

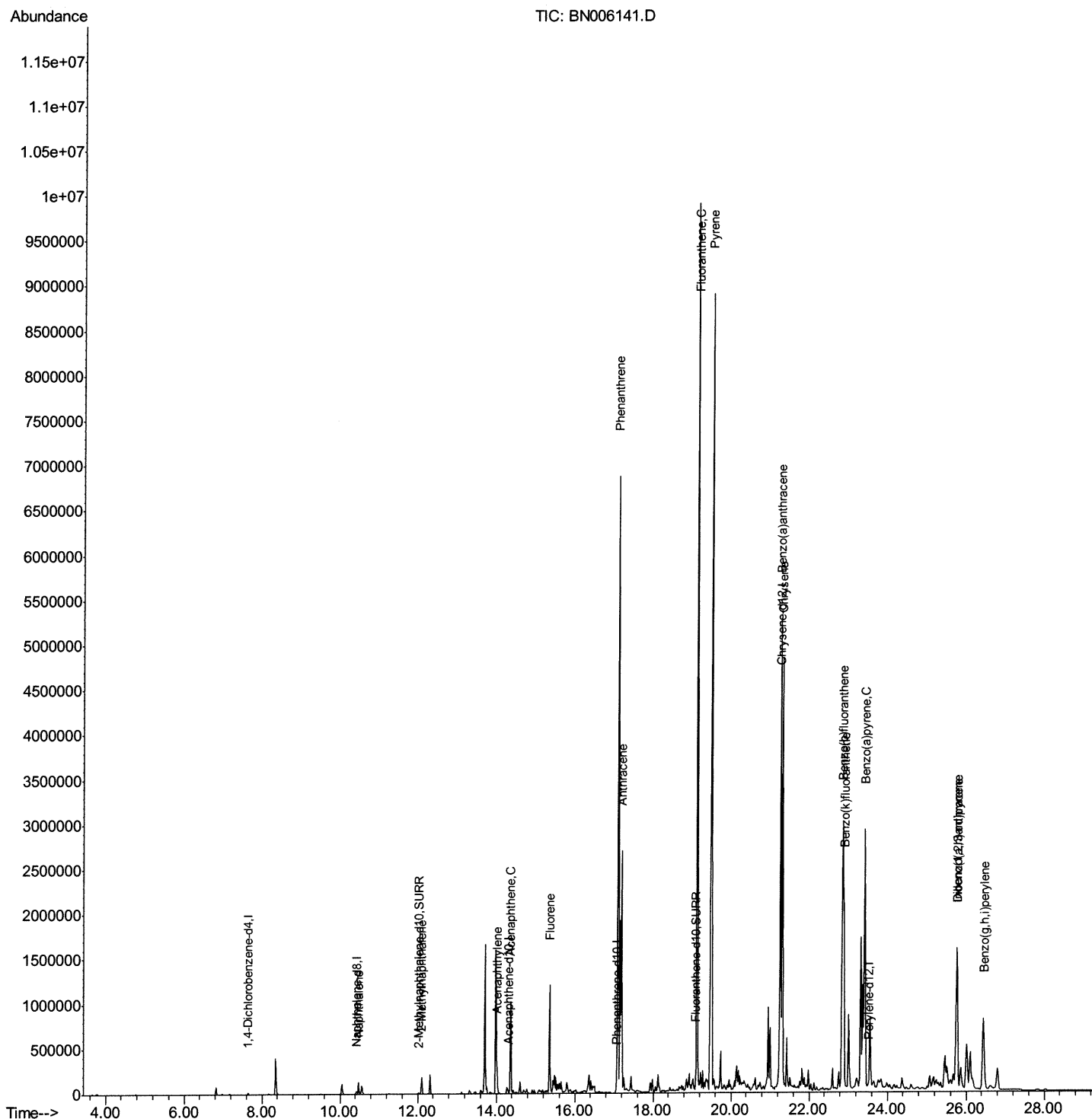
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006141.D
Acq On : 06 Jun 2019 18:16
Operator : JU/SJ
Sample : K3201-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
C0AD1

Manual Integrations
APPROVED

mohammad
6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:47:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 00:25:28 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

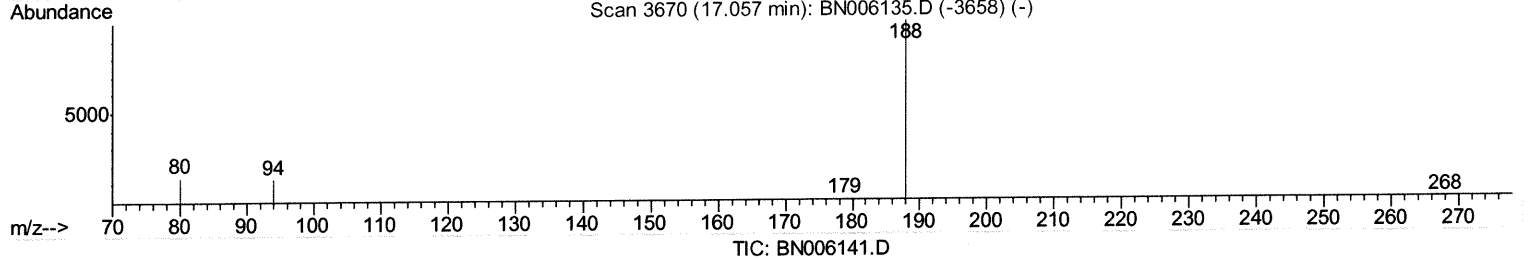
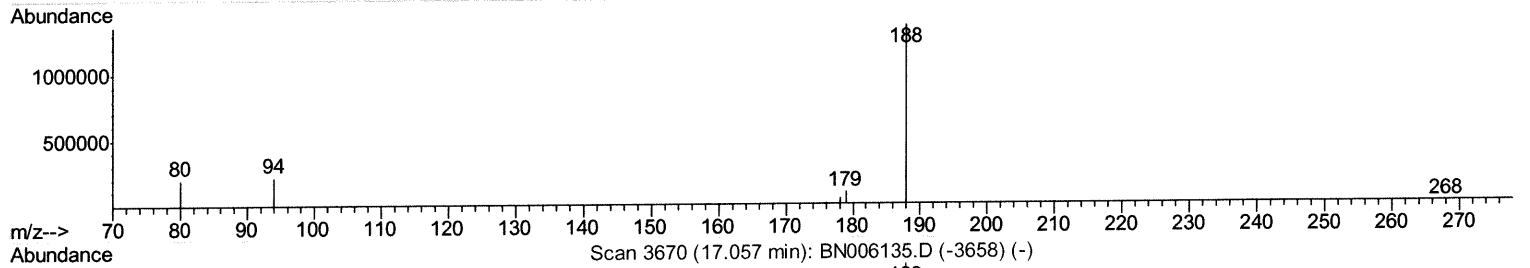
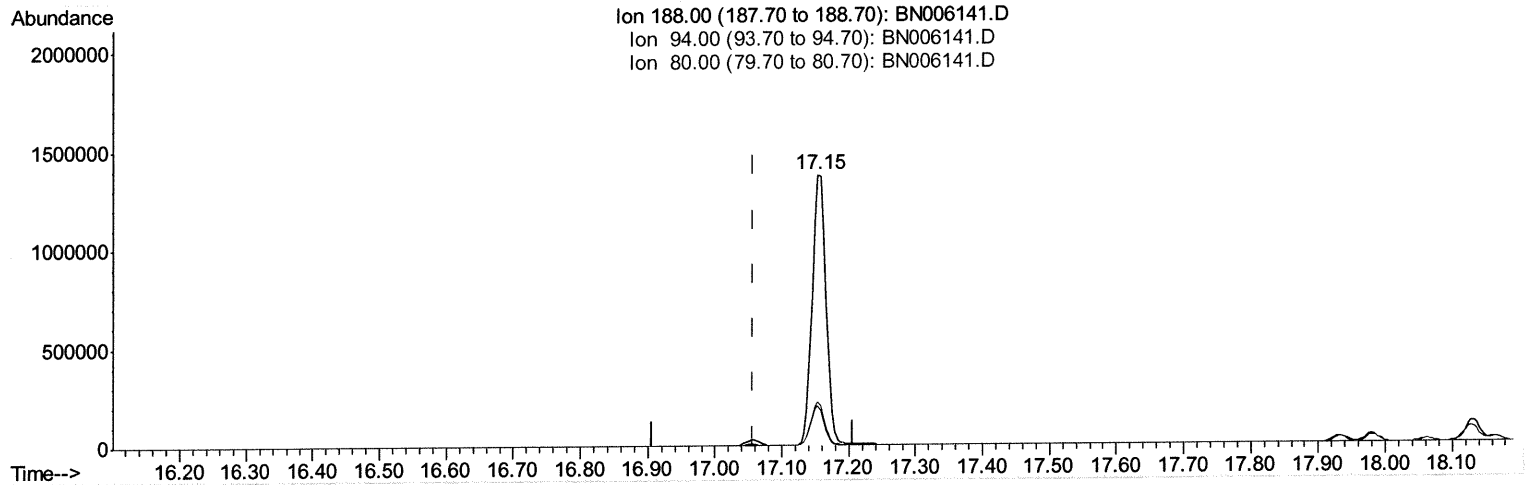
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:28:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.154min (+0.097) 0.40ng/ul

response 1951435

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	16.04#
80.00	13.60	14.64
0.00	0.00	0.00

Quantitation Report (Qedit)

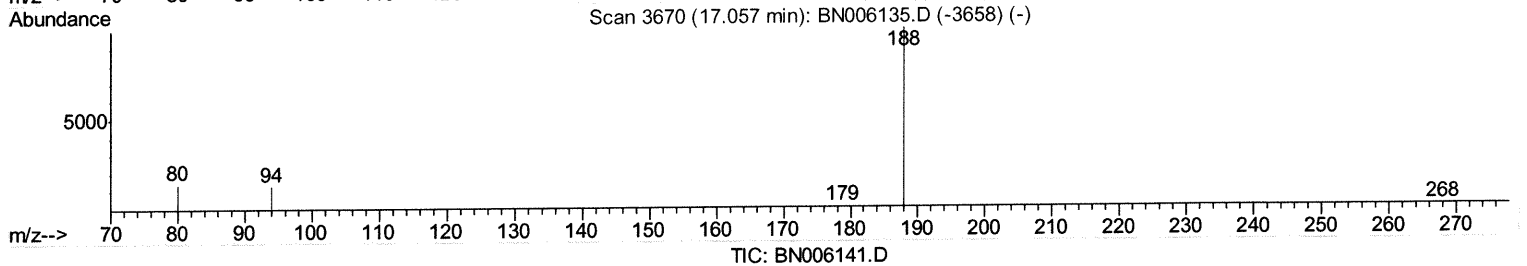
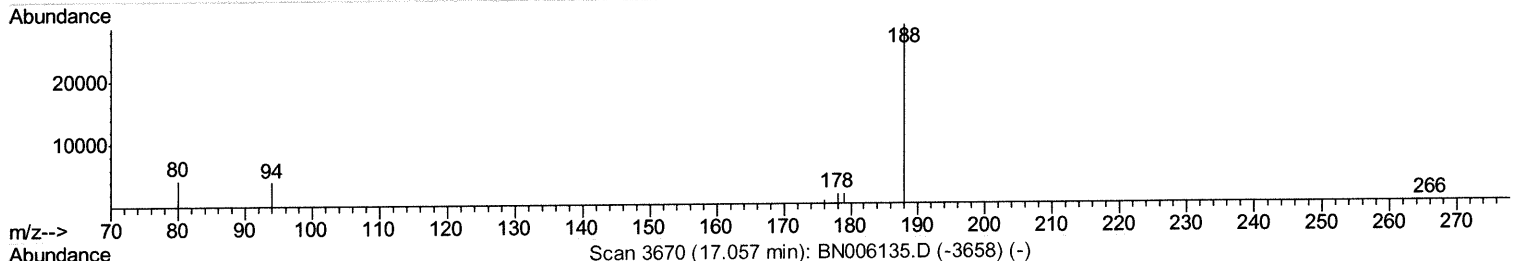
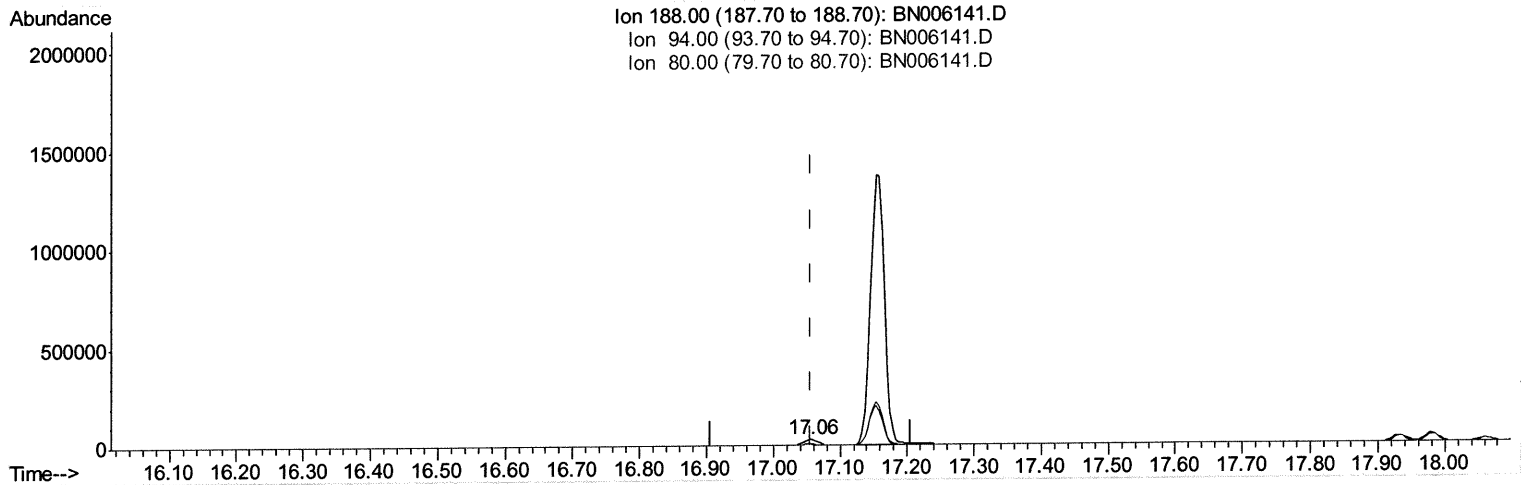
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:28:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.056min (-0.000) 0.40ng/ul m

JU
 06/10/19

response 42553

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.77
80.00	13.60	14.63
0.00	0.00	0.00

Quantitation Report (Qedit)

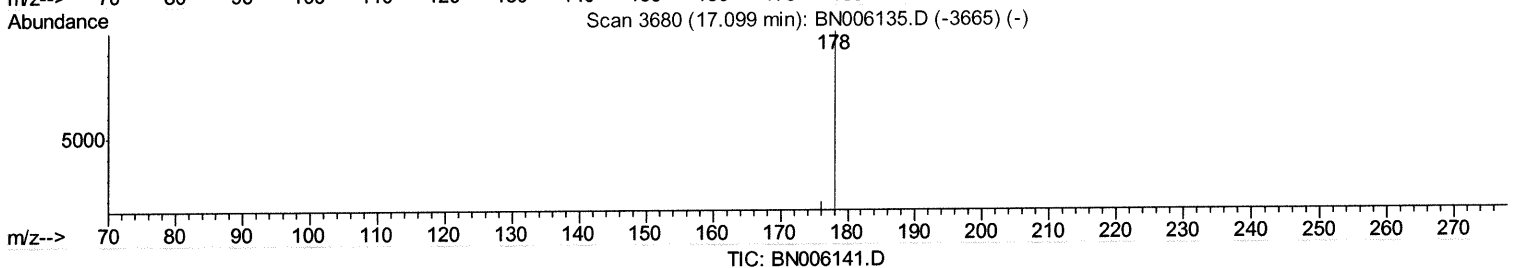
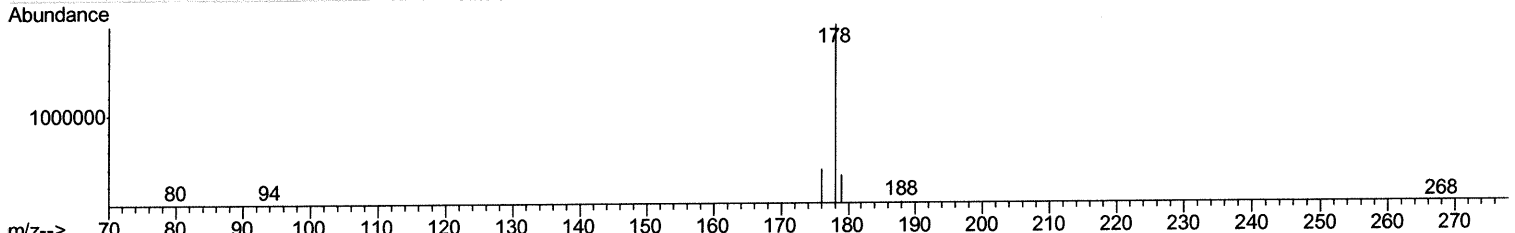
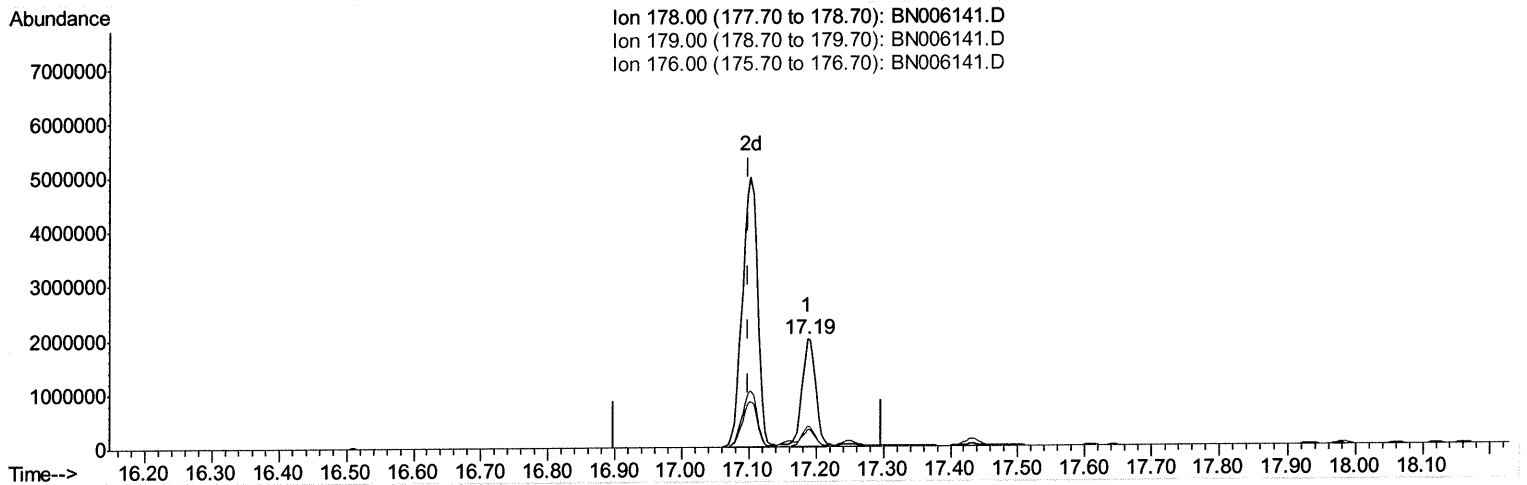
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.187min (+0.089) 20.43ng/ul

response 2790525

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.98
176.00	19.10	19.31
0.00	0.00	0.00

Quantitation Report (Qedit)

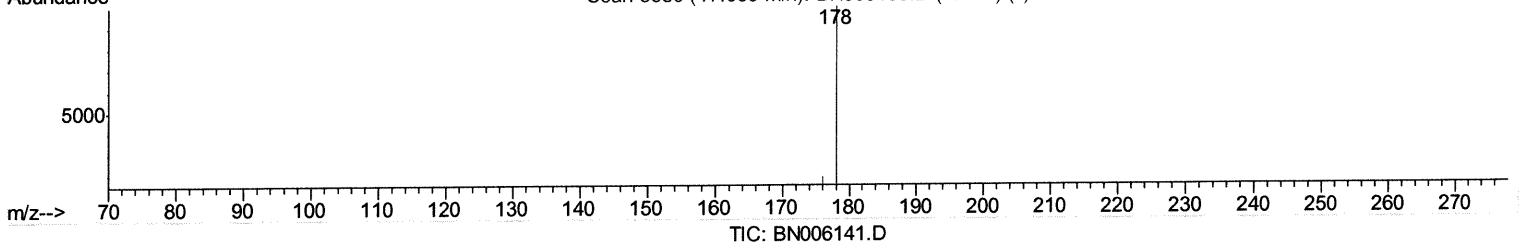
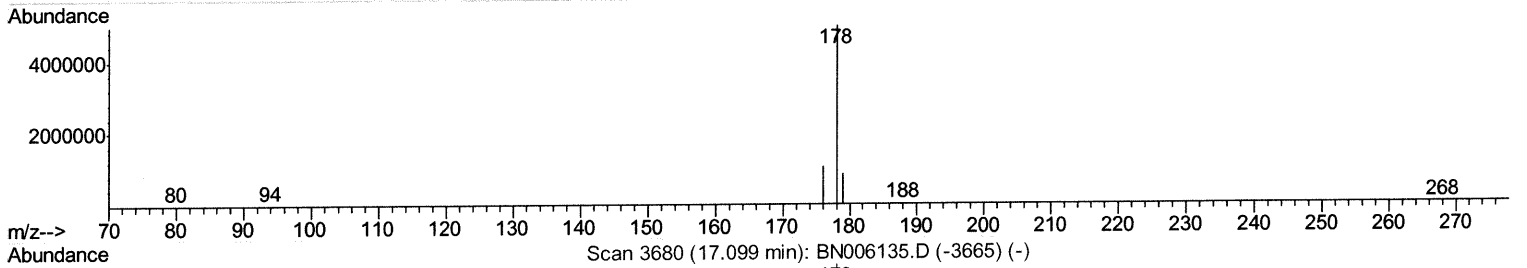
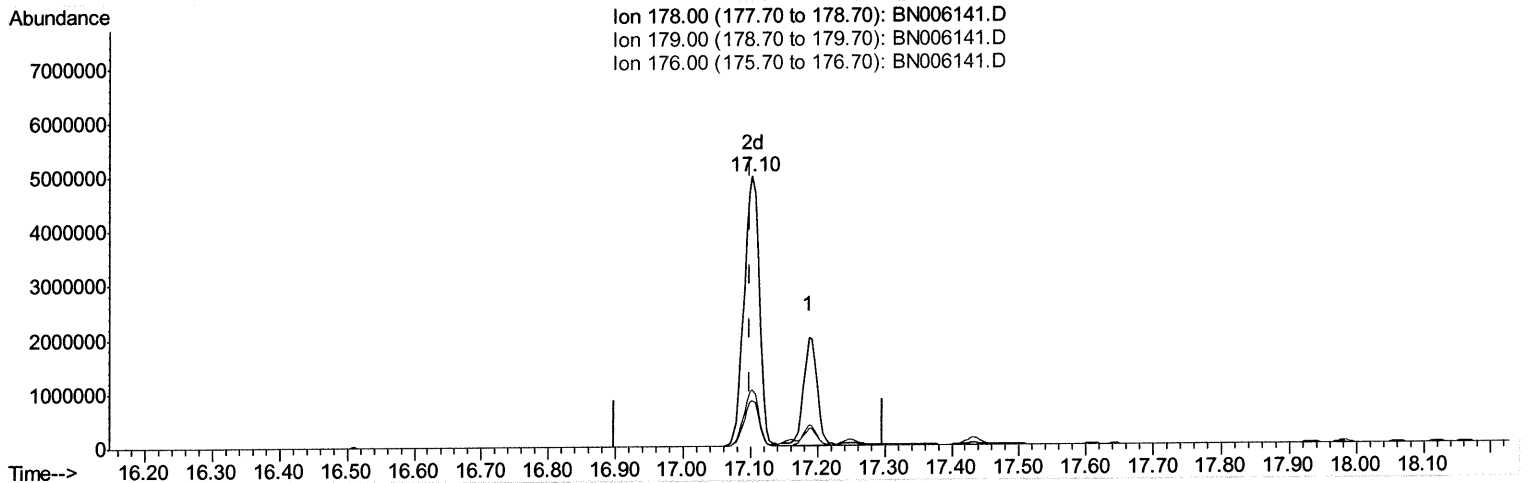
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.103min (+0.004) 58.90ng/ul m *JU 06/10/19*

response 8045367

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.97
176.00	19.10	21.13
0.00	0.00	0.00

Quantitation Report (Qedit)

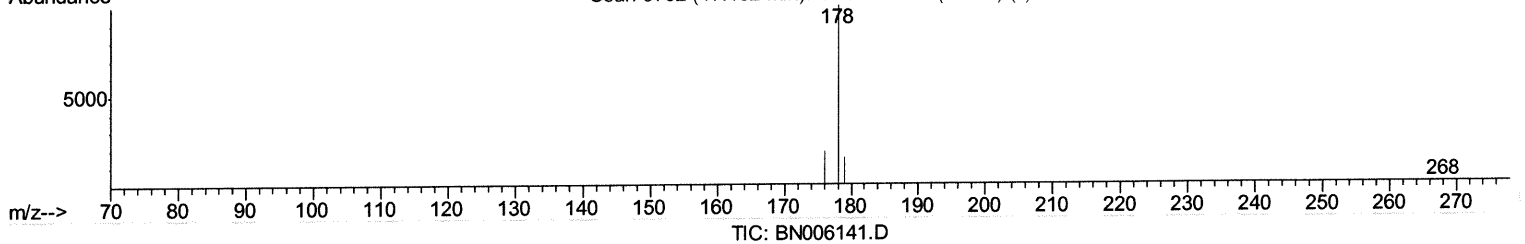
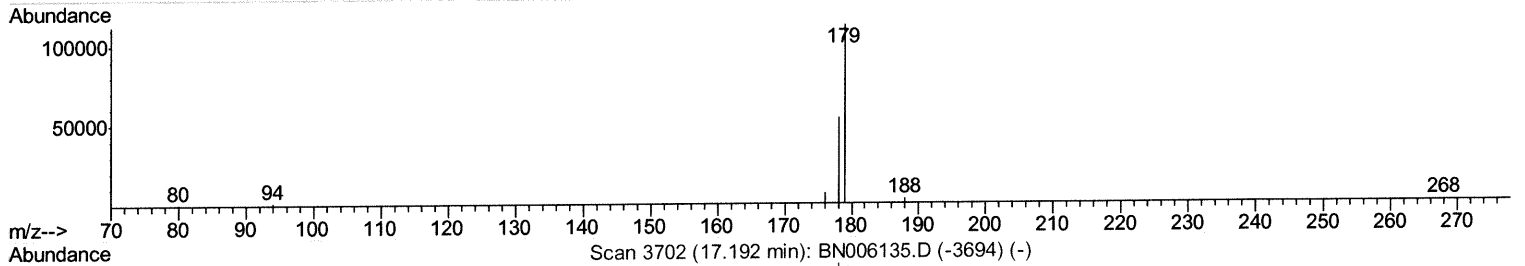
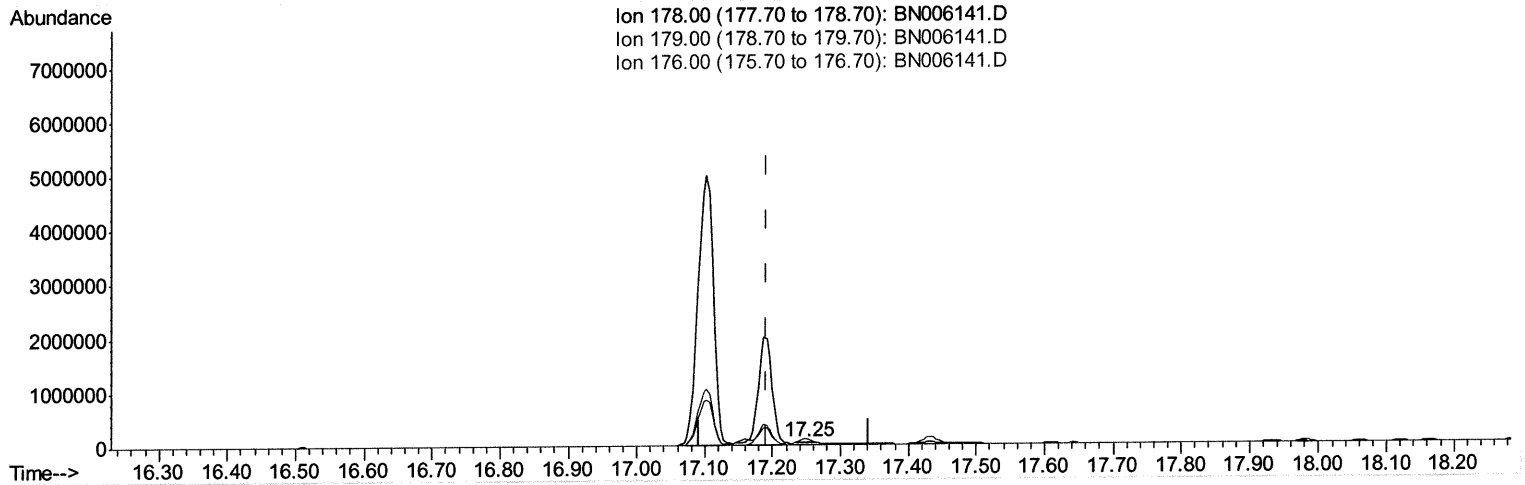
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(13) Anthracene

17.251min (+0.059) 0.50ng/ul

response 65632

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	208.57#
176.00	18.90	13.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

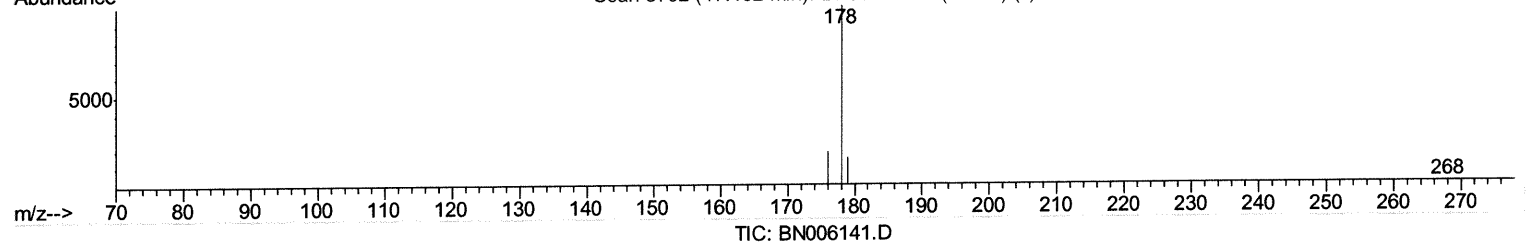
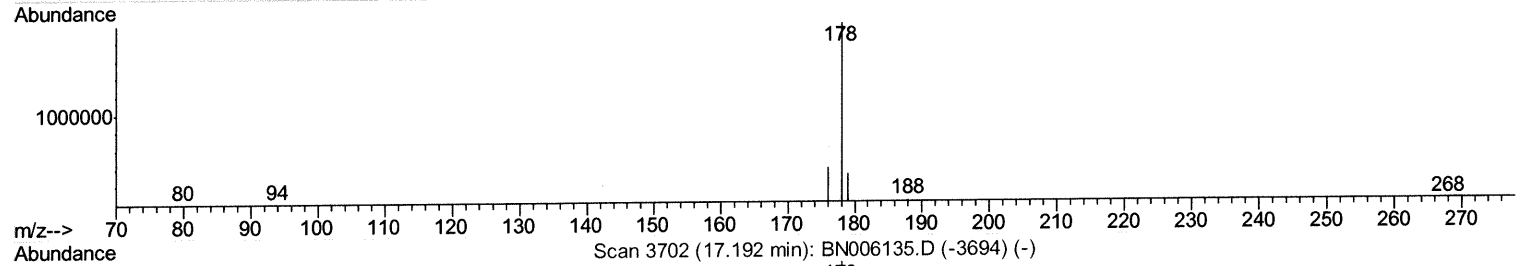
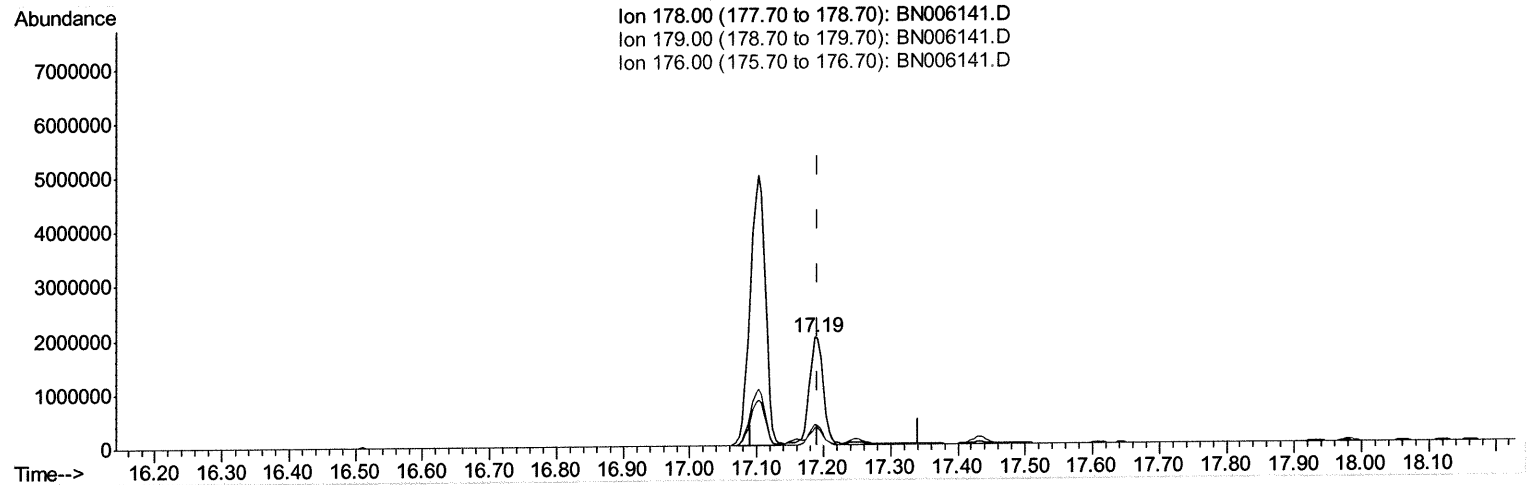
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(13) Anthracene

17.187min (-0.004) 22.34ng/ul m 06/10/19

response 2914766

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.98
176.00	18.90	19.31
0.00	0.00	0.00

Quantitation Report (Qedit)

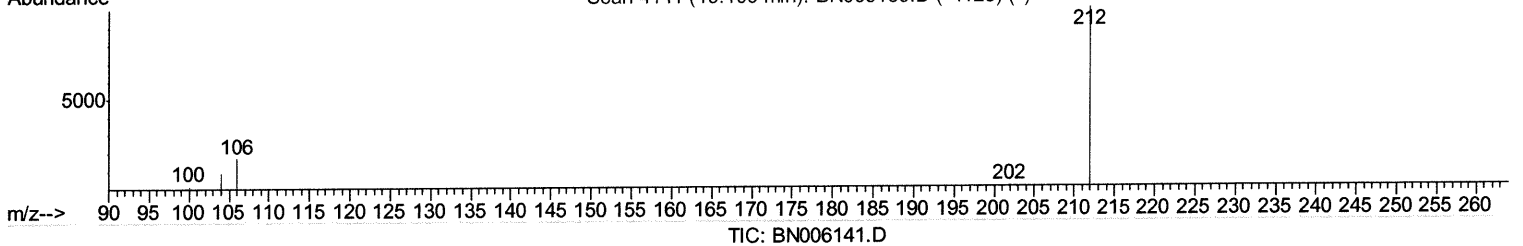
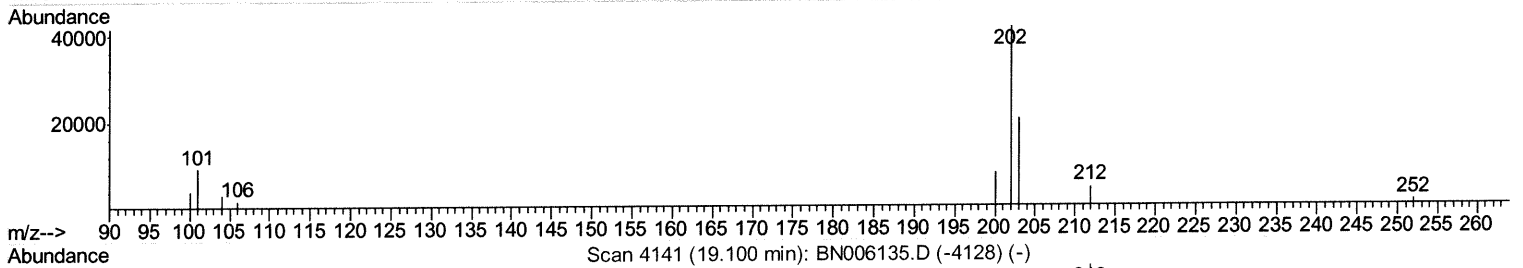
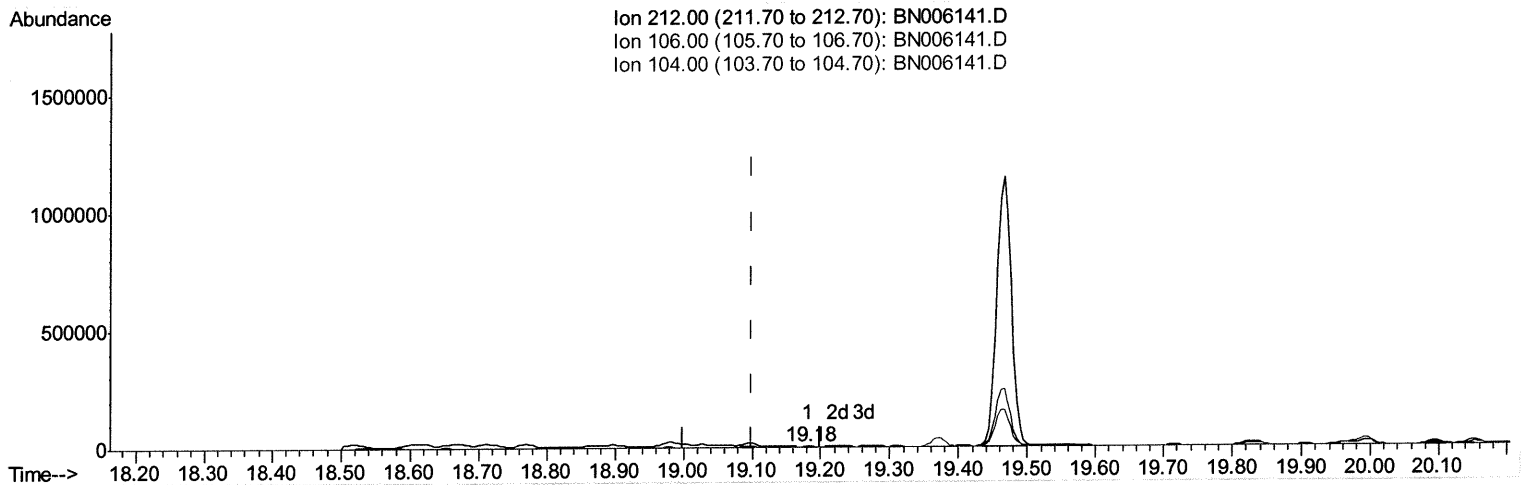
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.183min (+0.084) 0.02ng/ul

response 2235

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	45.68#
104.00	9.90	127.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

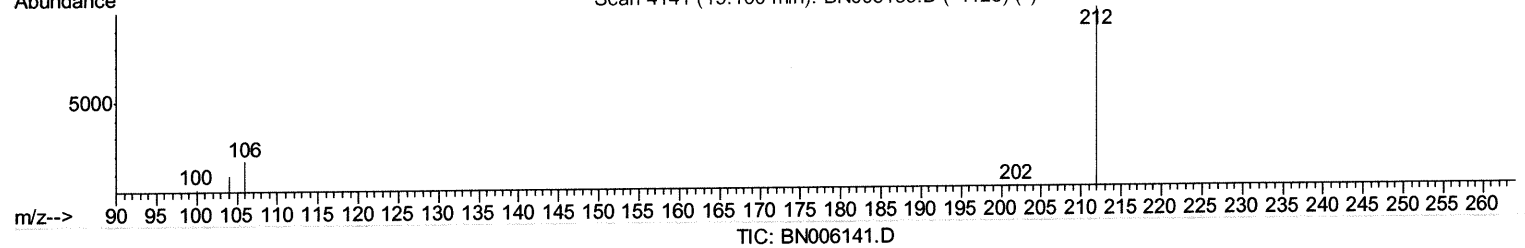
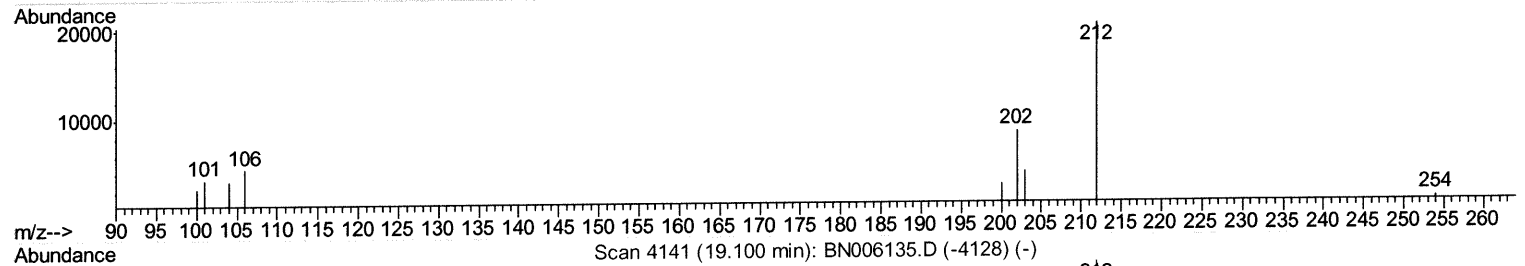
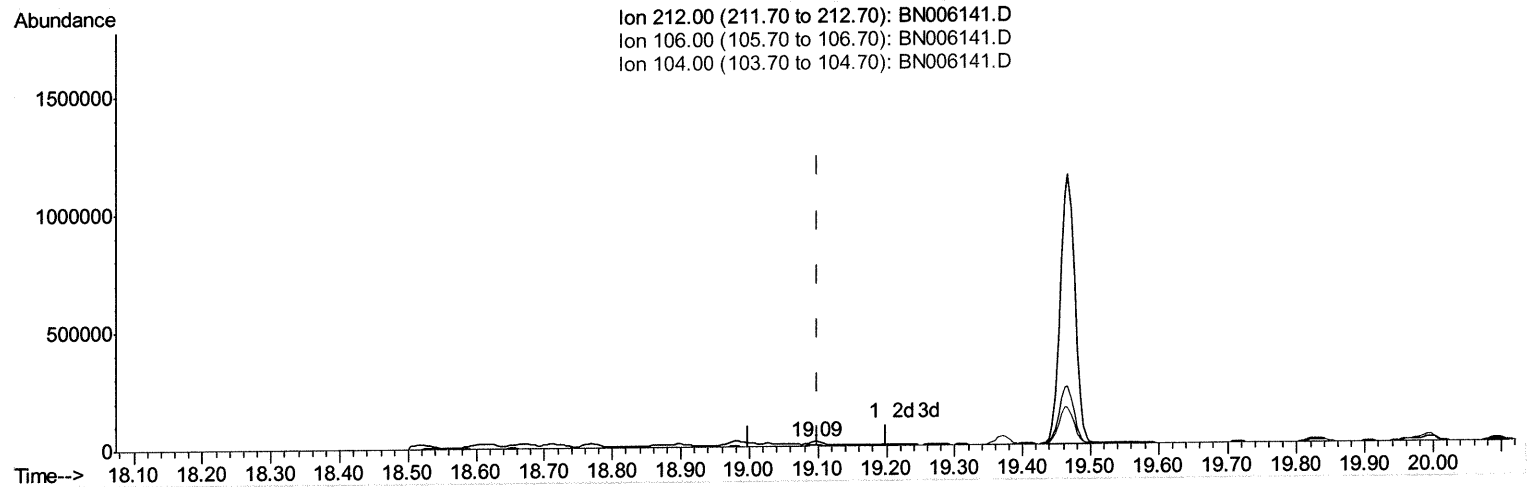
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.095min (-0.005) 0.28ng/ul m

response 32027

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	3.19#
104.00	9.90	8.89
0.00	0.00	0.00

Quantitation Report (Qedit)

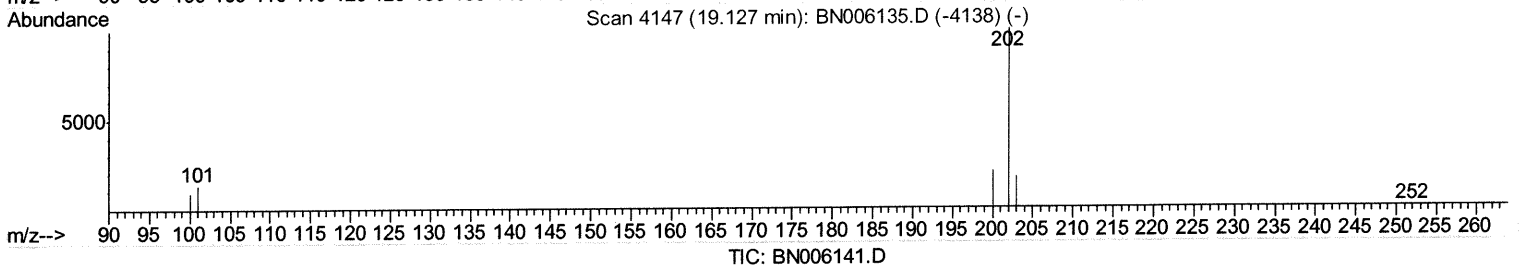
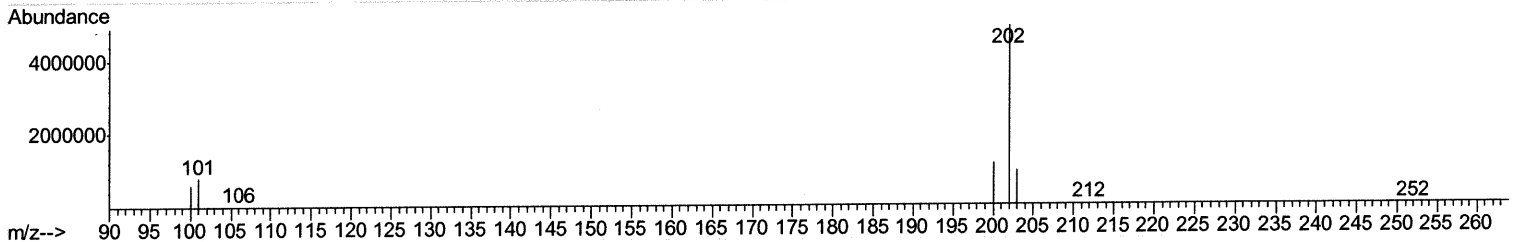
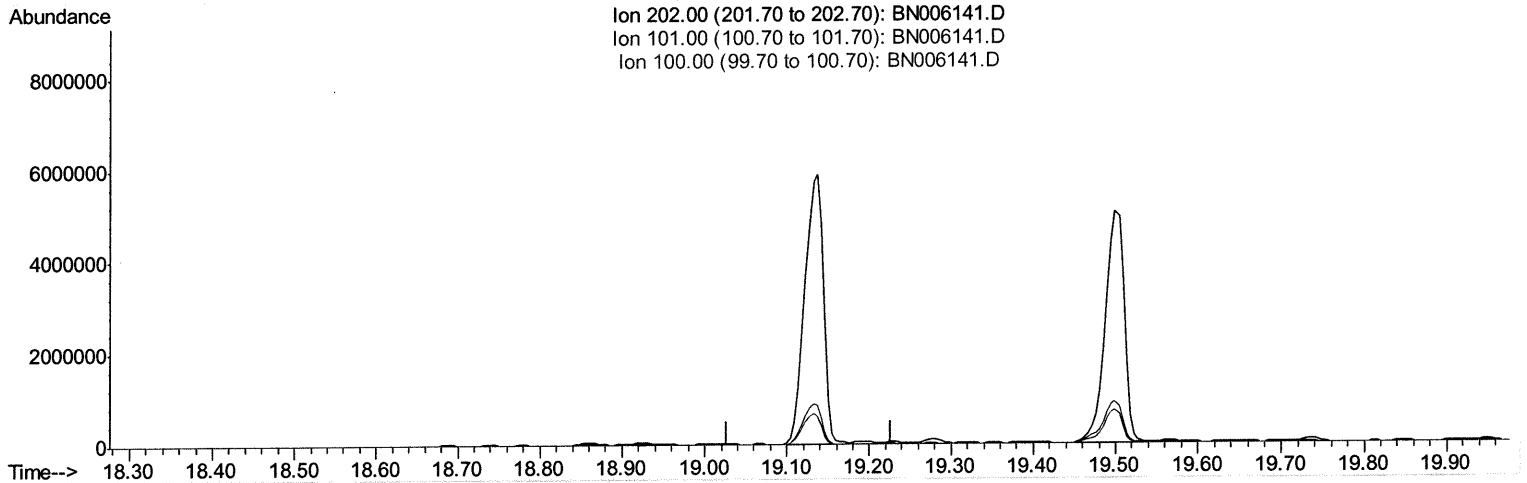
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:43:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.127min (-19.127) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.10	0.00
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

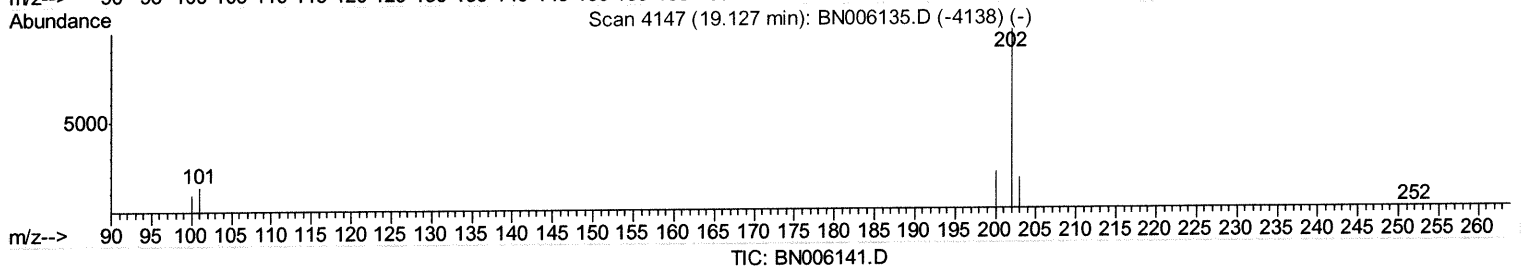
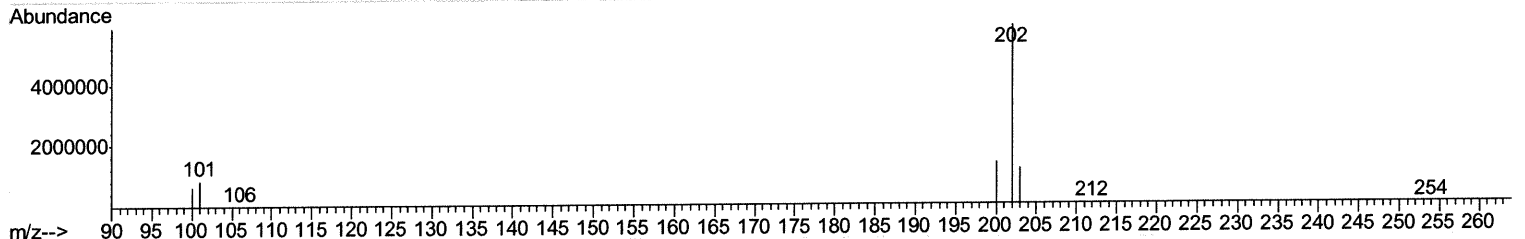
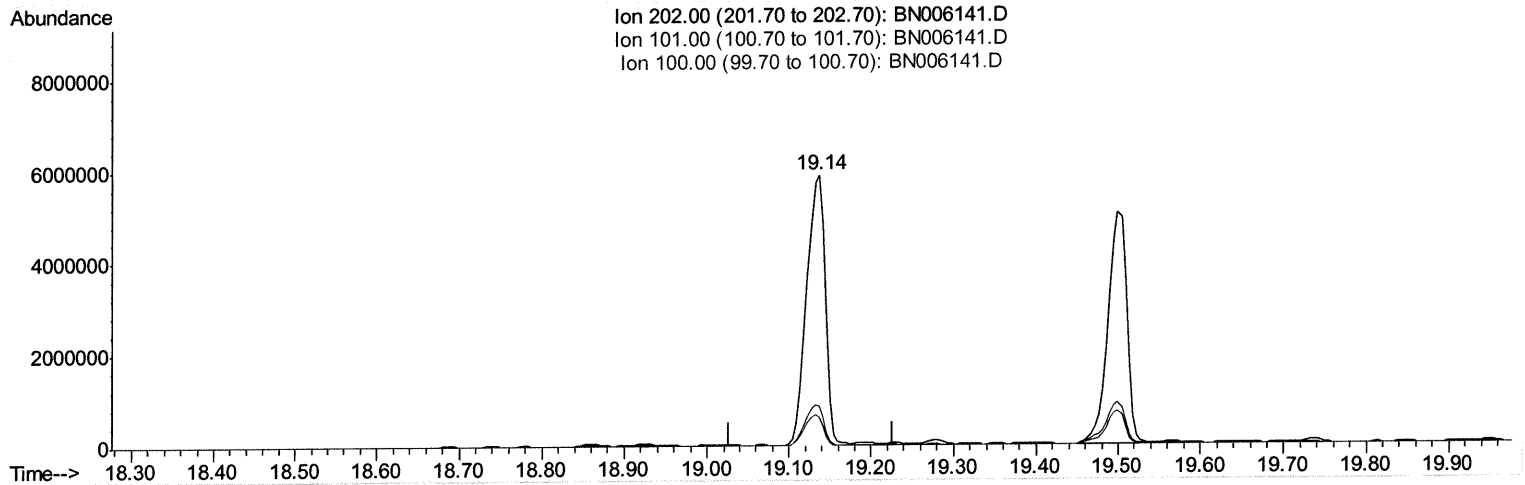
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:43:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.137min (+0.009) 62.12ng/ul m

JU
 06/10/19

response 9370076

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.66
100.00	8.70	10.68
0.00	0.00	0.00

Quantitation Report (Qedit)

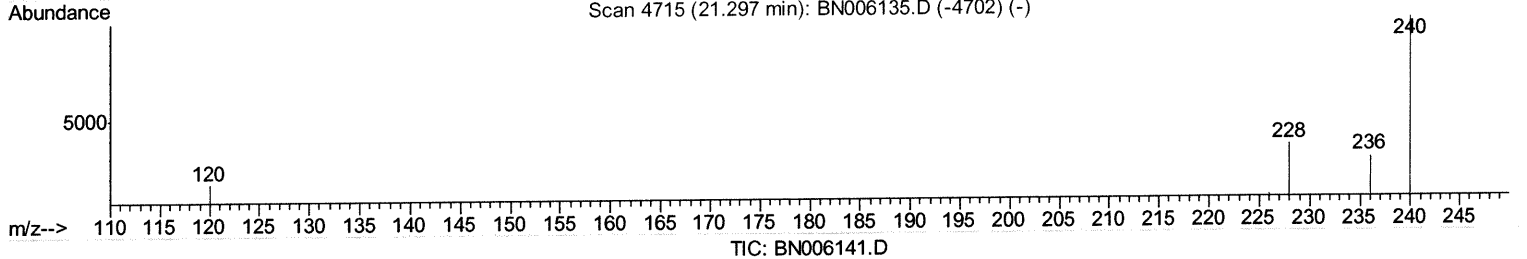
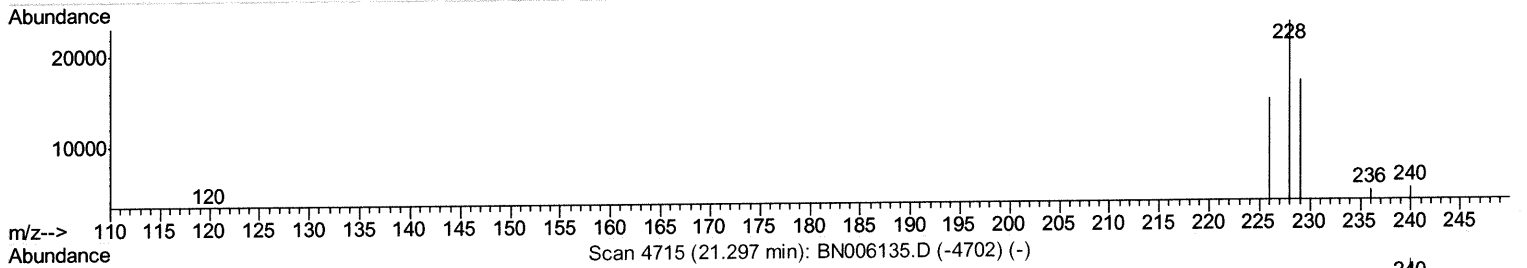
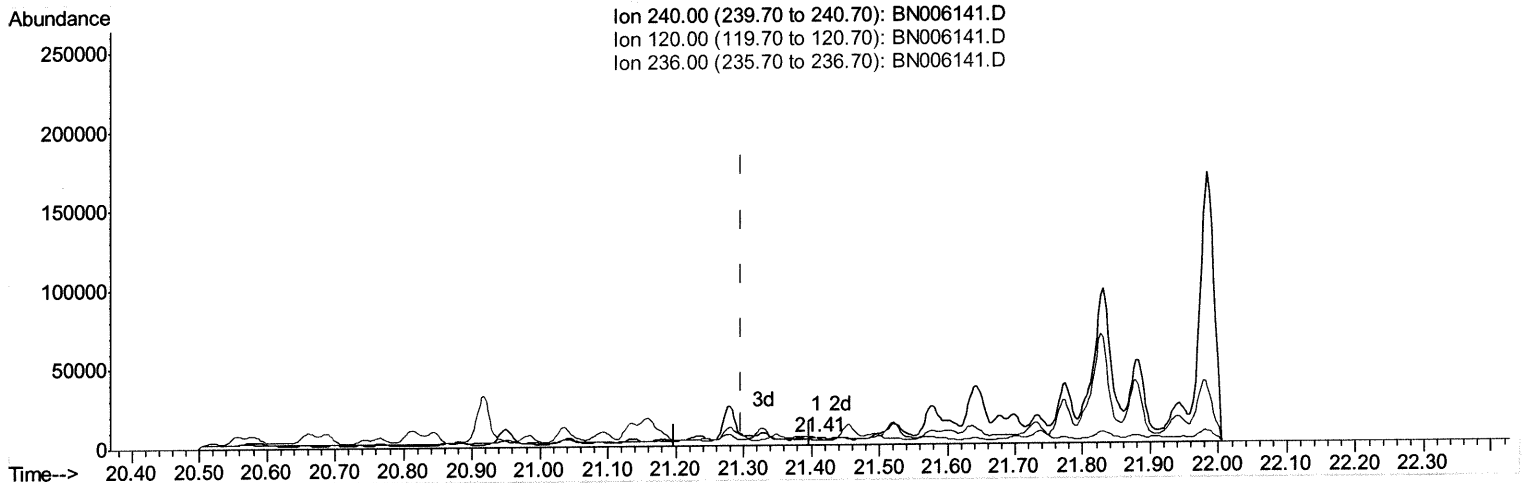
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:43:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.408min (+0.111) 0.40ng/ul

response 3174

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	71.12#
236.00	30.10	94.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

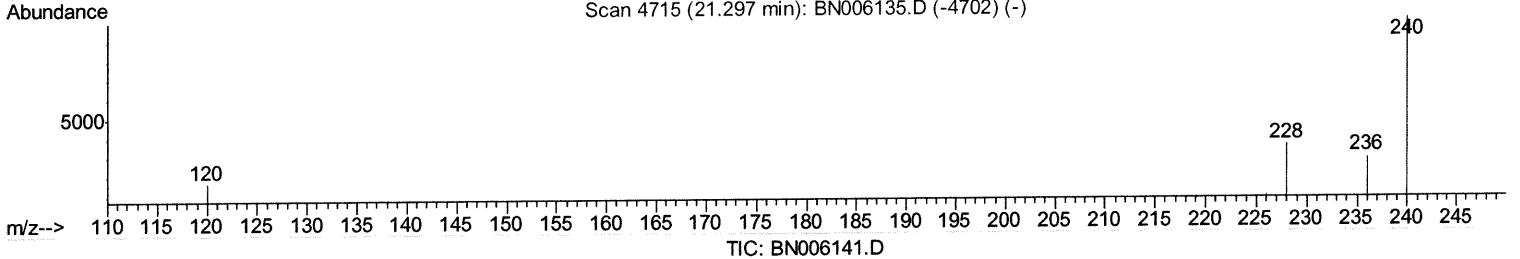
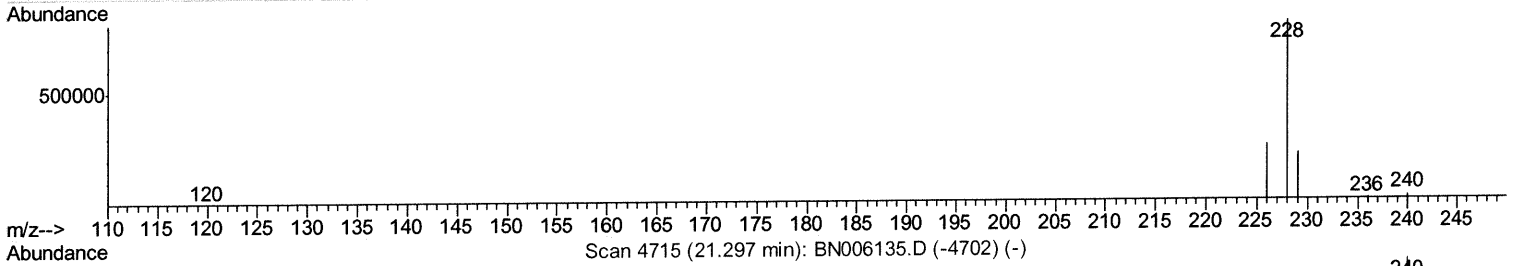
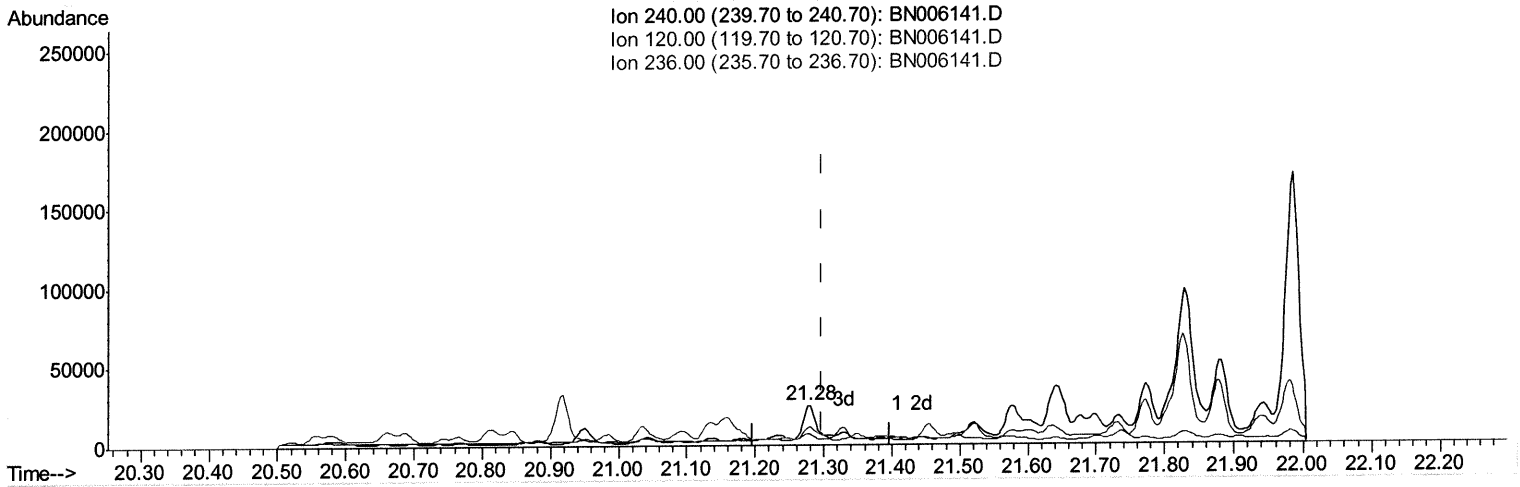
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:43:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.277min (-0.021) 0.40ng/ul m

JU
 06/10/19

response 25604

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	29.26#
236.00	30.10	44.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

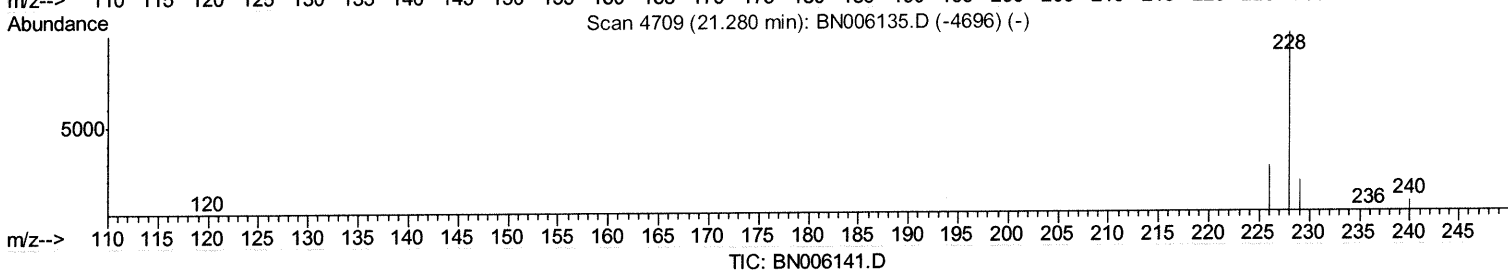
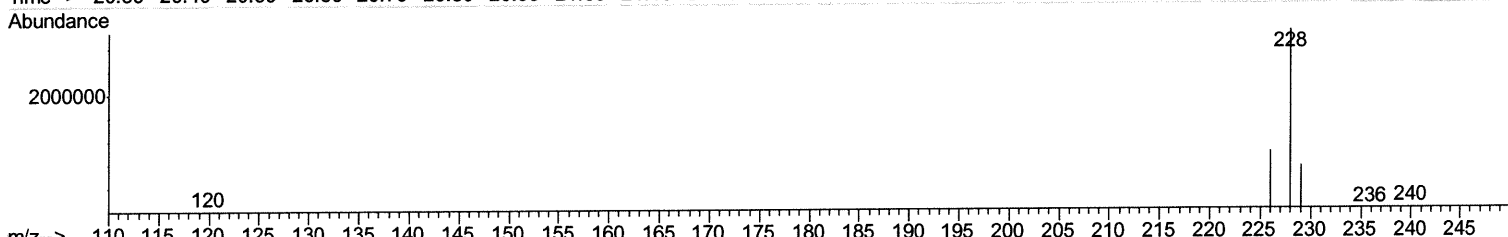
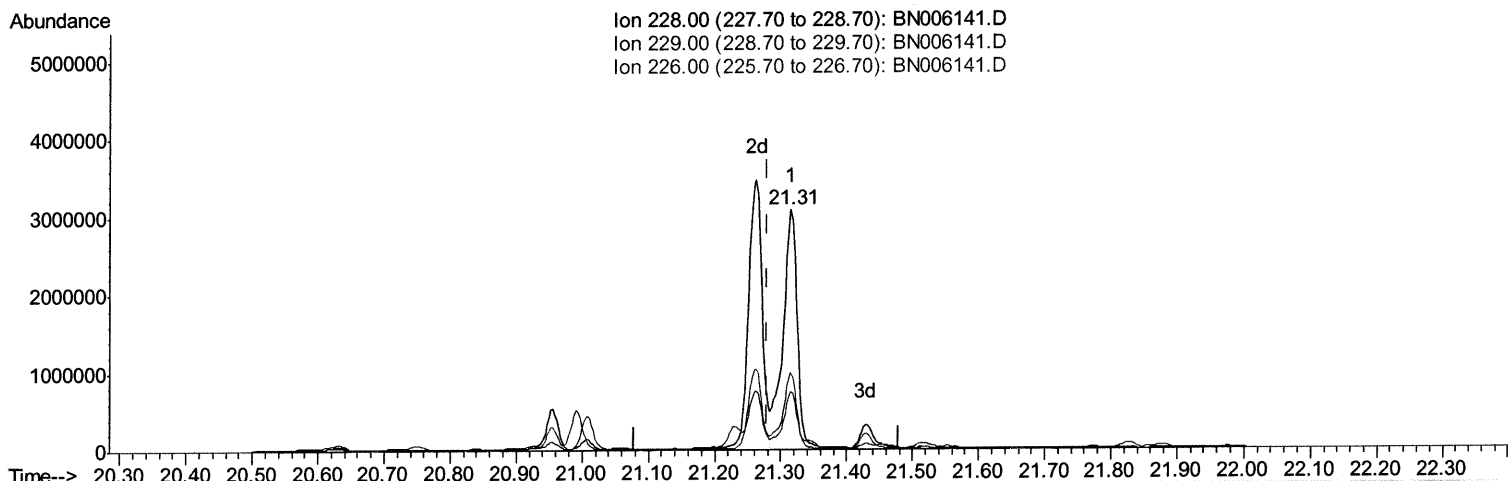
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:44:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.315min (+0.035) 40.86ng/ul

response 4627269

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	24.28
226.00	28.50	32.23
0.00	0.00	0.00

Quantitation Report (Qedit)

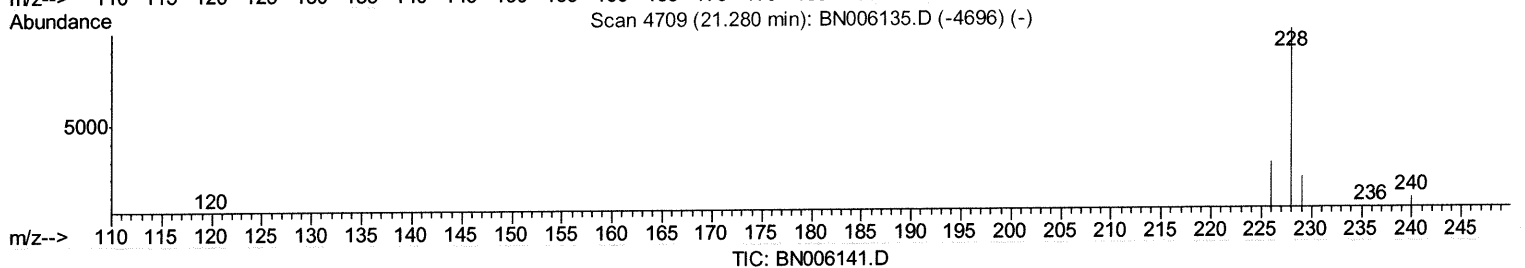
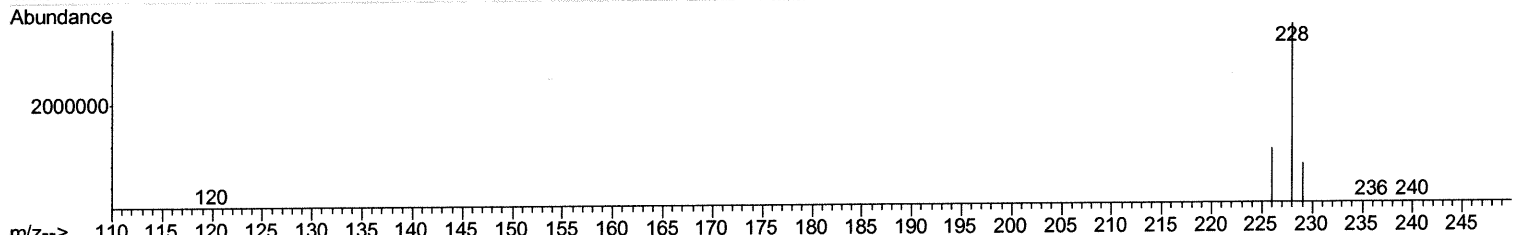
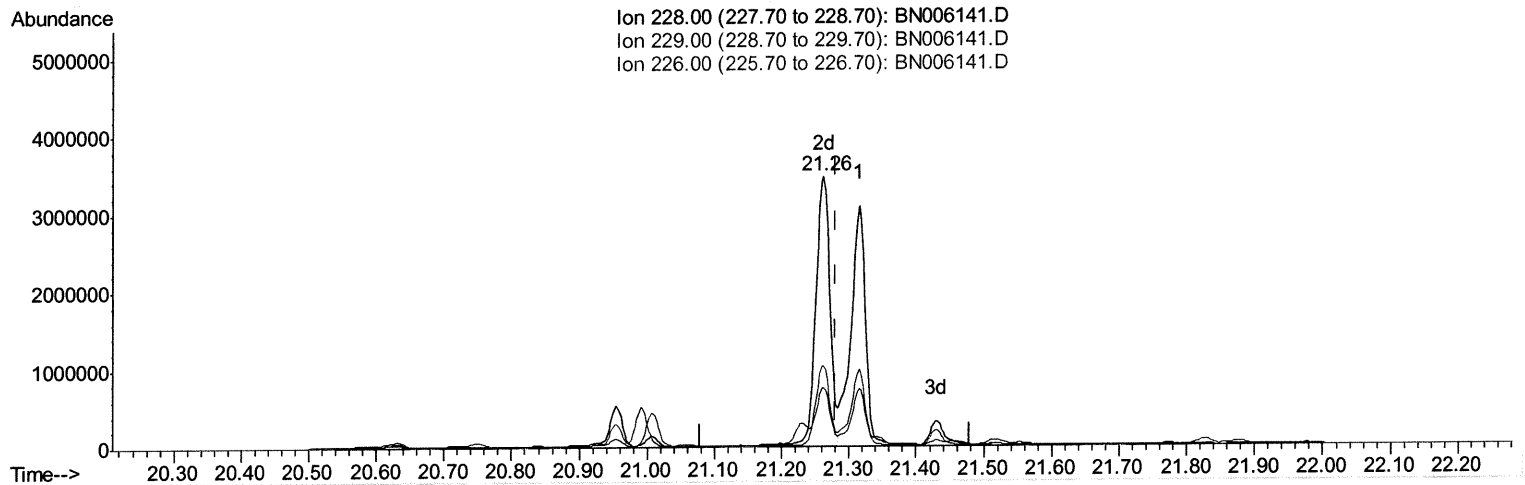
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:44:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.262min (-0.018) 44.26ng/ul m *JU 06/10/19*

response 5012102

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	21.90
226.00	28.50	30.09
0.00	0.00	0.00

Quantitation Report (Qedit)

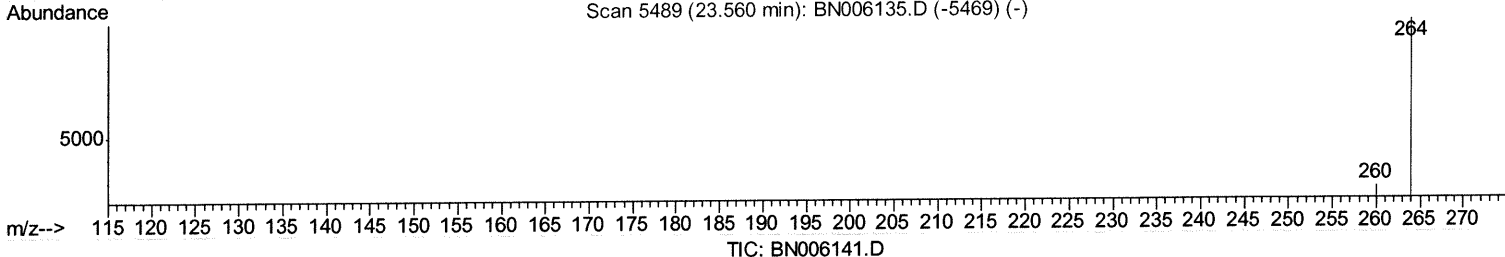
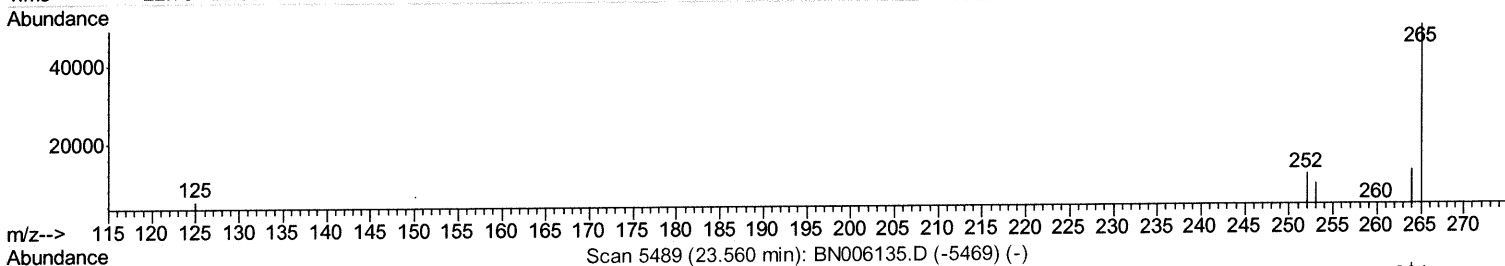
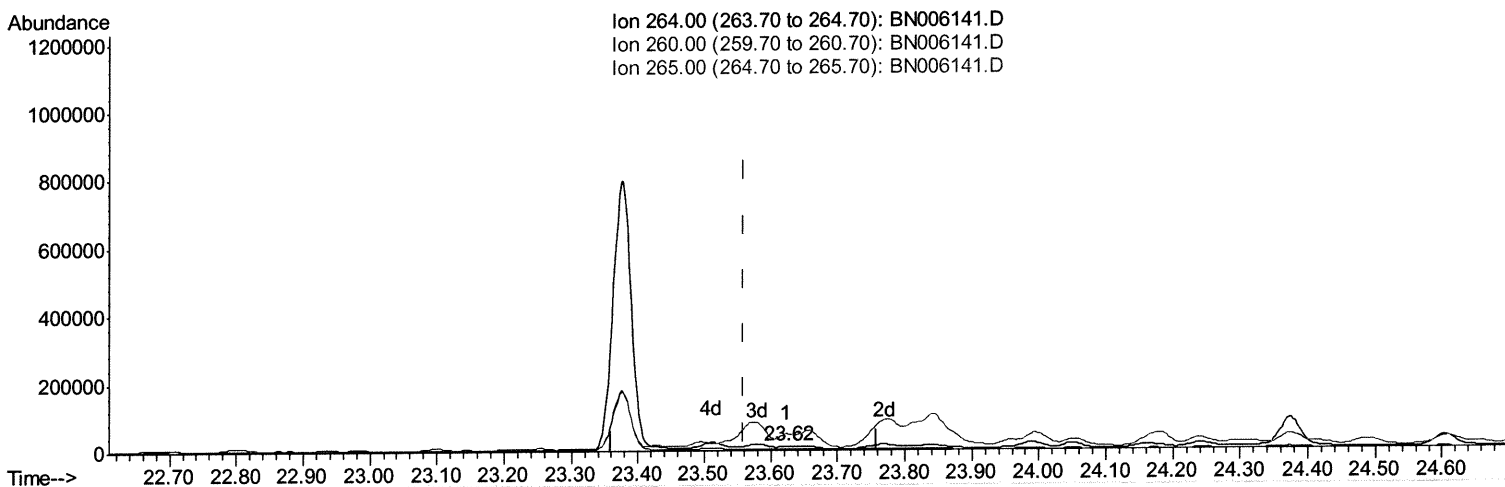
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:44:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.624min (+0.064) 0.40ng/ul

response 29667

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.55
265.00	44.70	406.96#
0.00	0.00	0.00

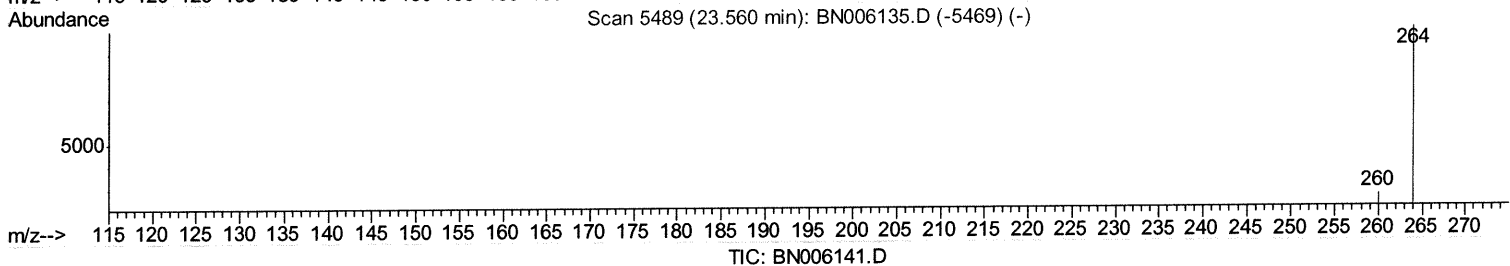
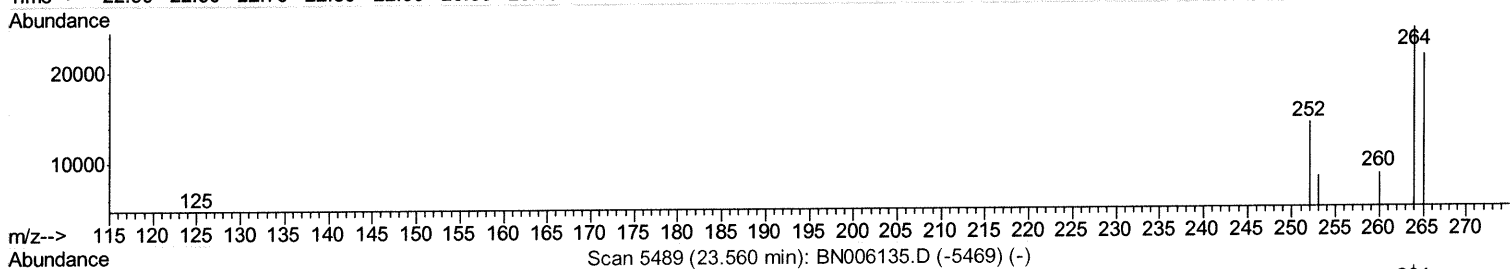
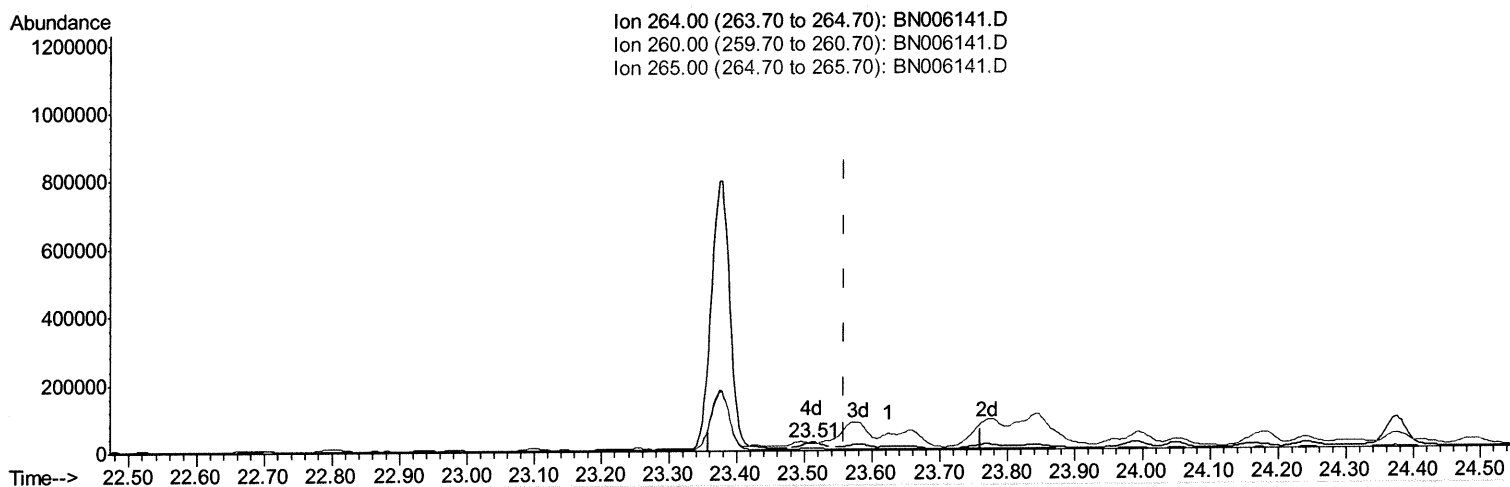
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006141.D
Acq On : 06 Jun 2019 18:16
Operator : JU/SJ
Sample : K3201-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
C0AD1

Manual Integrations
APPROVED

mohammad
6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:44:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 00:25:28 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.510min (-0.050) 0.40ng/ul m

JU
06/10/19

response 32556

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	34.48
265.00	44.70	87.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

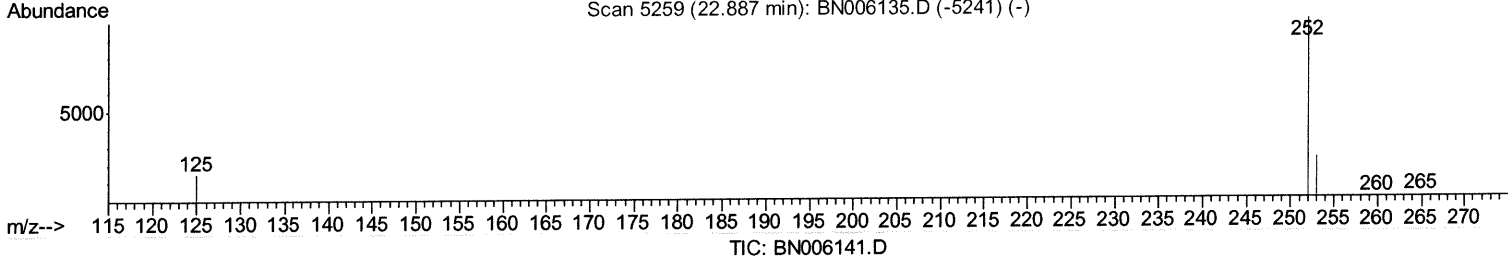
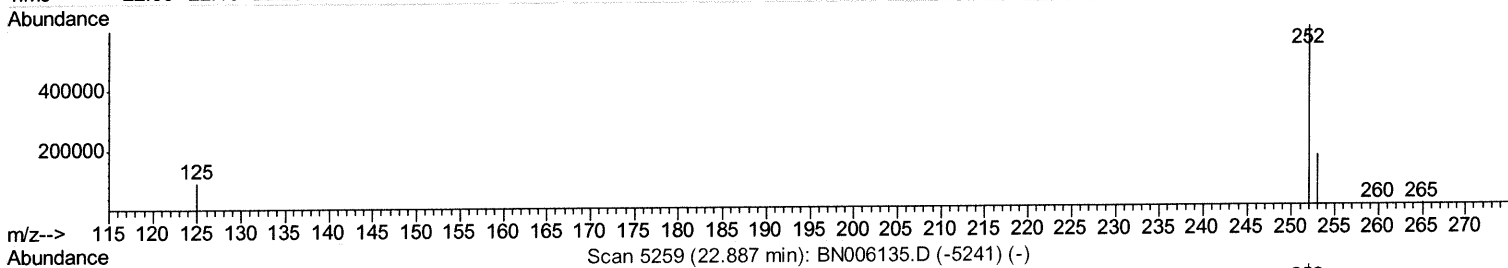
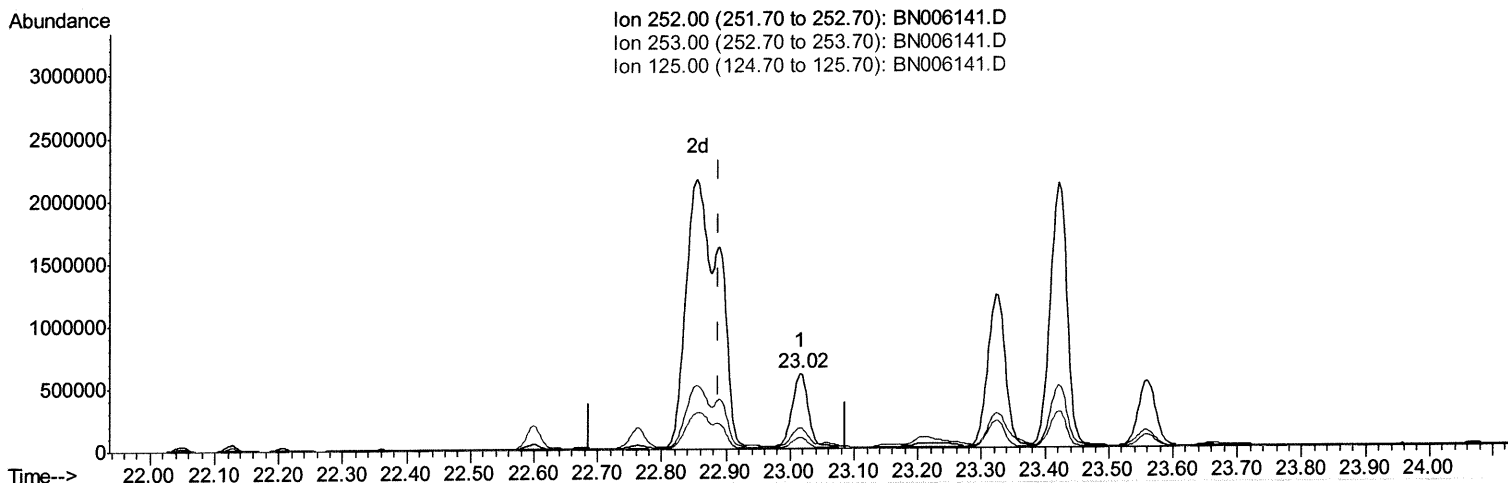
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.016min (+0.129) 7.66ng/ul

response 1040081

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	28.23
125.00	20.50	15.24
0.00	0.00	0.00

Quantitation Report (Qedit)

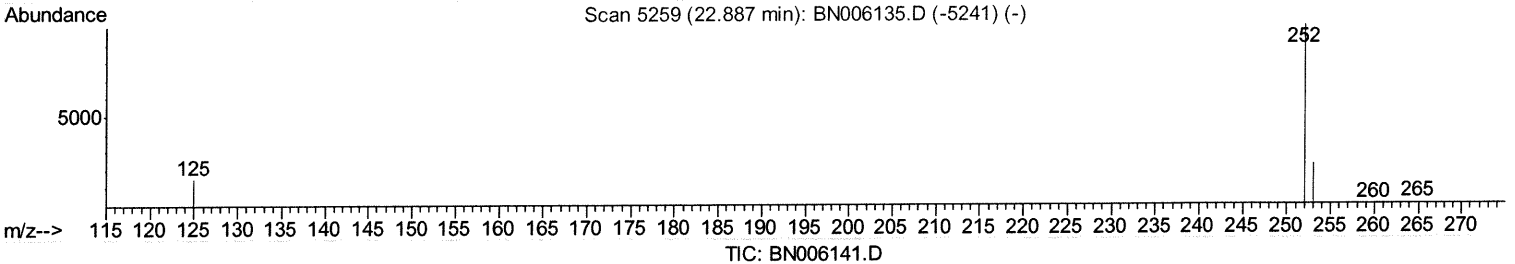
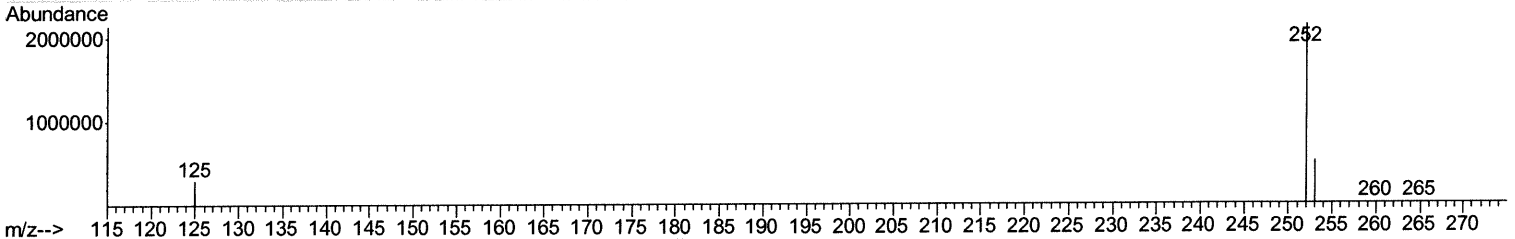
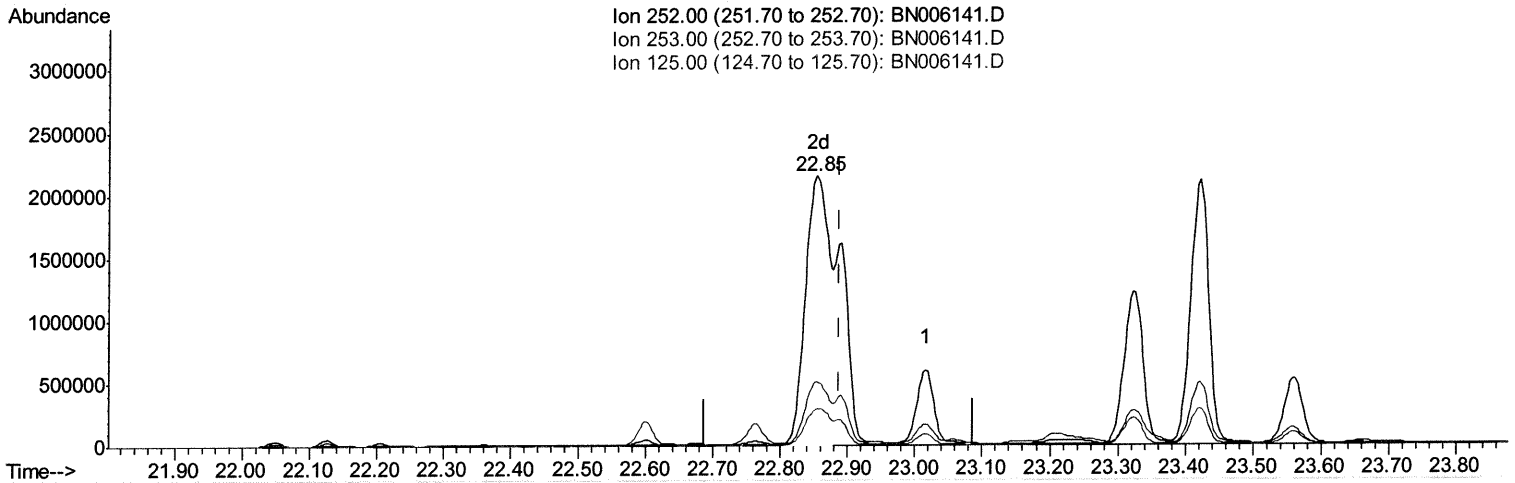
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.855min (-0.032) 39.14ng/ul m

response 5313187

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.84
125.00	20.50	13.70
0.00	0.00	0.00

Quantitation Report (Qedit)

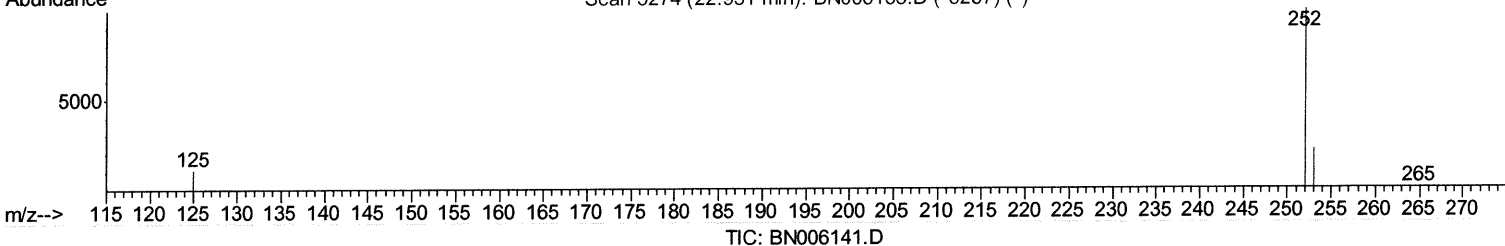
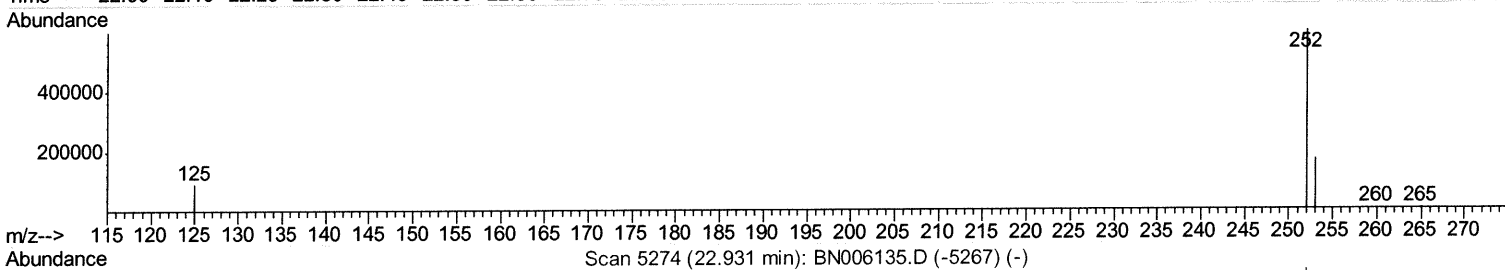
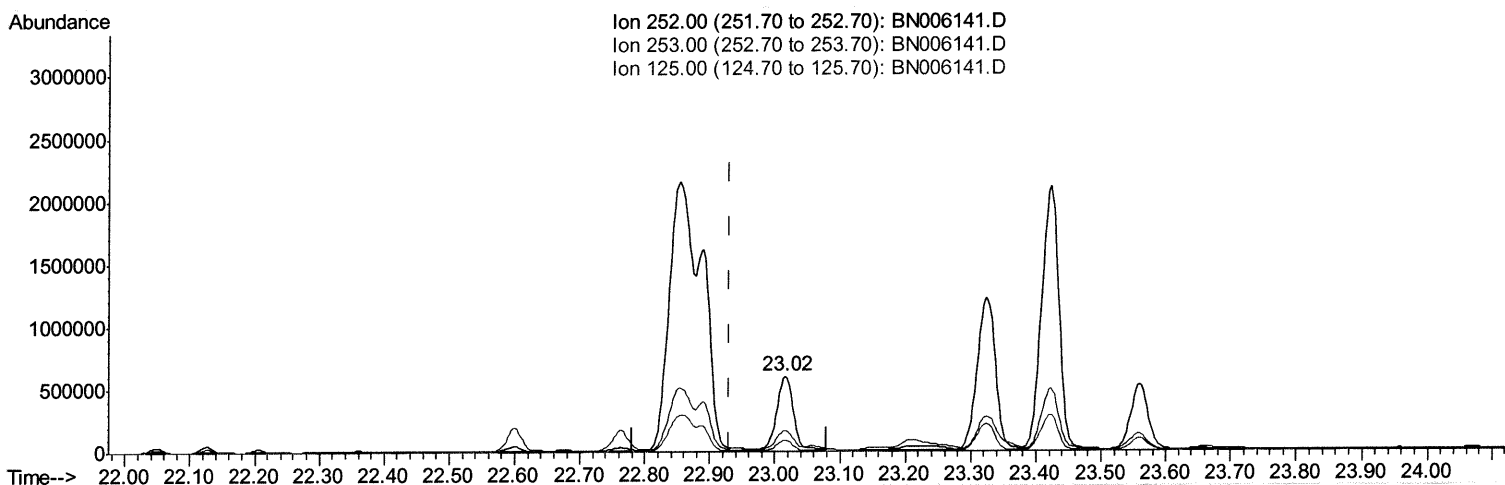
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.016min (+0.085) 7.87ng/ul

response 1040081

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	28.23
125.00	17.90	15.24
0.00	0.00	0.00

Quantitation Report (Qedit)

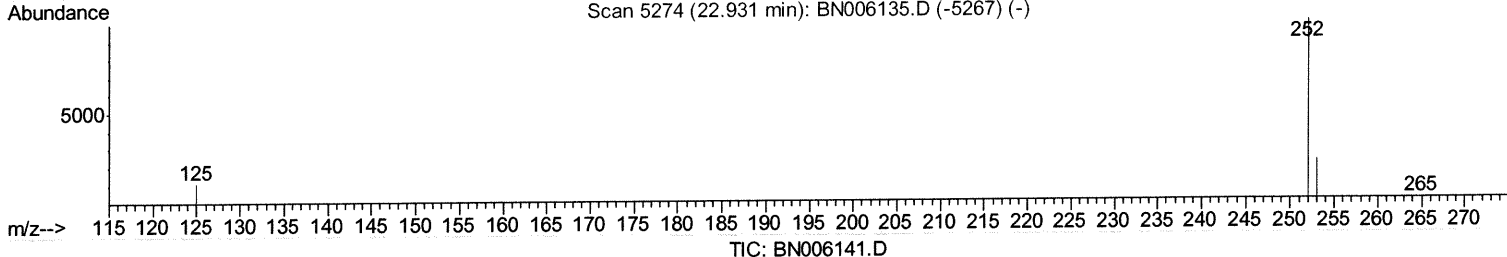
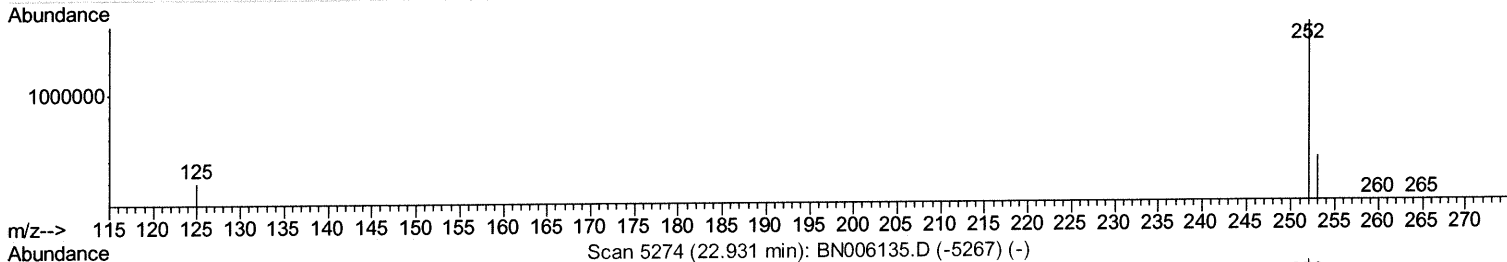
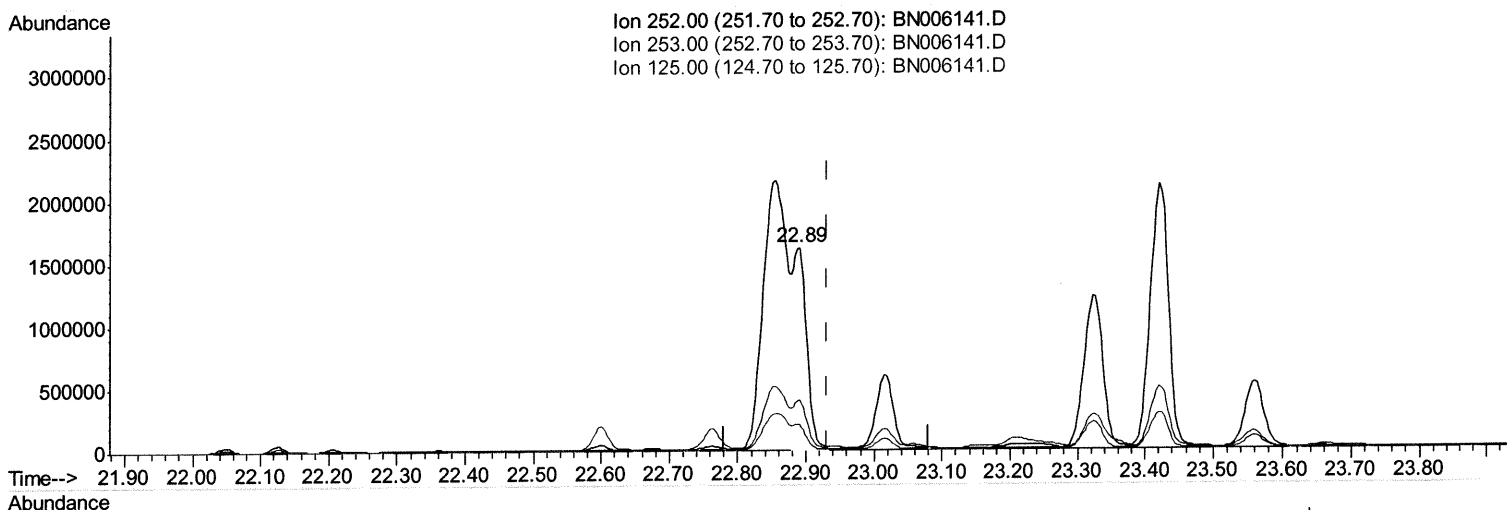
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
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Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.890min (-0.041) 16.85ng/ul m

JU
 06/10/19

response 2227788

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	24.53
125.00	17.90	12.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

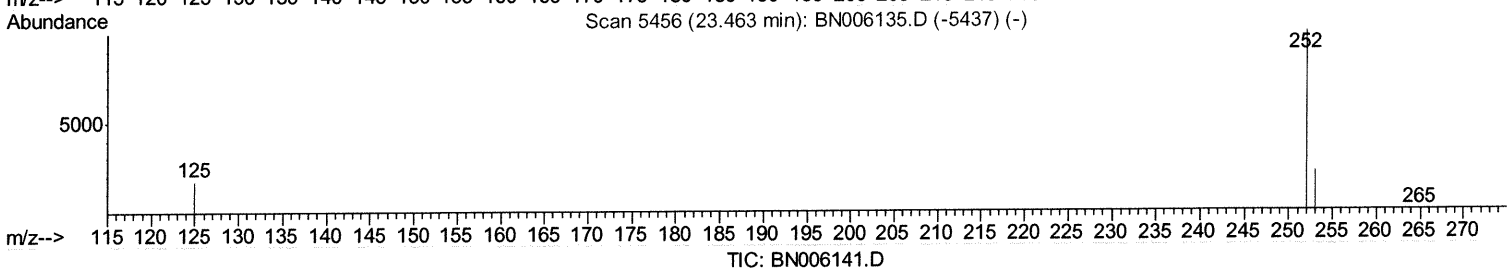
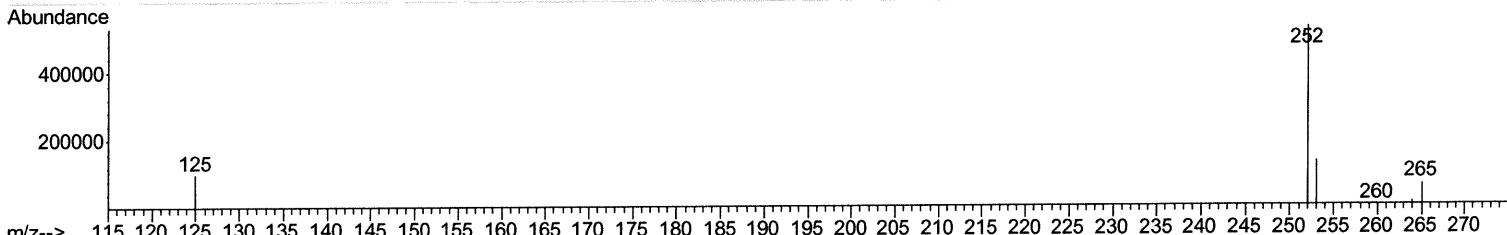
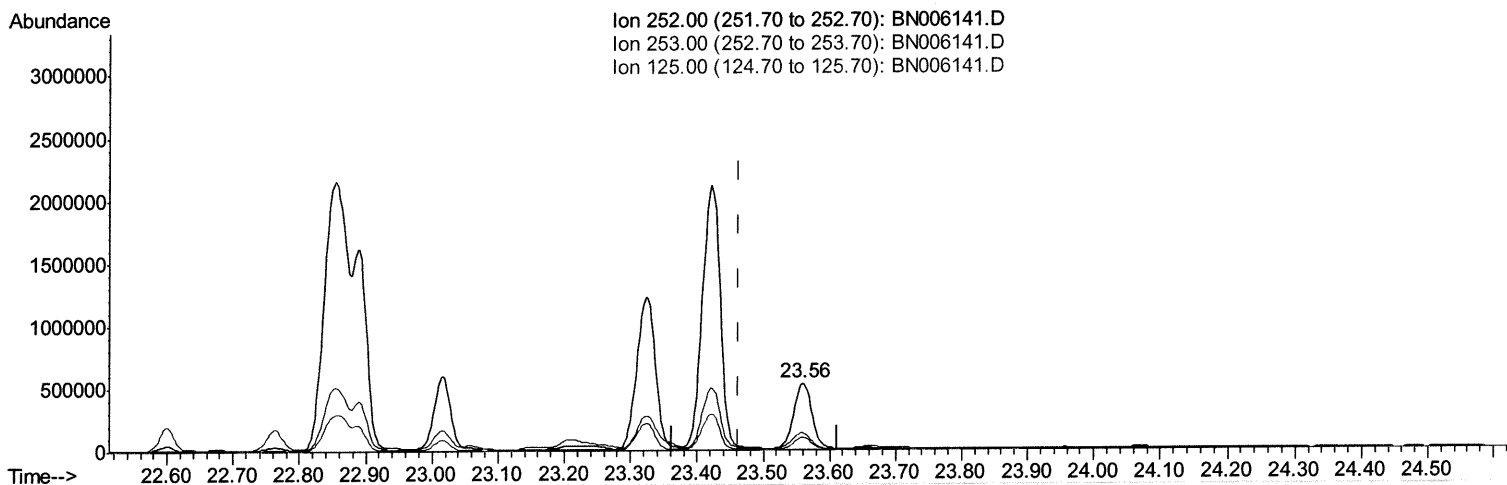
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.560min (+0.096) 7.75ng/ul

response 980033

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	25.14
125.00	25.40	18.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

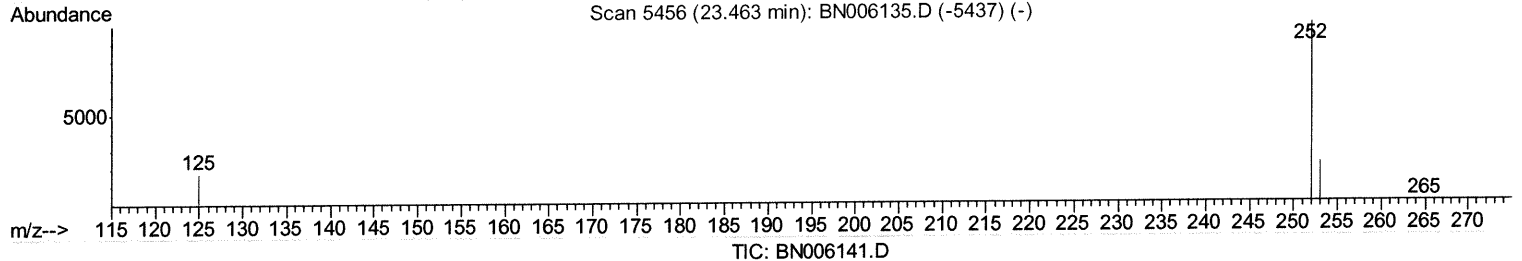
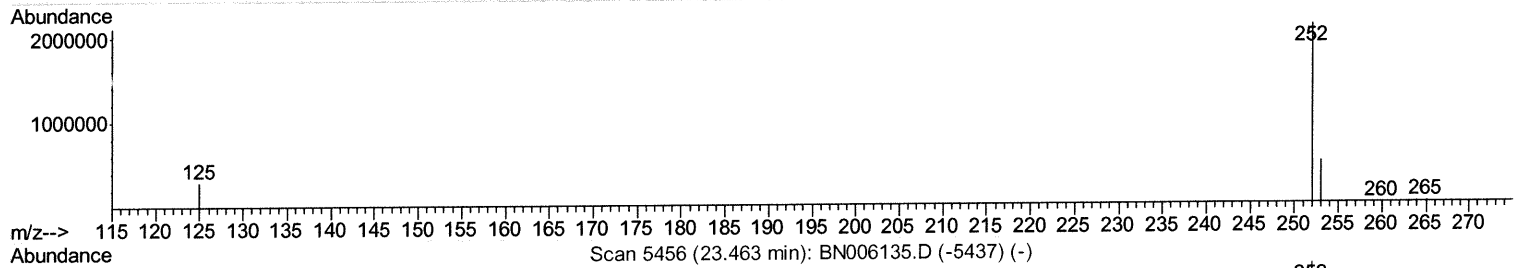
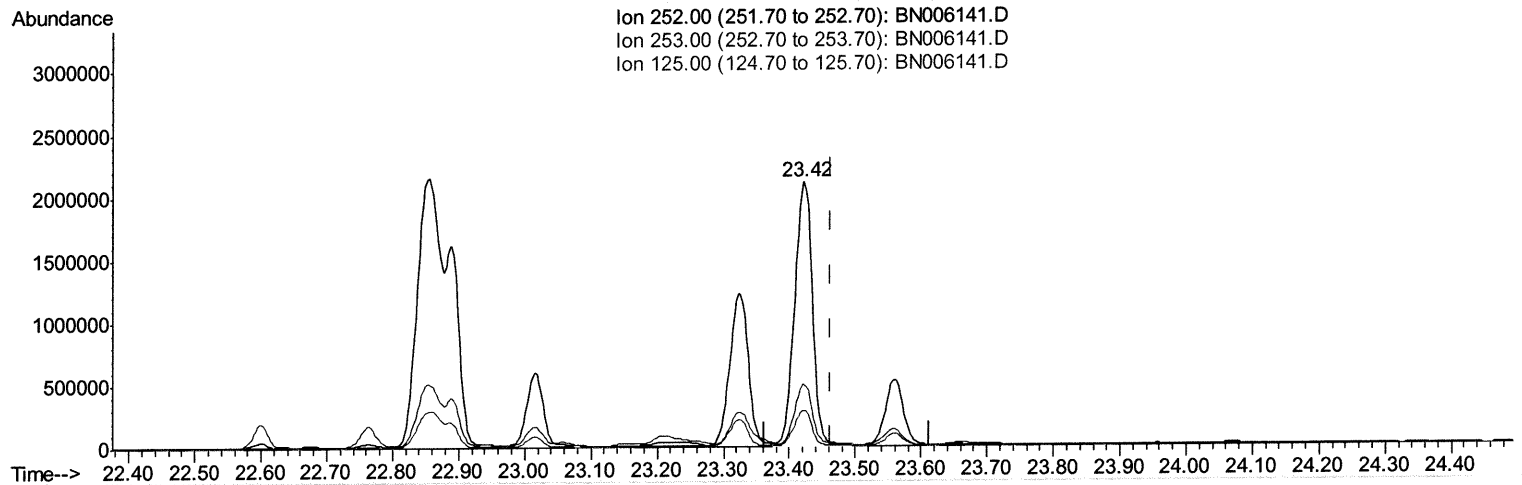
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.422min (-0.041) 31.71ng/ul m

response 4008628

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.60
125.00	25.40	13.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

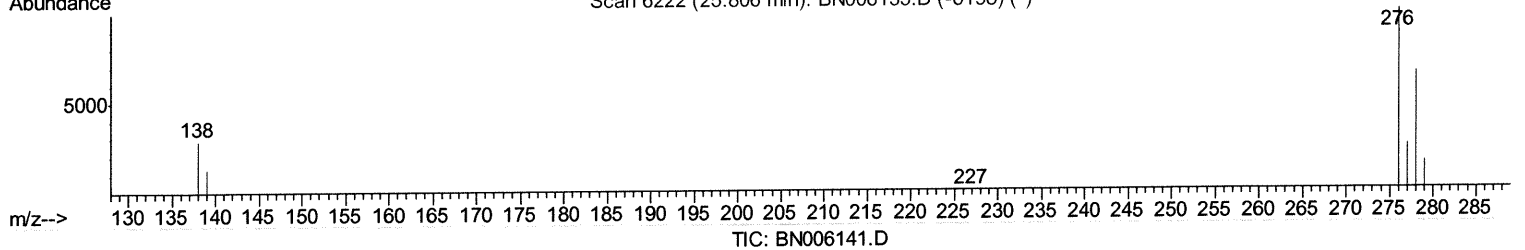
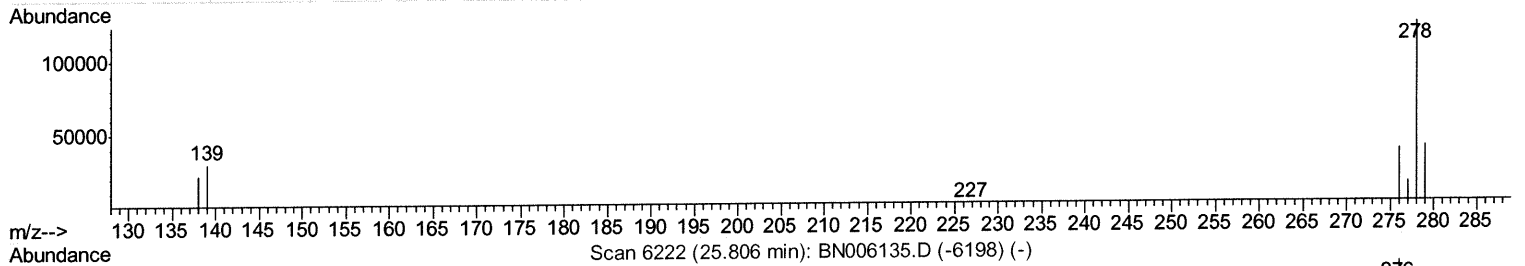
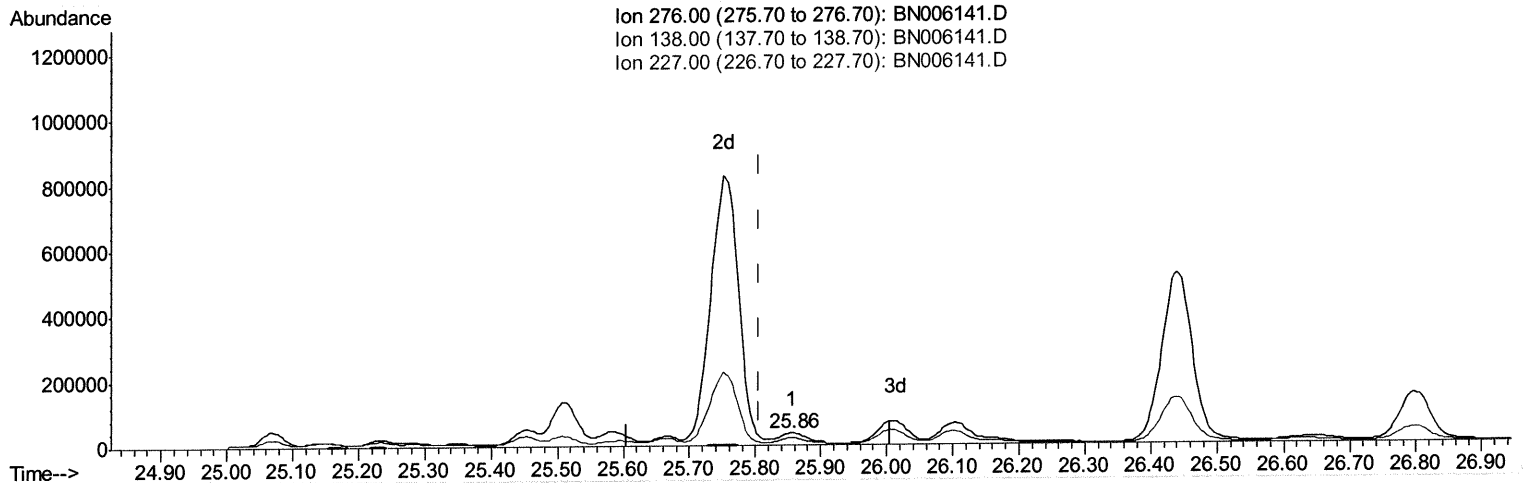
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene
 25.856min (+0.050) 0.63ng/ul
 response 86775

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	61.19#
227.00	0.40	1.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

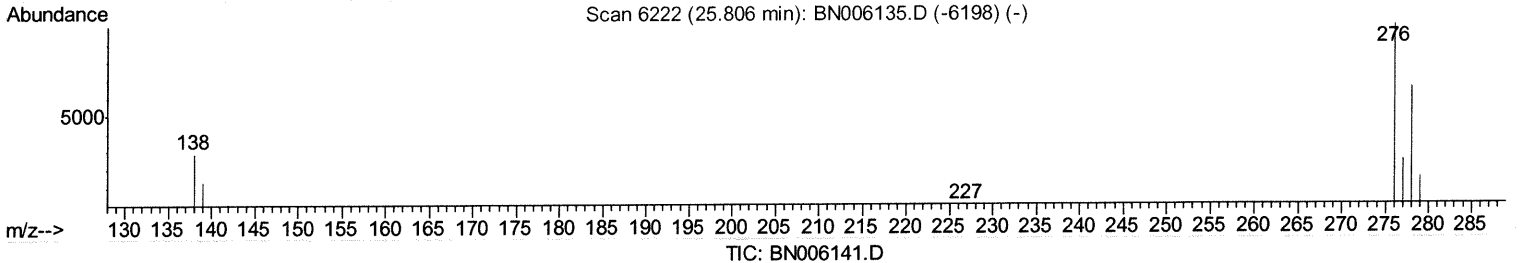
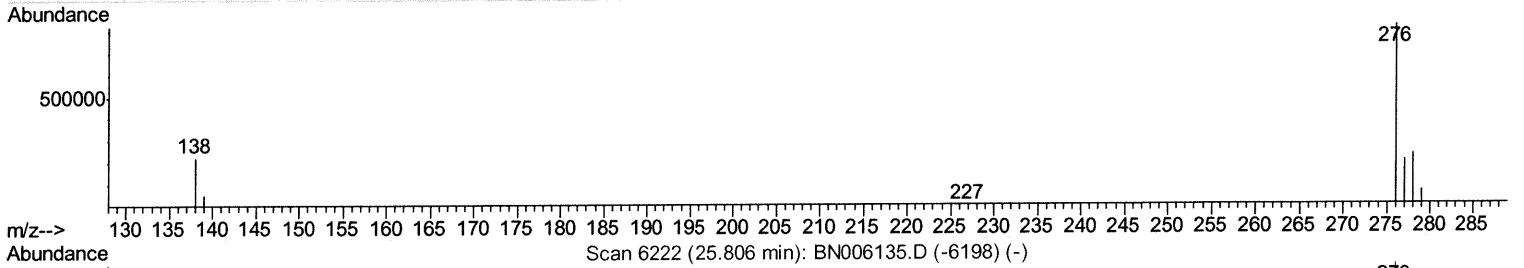
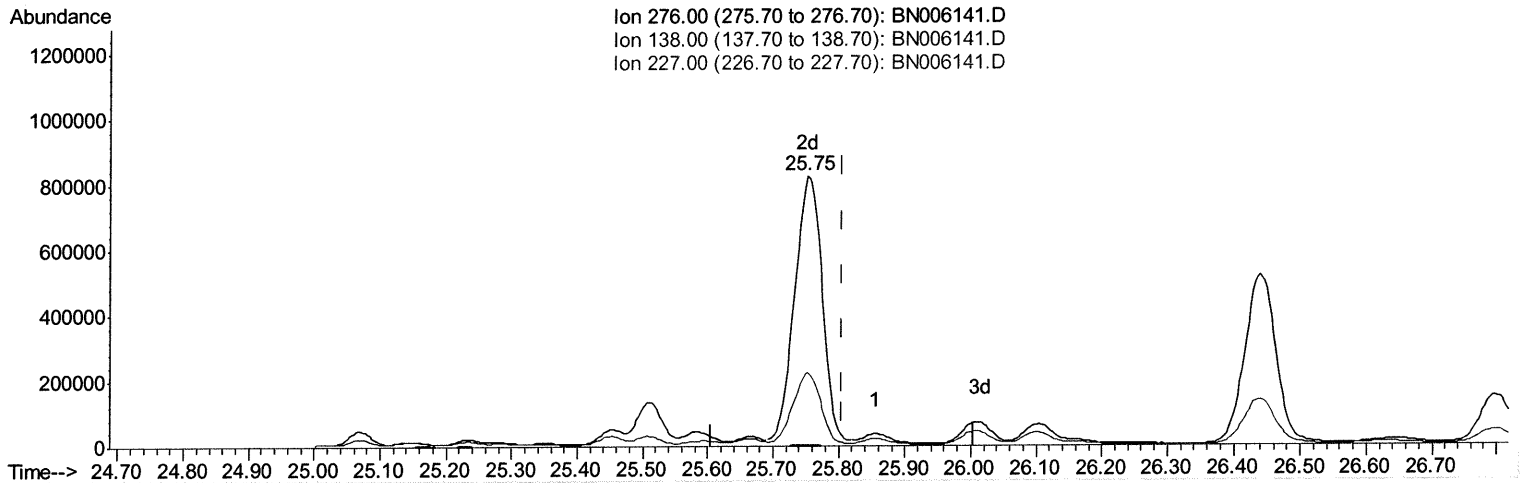
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



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

25.752min (-0.054) 16.99ng/ul m

JU
 06/10/19

response 2325717

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.28#
227.00	0.40	0.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

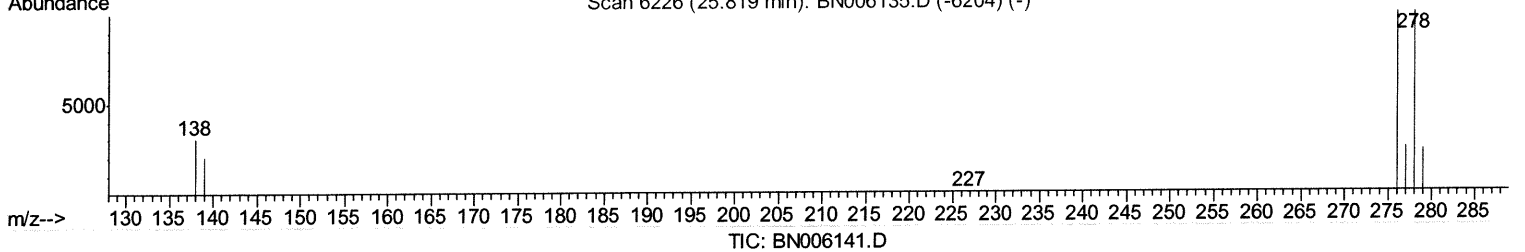
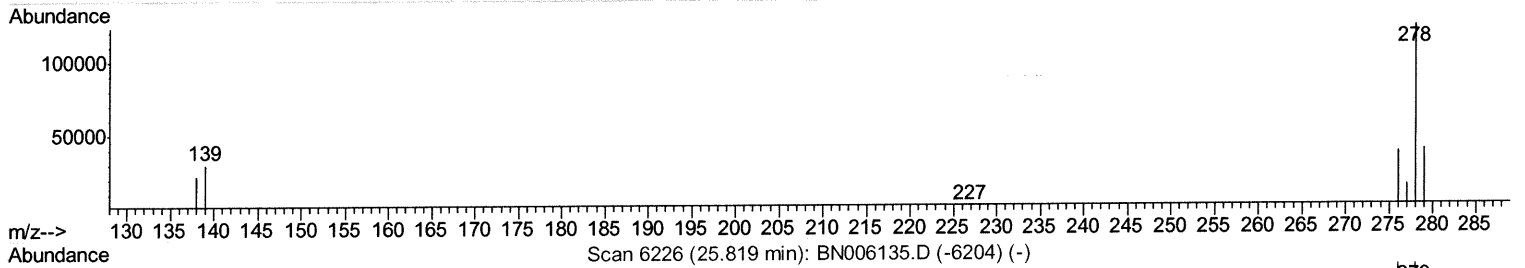
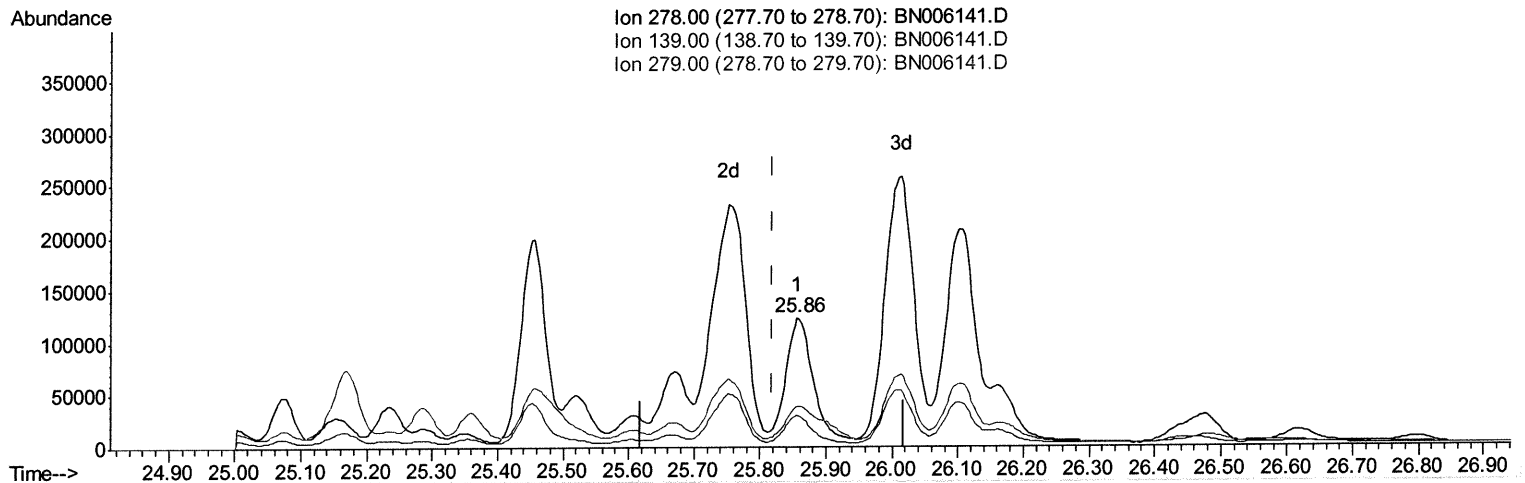
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.856min (+0.037) 2.90ng/ul

response 317696

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	24.60
279.00	28.20	31.71
0.00	0.00	0.00

Quantitation Report (Qedit)

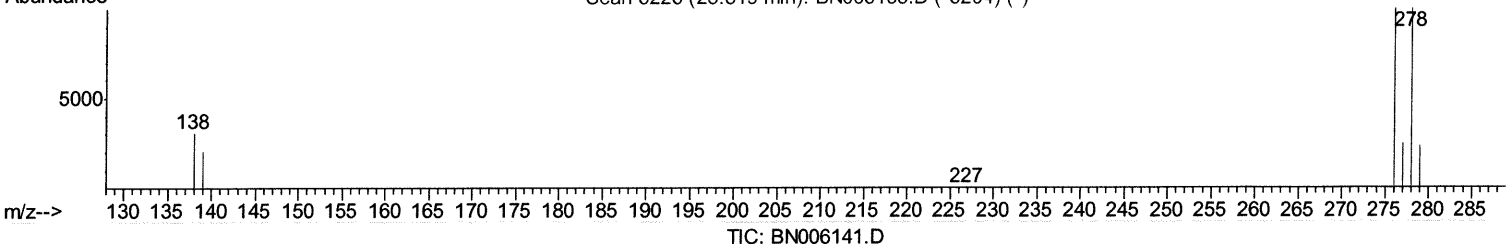
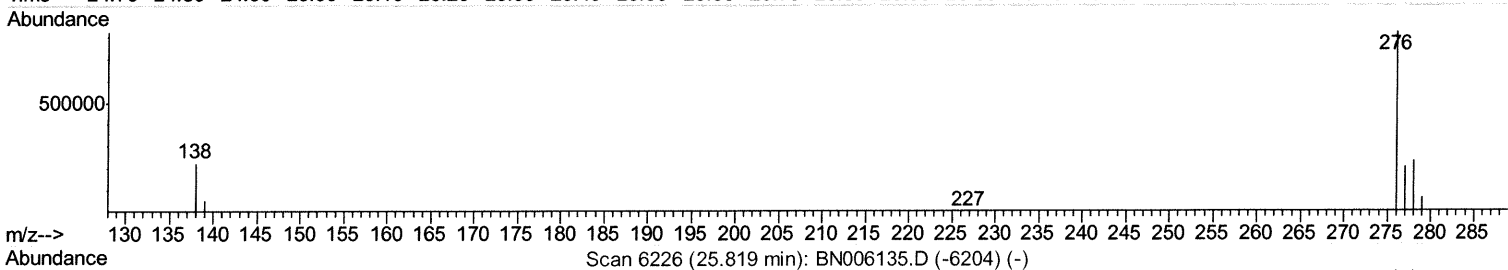
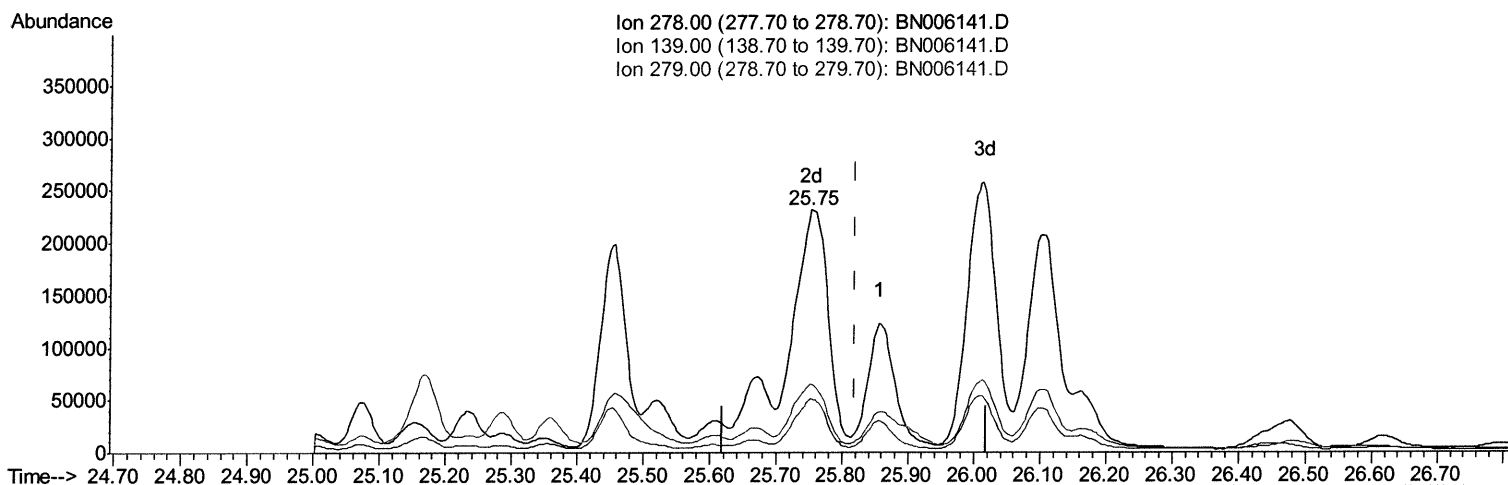
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.752min (-0.067) 6.97ng/ul m

JU
 06/10/19

response 762353

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	22.45
279.00	28.20	28.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:47:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	10586	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	41409	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	23812	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	42553m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	25604m>	0.40	ng/ul	-0.02
20) Perylene-d12	23.51	264	32556m>	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	13934	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	32027m>	0.28	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	176560	1.545	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	144848	1.819	ng/ul	100
7) Acenaphthylene	14.02	152	312964	2.365	ng/ul	99
8) Acenaphthene	14.36	153	591936	6.447	ng/ul	99
9) Fluorene	15.36	166	738991	6.879	ng/ul	98
12) Phenanthrene	17.10	178	8045367m>	58.899	ng/ul	
13) Anthracene	17.19	178	2914766m>	22.344	ng/ul	
15) Fluoranthene	19.14	202	9370076m>	62.122	ng/ul	
17) Pyrene	19.50	202	8033161	59.563	ng/ul	94
18) Benzo(a)anthracene	21.26	228	5012102m>	44.260	ng/ul	
19) Chrysene	21.31	228	4627269	43.526	ng/ul	96
21) Benzo(b)fluoranthene	22.85	252	5313187m>	39.139	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	2227788m>	16.848	ng/ul	
23) Benzo(a)pyrene	23.42	252	4008628m>	31.706	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	2325717m>	16.995	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	762353m>	6.968	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	1657399	14.460	ng/ul	94

Ju 06/10/19

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