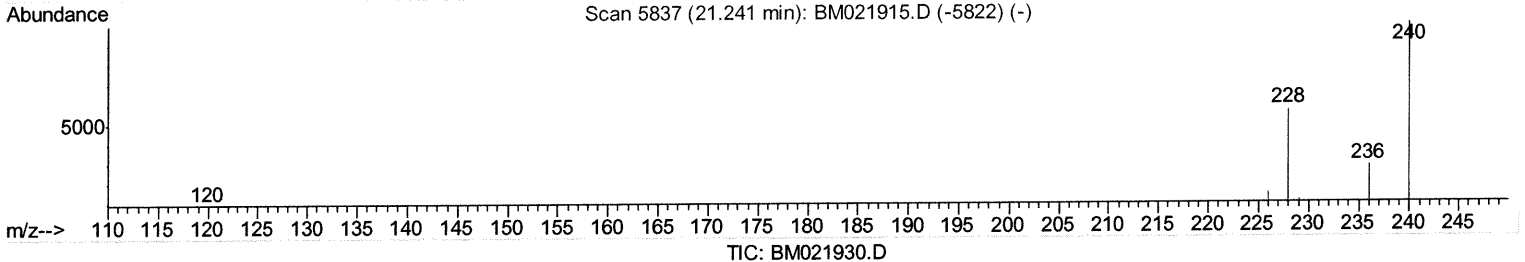
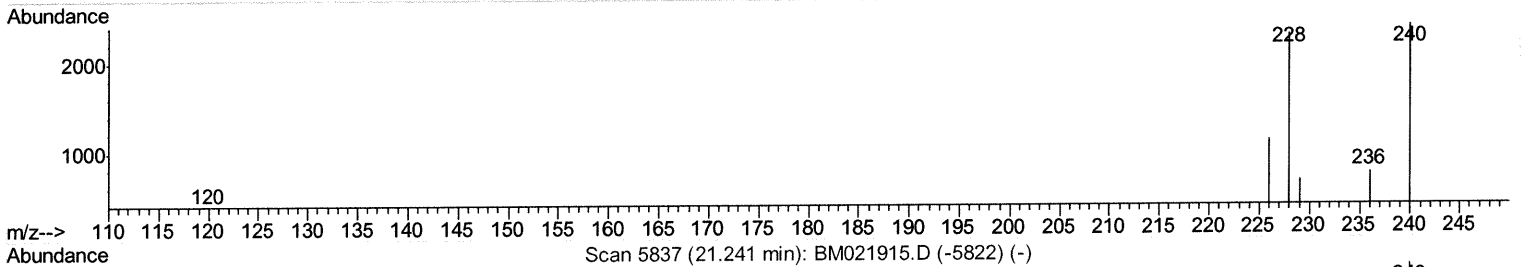
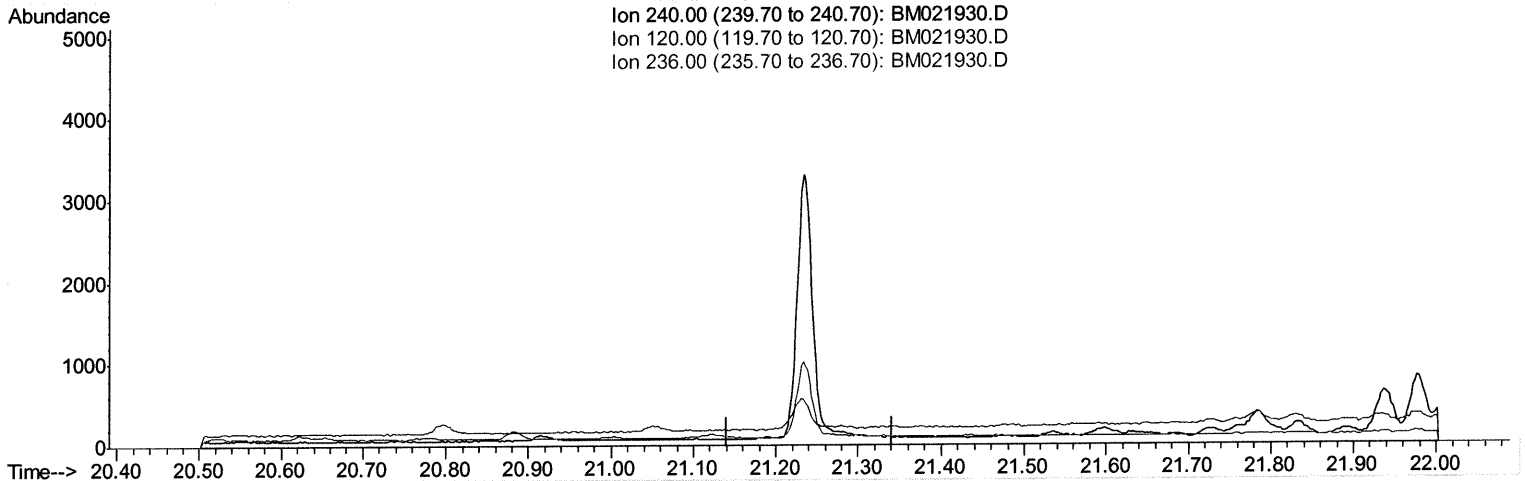
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
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 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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 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)

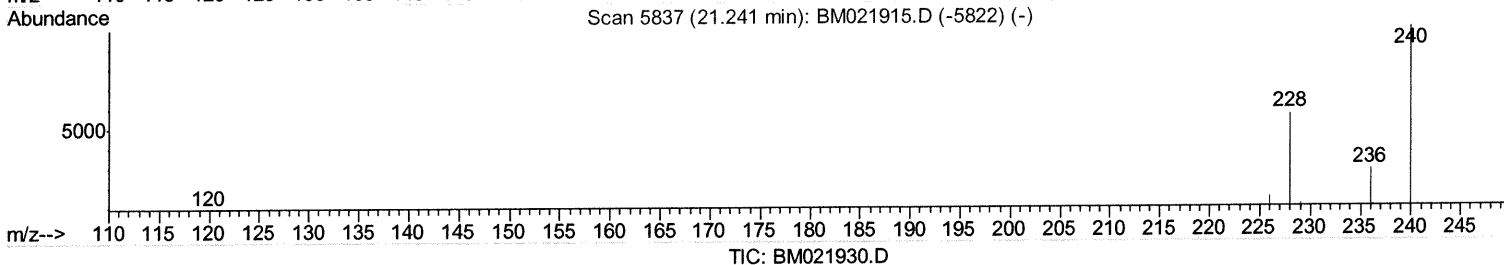
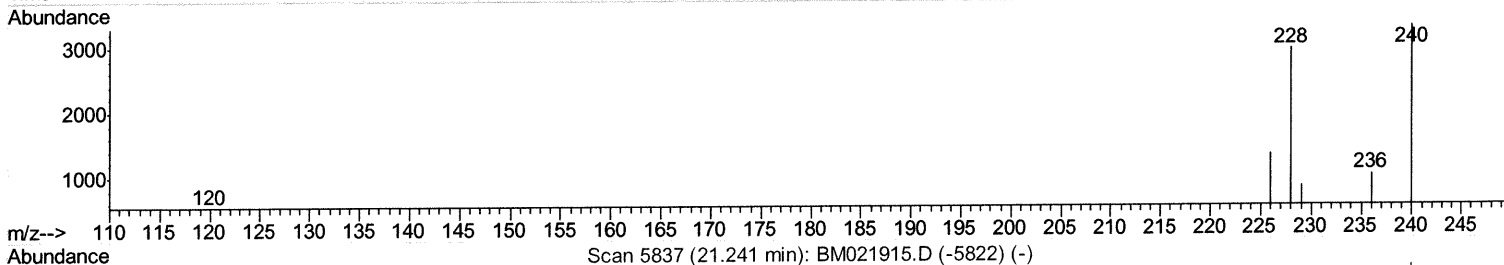
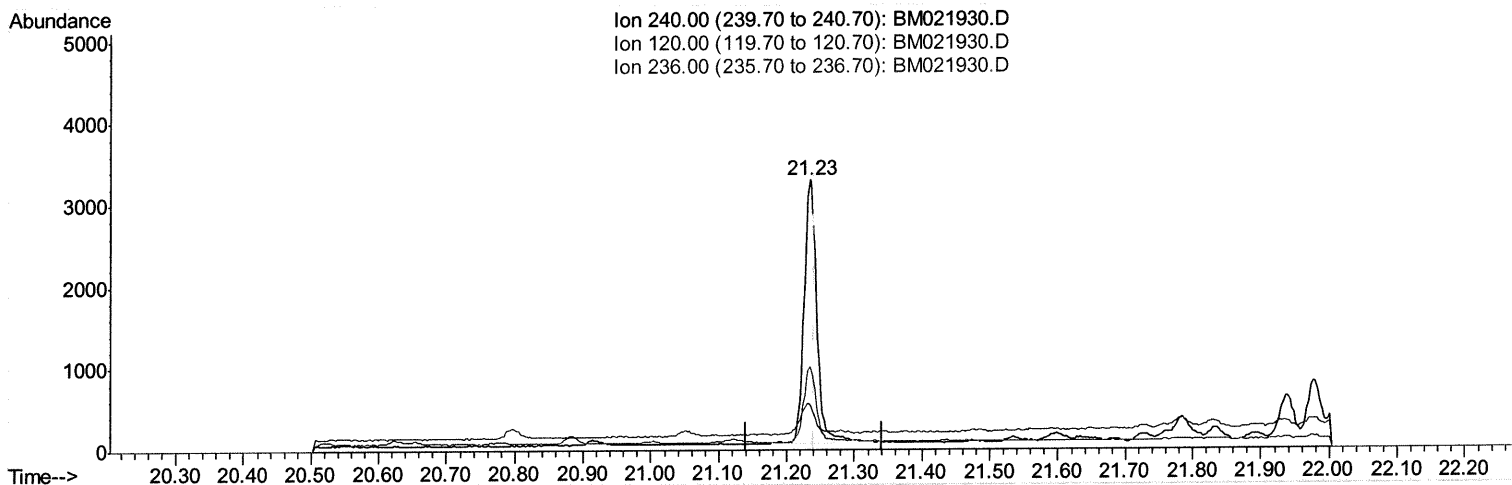
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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 *JU 08/09/19*

response 4130

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.74
236.00	32.30	30.84
0.00	0.00	0.00

Quantitation Report (Qedit)

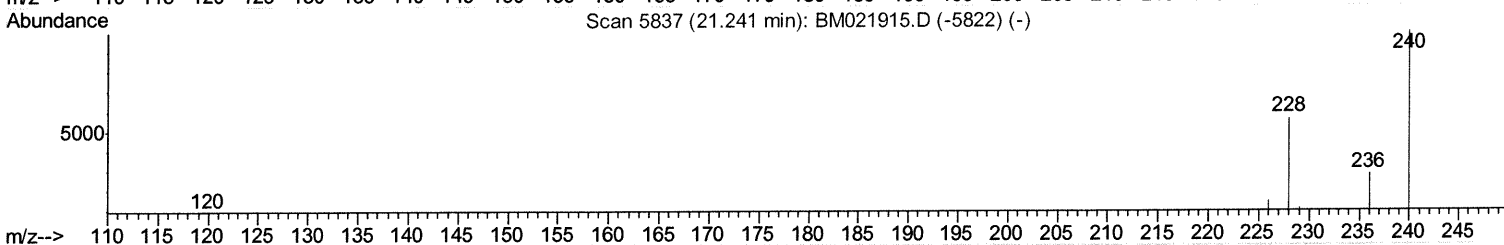
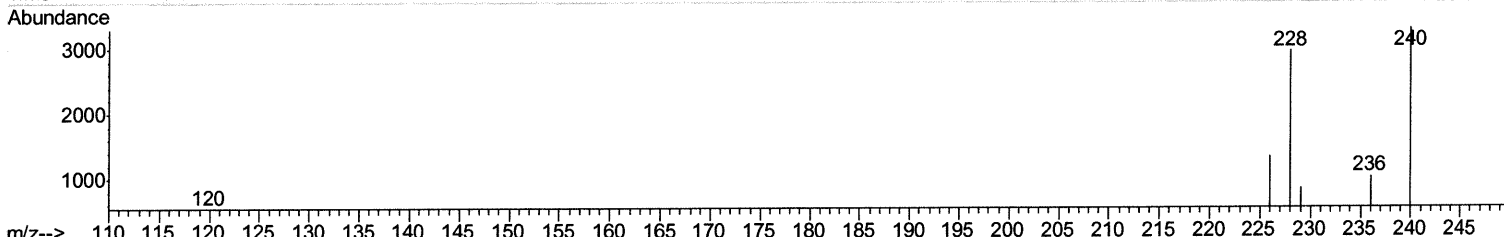
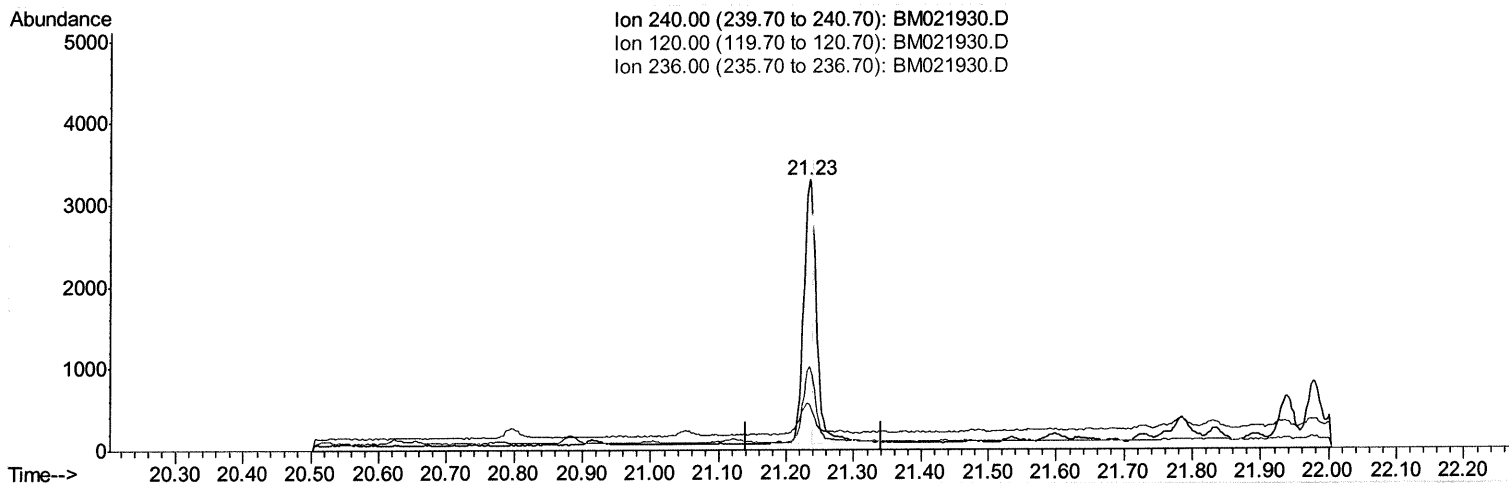
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:15:35 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



TIC: BM021930.D

(16) Chrysene-d12 (I)

21.234min (-0.008) 0.40ng/ul m

50/09/19

response 4130

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.74
236.00	32.30	30.84
0.00	0.00	0.00

Quantitation Report (Qedit)

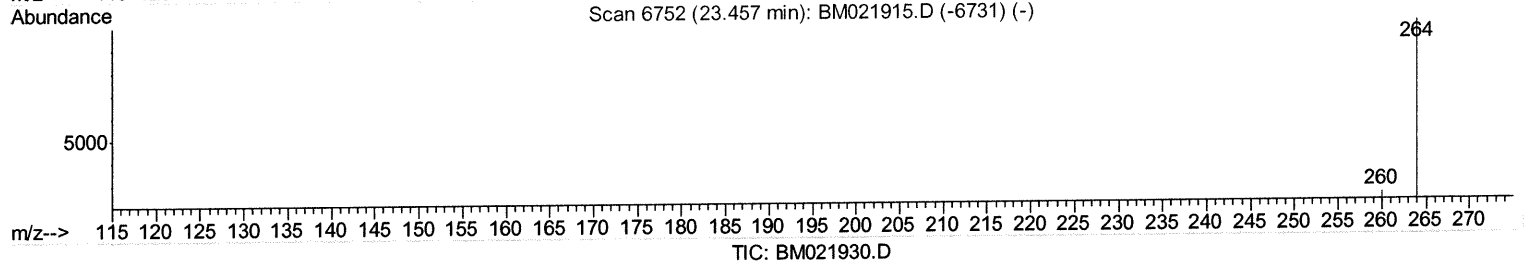
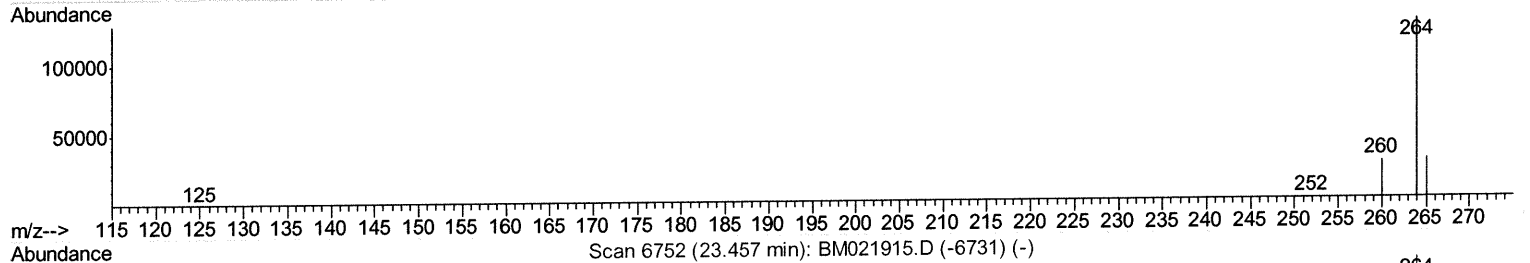
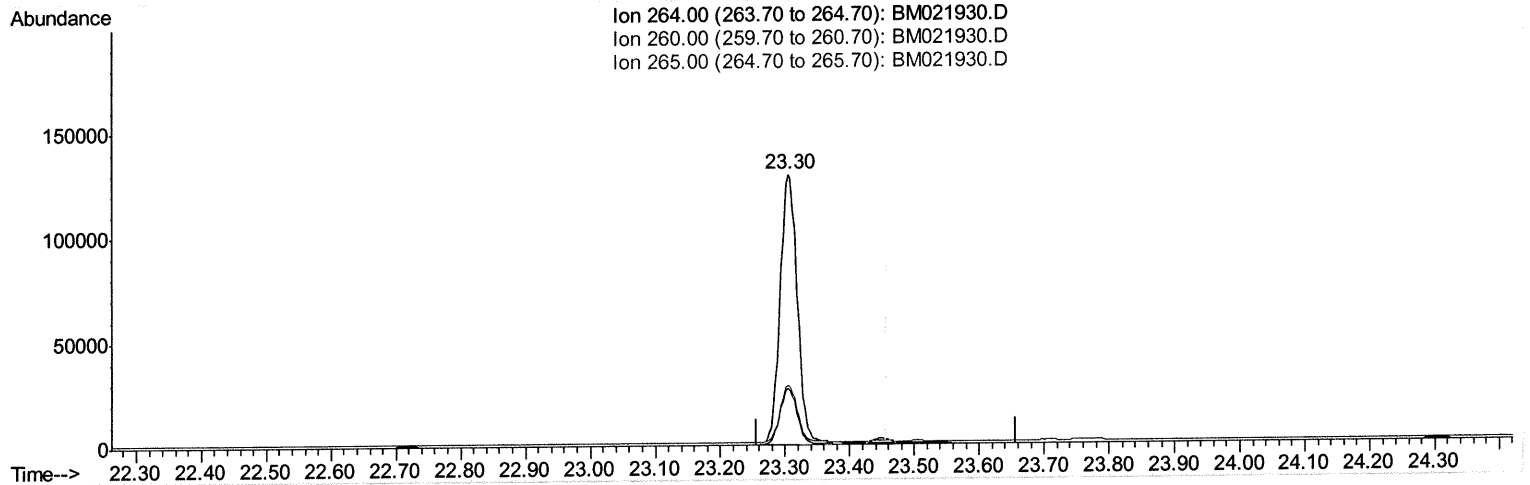
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:17:24 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 238347

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.95#
265.00	117.00	22.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

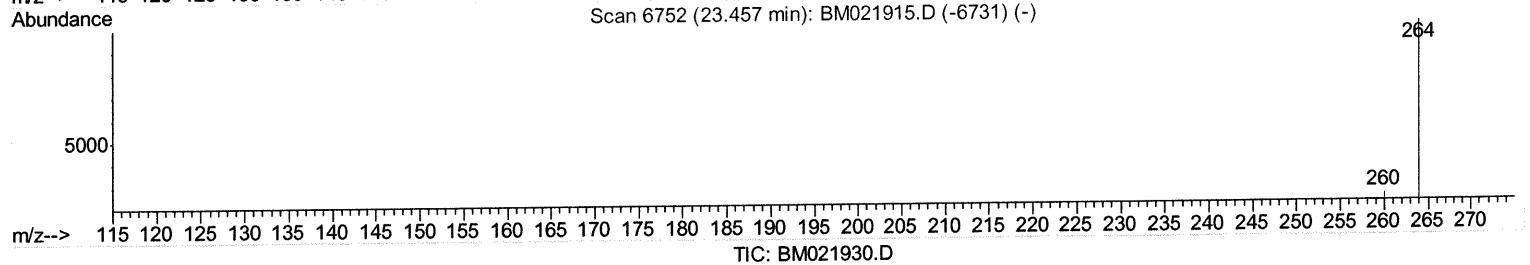
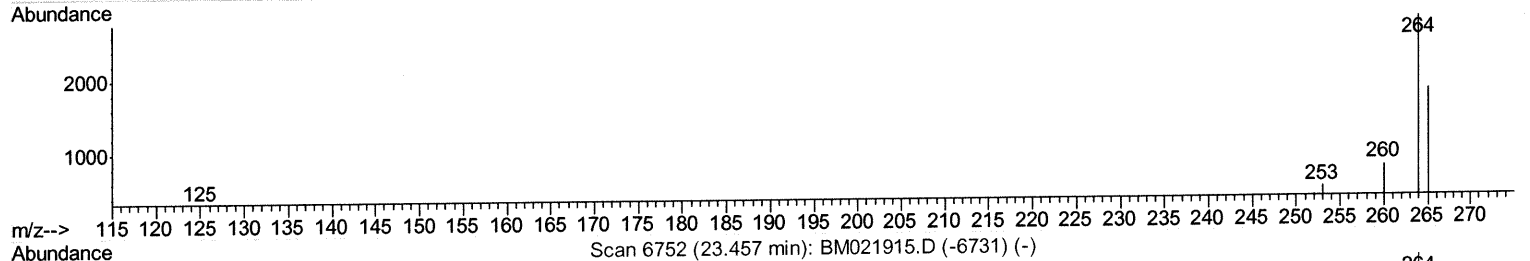
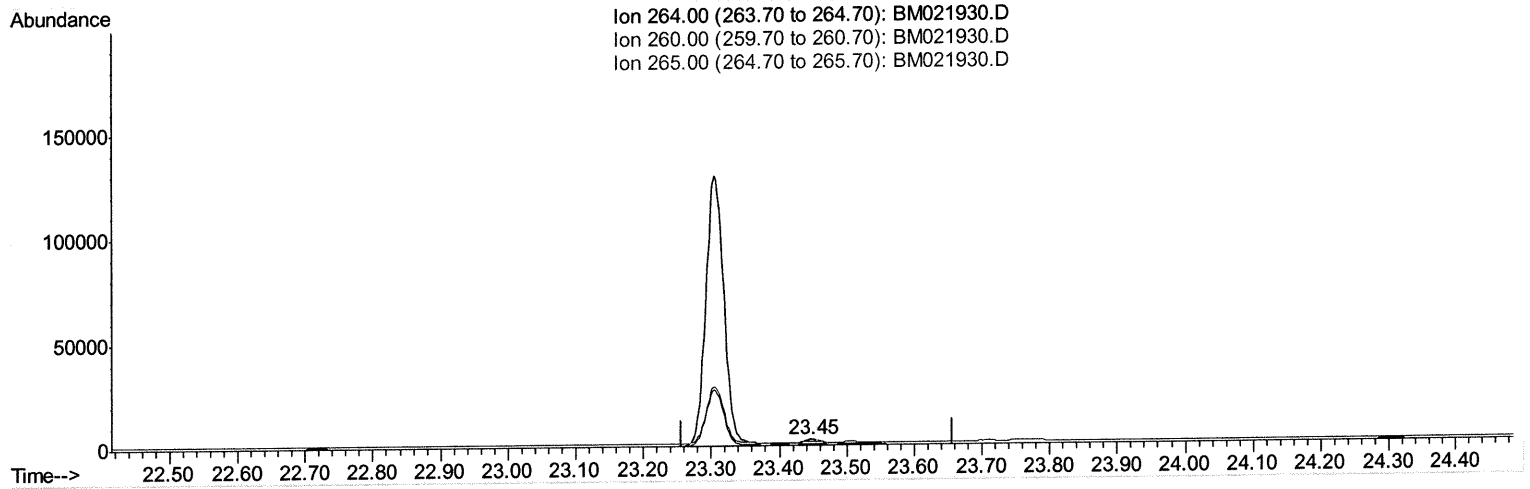
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:17:24 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

response 3921

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.99
265.00	117.00	64.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

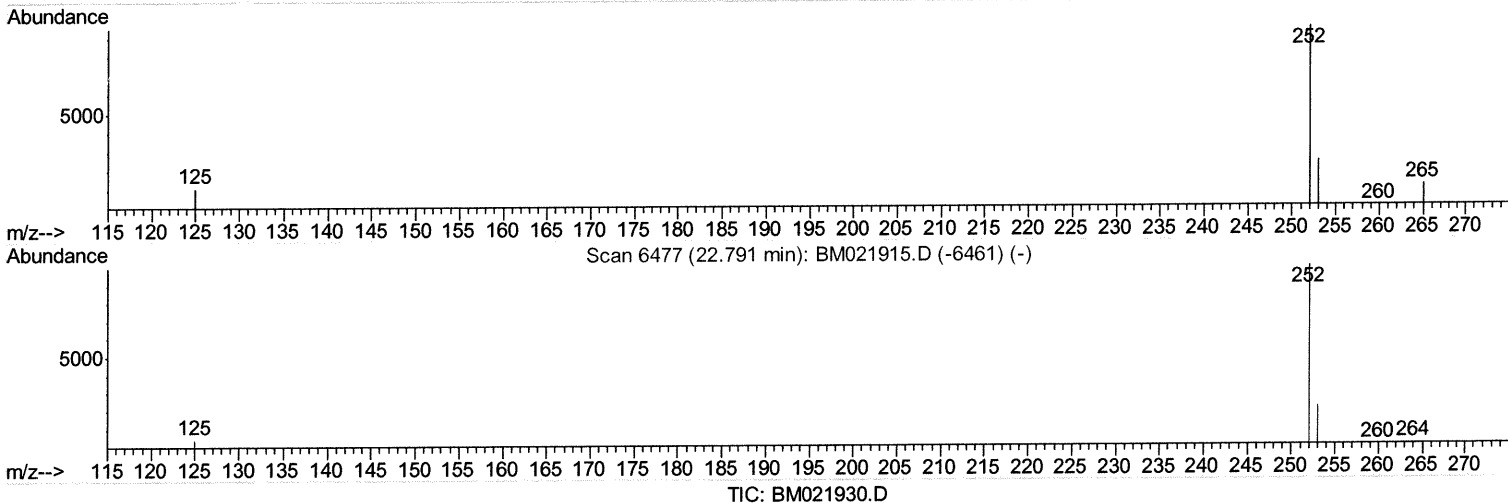
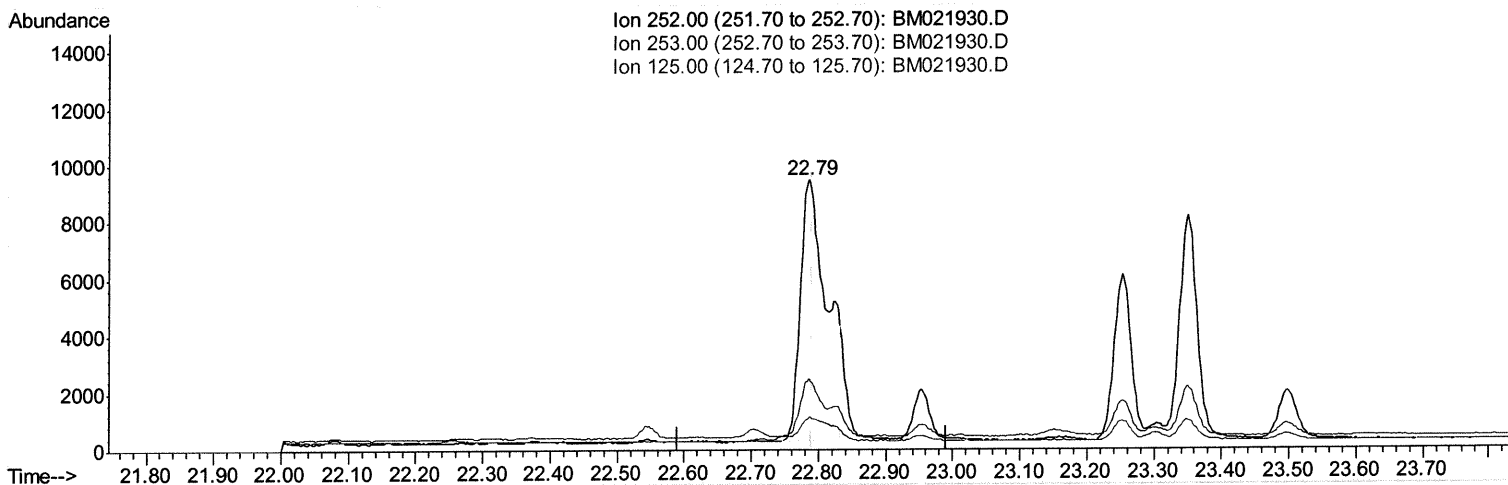
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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) 1.86ng/ul

response 24622

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.25
125.00	15.50	11.74
0.00	0.00	0.00

Quantitation Report (Qedit)

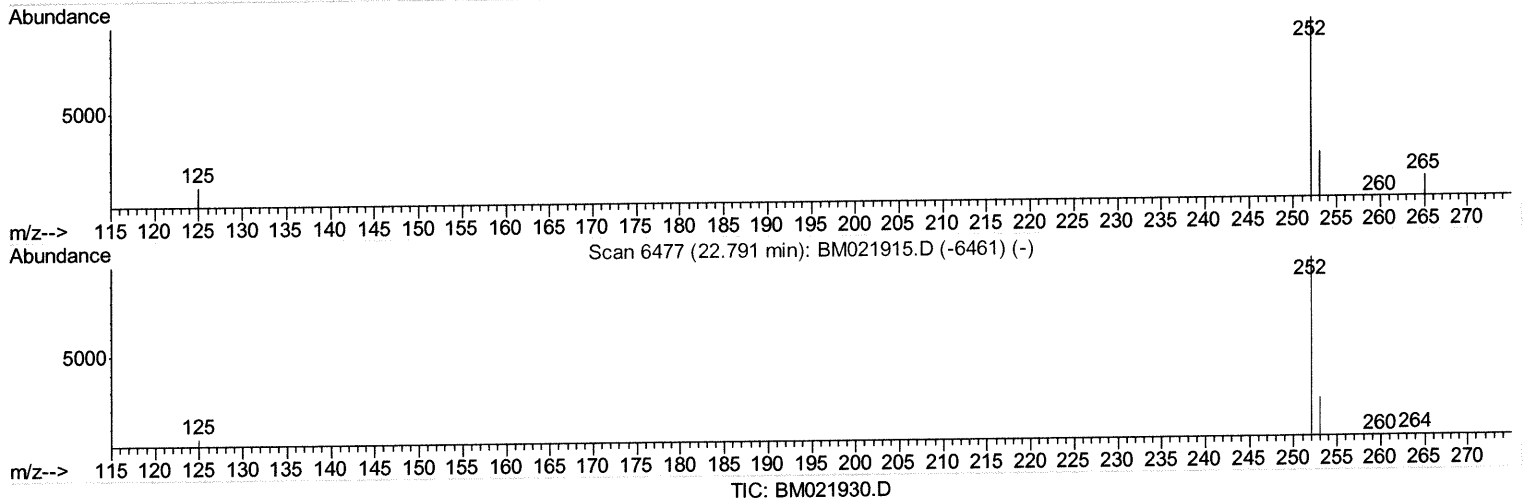
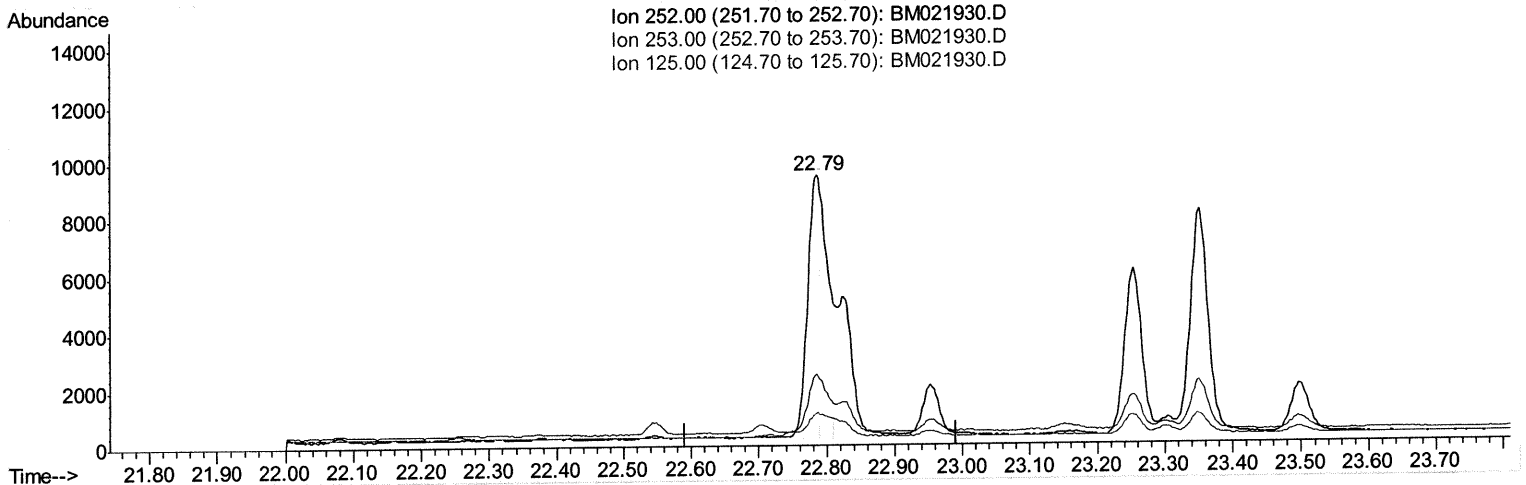
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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) 1.43ng/ul m

508/09/19

response 18946

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.25
125.00	15.50	11.74
0.00	0.00	0.00

Quantitation Report (Qedit)

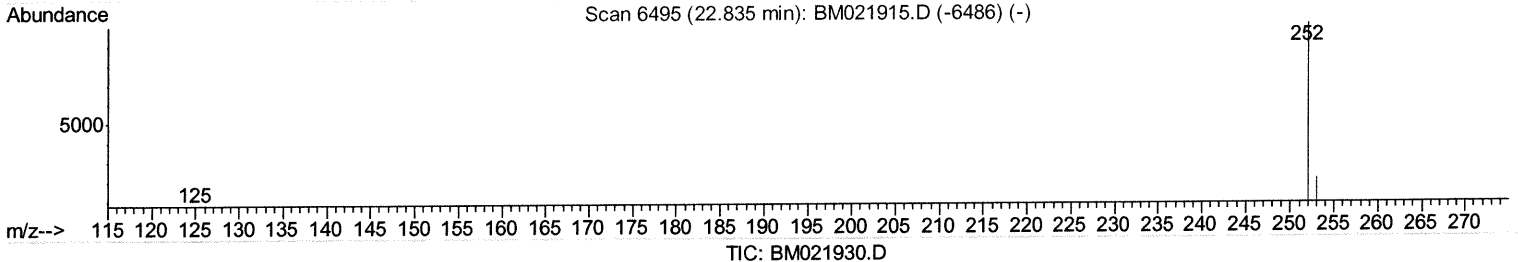
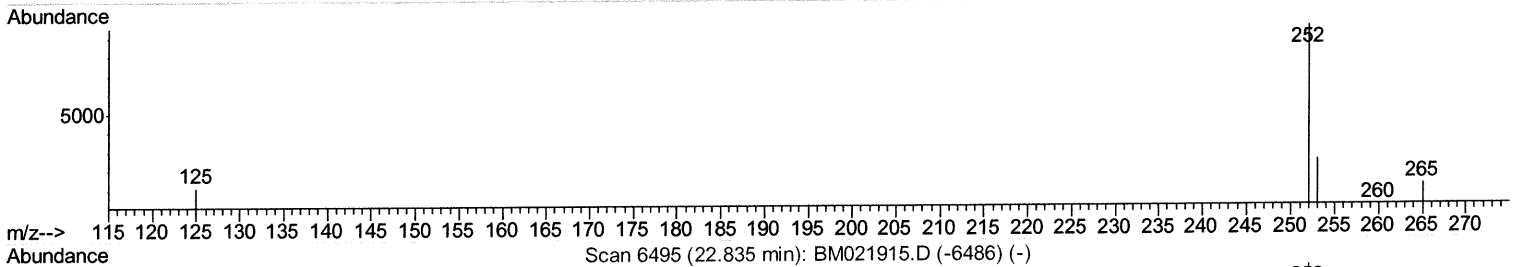
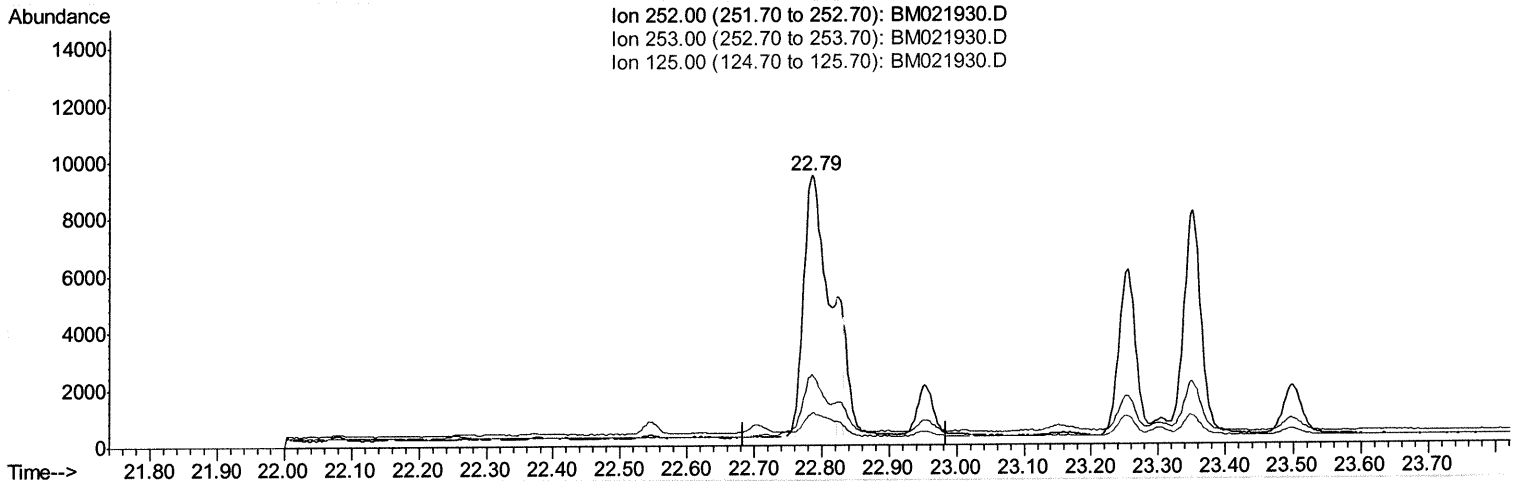
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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) 1.47ng/ul

response 21953

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.25#
125.00	15.20	11.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

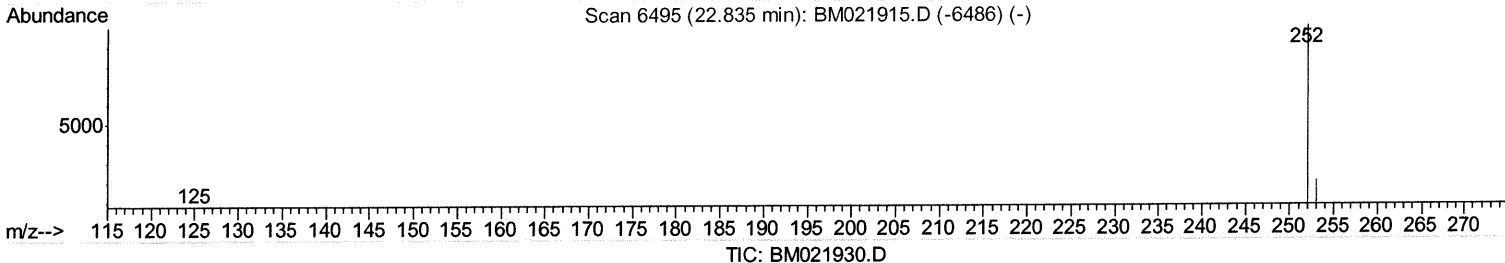
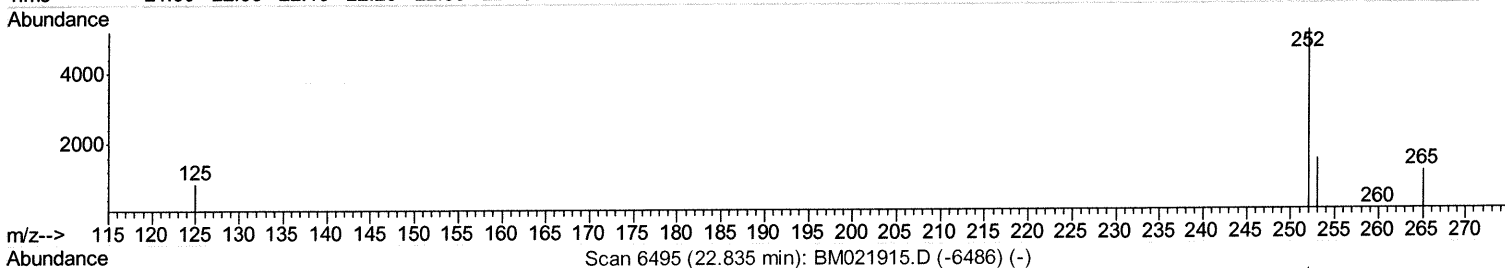
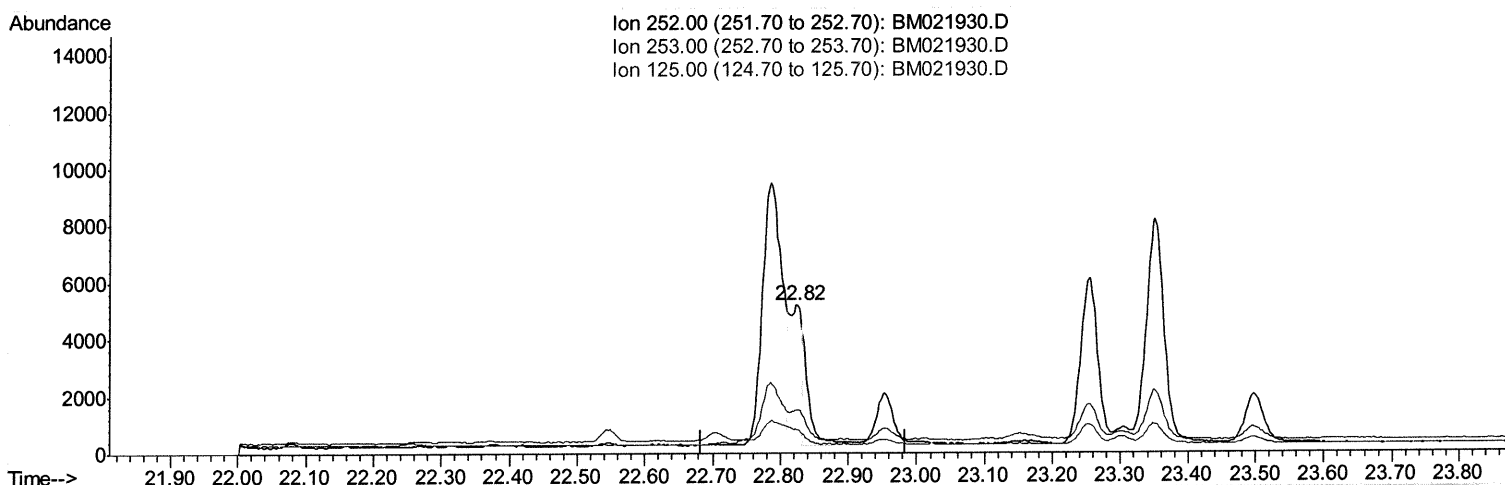
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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

22.824min (-0.010) 0.56ng/ul m

response 8429

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.38
125.00	15.20	16.14
0.00	0.00	0.00

Quantitation Report (Qedit)

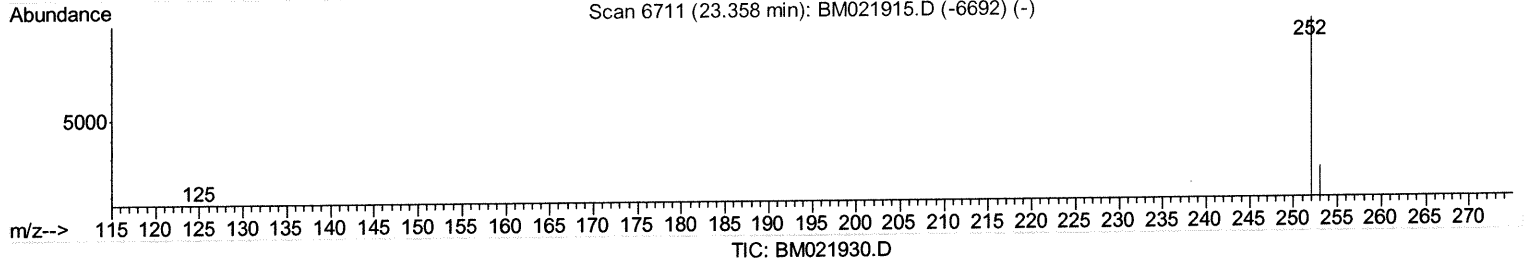
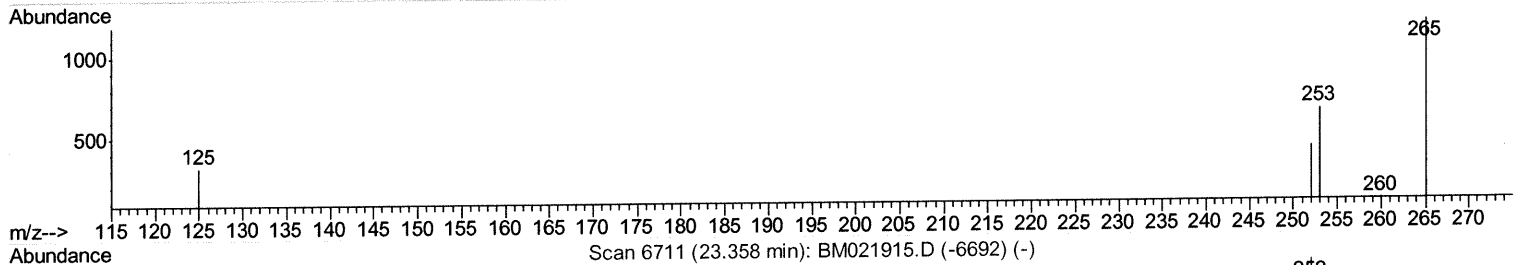
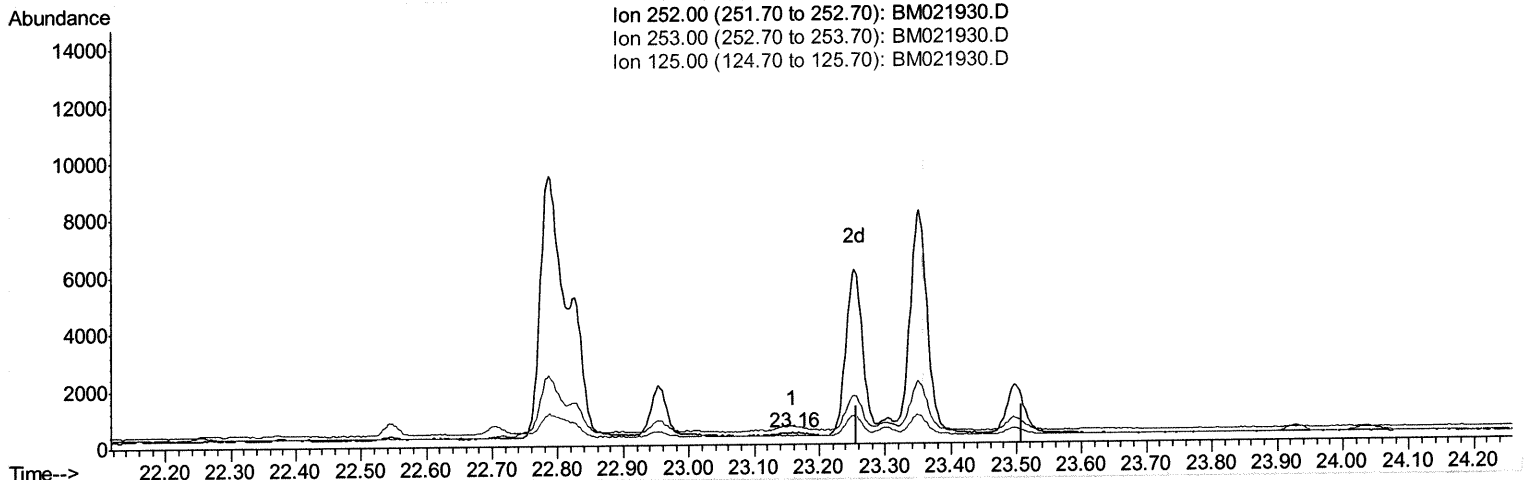
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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)

23.159min (-0.199) 0.02ng/ul

response 319

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	155.53#
125.00	18.20	76.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

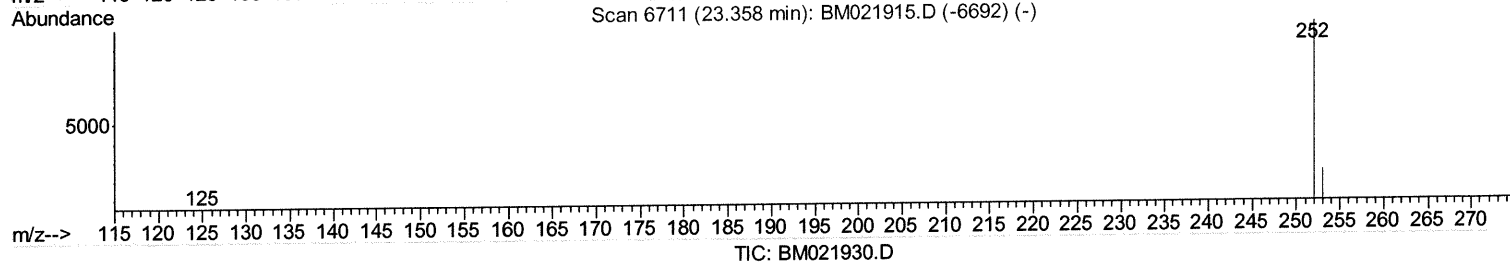
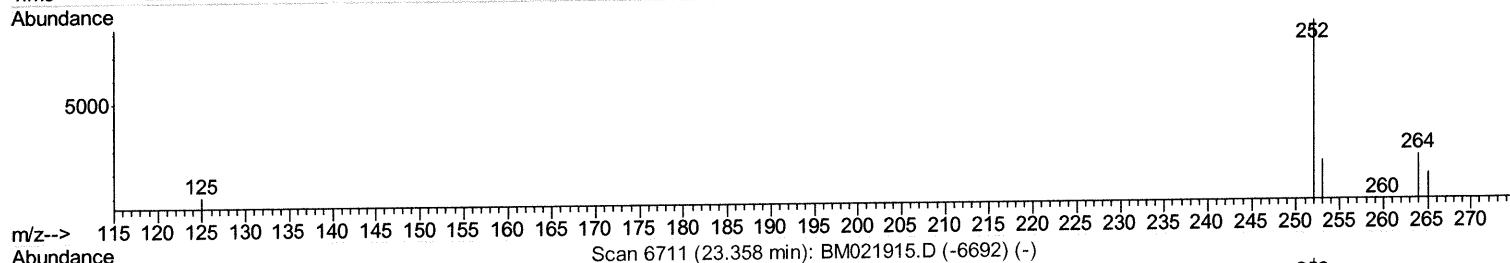
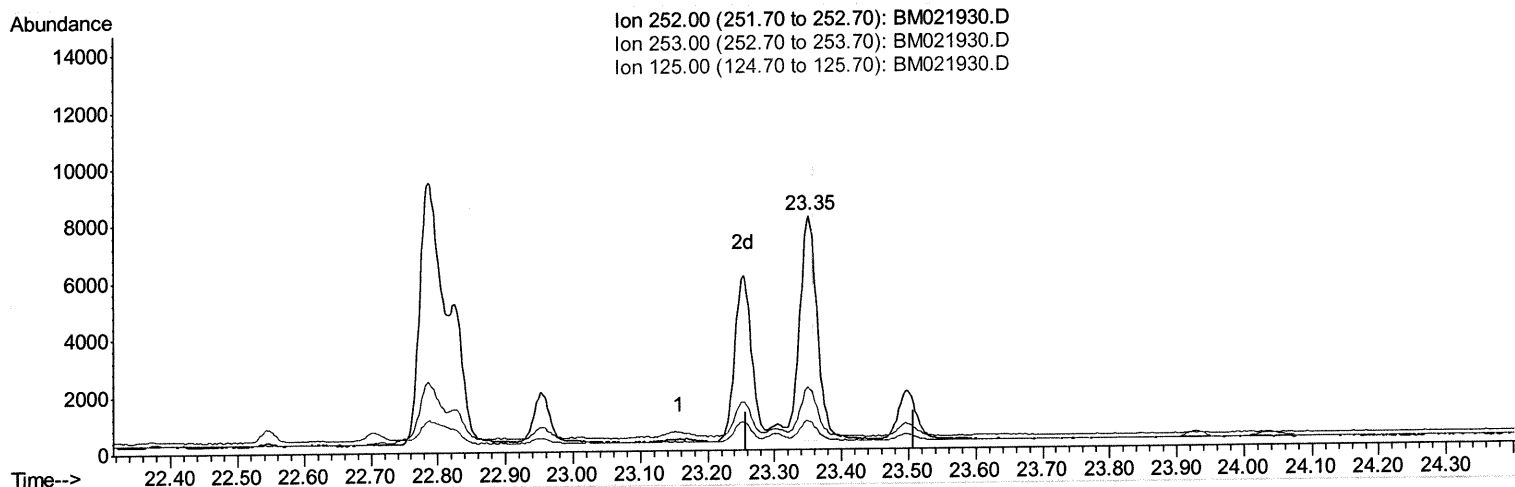
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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 (-0.008) 1.07ng/ul m *JU 08/09/19*

response 14398

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	26.95#
125.00	18.20	12.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

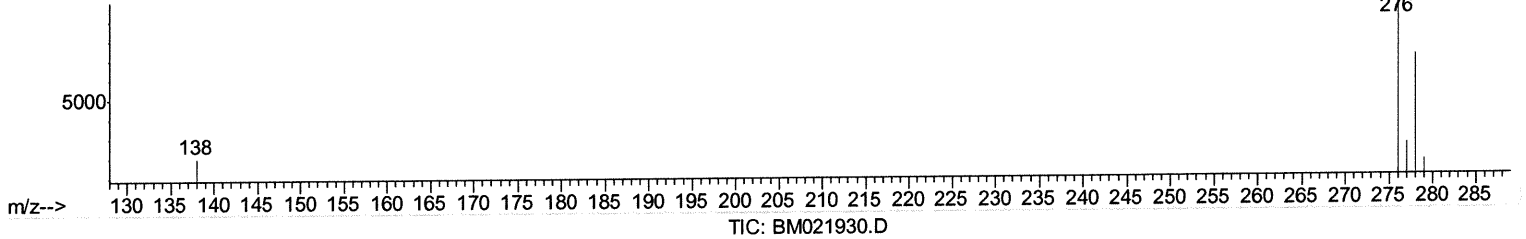
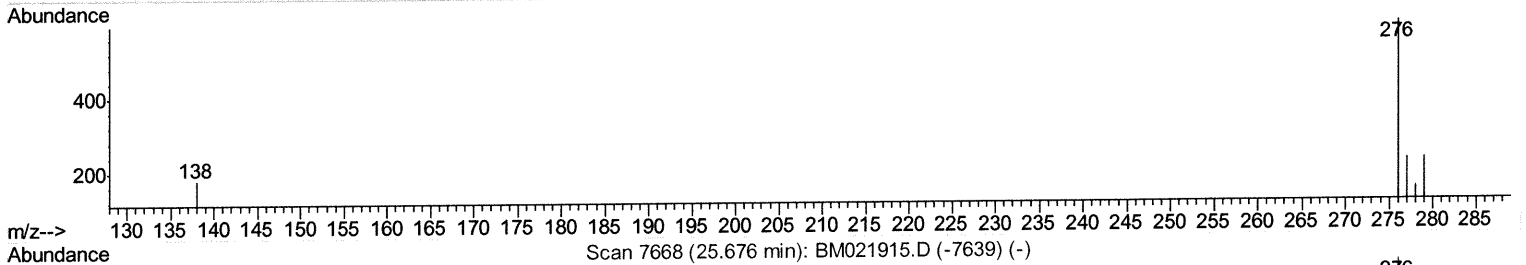
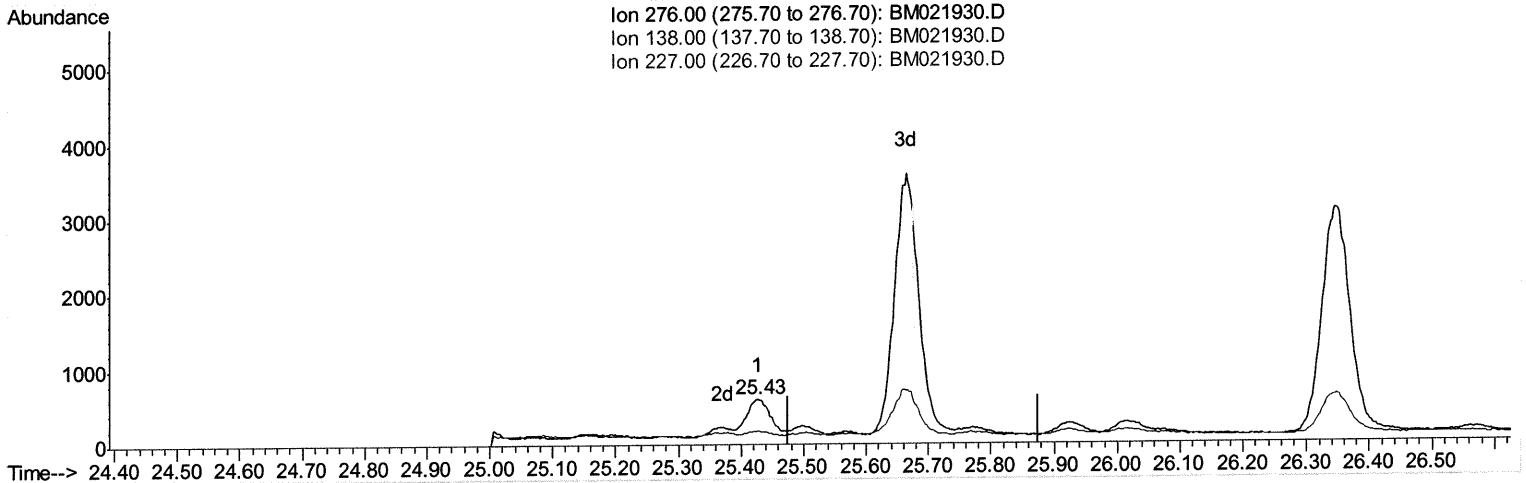
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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 (-0.250) 0.08ng/ul

response 1307

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	11.40#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

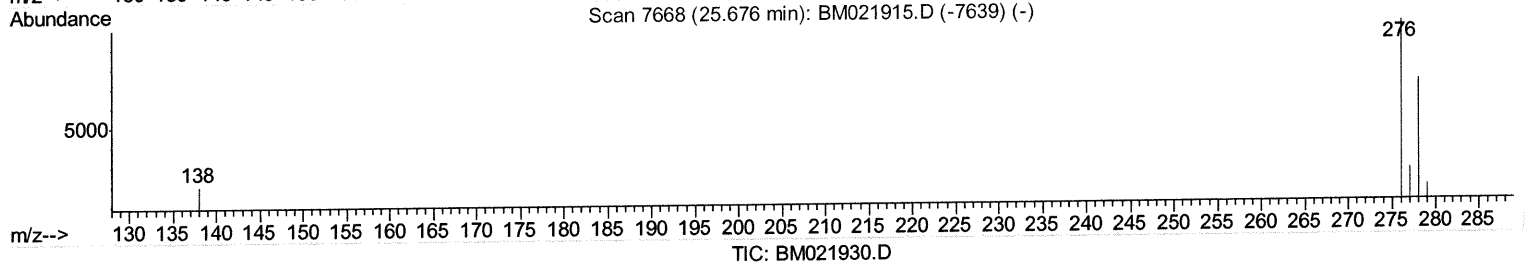
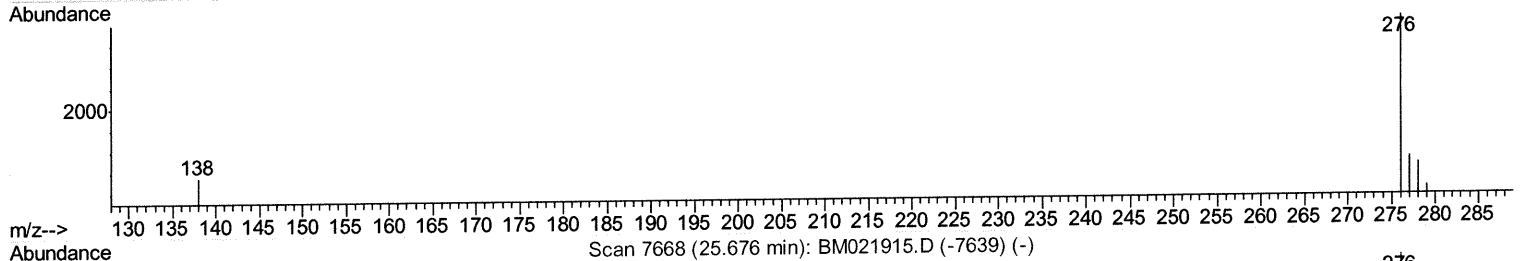
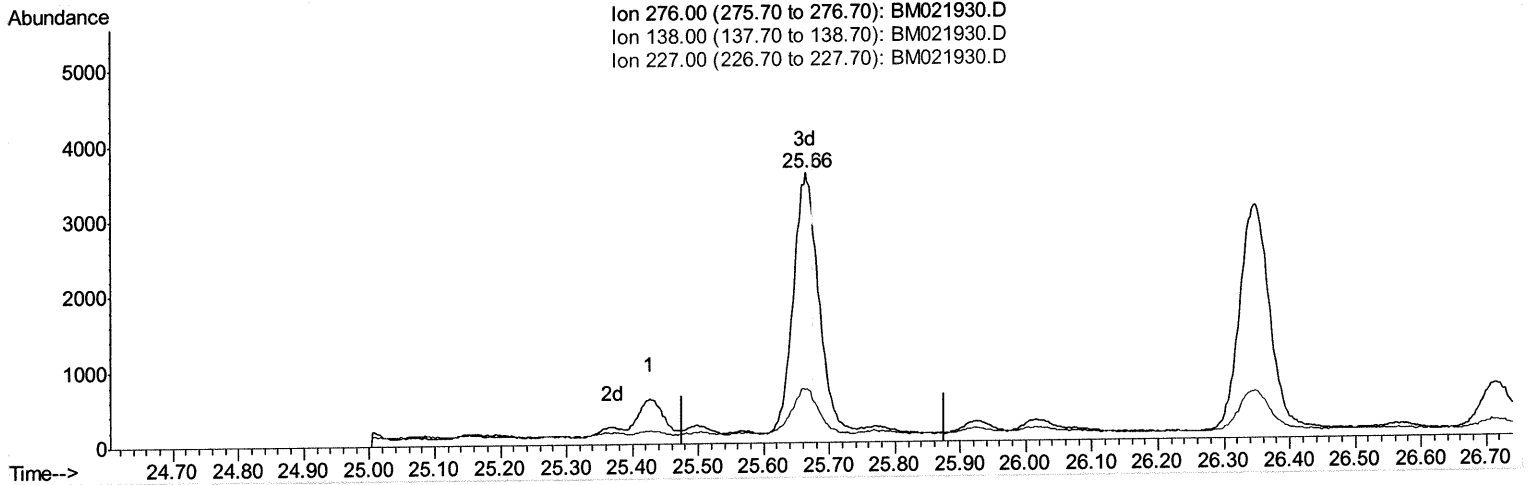
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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

25.664min (-0.012) 0.58ng/ul m

JU
 08/09/19

response 9384

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.59#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

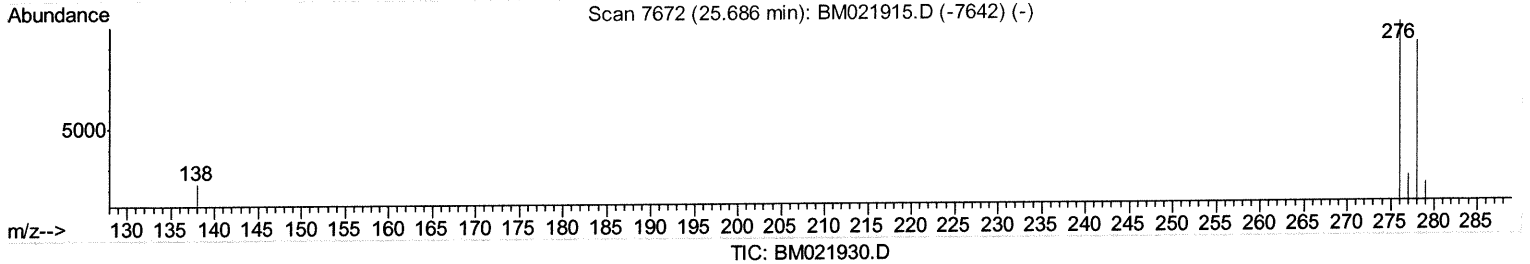
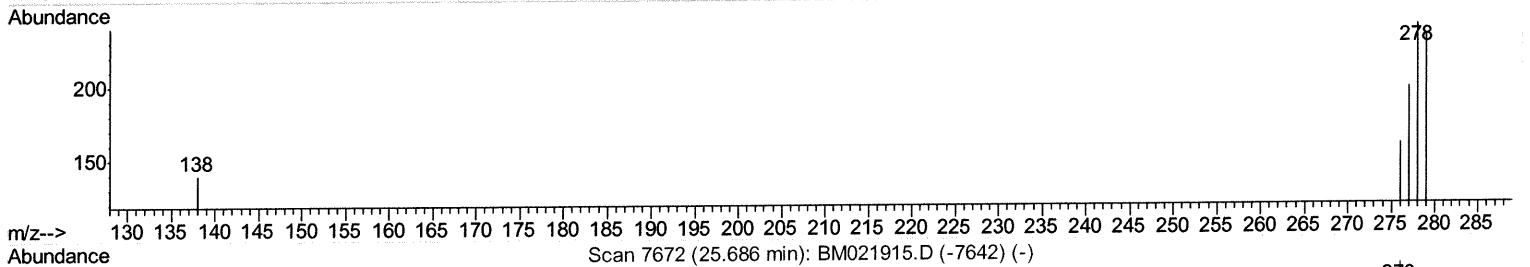
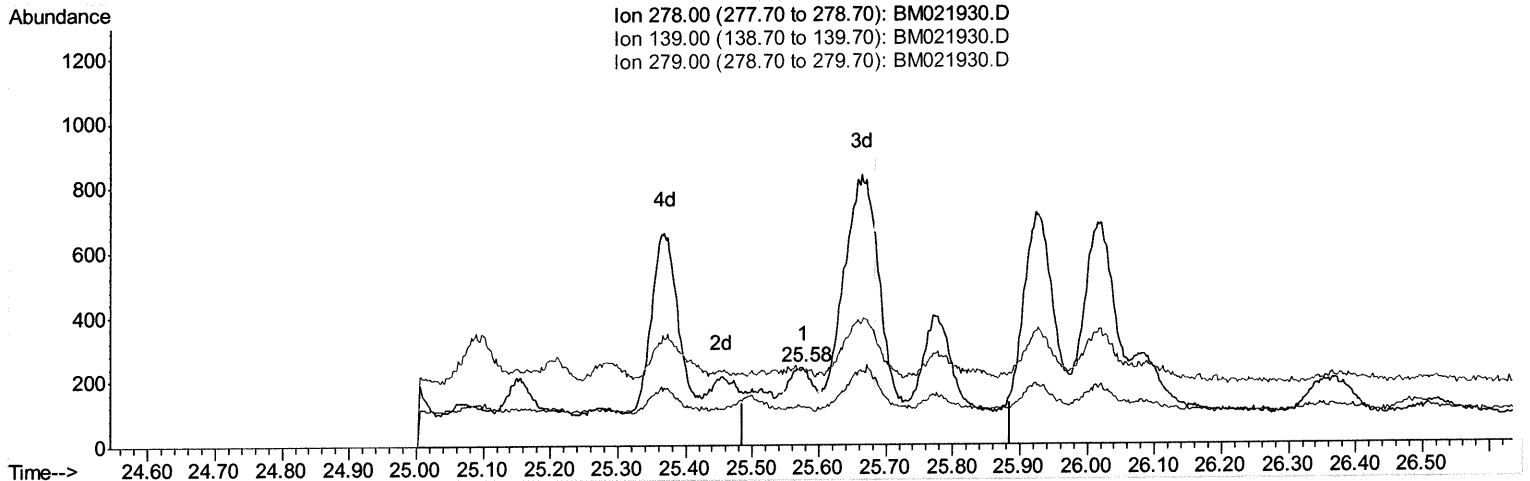
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

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Quant Time: Aug 08 17:18:43 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) 0.01ng/ul

response 142

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	49.17#
279.00	35.40	97.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

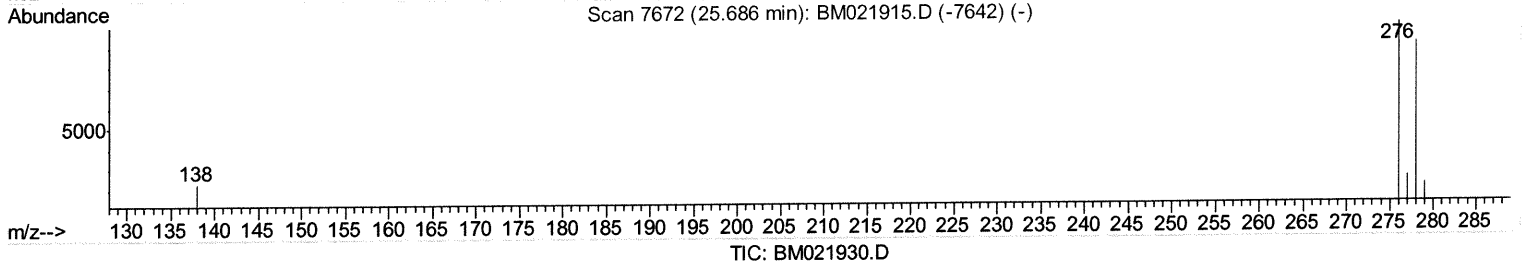
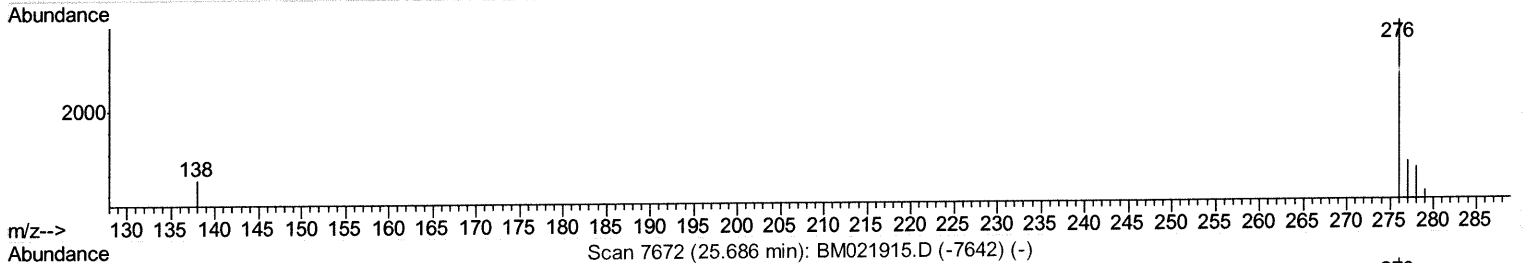
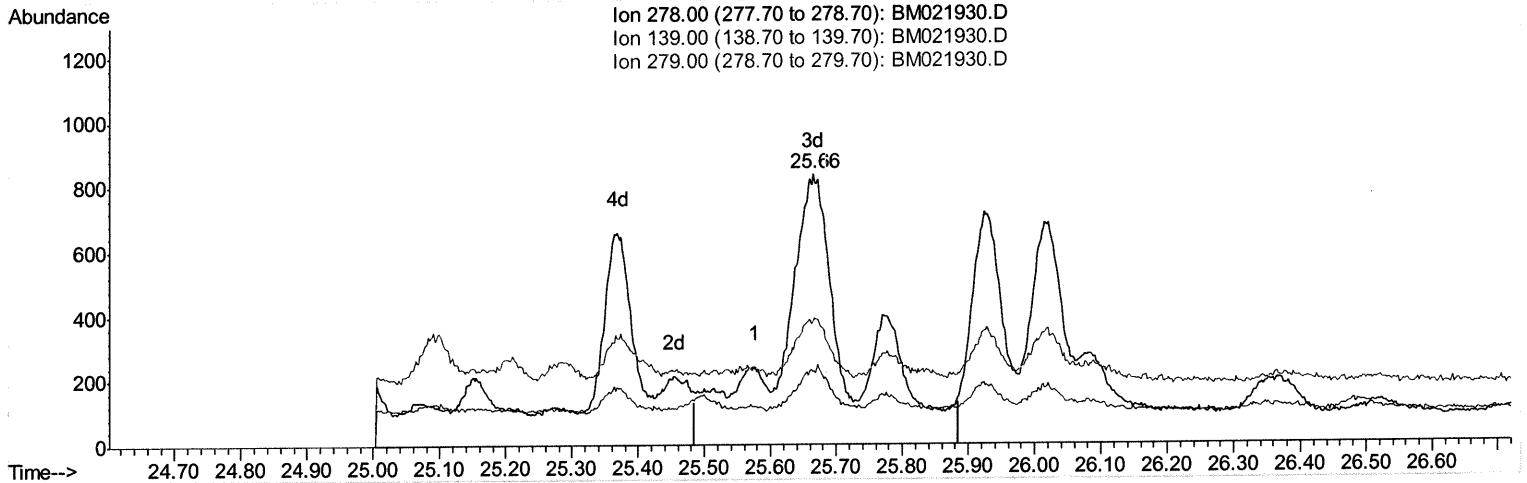
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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) 0.20ng/ul m

JU
 08/09/19

response 2534

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	26.83#
279.00	35.40	45.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

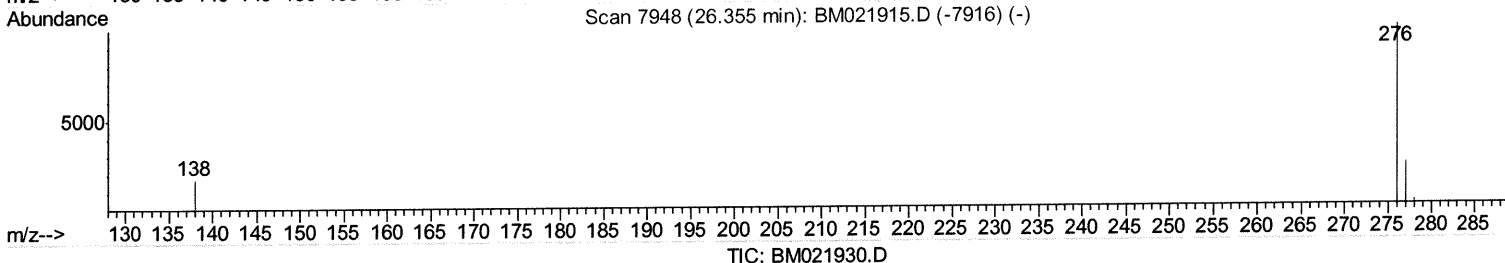
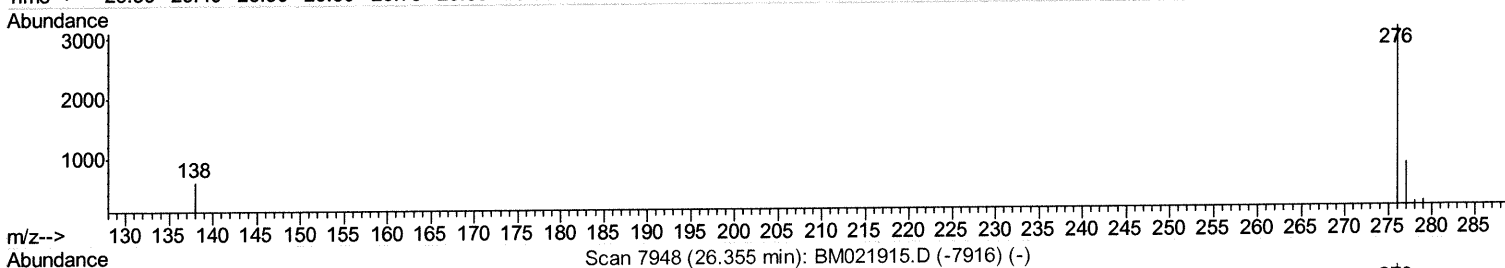
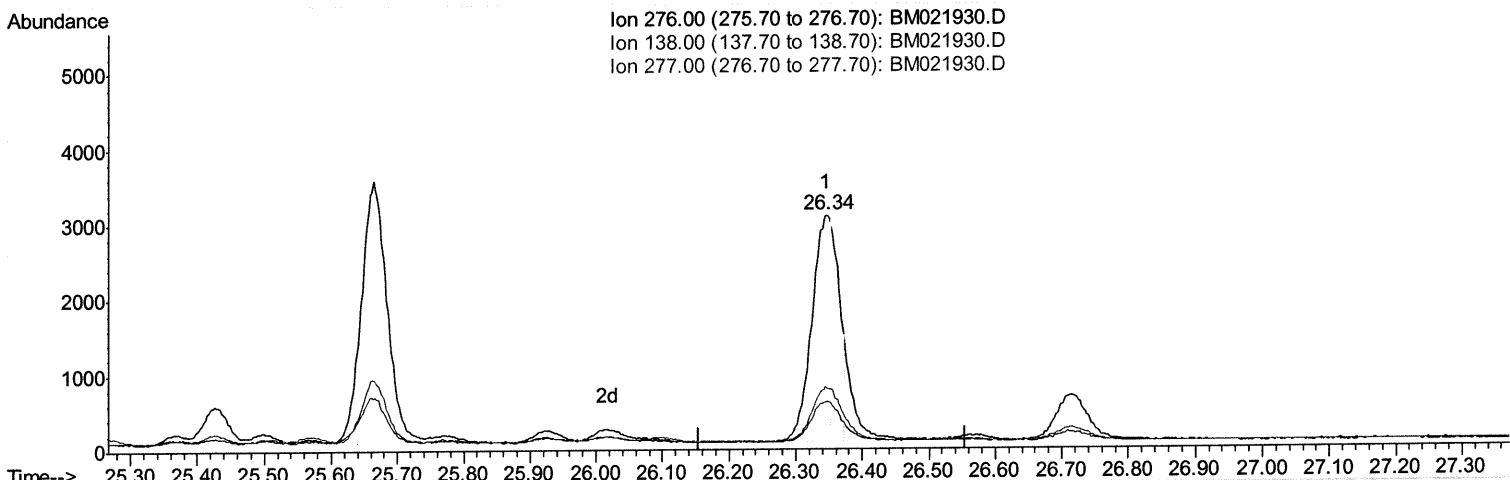
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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) 0.57ng/ul

response 8298

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	19.87
277.00	26.80	26.61
0.00	0.00	0.00

Quantitation Report (Qedit)

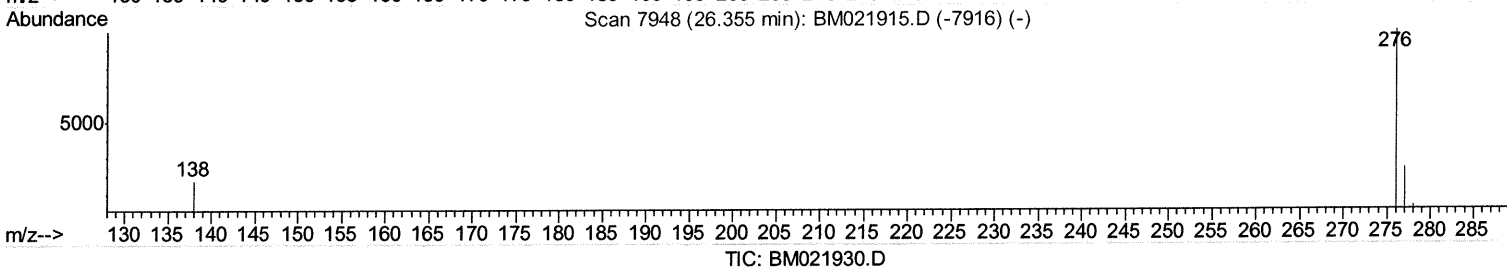
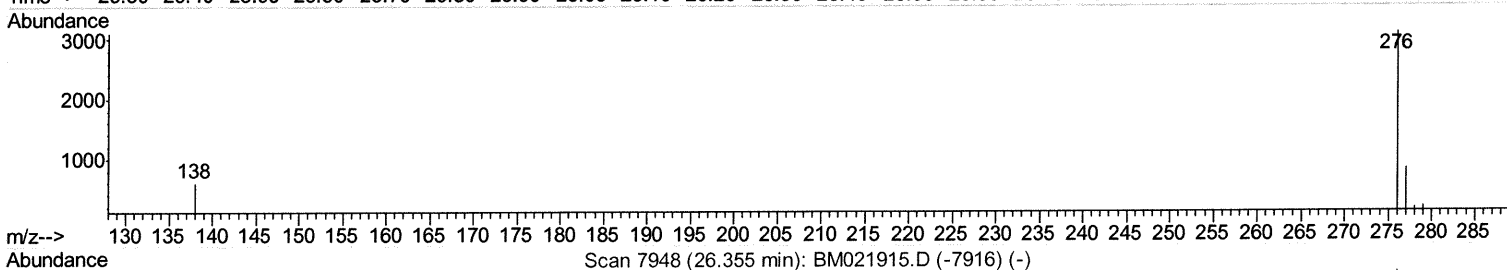
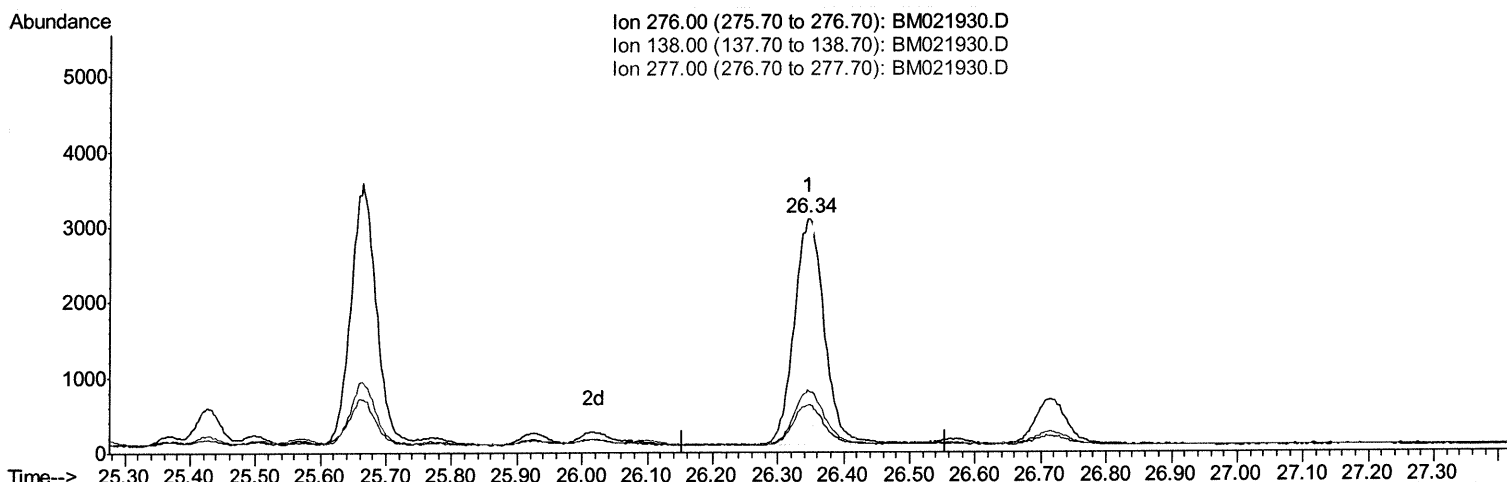
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
Data File : BM021930.D
Acq On : 08 Aug 2019 13:07
Operator : HP/JU
Sample : K4028-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:18:43 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) 0.66ng/ul m

response 9478

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	19.87
277.00	26.80	26.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080719\
 Data File : BM021930.D
 Acq On : 08 Aug 2019 13:07
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:21:01 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	791	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3415	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	1897	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4467m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4130m →	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	3921m →	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	867	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2735m	0.18	ng/ul	-0.02

Target Compounds

					Ovalue	
3) Naphthalene	10.45	128	408	0.042	ng/ul#	73
5) 2-Methylnaphthalene	12.09	142	141	0.022	ng/ul	87
7) Acenaphthylene	14.00	152	1574	0.178	ng/ul#	77
8) Acenaphthene	14.34	153	212	0.029	ng/ul#	91
9) Fluorene	15.33	166	463	0.058	ng/ul#	96
12) Phenanthrene	17.07	178	8800m →	0.677	ng/ul	JU 08/09/19
13) Anthracene	17.17	178	2812m →	0.254	ng/ul	
15) Fluoranthene	19.10	202	25218m →	1.448	ng/ul	
17) Pyrene	19.46	202	25415	1.498	ng/ul	100
18) Benzo(a)anthracene	21.22	228	14295	0.968	ng/ul	99
19) Chrysene	21.27	228	15864	0.835	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	18946m →	1.433	ng/ul	JU 08/09/19
22) Benzo(k)fluoranthene	22.82	252	8429m →	0.563	ng/ul	
23) Benzo(a)pyrene	23.35	252	14398m →	1.071	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	9384m →	0.584	ng/ul	
25) Dibenzo(a,h)anthracene	25.66	278	2534m →	0.195	ng/ul	
26) Benzo(a,h,i)perylene	26.34	276	9478m →	0.656	ng/ul	

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