

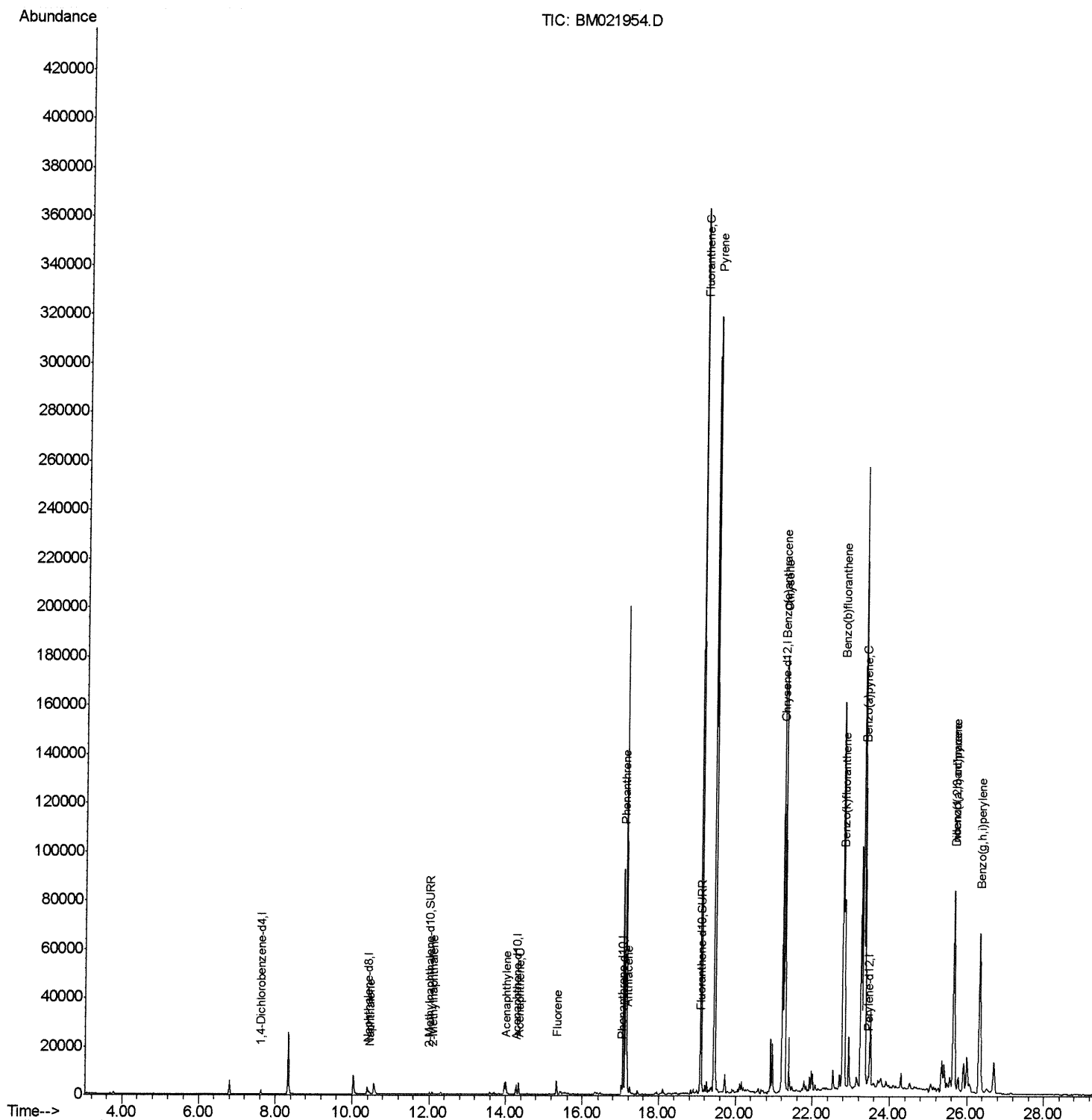
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:31:42 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



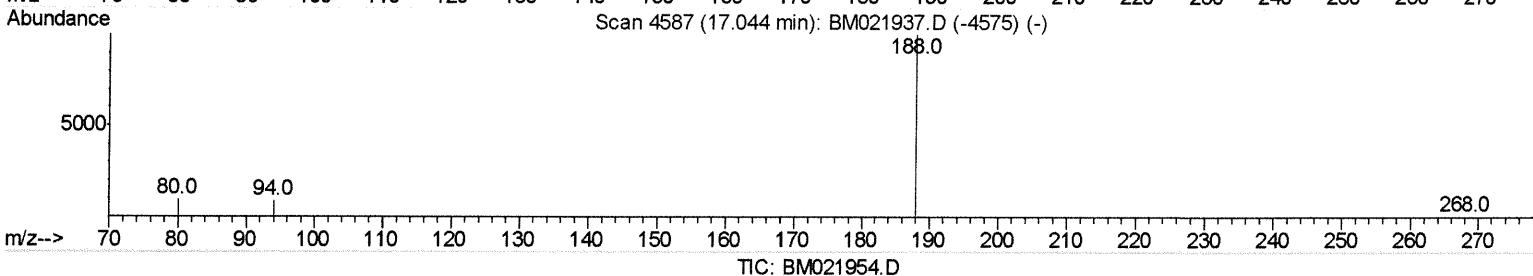
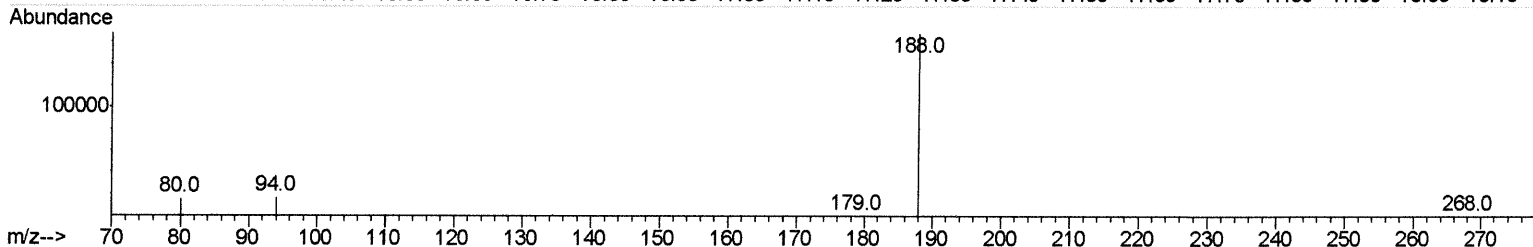
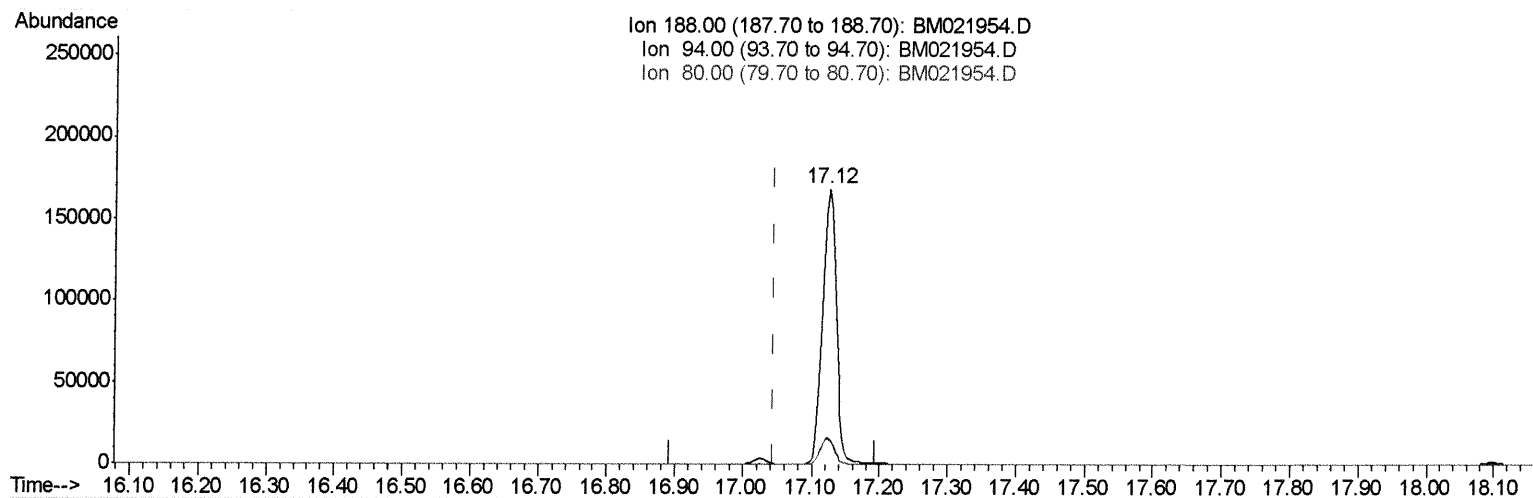
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 05:57:11 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.124min (+0.080) 0.40ng/ui

response 228698

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.68
80.00	11.40	9.15
0.00	0.00	0.00

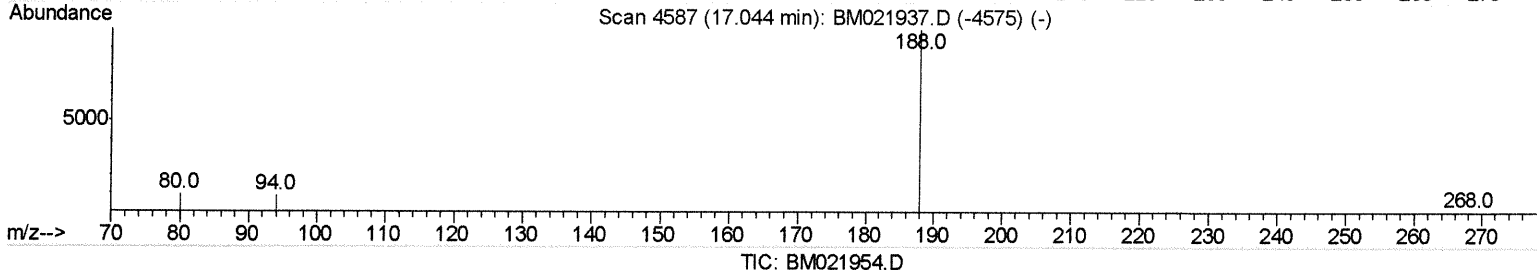
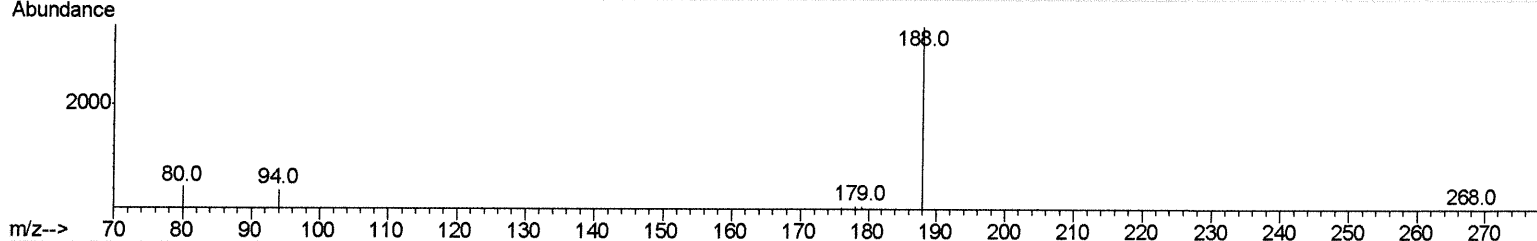
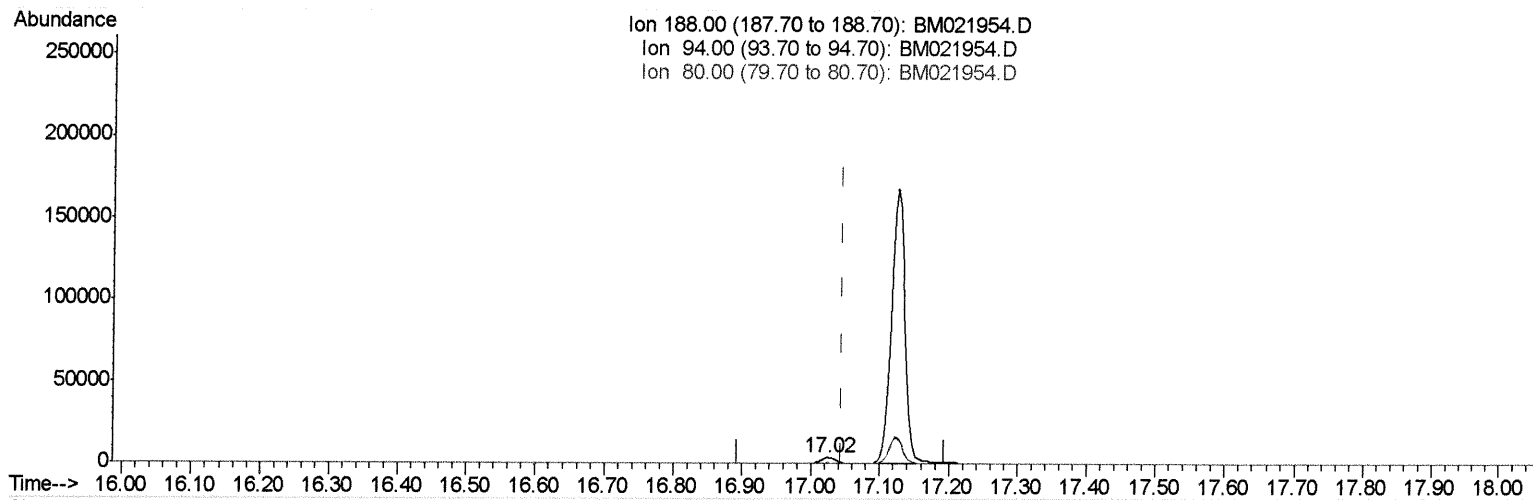
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 05:57:11 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.023min (-0.021) 0.40ng/ul m

JU
 08/09/19

response 4609

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.87
80.00	11.40	12.64
0.00	0.00	0.00

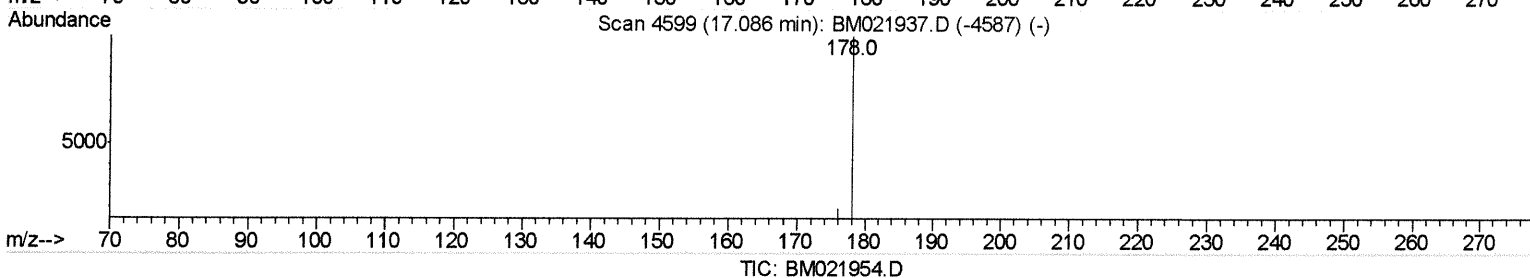
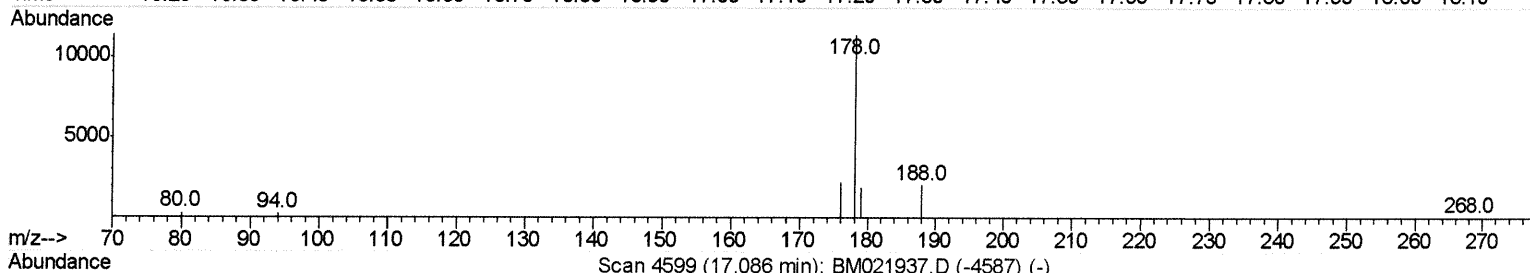
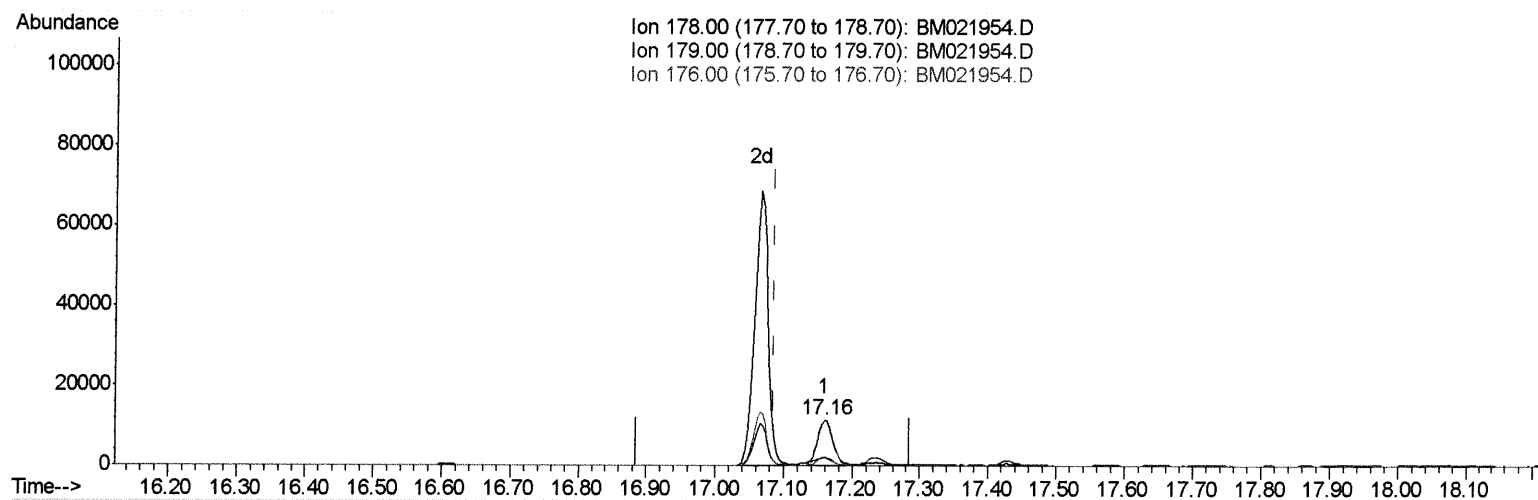
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(12) Phenanthrene

17.159min (+0.073) 1.25ng/ul

response 16752

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	17.15
176.00	21.00	19.44
0.00	0.00	0.00

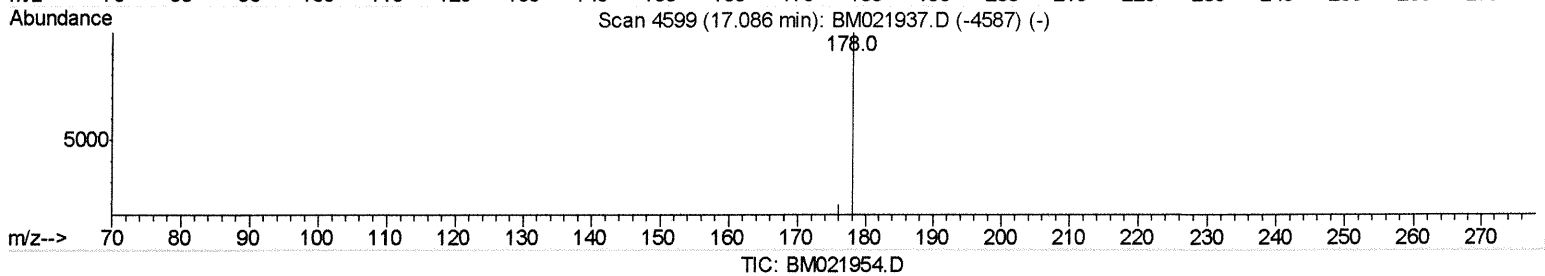
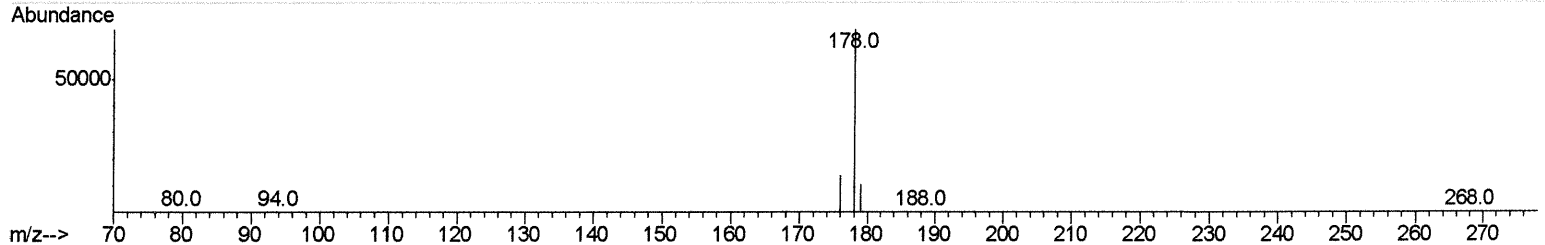
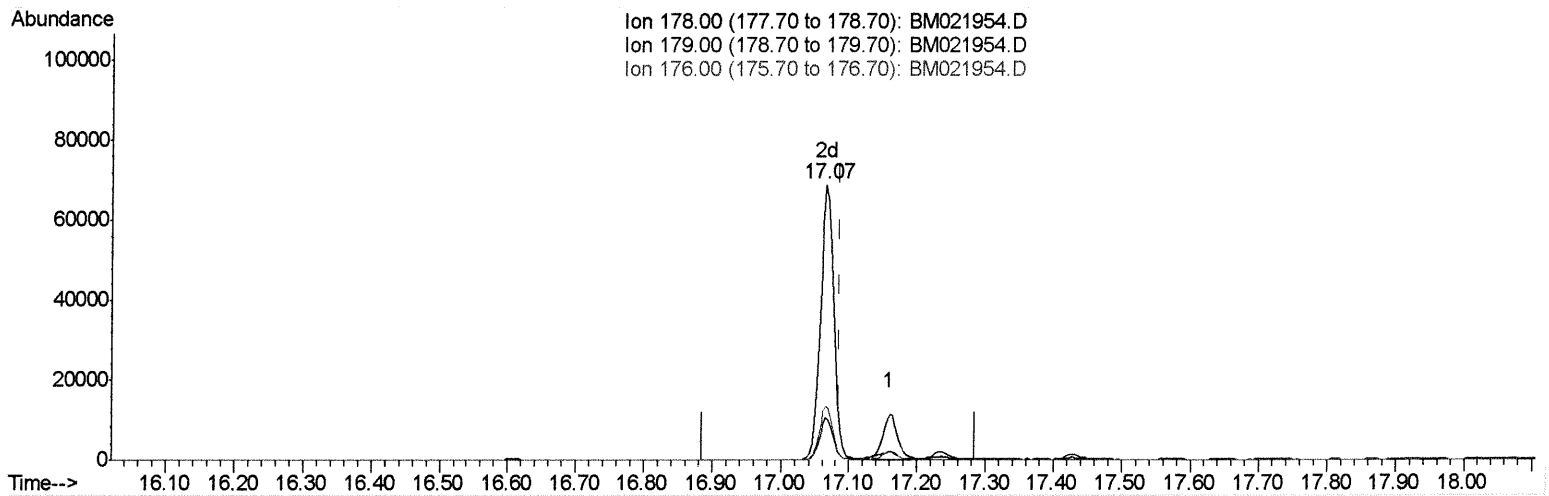
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(12) Phenanthrene

17.065min (-0.021) 6.97ng/ul m *JU 08/09/19*

response 93414

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.33
176.00	21.00	19.64
0.00	0.00	0.00

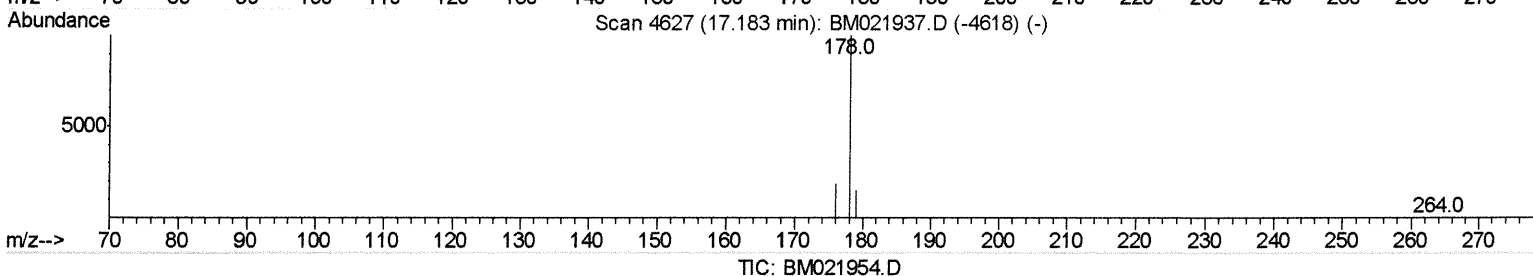
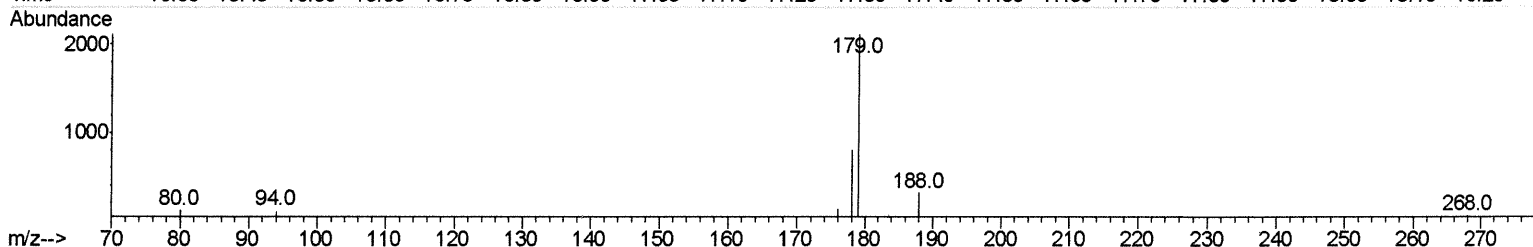
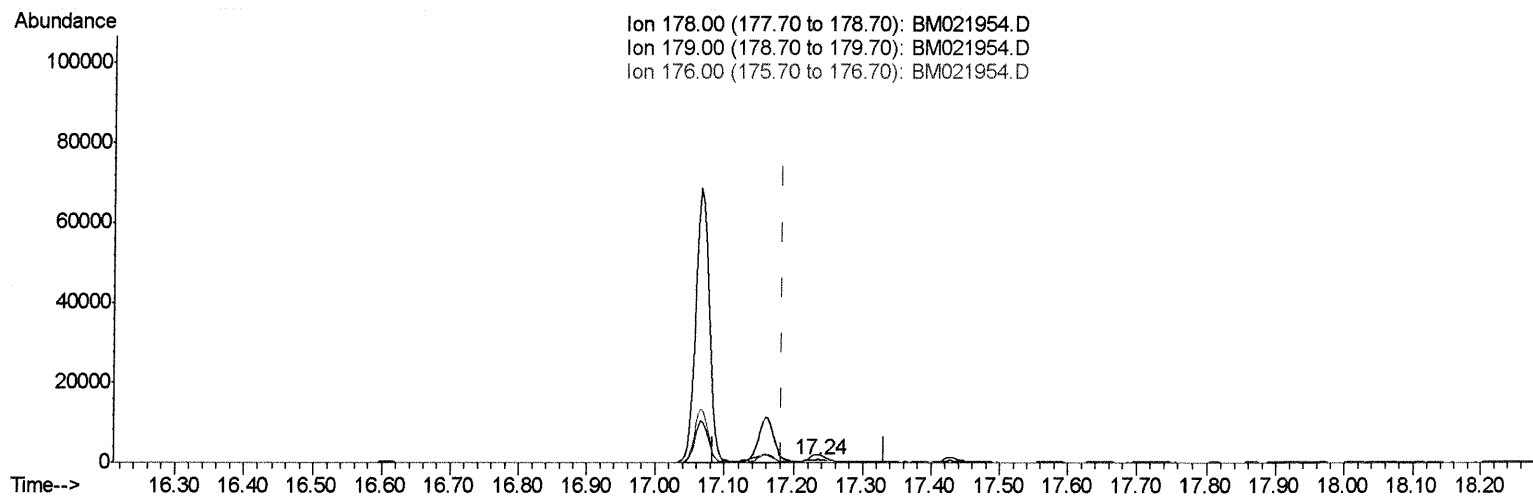
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(13) Anthracene

17.235min (+0.052) 0.09ng/ul

response 1002

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	262.81#
176.00	20.80	16.92
0.00	0.00	0.00

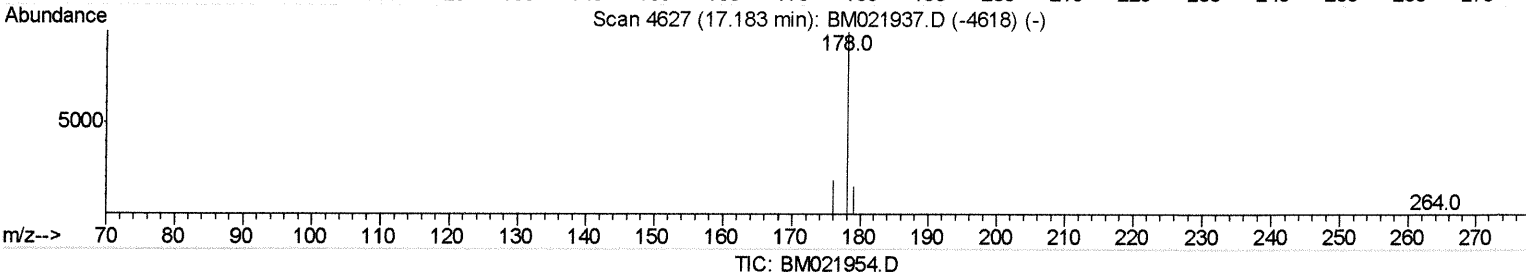
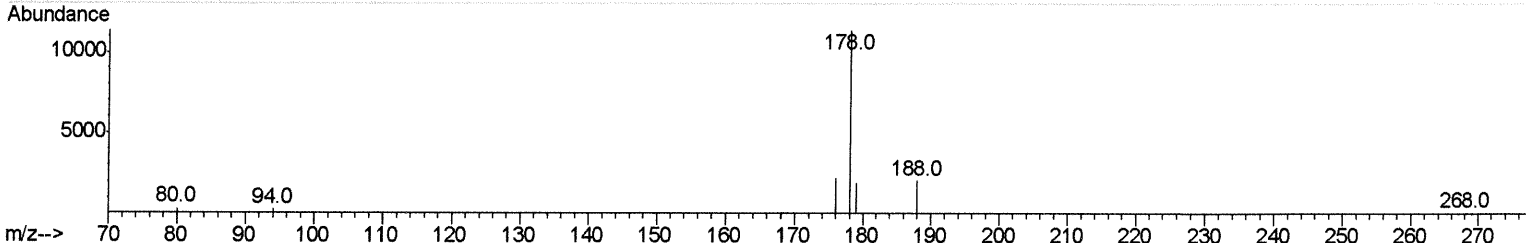
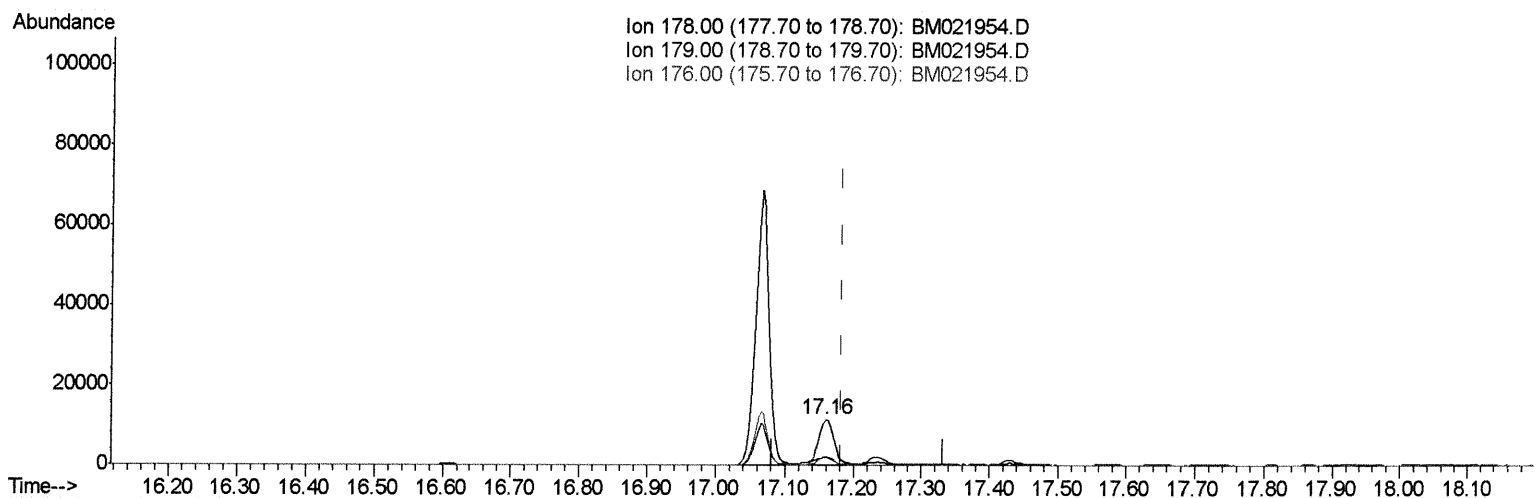
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(13) Anthracene

17.159min (-0.024) 1.44ng/ul m *Ju 08/09/19*

response 16491

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	17.15
176.00	20.80	19.44
0.00	0.00	0.00

TIC: BM021954.D

Quantitation Report (Qedit)

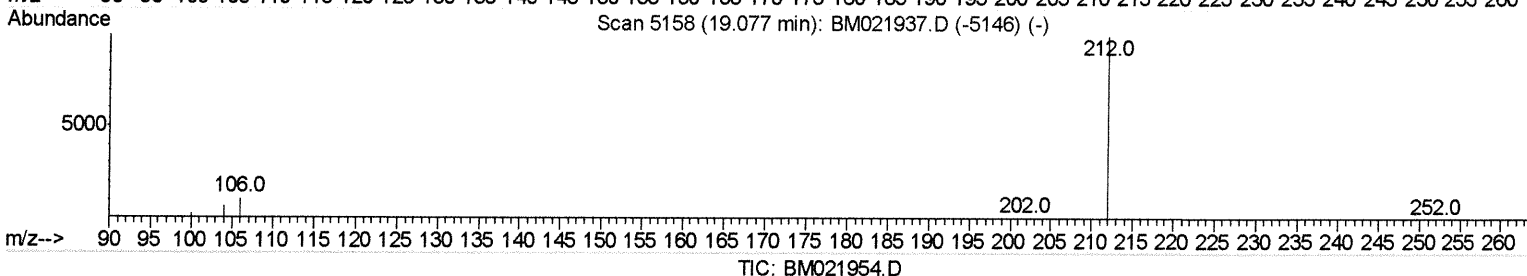
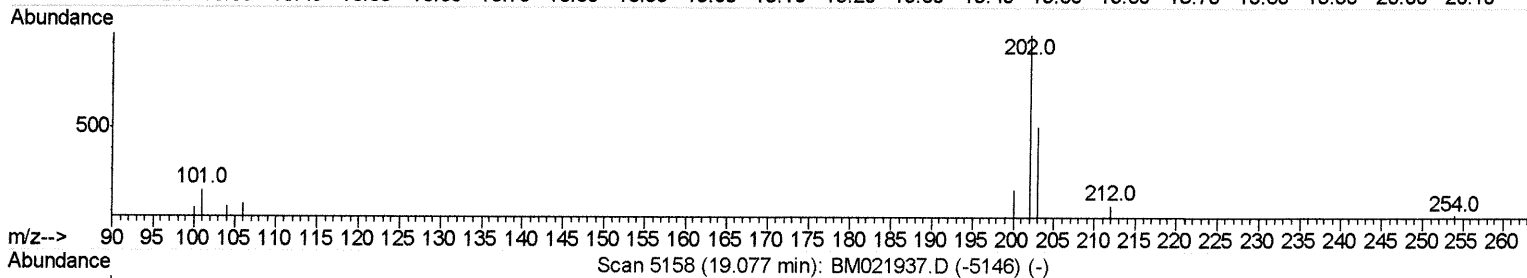
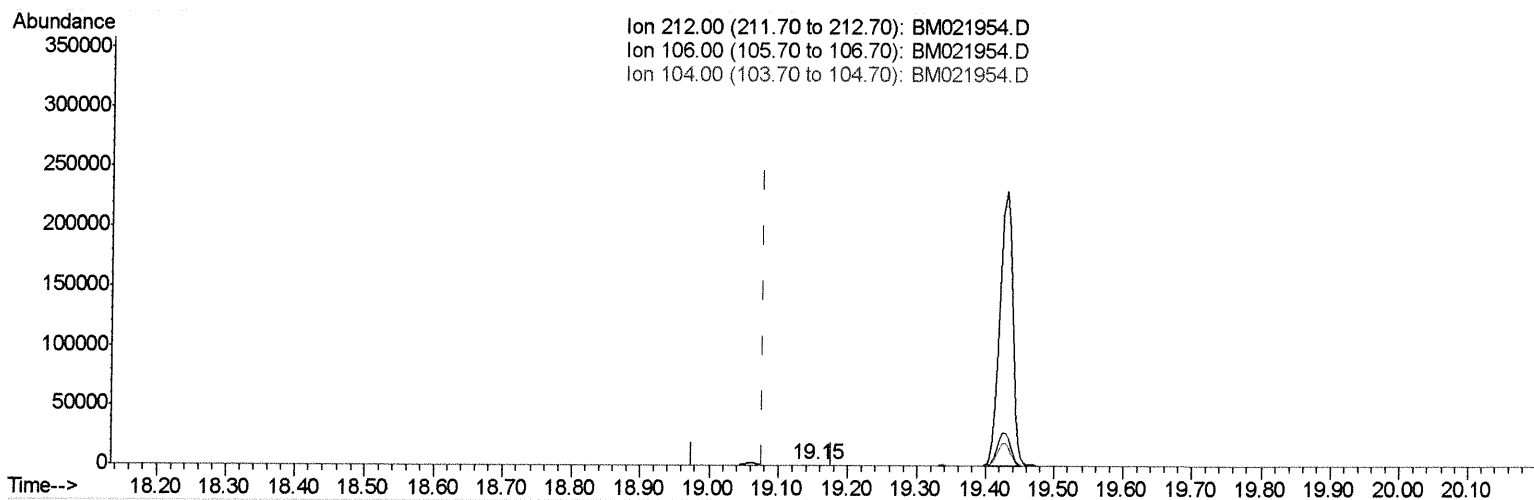
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENZ1

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.154min (+0.076) 0.00ng/ul

response 63

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	12.70#
104.00	6.00	68.25#
0.00	0.00	0.00

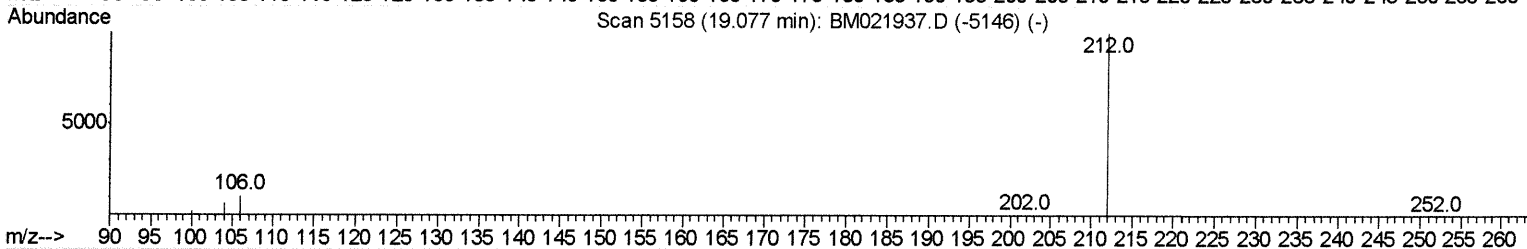
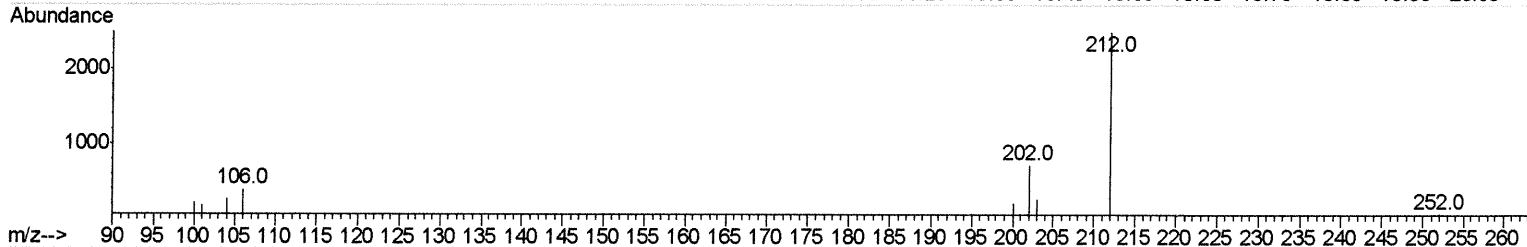
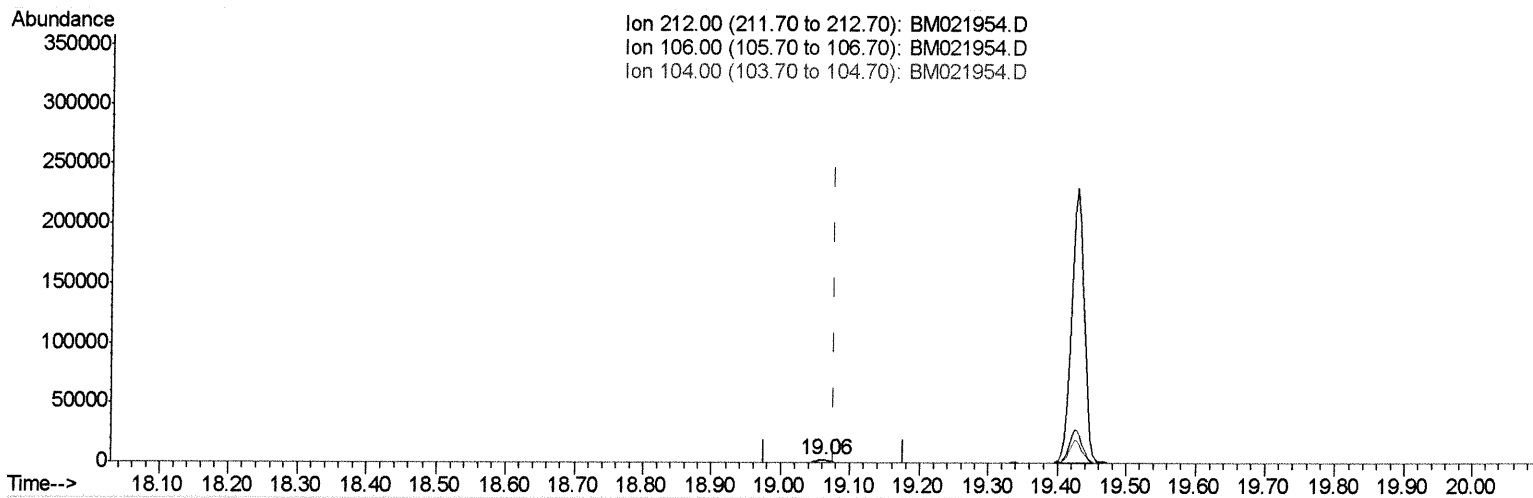
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



TIC: BM021954.D

(14) Fluoranthene-d10 (SURR)

19.062min (-0.015) 0.20ng/ul m

JU
08/09/19

response 3125

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.26#
104.00	6.00	1.38#
0.00	0.00	0.00

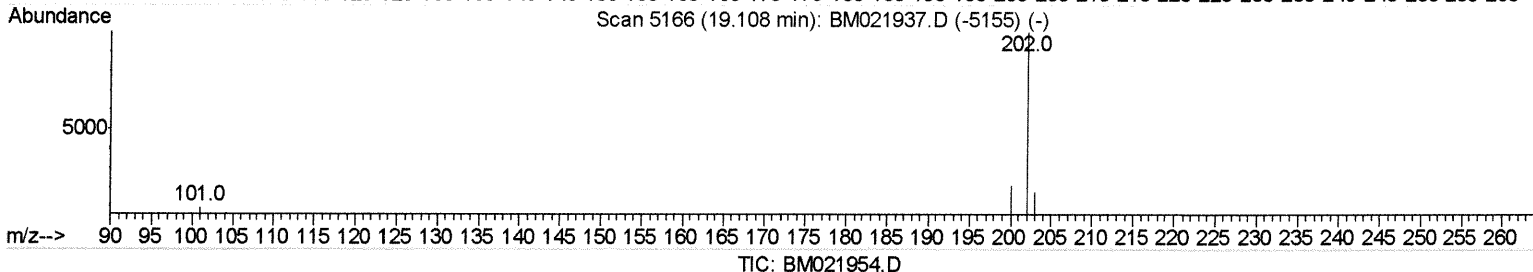
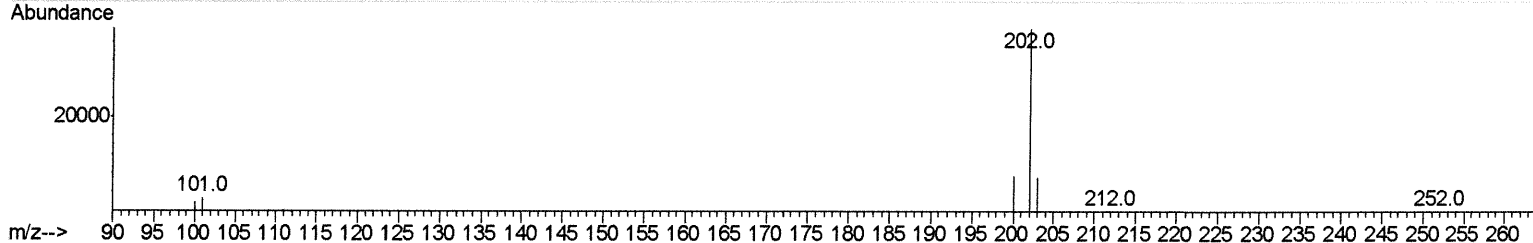
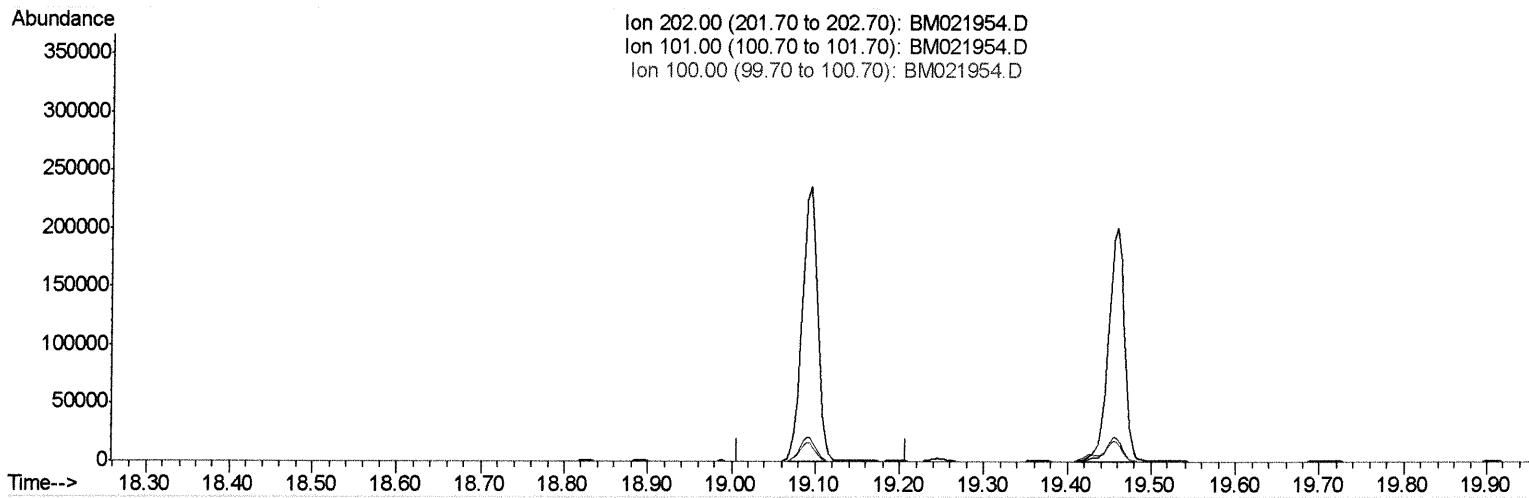
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.108min (-19.108) 0.00ng/ui

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

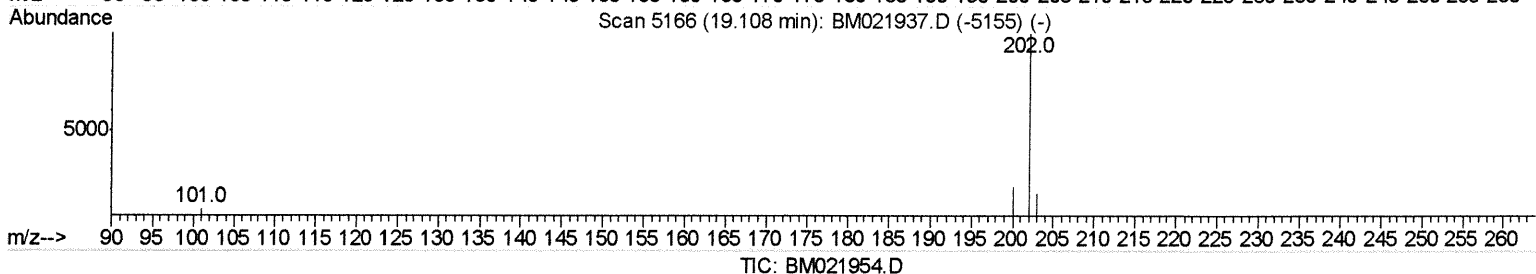
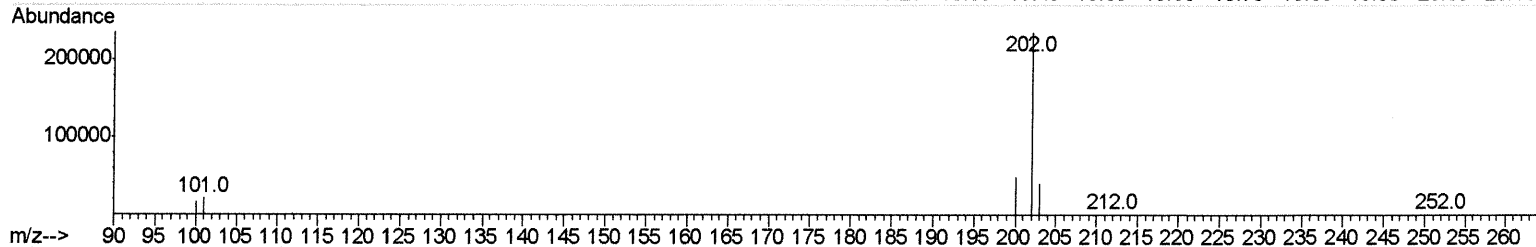
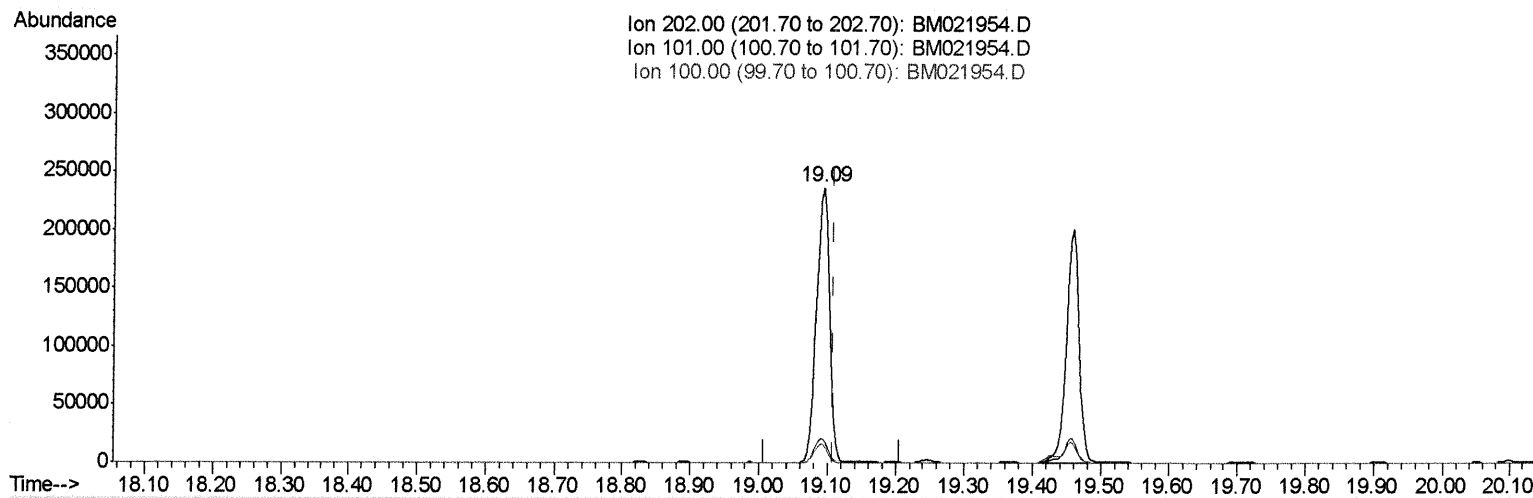
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.093min (-0.015) 17.11ng/ul m

JU
08/09/19

response 307371

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.65
100.00	8.10	6.77
0.00	0.00	0.00

Quantitation Report (Qedit)

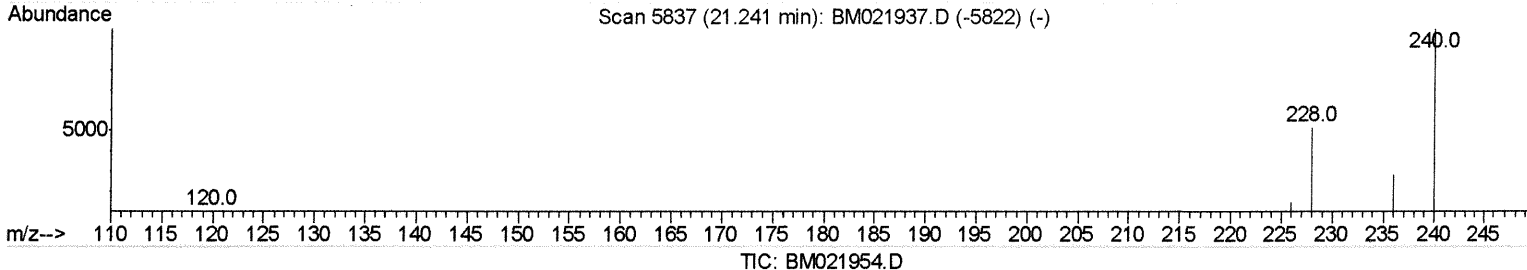
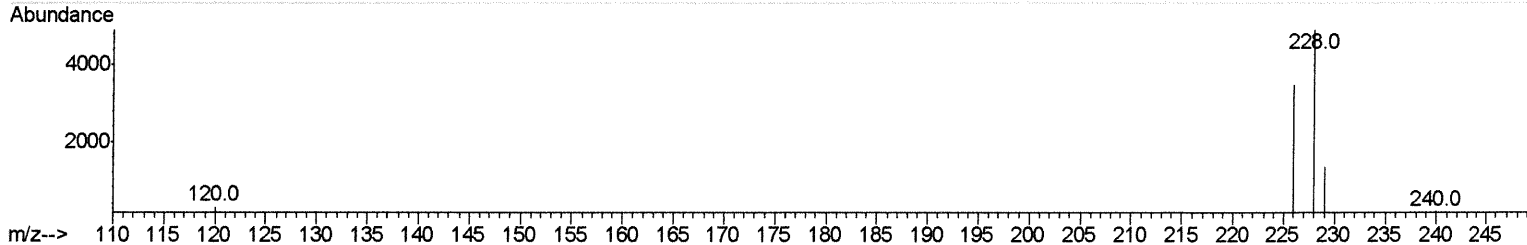
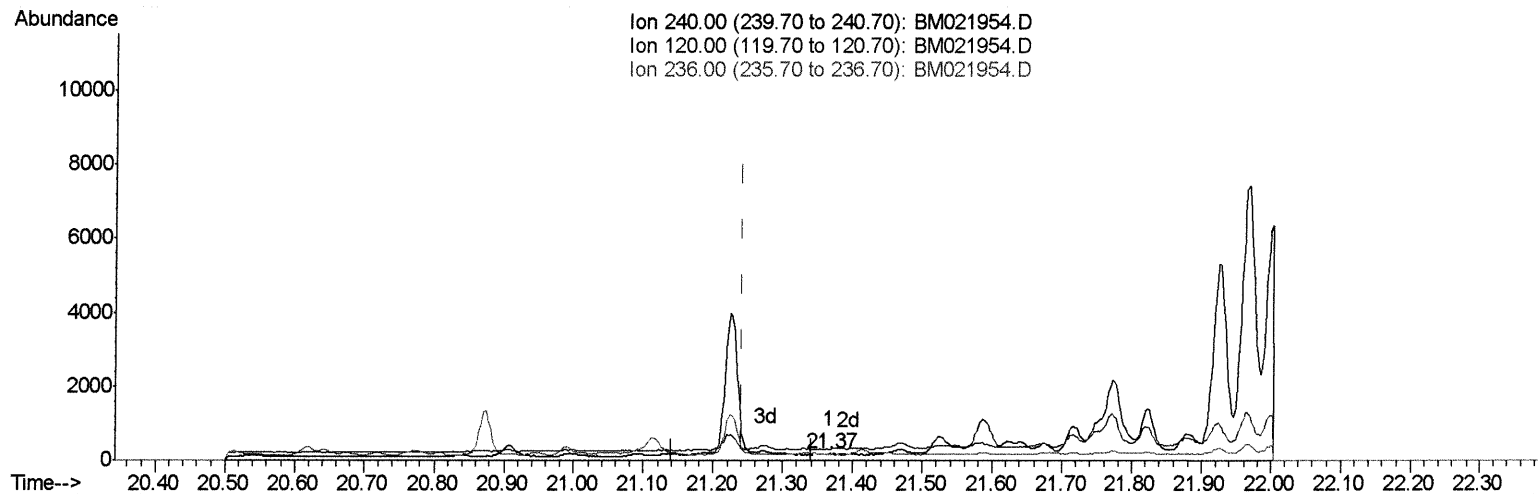
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENZ1

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.367min (+0.126) 0.40ng/ul

response 63

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	163.16#
236.00	32.30	86.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

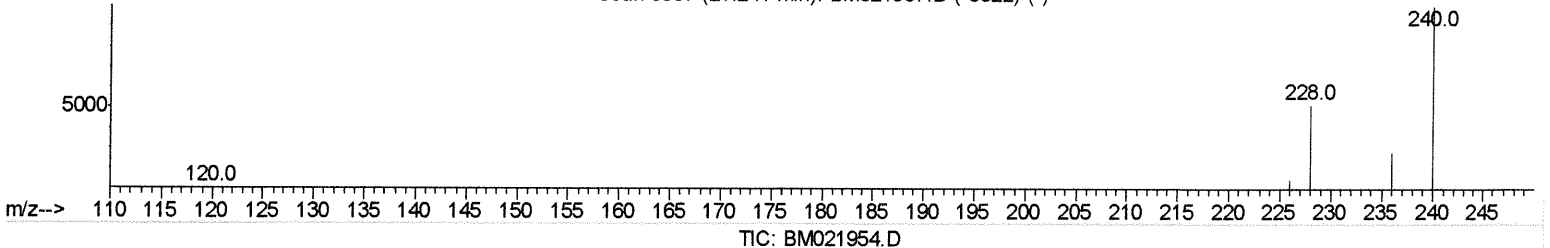
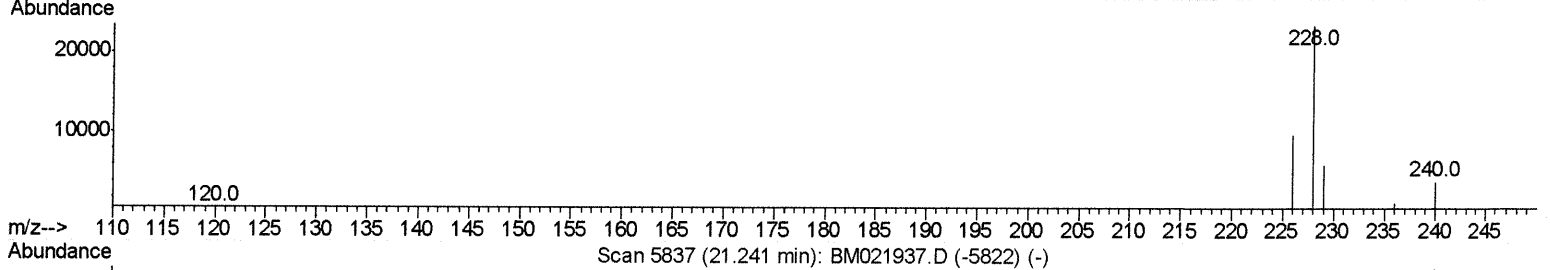
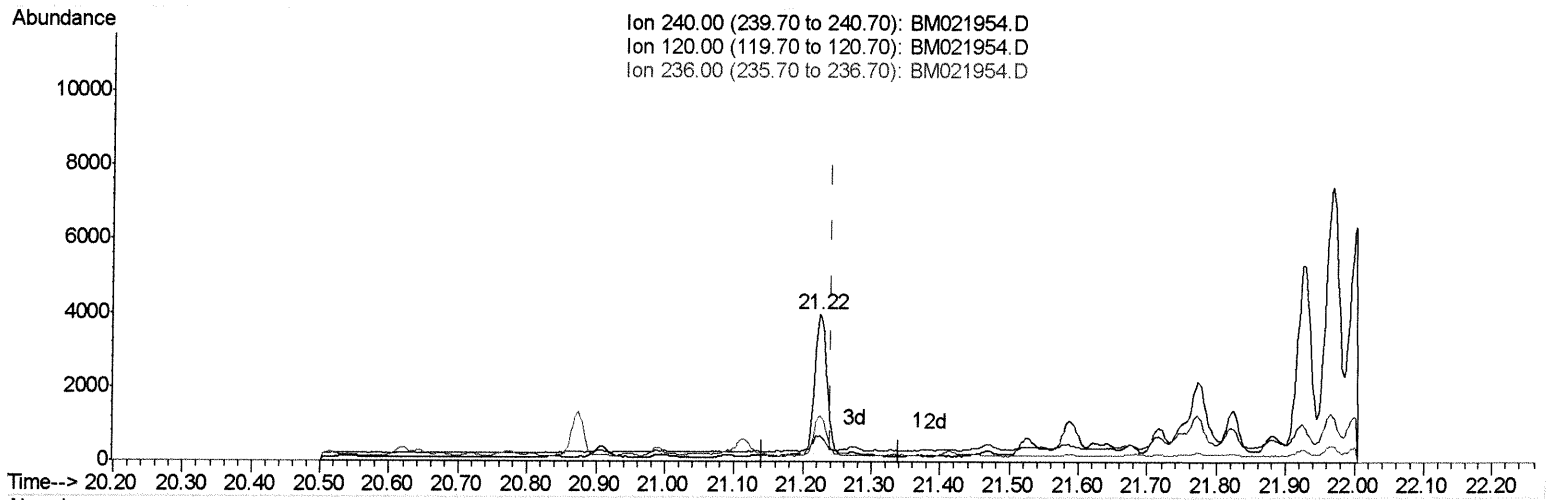
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENZ1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:24:28 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.224min (-0.017) 0.40ng/ul m

508/09/19

response 4641

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	17.65
236.00	32.30	31.85
0.00	0.00	0.00

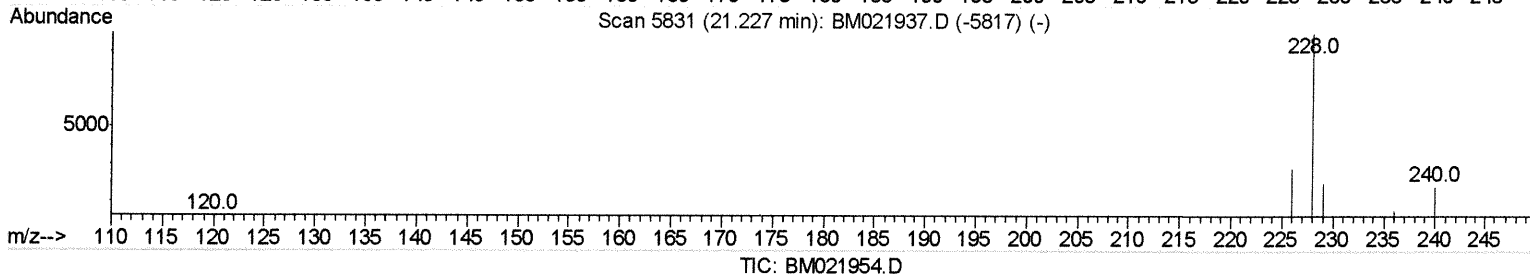
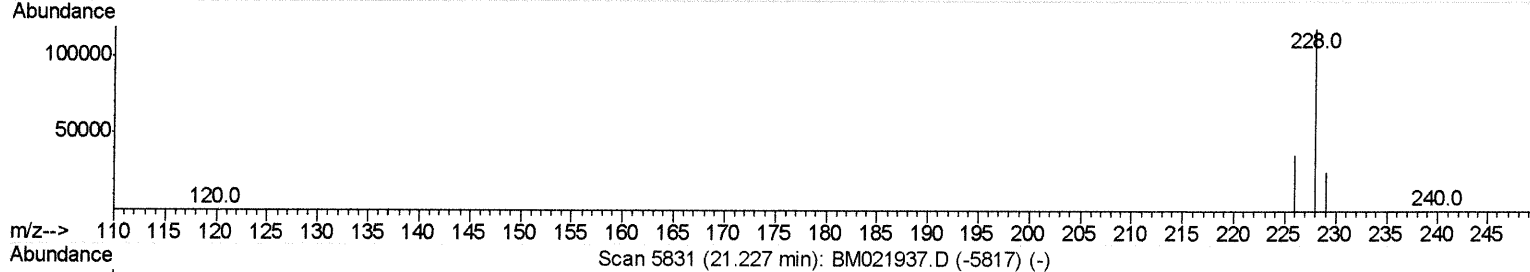
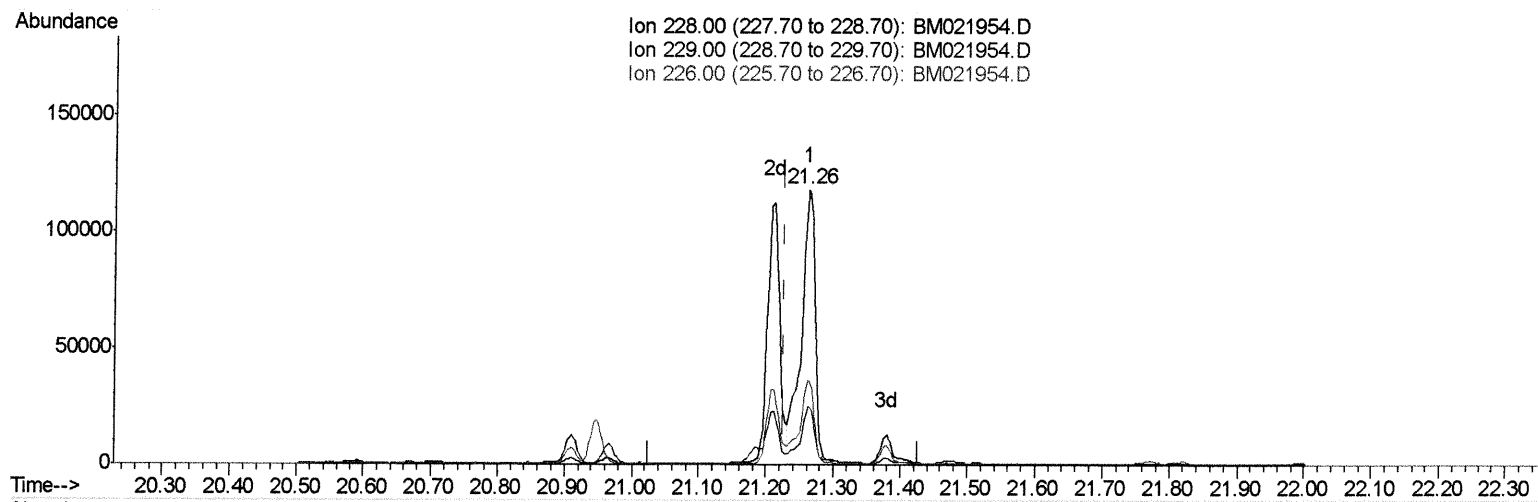
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:27:10 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.261min (+0.034) 10.39ng/ul

response 172473

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.06
226.00	28.30	31.12
0.00	0.00	0.00

Quantitation Report (Qedit)

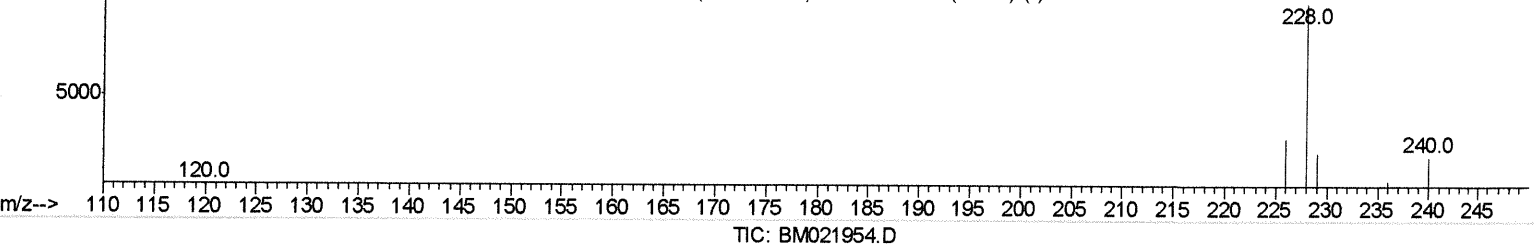
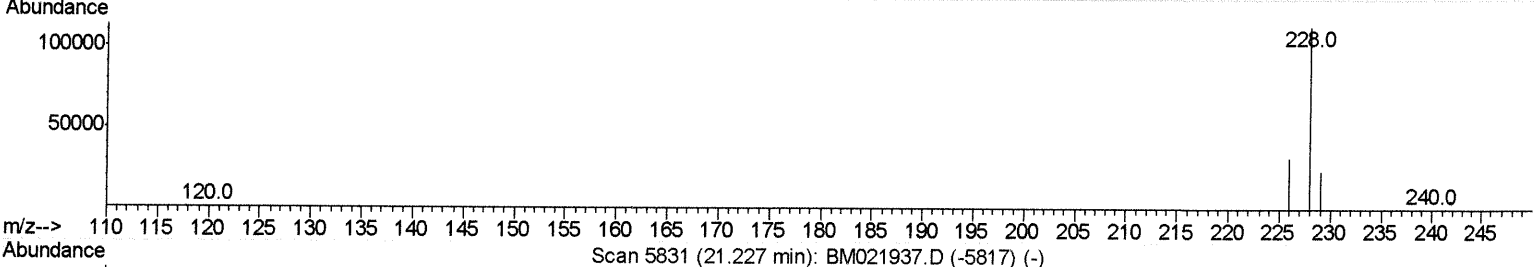
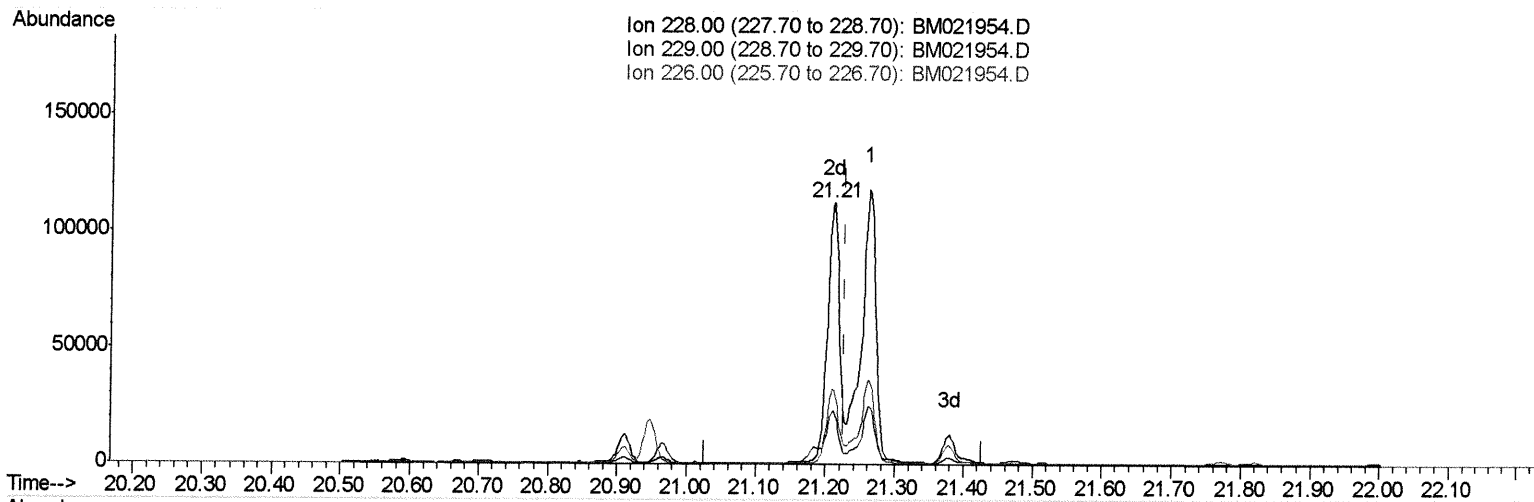
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:27:10 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.210min (-0.017) 8.38ng/ul m

JU
08/09/19

response 139042

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.51
226.00	28.30	28.45
0.00	0.00	0.00

Quantitation Report (Qedit)

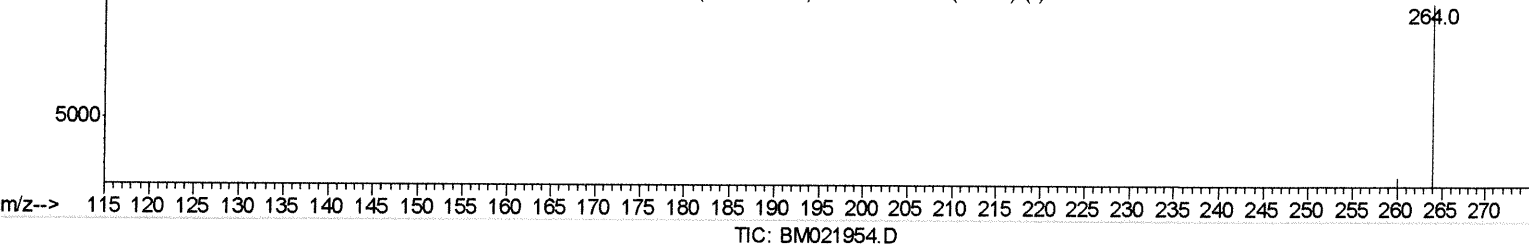
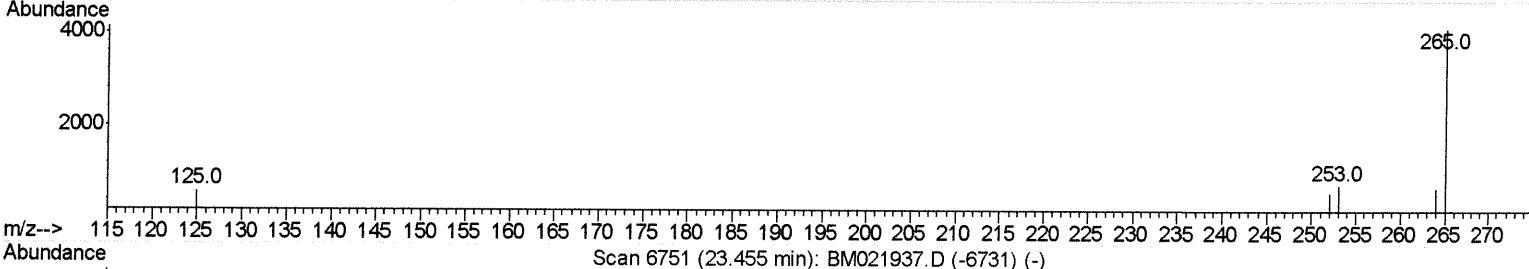
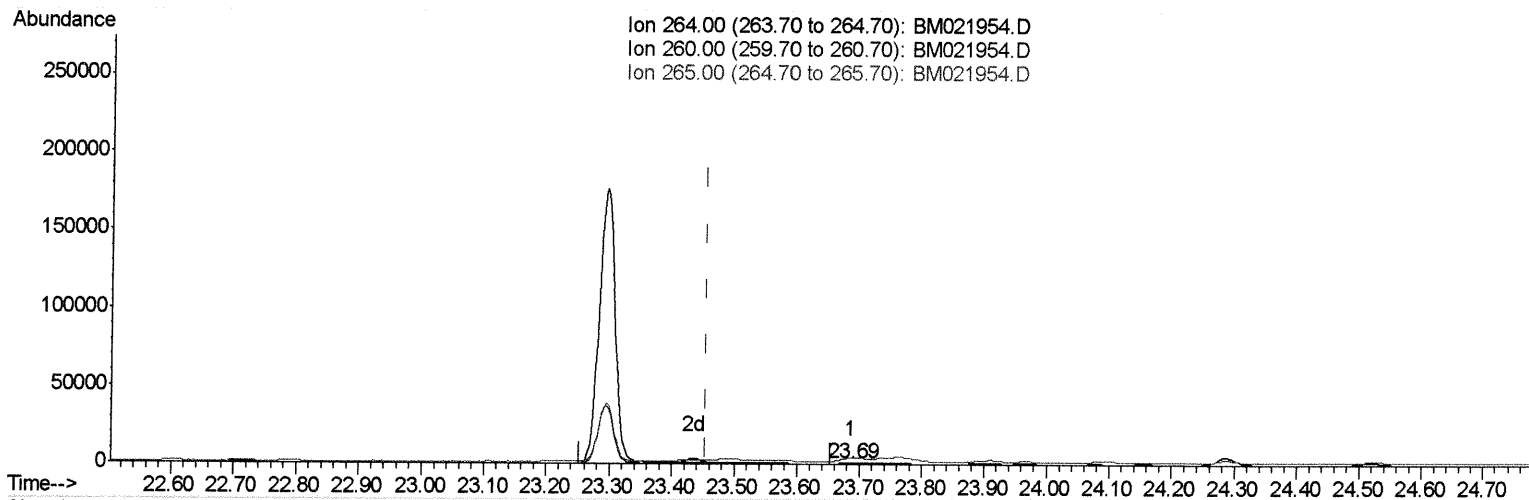
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:27:10 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.687min (+0.233) 0.40ng/ul

response 2128

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.32
265.00	117.00	614.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

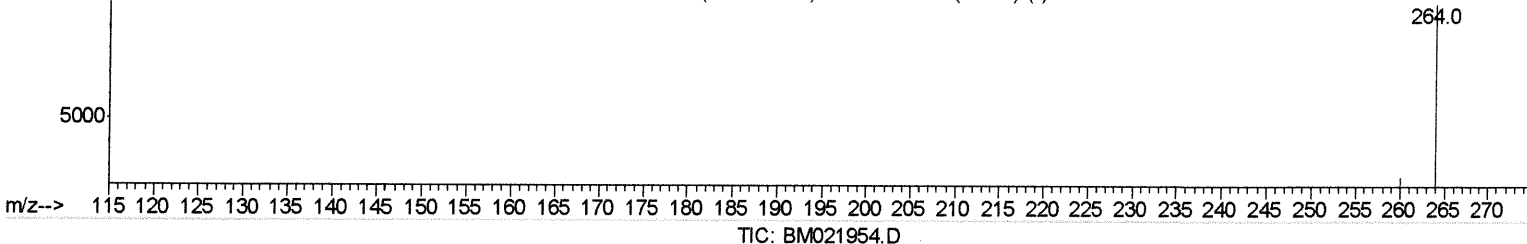
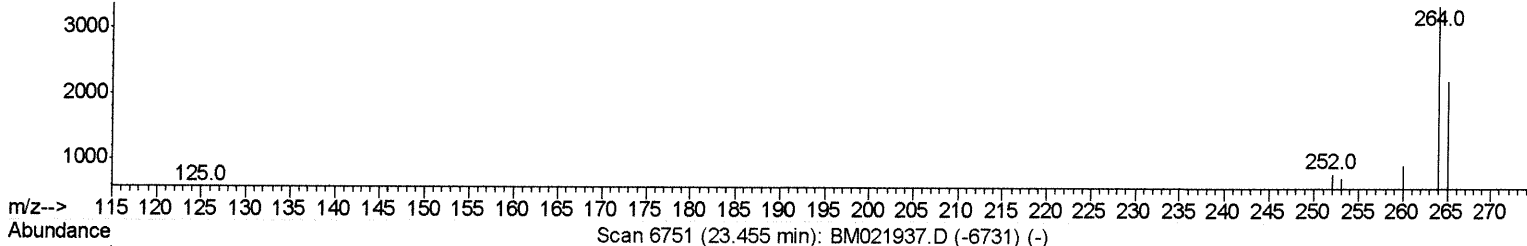
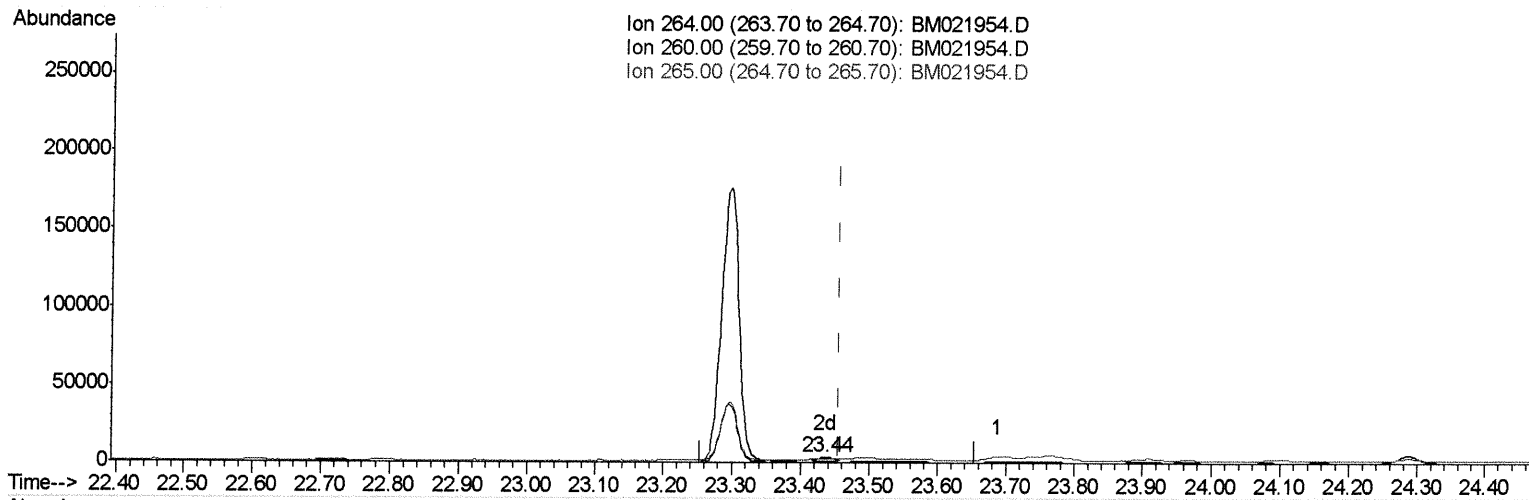
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENZ1

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:27:10 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.435min (-0.019) 0.40ng/ul m

JU
08/09/19

response 4883

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.84
265.00	117.00	66.25#
0.00	0.00	0.00

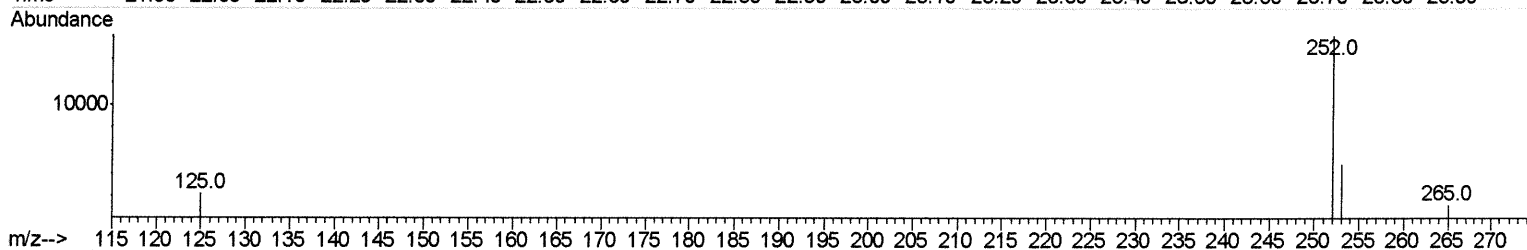
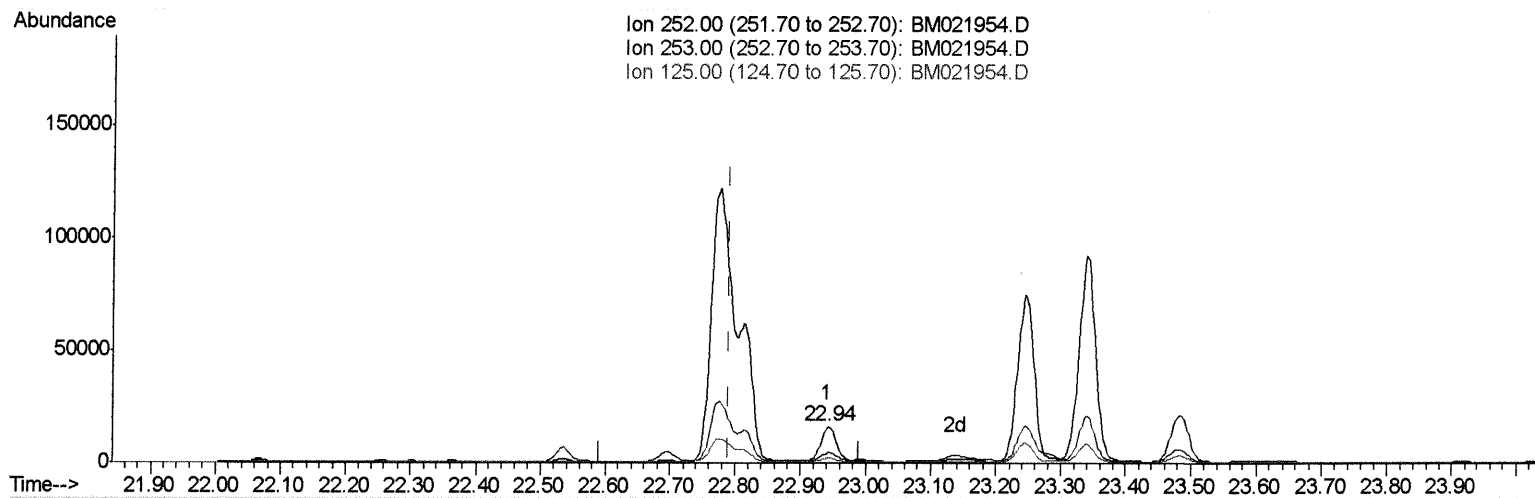
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

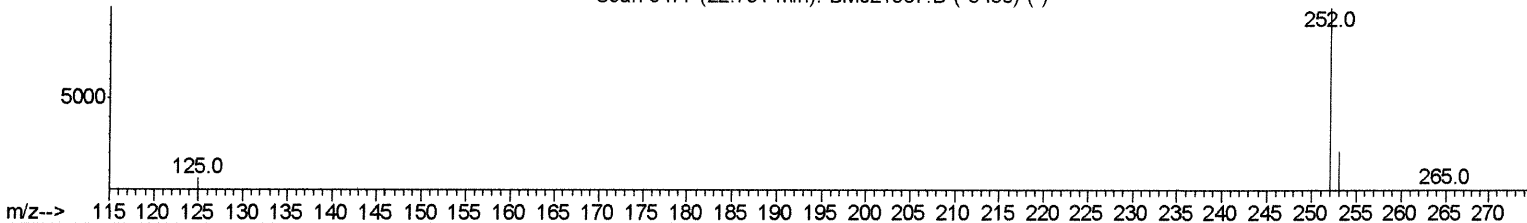
Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Scan 6477 (22.791 min): BM021937.D (-6460) (-)



TIC: BM021954.D

(21) Benzo(b)fluoranthene

22.941min (+0.150) 1.61ng/ul

response 26562

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.11
125.00	15.50	13.53
0.00	0.00	0.00

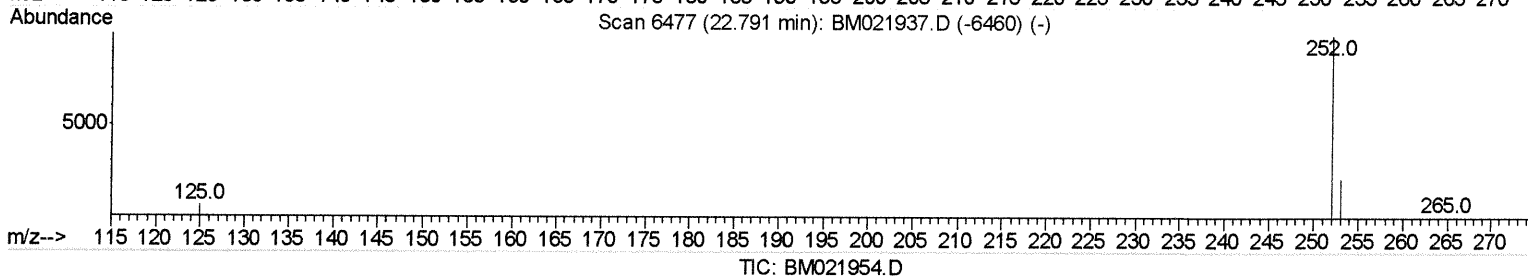
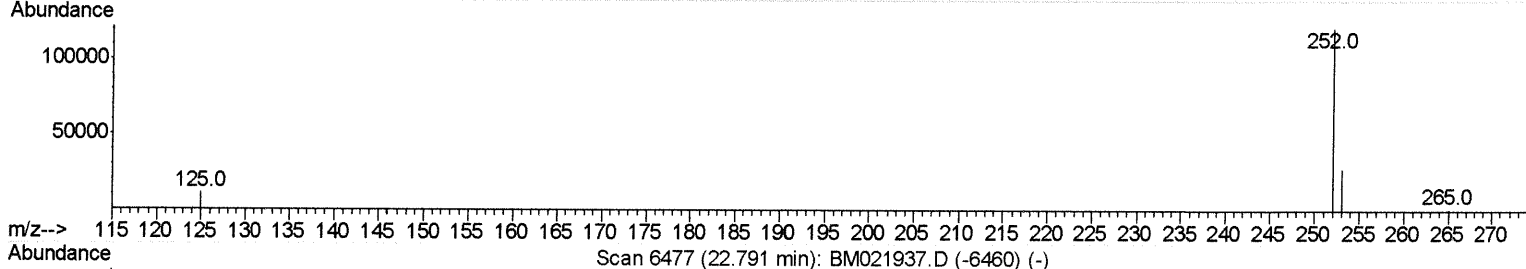
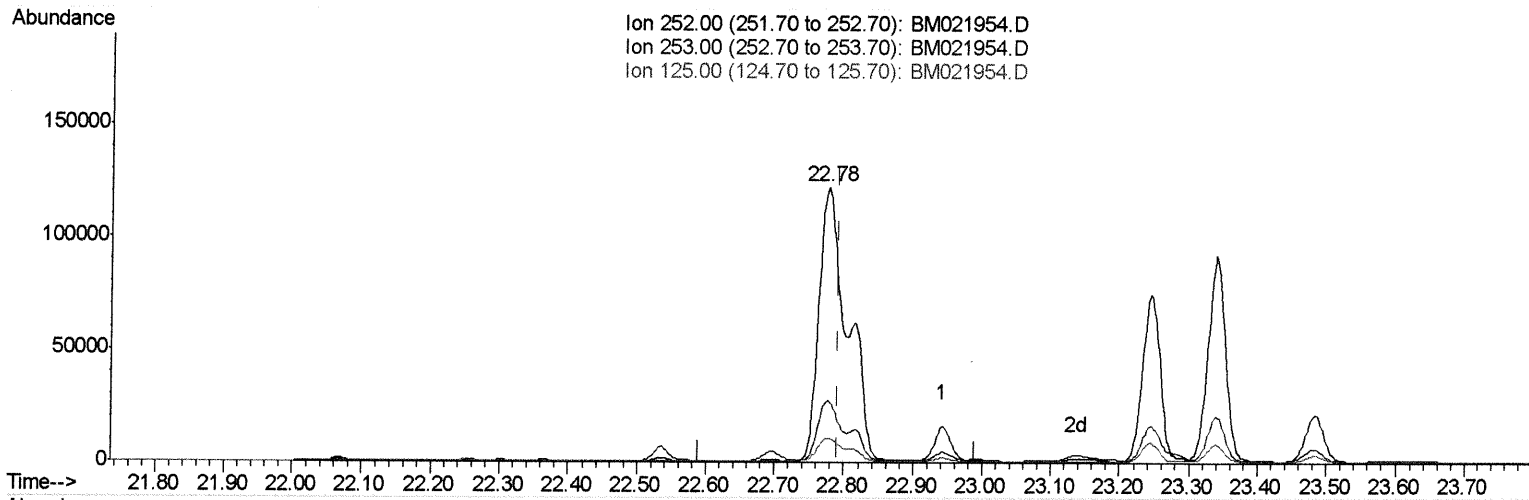
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.776min (-0.014) 15.63ng/ul m

JU
08/09/19

response 257348

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.54
125.00	15.50	8.84
0.00	0.00	0.00

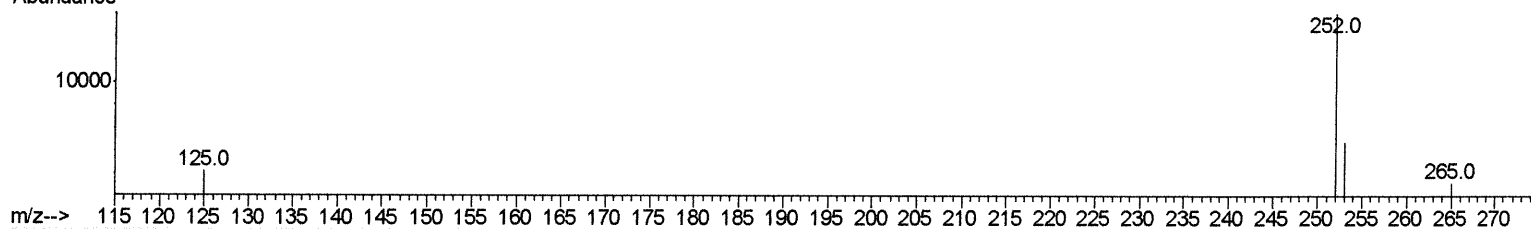
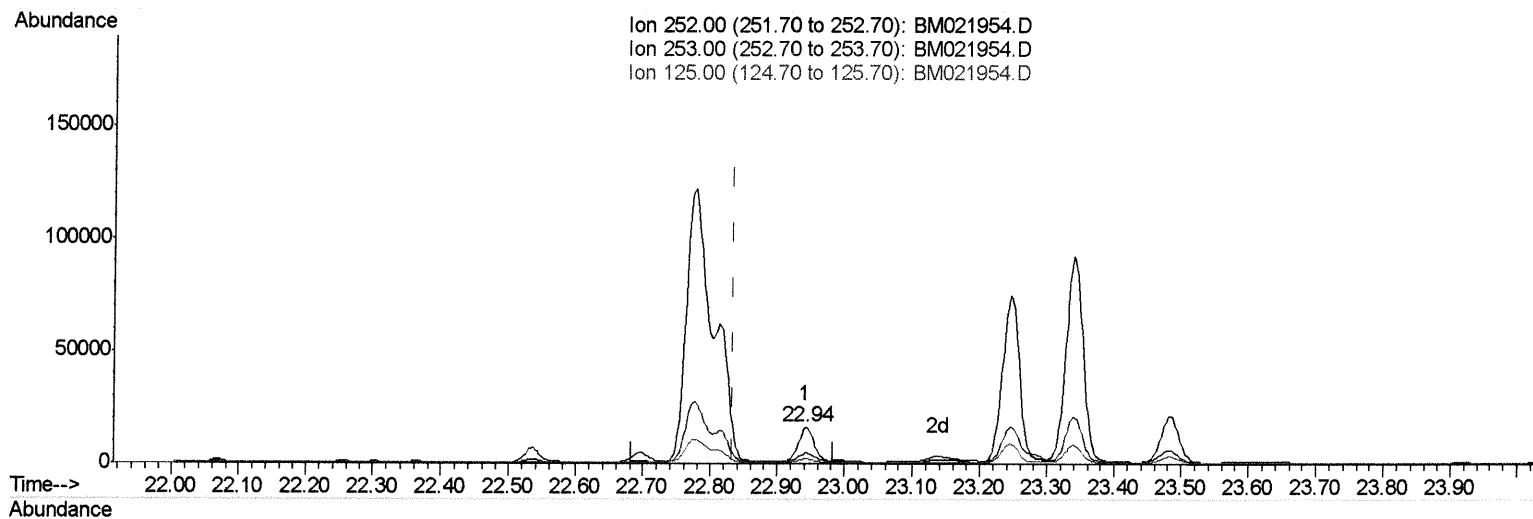
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

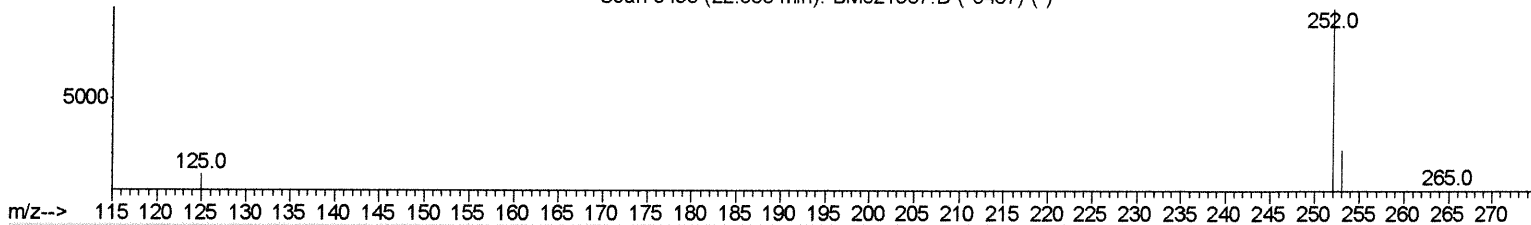
Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Scan 6495 (22.835 min): BM021937.D (-6487) (-)



TIC: BM021954.D

(22) Benzo(k)fluoranthene

22.941min (+0.107) 1.41ng/ul

response 26283

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.11
125.00	15.20	13.53
0.00	0.00	0.00

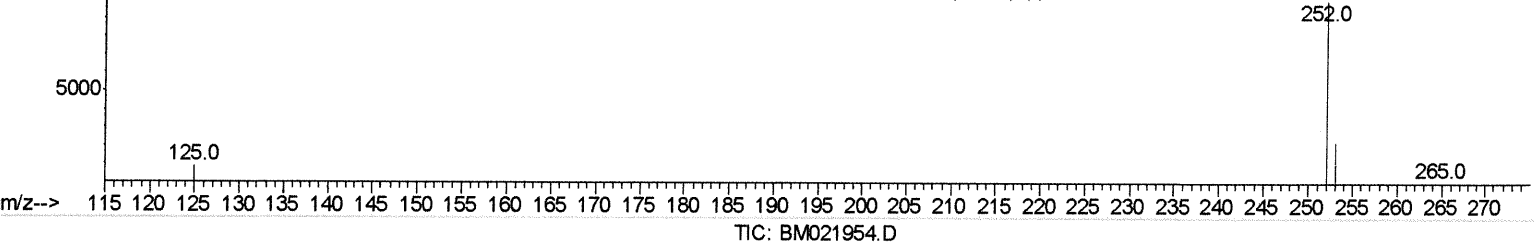
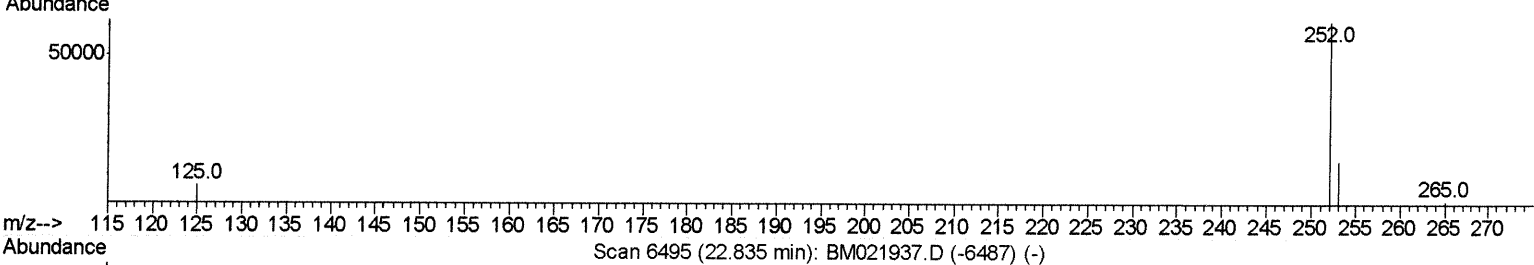
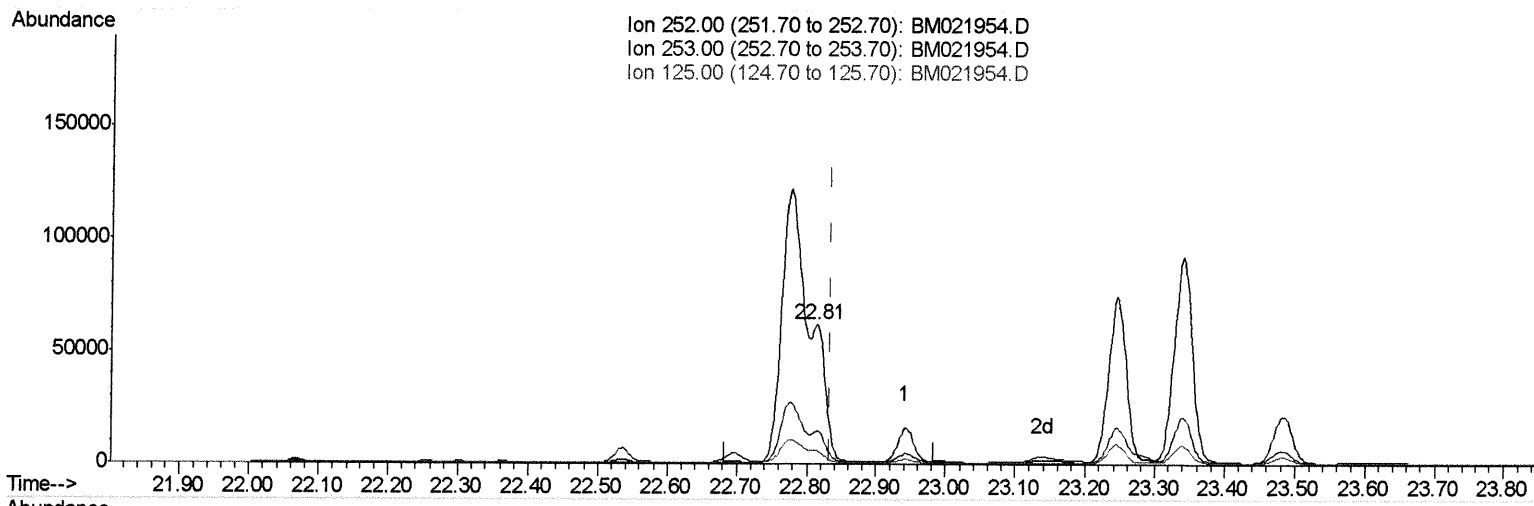
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.813min (-0.022) 4.50ng/ul m *JU 08/09/19*

response 83912

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.60#
125.00	15.20	9.58#
0.00	0.00	0.00

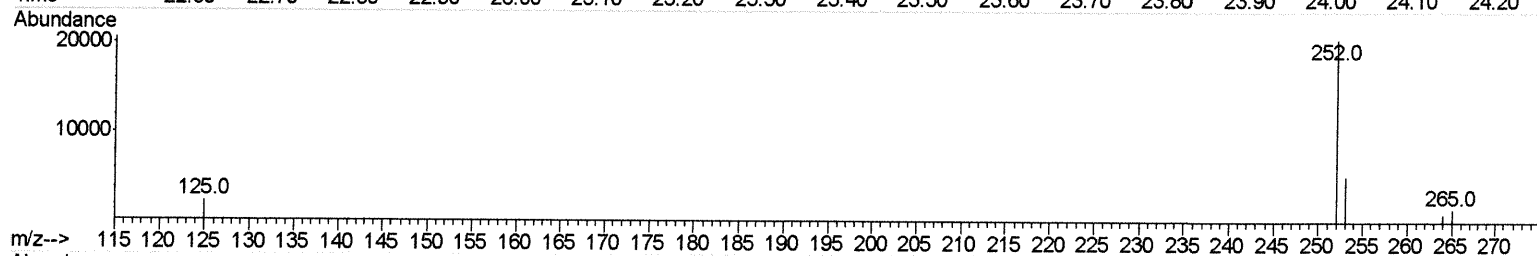
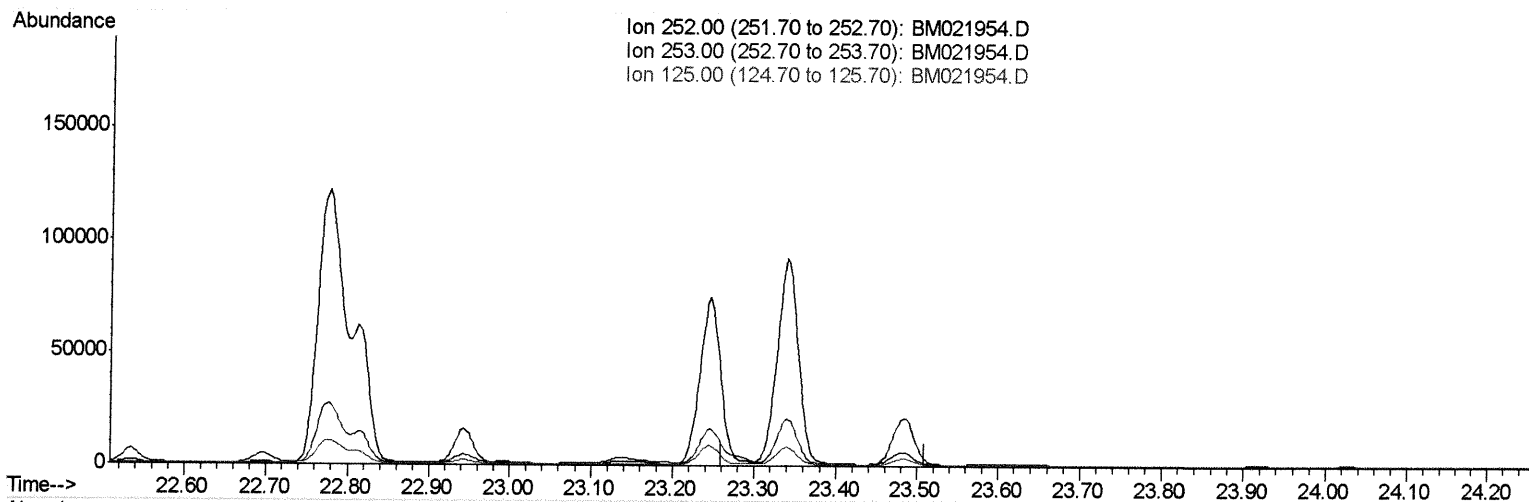
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

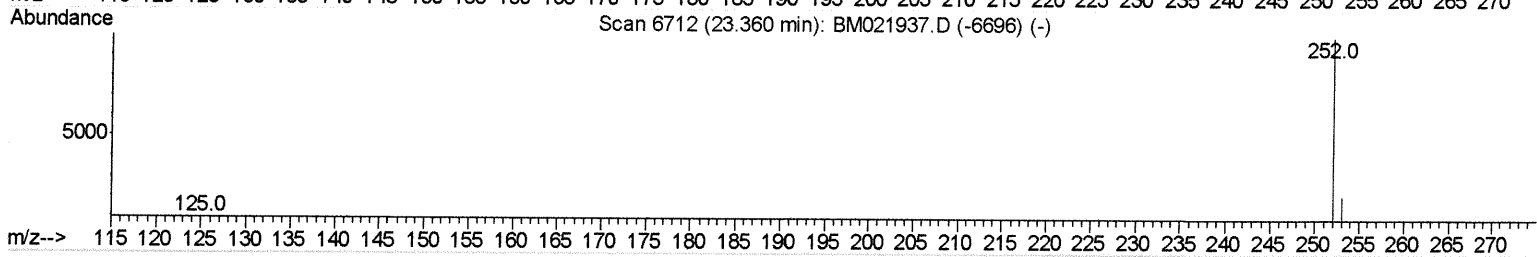
Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Scan 6712 (23.360 min): BM021937.D (-6696) (-)



TIC: BM021954.D

(23) Benzo(a)pyrene (C)

23.360min (-23.360) 0.00ng/ul

response 0

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

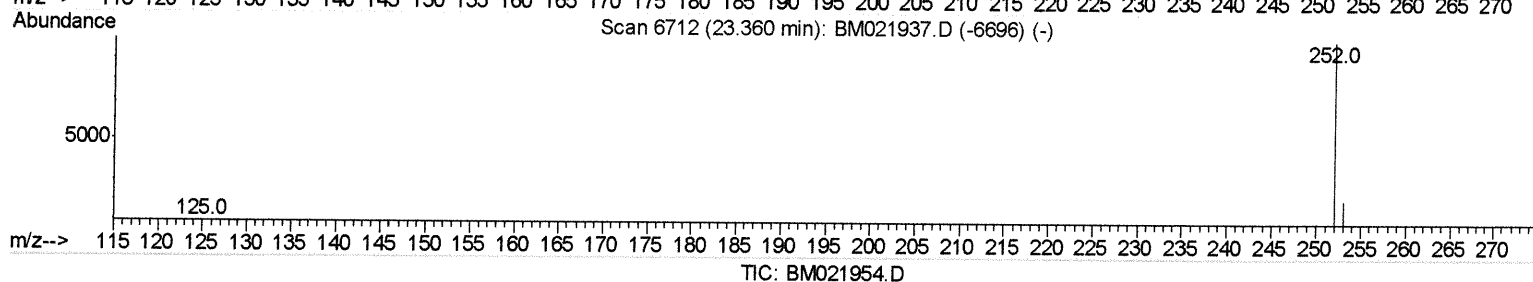
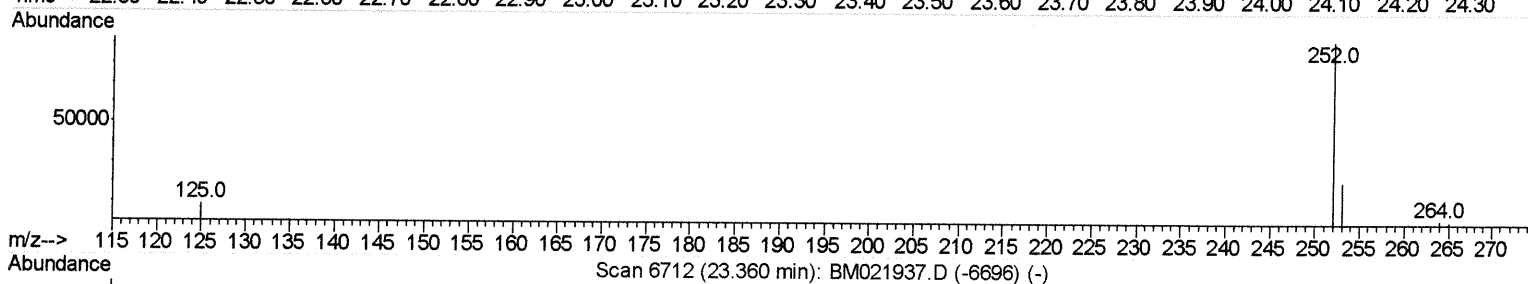
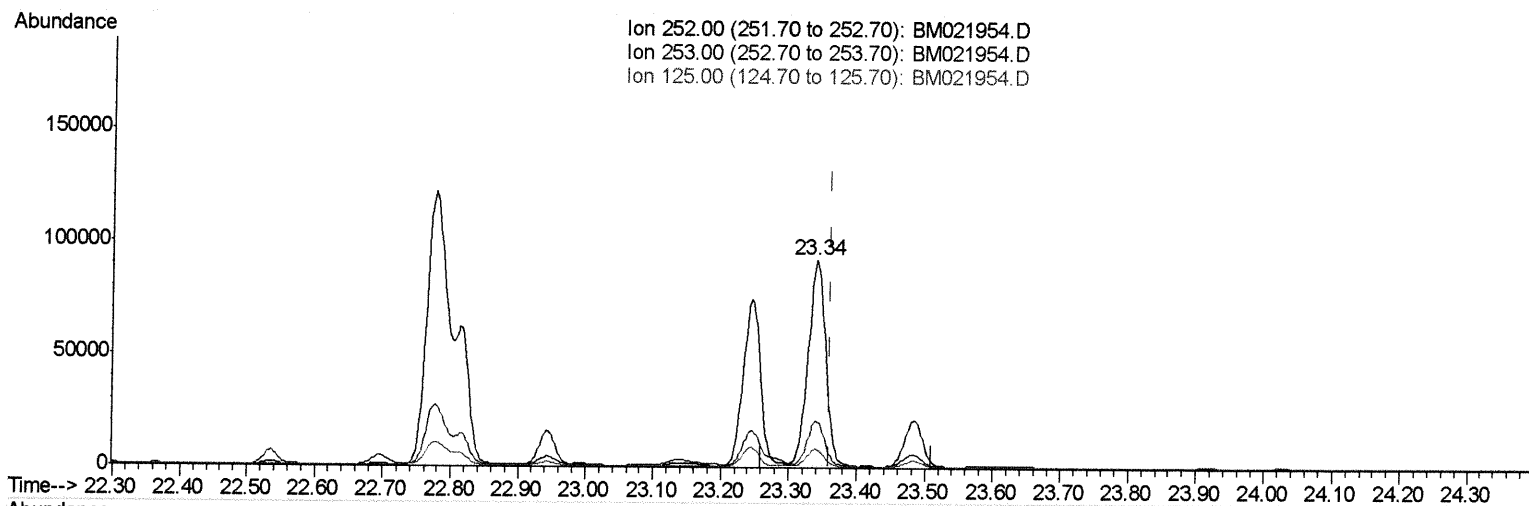
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.339min (-0.022) 9.68ng/ul m

JU
08/09/19

response 162074

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.12#
125.00	18.20	9.34#
0.00	0.00	0.00

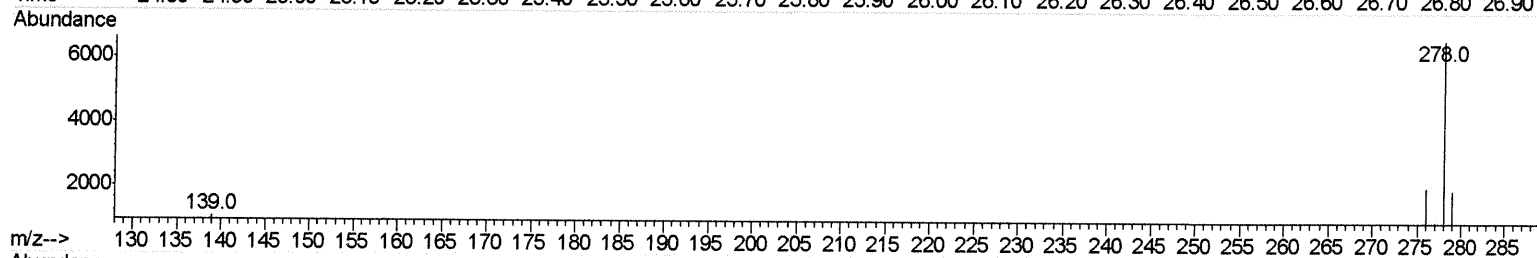
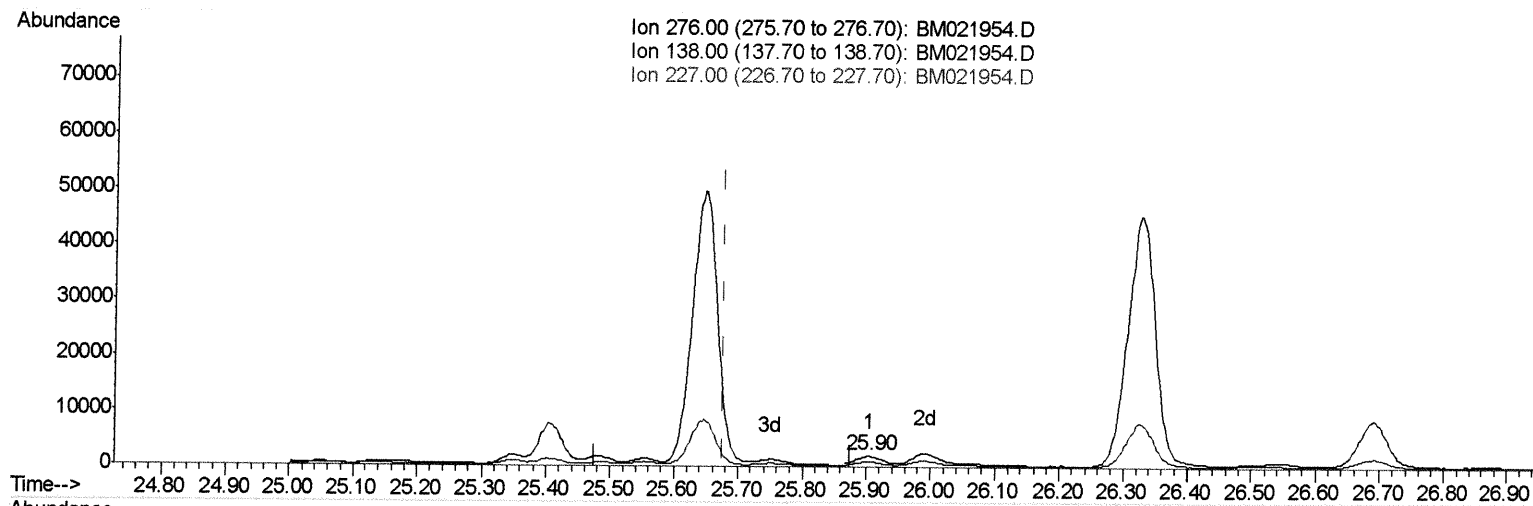
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

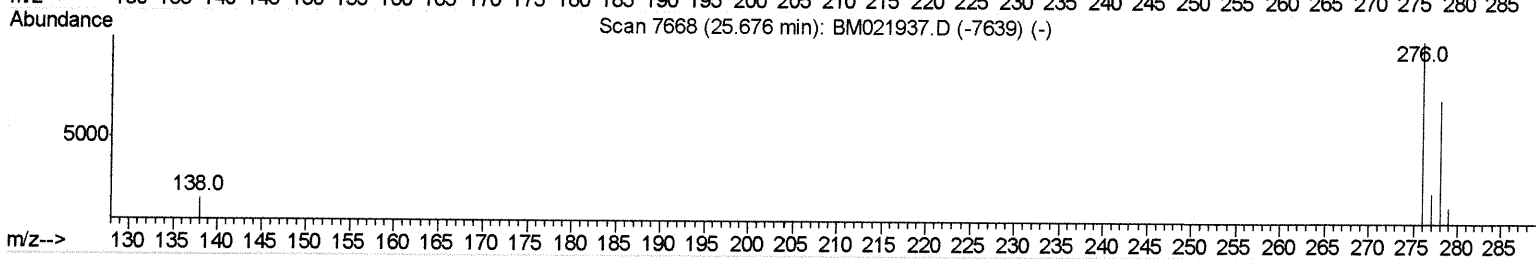
Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Scan 7668 (25.676 min): BM021937.D (-7639) (-)



TIC: BM021954.D

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

25.904min (+0.228) 0.24ng/ul

response 4771

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	41.56#
227.00	0.00	0.00
0.00	0.00	0.00

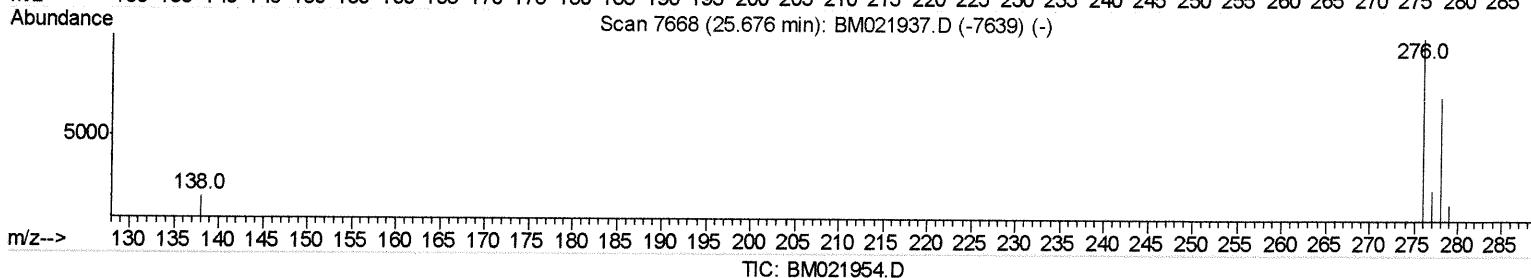
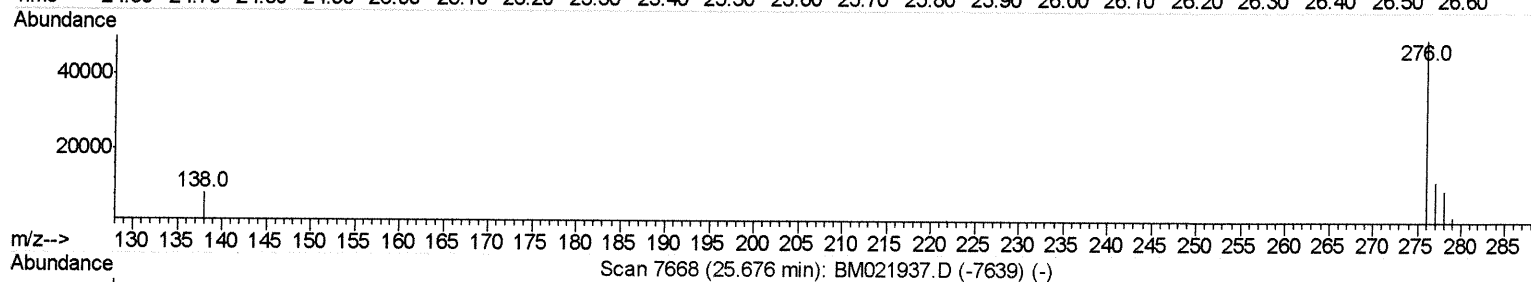
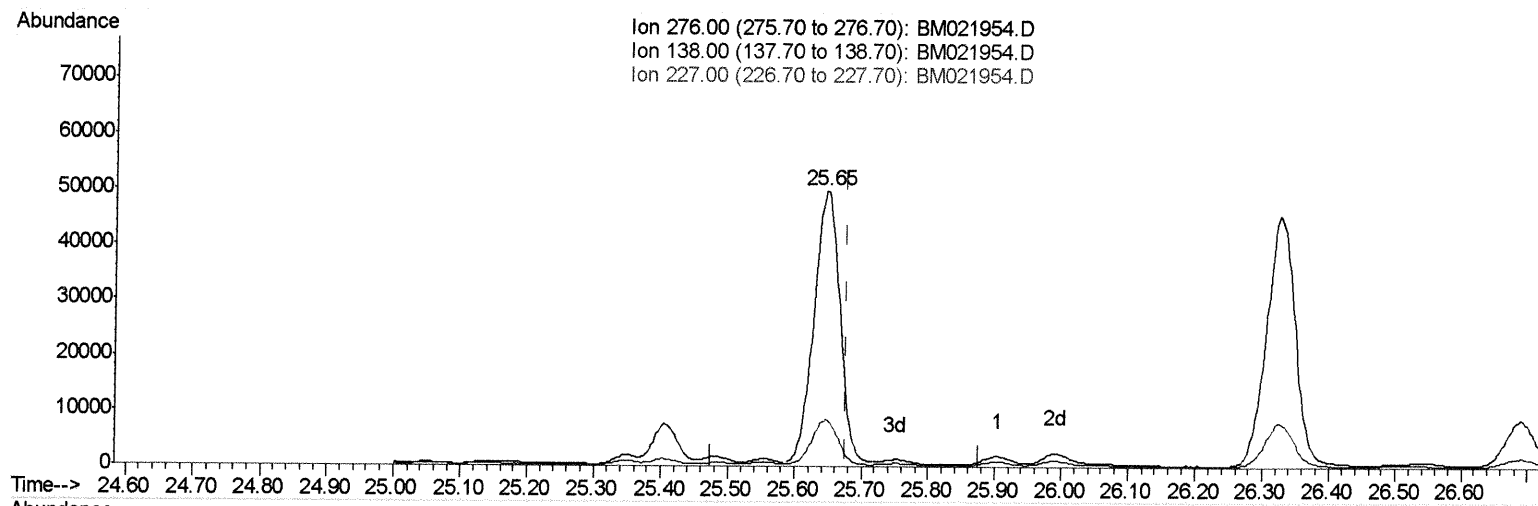
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



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

25.647min (-0.029) 6.64ng/ul m

25/09/19

response 132677

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.49#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

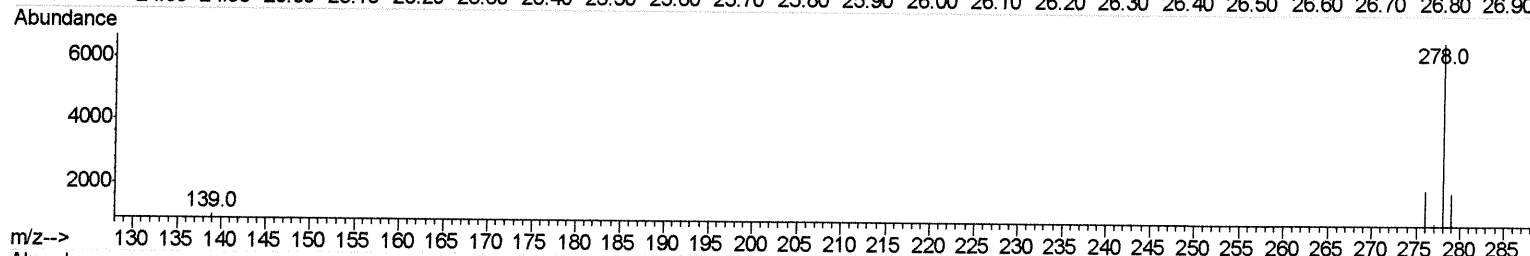
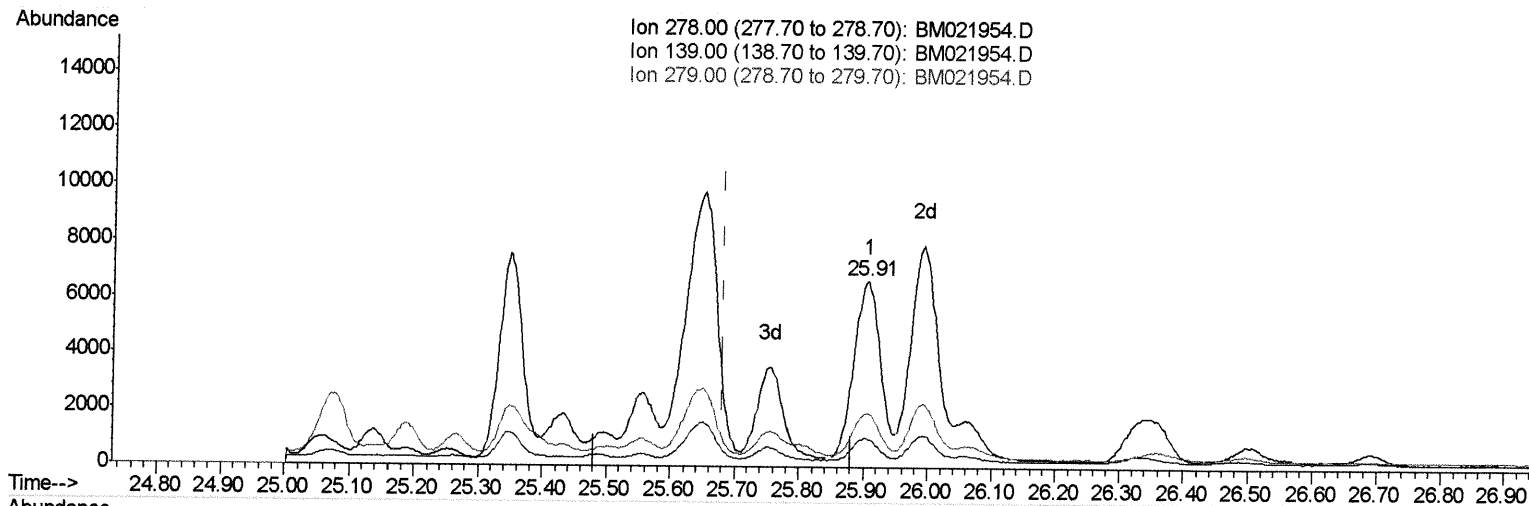
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENZ1

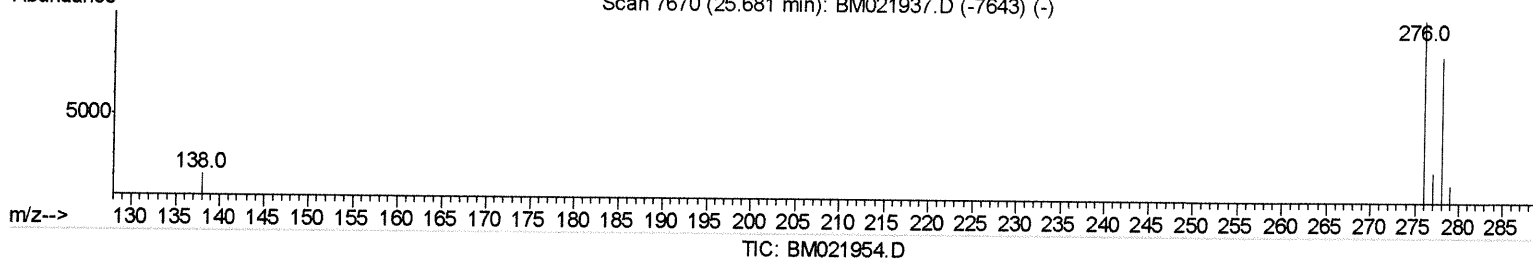
Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Scan 7670 (25.681 min): BM021937.D (-7643) (-)



(25) Dibenzo(a,h)anthracene

25.907min (+0.225) 1.12ng/ul

response 18133

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	15.35
279.00	35.40	29.11
0.00	0.00	0.00

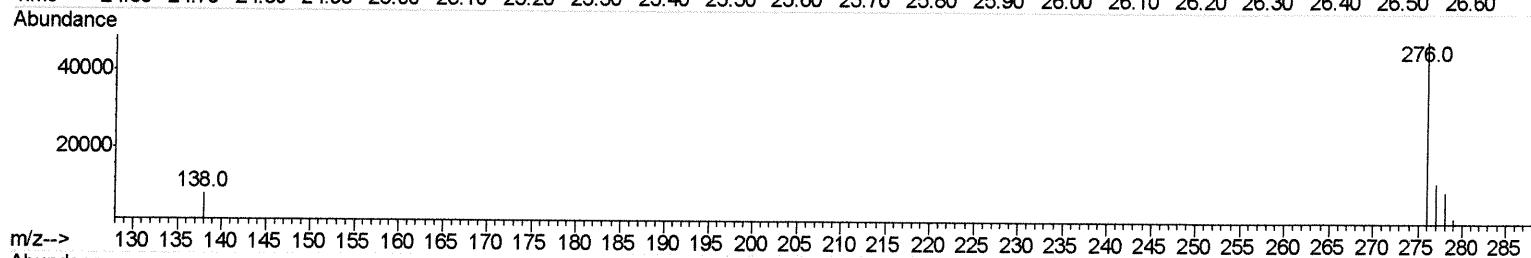
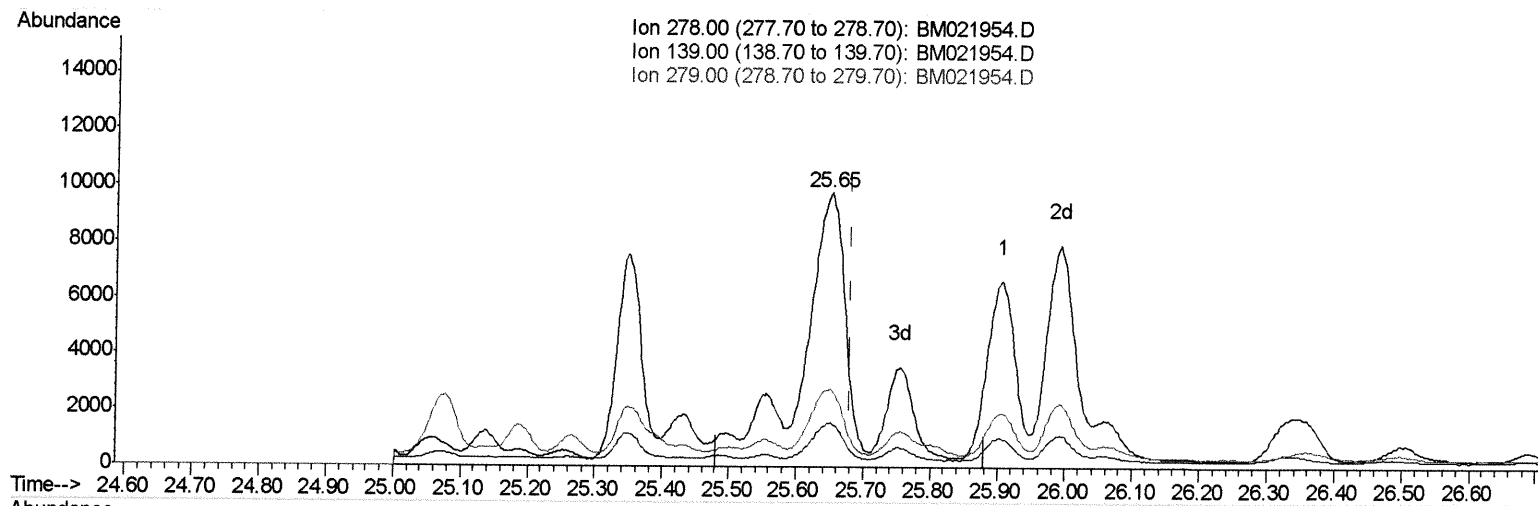
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENZ1

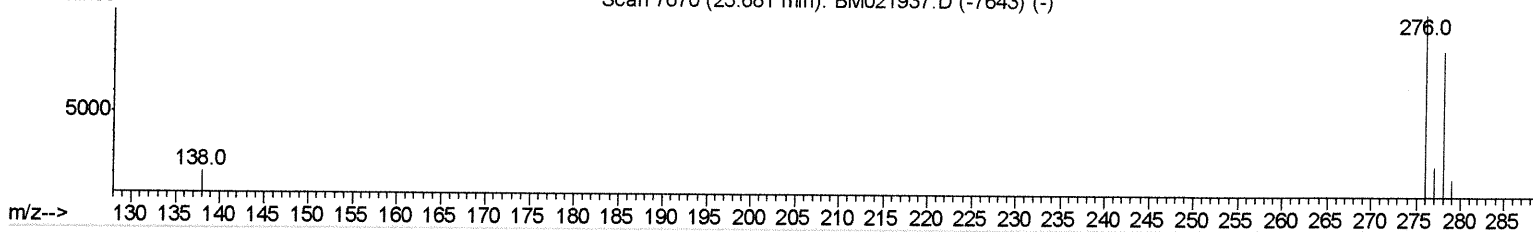
Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Scan 7670 (25.681 min): BM021937.D (-7643) (-)



TIC: BM021954.D

(25) Dibenzo(a,h)anthracene

25.650min (-0.031) 1.92ng/ul m

JU 08/09/19

response 30962

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	16.58
279.00	35.40	28.50
0.00	0.00	0.00

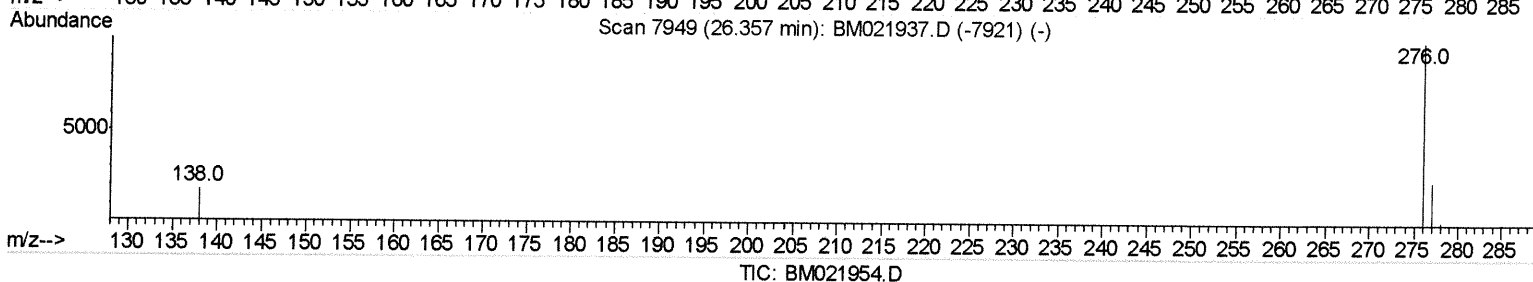
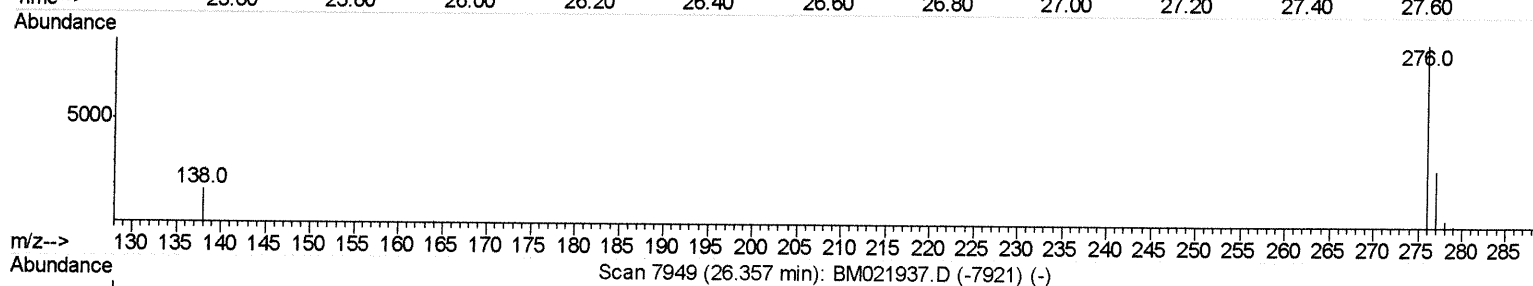
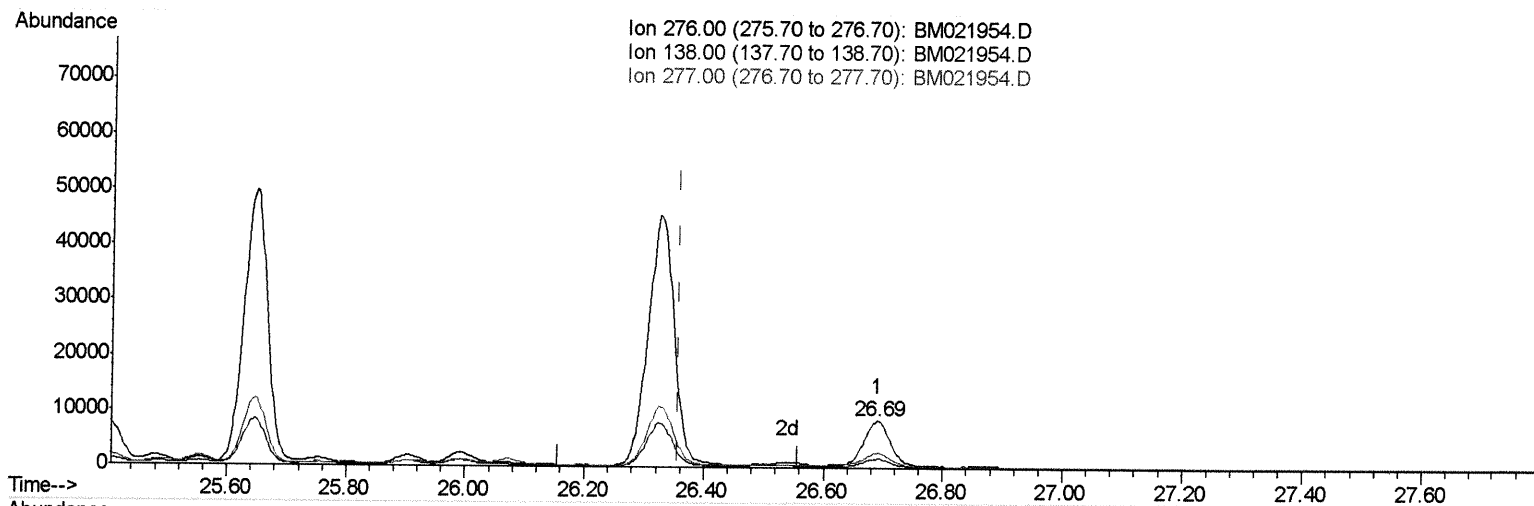
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021954.D
Acq On : 09 Aug 2019 05:03
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



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

26.689min (+0.332) 1.43ng/ui

response 25655

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	20.14
277.00	26.80	32.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

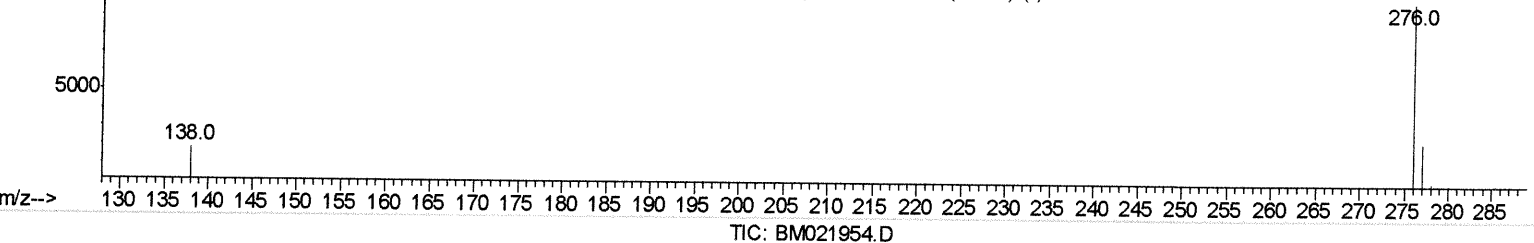
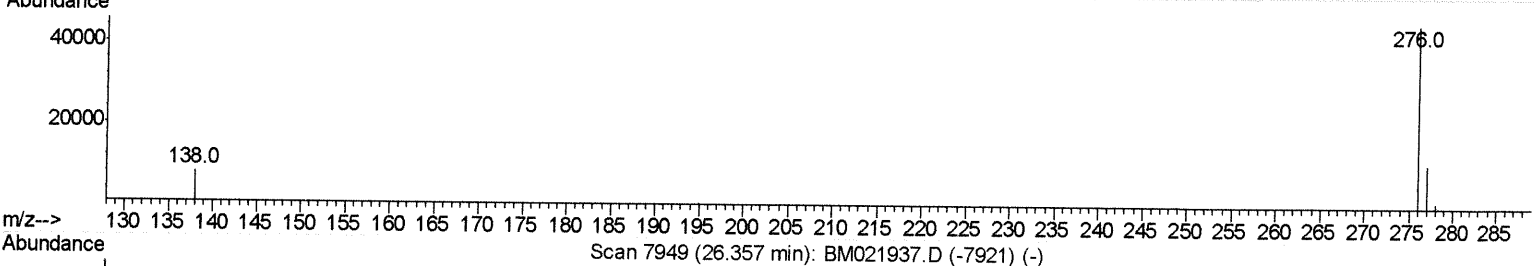
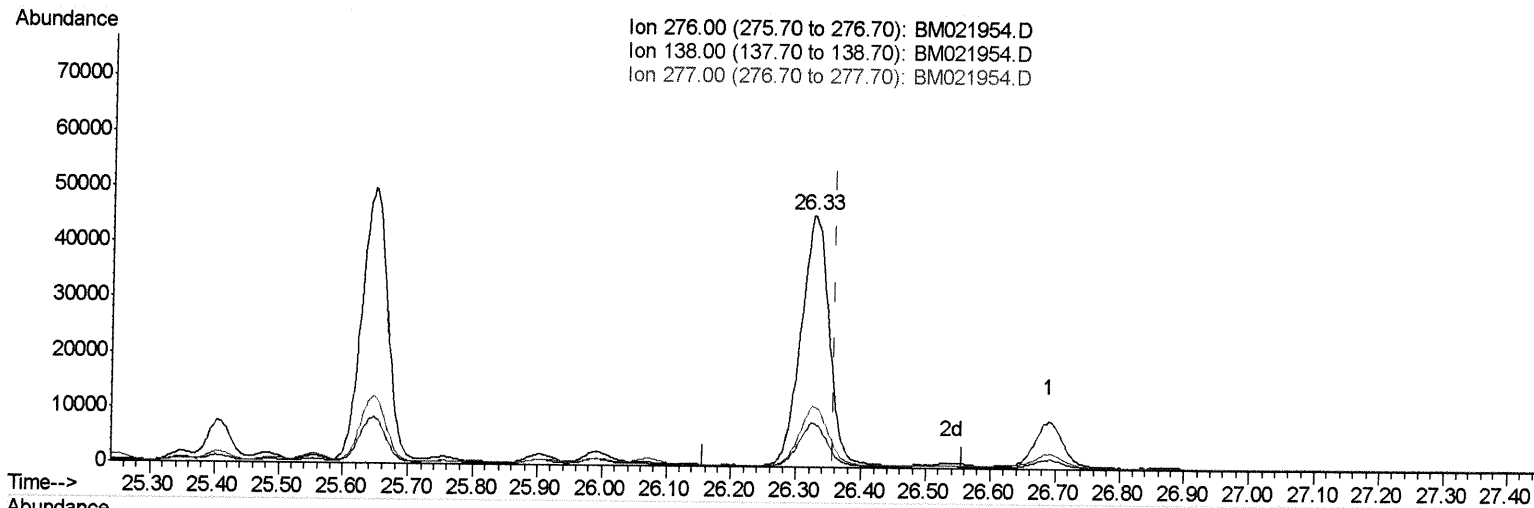
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENZ1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:28:58 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



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

26.326min (-0.031) 7.60ng/ul m *JU 08/09/19*

response 136834

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	17.38
277.00	26.80	24.17
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021954.D
 Acq On : 09 Aug 2019 05:03
 Operator : HP/JU
 Sample : K4028-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BENZ1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:56 AM

Quant Time: Aug 09 09:31:42 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	919	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3792	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2039	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4609m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4641m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	4883m	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	1136	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	3125m	0.20	ng/ul	-0.02

Target Compounds

						Ovalue
3) Naphthalene	10.44	128	1768	0.165	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	823	0.115	ng/ul	98
7) Acenaphthylene	13.99	152	5966	0.627	ng/ul#	83
8) Acenaphthene	14.33	153	2882	0.370	ng/ul	99
9) Fluorene	15.33	166	3556	0.411	ng/ul	99
12) Phenanthrene	17.07	178	93414m	6.966	ng/ul	99
13) Anthracene	17.16	178	16491m	1.442	ng/ul	99
15) Fluoranthene	19.09	202	307371m	17.110	ng/ul	99
17) Pyrene	19.46	202	268870	14.098	ng/ul	99
18) Benzo(a)anthracene	21.21	228	139042m	8.376	ng/ul	99
19) Chrysene	21.26	228	172473	8.079	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	257348m	15.629	ng/ul	99
22) Benzo(k)fluoranthene	22.81	252	83912m	4.503	ng/ul	99
23) Benzo(a)pyrene	23.34	252	162074m	9.679	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.65	276	132677m	6.636	ng/ul	99
25) Dibenzo(a,h)anthracene	25.65	278	30962m	1.916	ng/ul	99
26) Benzo(a,h,i)perylene	26.33	276	136834m	7.602	ng/ul	99

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