

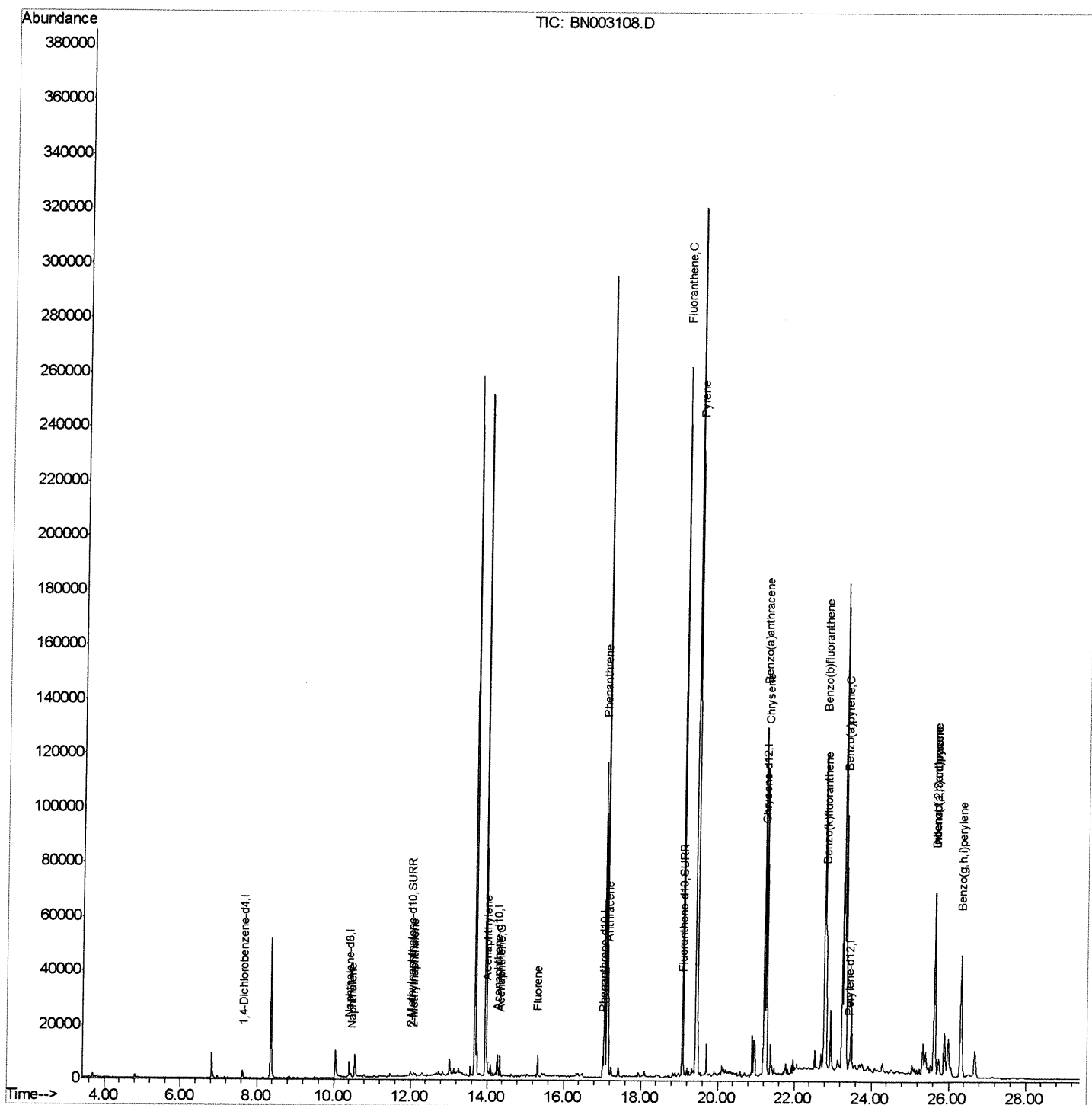
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:05:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

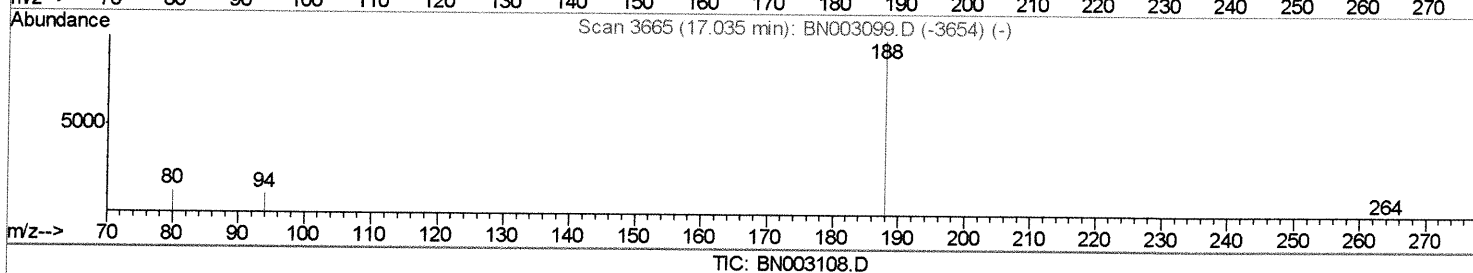
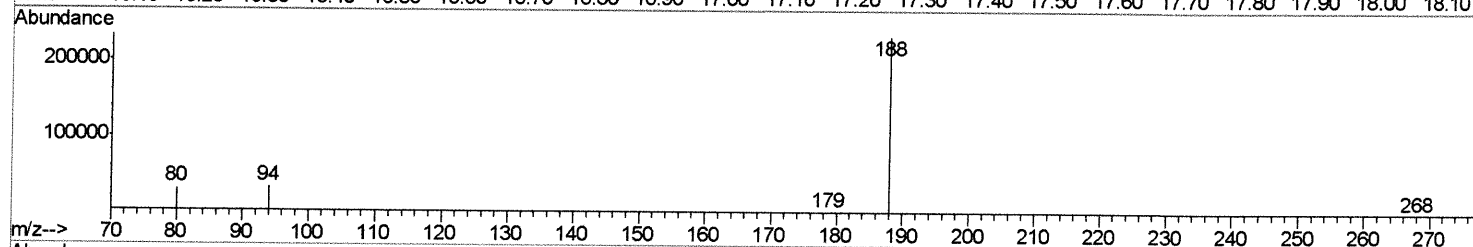
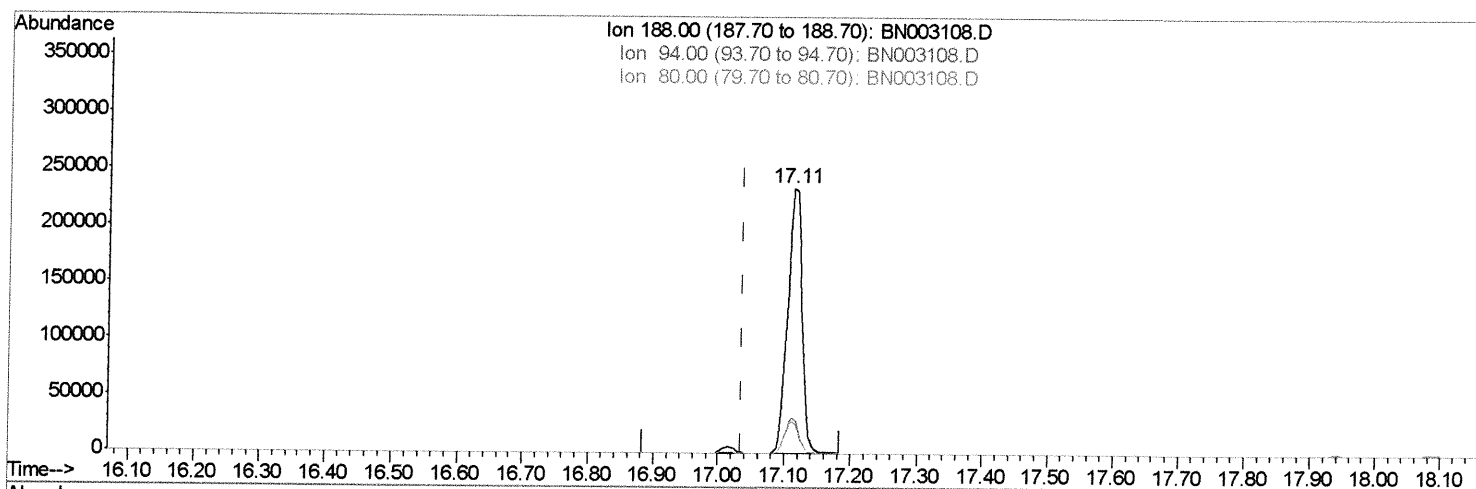
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:52:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.111min (+0.076) 0.40ng/ul

response 350728

Ion	Exp%	Act%
-----	------	------

188.00	100	100
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94.00	11.80	13.48
-------	-------	-------

80.00	12.70	12.36
-------	-------	-------

0.00	0.00	0.00
------	------	------

Quantitation Report (Qedit)

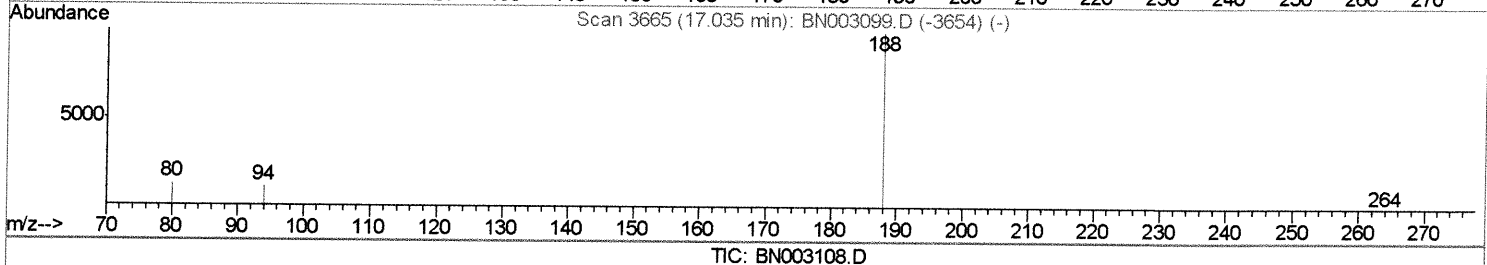
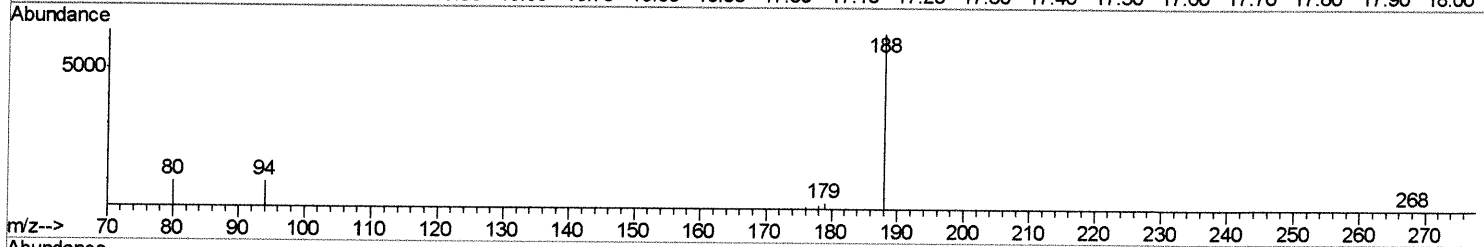
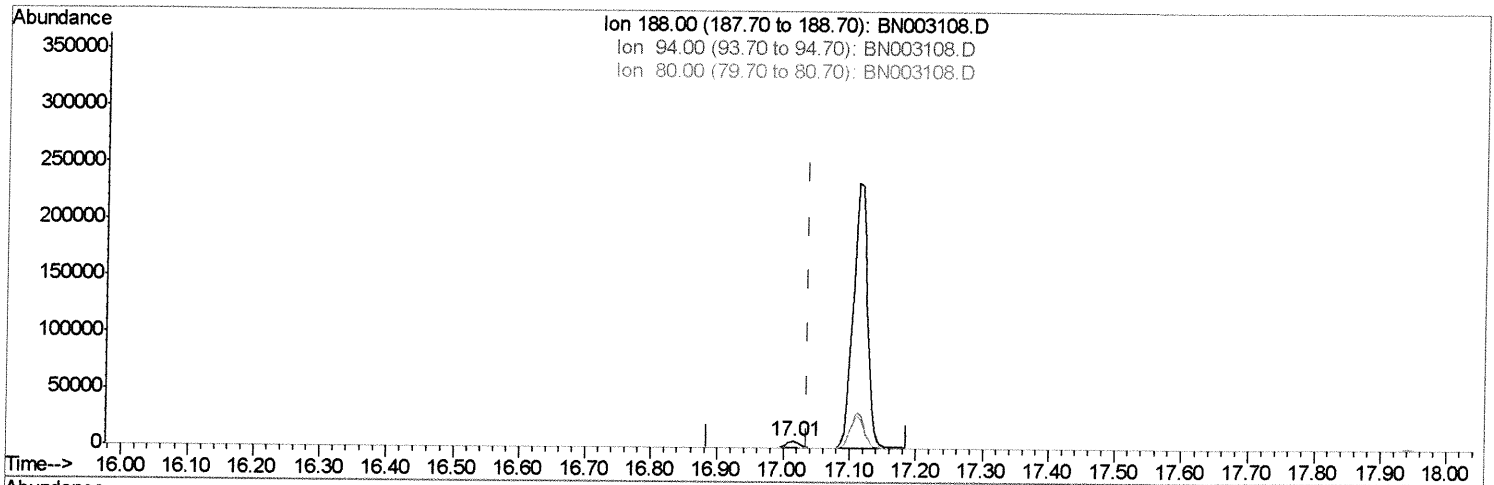
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:52:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.014min (-0.021) 0.40ng/ul m> SJ 10/12/18

response 9136

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	15.16#
80.00	12.70	15.21
0.00	0.00	0.00

Quantitation Report (Qedit)

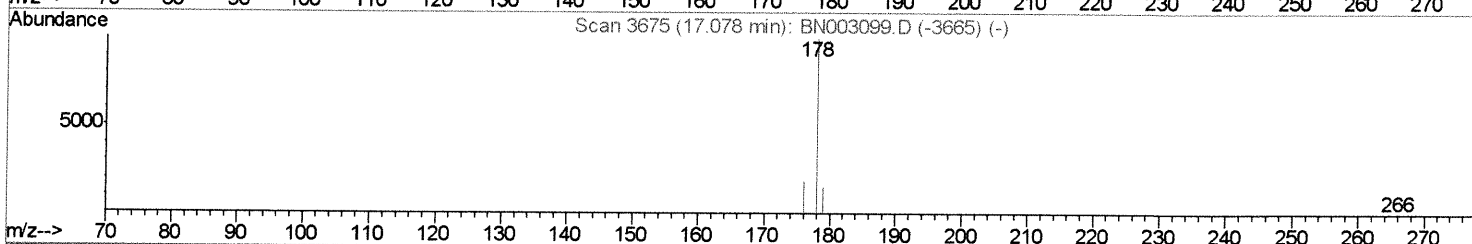
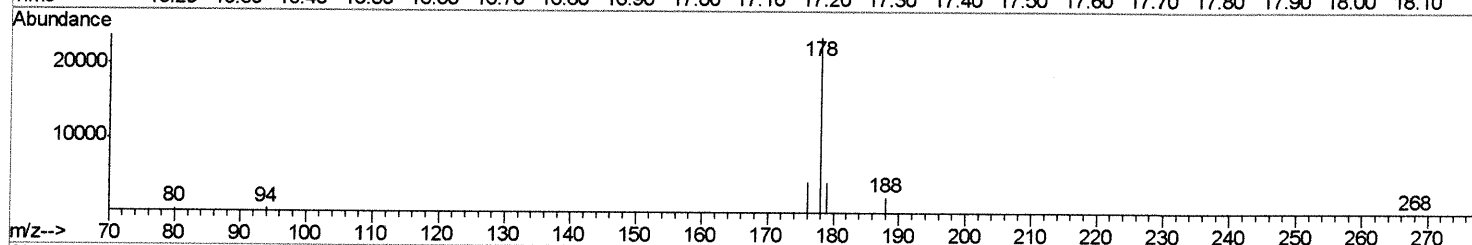
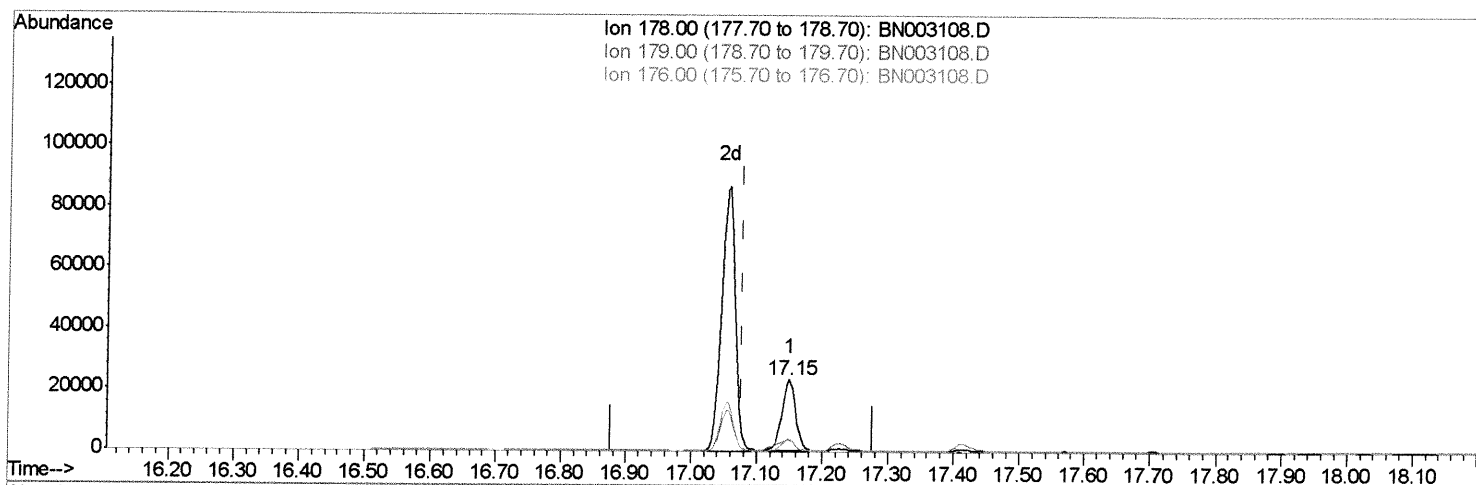
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(12) Phenanthrene

17.149min (+0.072) 1.36ng/ui

response 34673

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	17.24
176.00	19.30	18.23
0.00	0.00	0.00

Quantitation Report (Qedit)

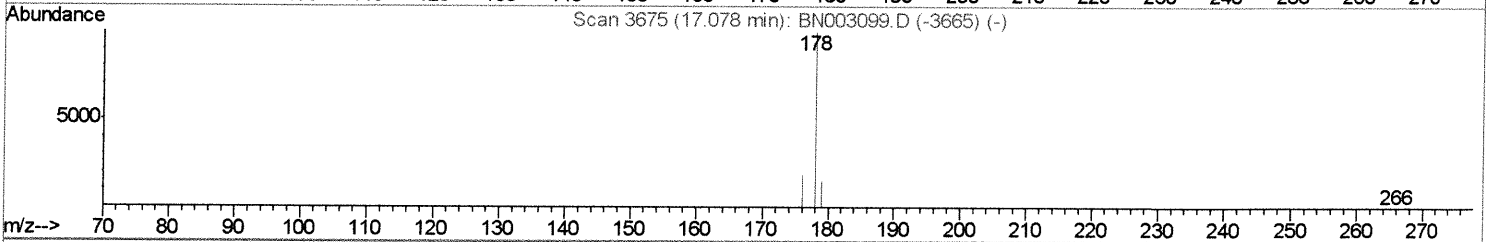
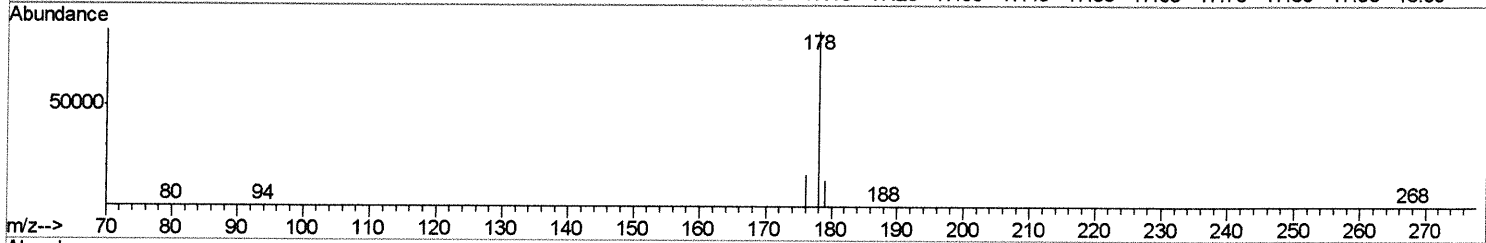
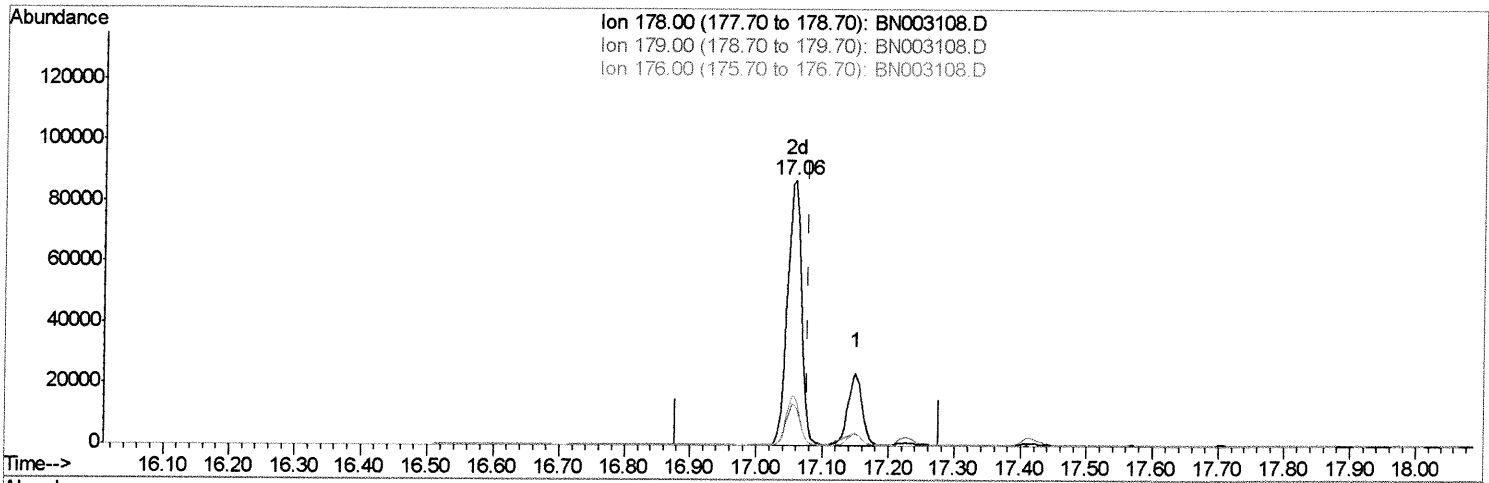
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(12) Phenanthrene

17.056min (-0.021) 5.01ng/ul m > SJ 10/12/18

response 127500

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	15.41
176.00	19.30	18.62
0.00	0.00	0.00

Quantitation Report (Qedit)

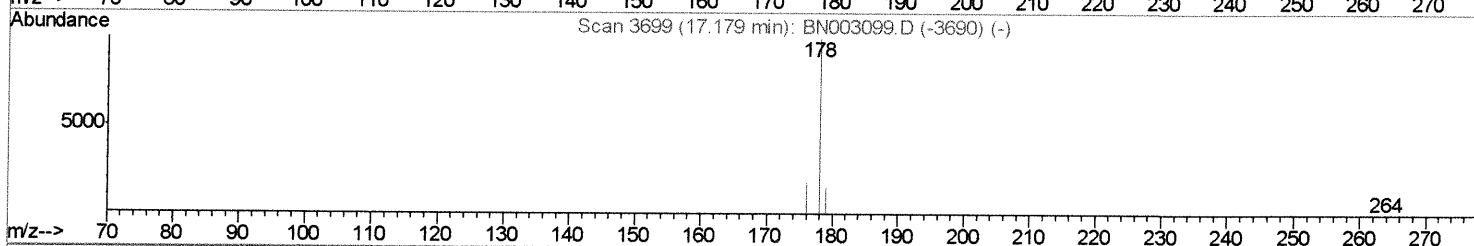
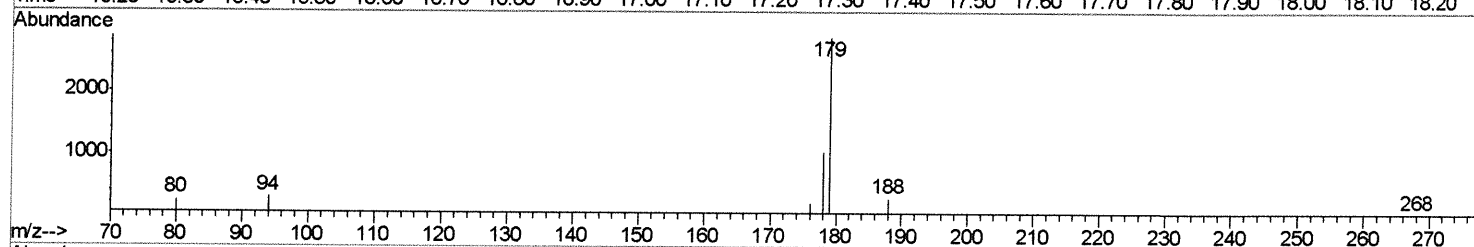
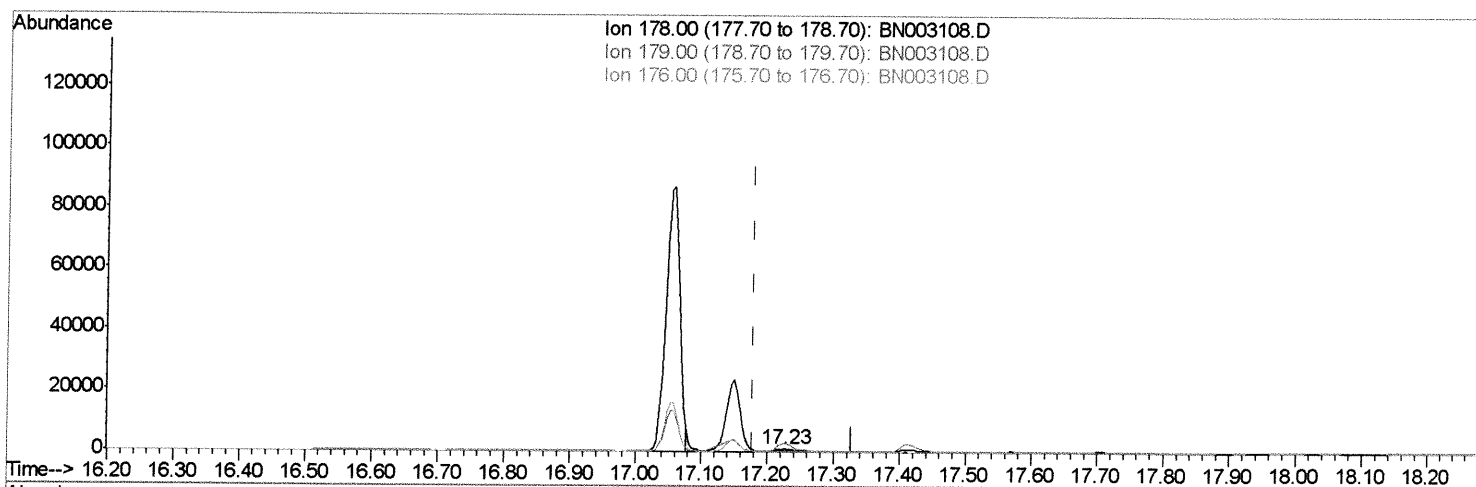
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



TIC: BN003108.D

(13) Anthracene

17.225min (+0.046) 0.05ng/ul

response 1211

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	274.79#
176.00	19.10	19.96
0.00	0.00	0.00

Quantitation Report (Qedit)

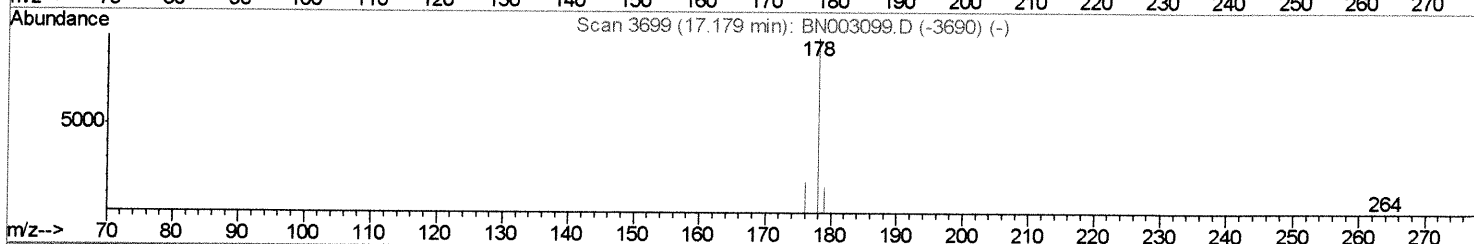
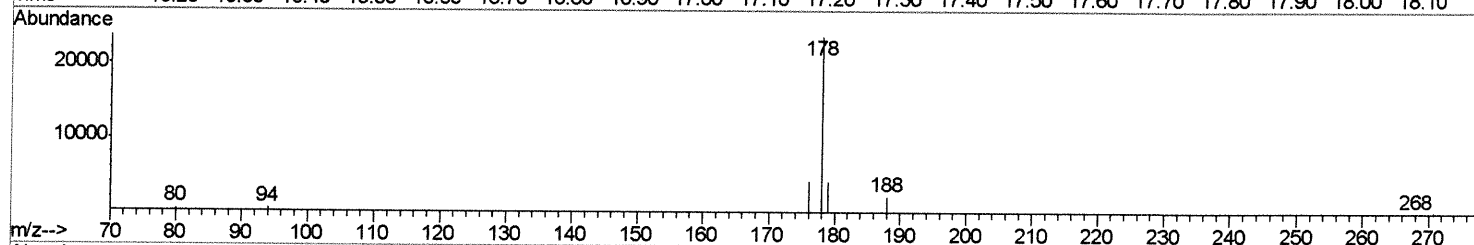
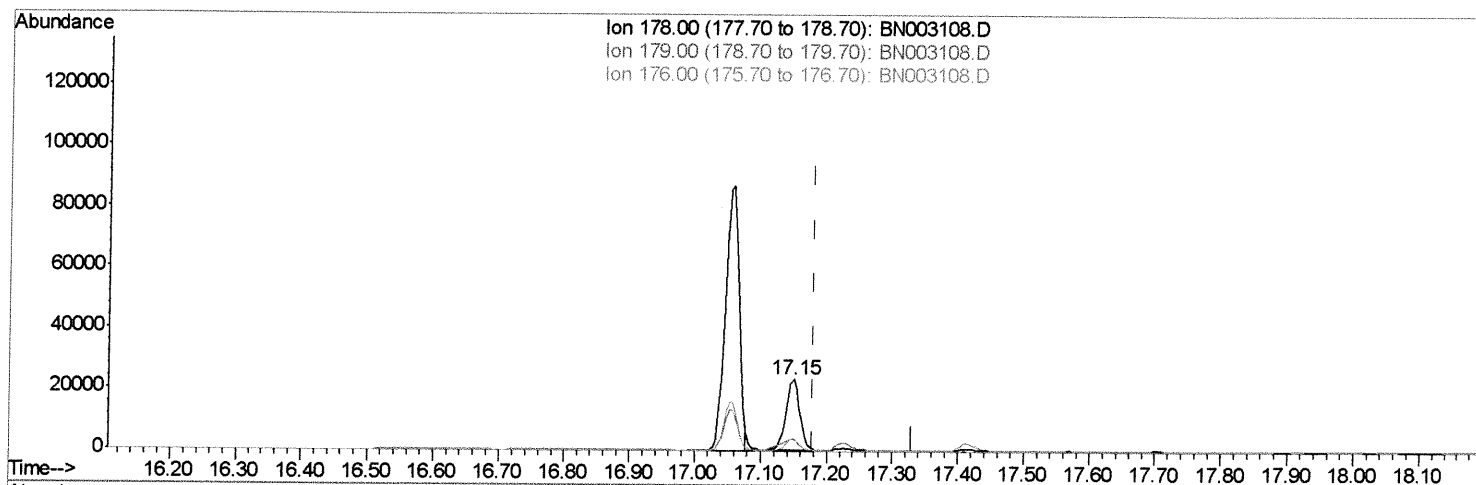
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(13) Anthracene

17.149min (-0.030) 1.47ng/ul $\rightarrow$ SJ 10/12/18

response 35245

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	17.24
176.00	19.10	18.23
0.00	0.00	0.00

Quantitation Report (Qedit)

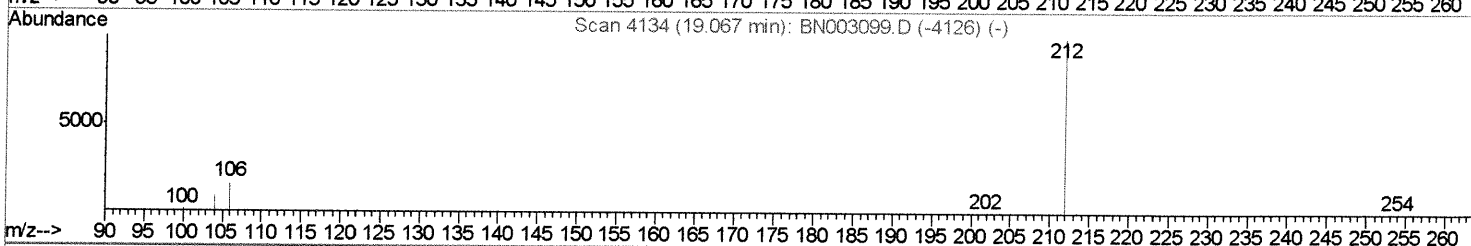
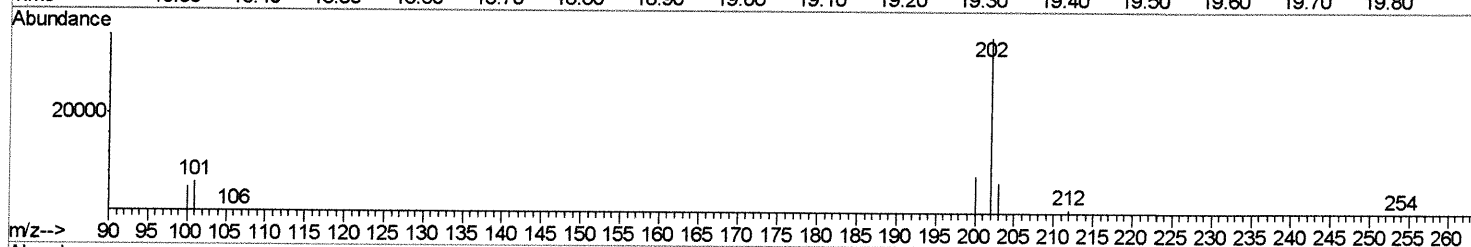
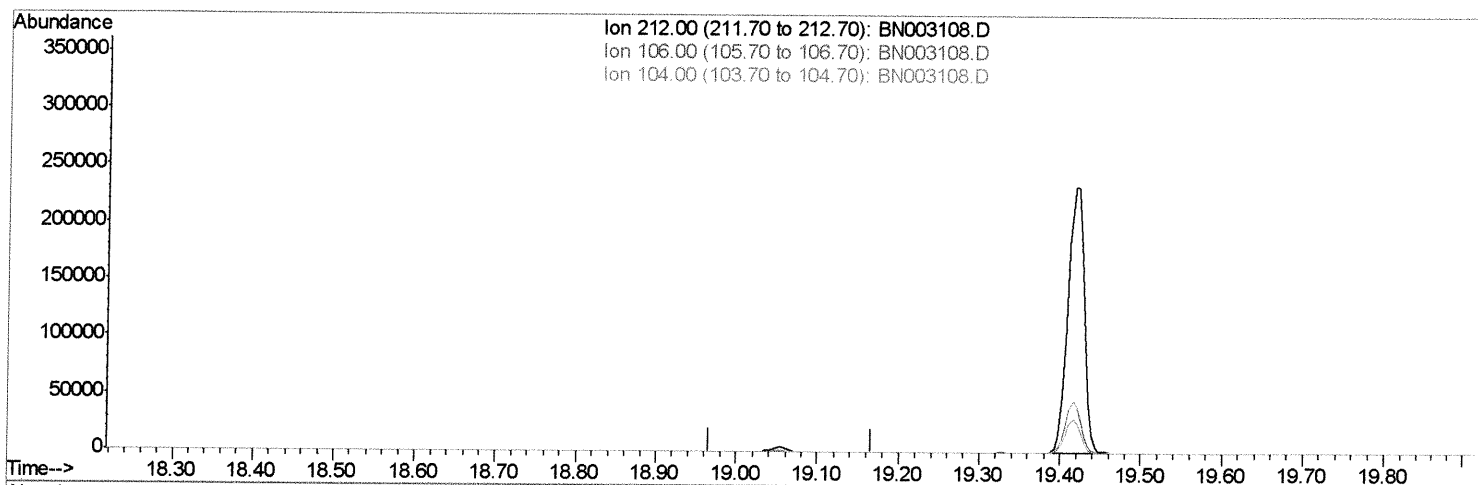
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(14) Fluoranthene-d10 (SURR)

19.067min (-19.067) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

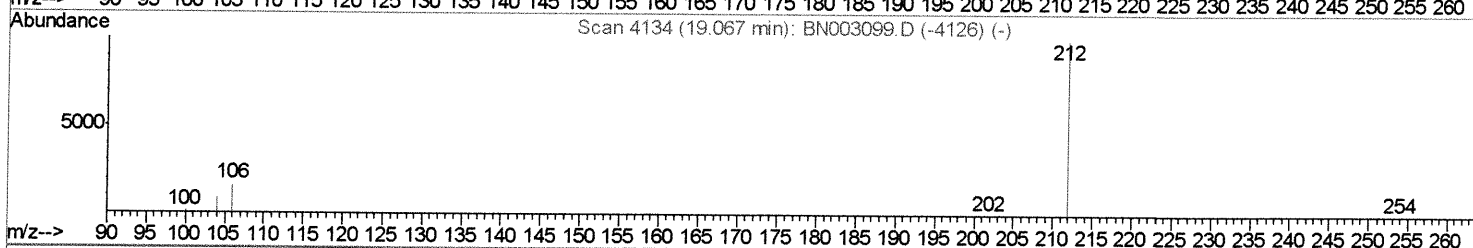
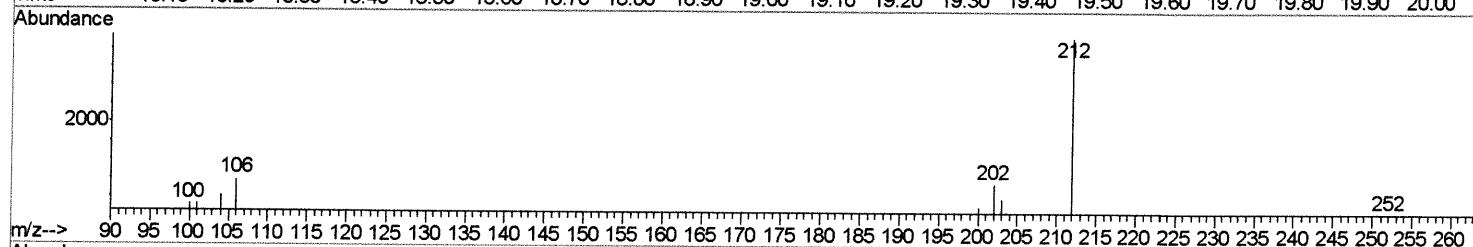
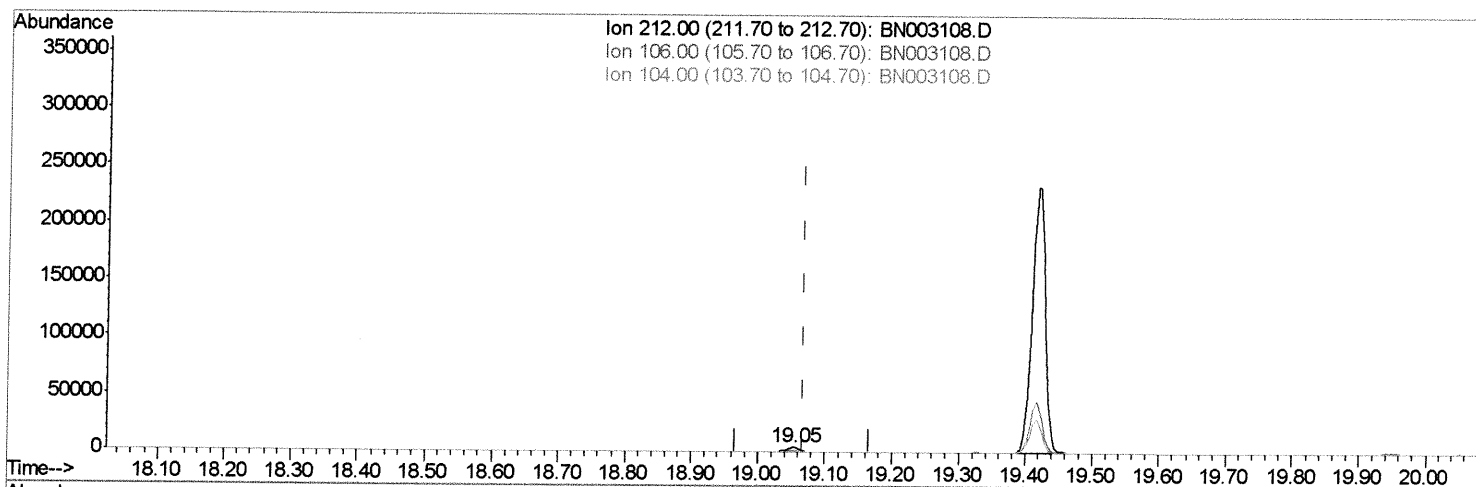
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



TIC: BN003108.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.014) 0.19ng/ul m

response 4901

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

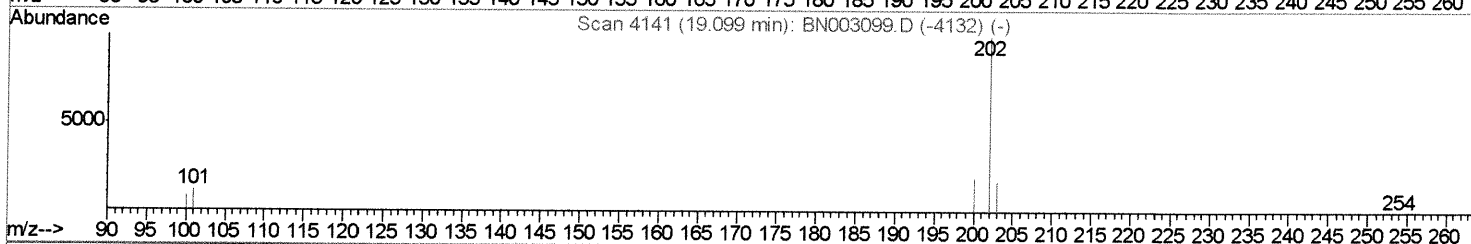
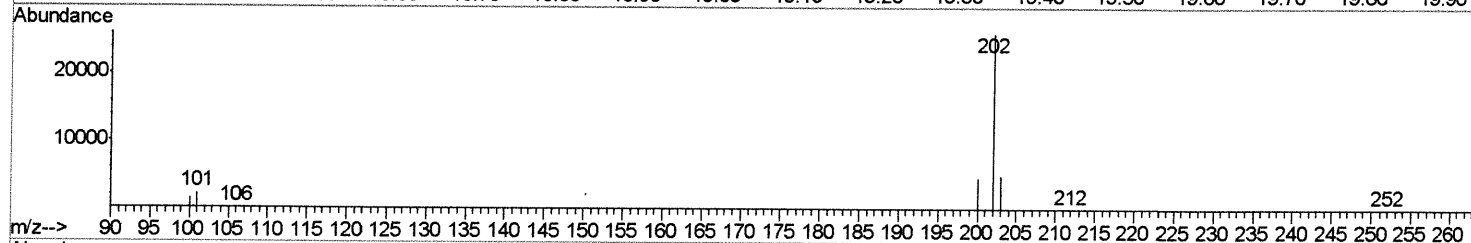
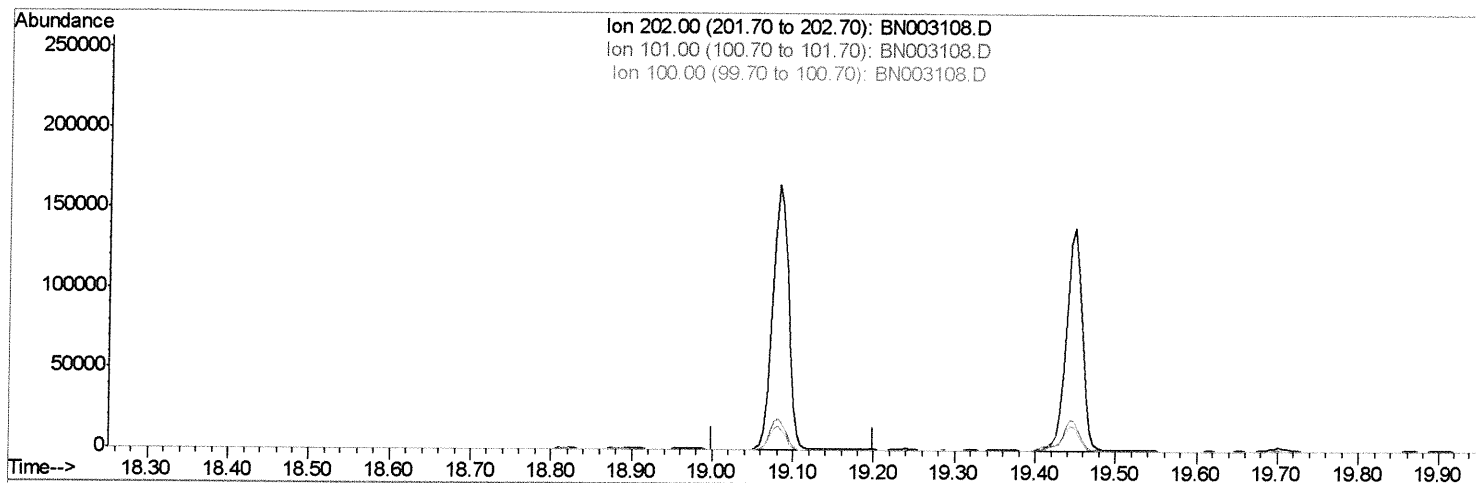
Quant Time: Oct 11 18:54:24 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 11 16:42:09 2018

Response via : Initial Calibration



TIC: BN003108.D

(15) Fluoranthene (C)

19.099min (-19.099) 0.00ng/ui

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.30	0.00
100.00	9.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

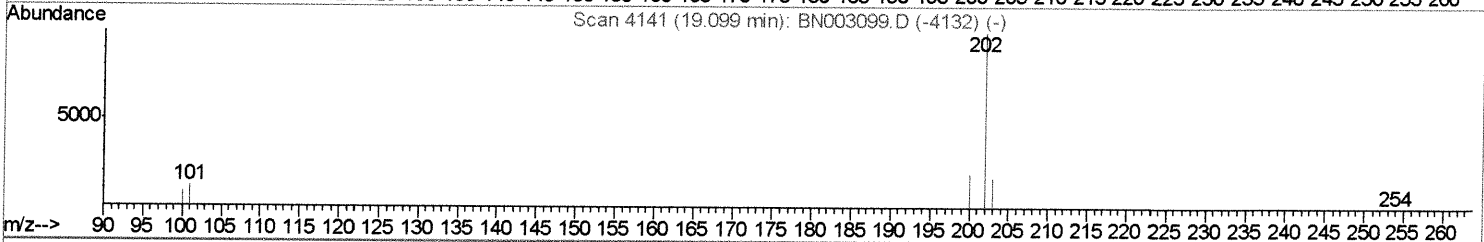
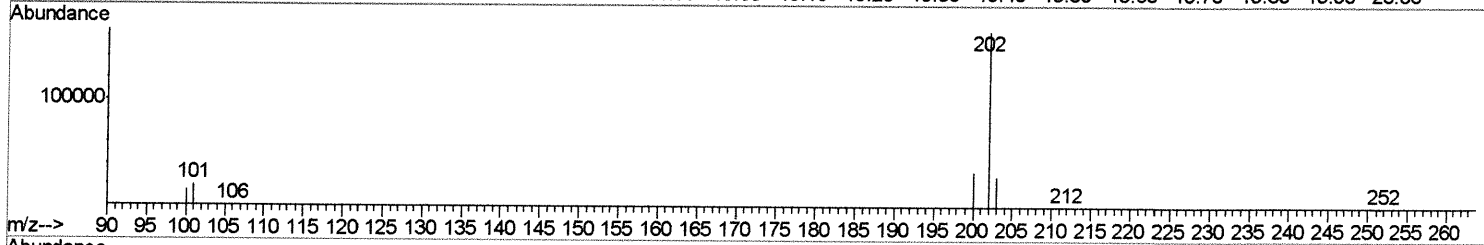
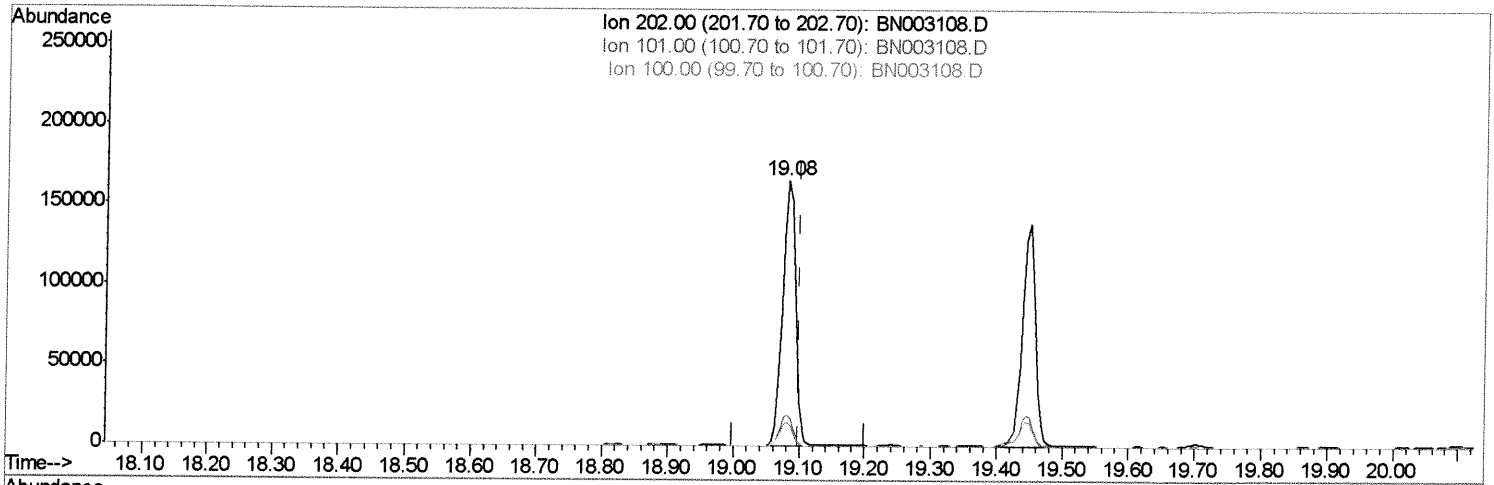
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.081min (-0.019) 7.49ng/ul m> SJ 10/12/18

response 223646

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.01
100.00	9.10	8.99
0.00	0.00	0.00

Quantitation Report (Qedit)

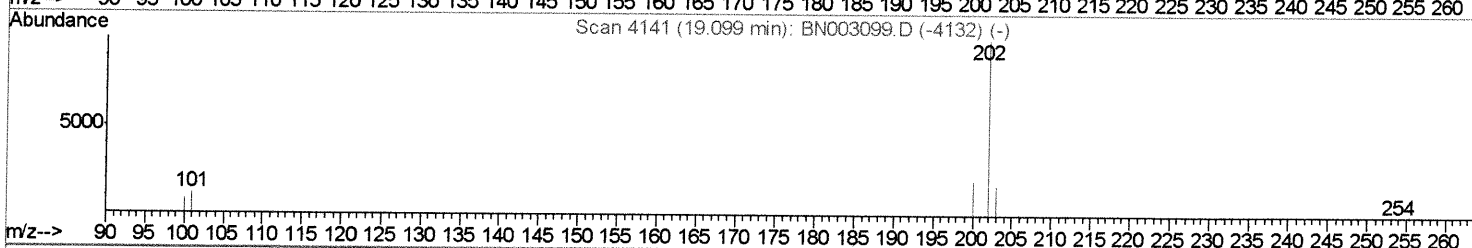
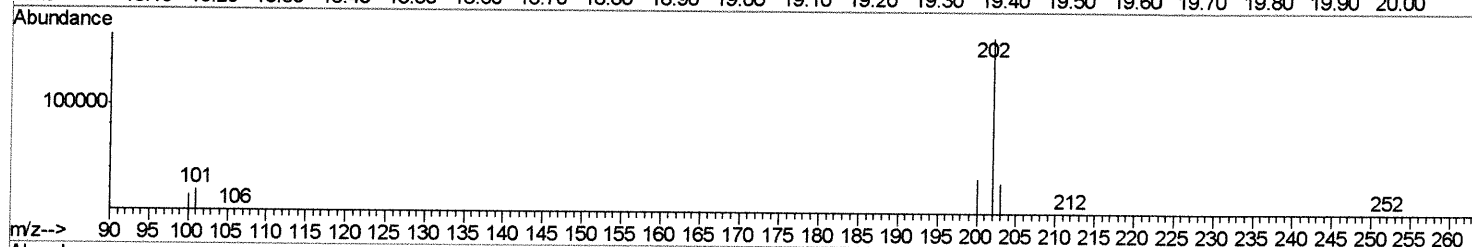
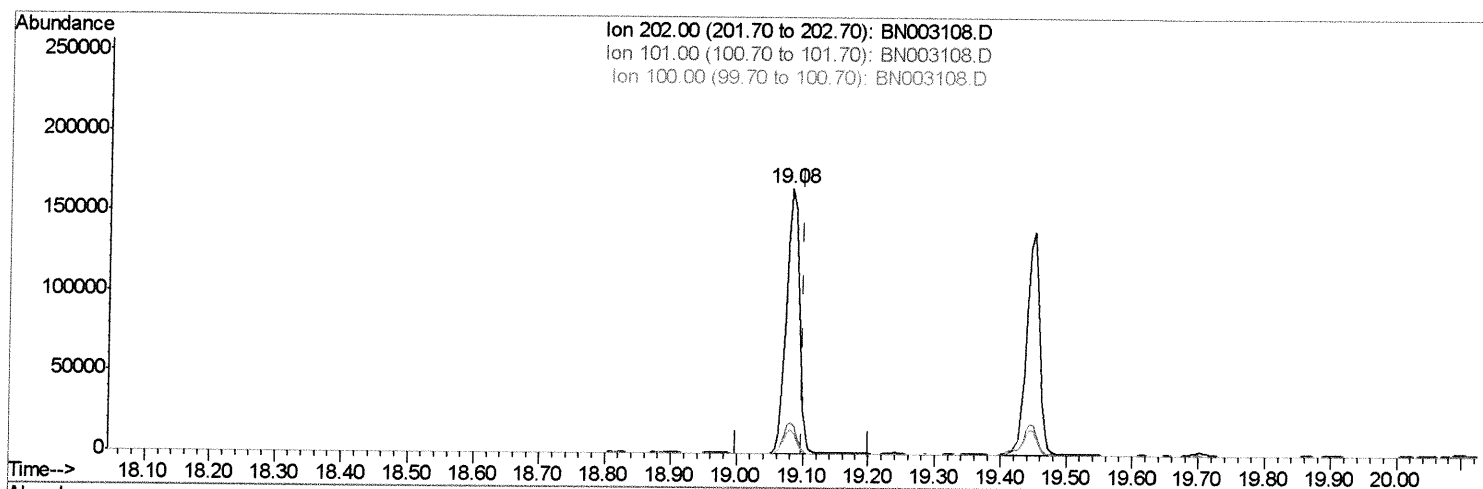
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(15) Fluoranthene (C)

19.081min (-0.019) 7.49ng/ul m) *SD 10/12/18*

response 223646

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.01
100.00	9.10	8.99
0.00	0.00	0.00

Quantitation Report (Qedit)

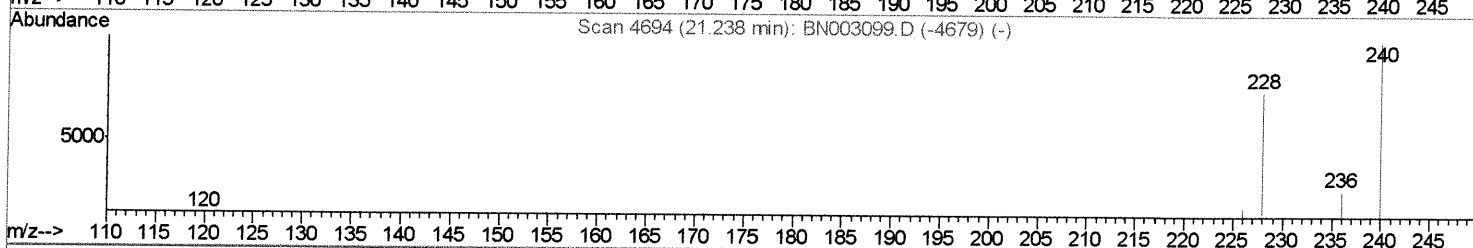
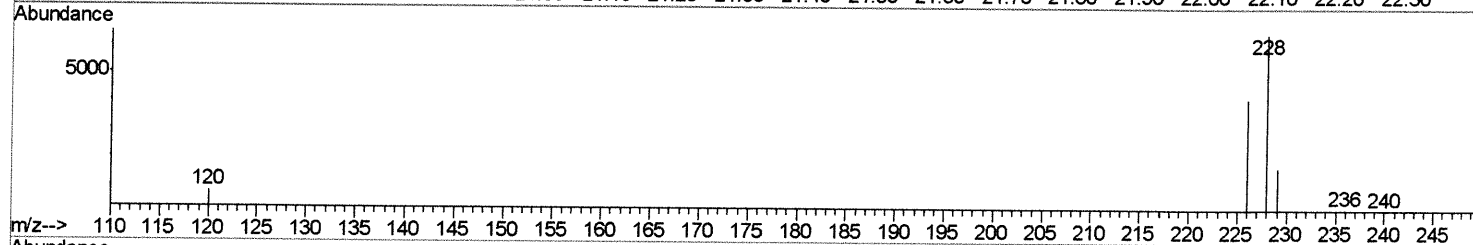
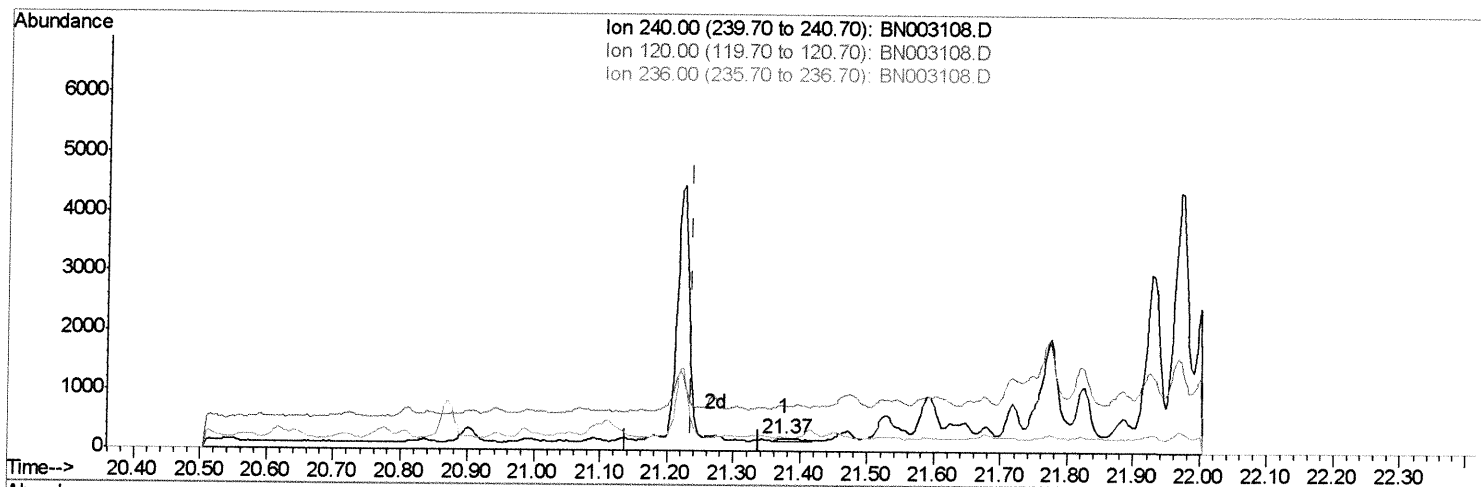
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



TIC: BN003108.D

(16) Chrysene-d12 (I)

21.375min (+0.137) 0.40ng/ul

response 85

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	364.29#
236.00	28.10	109.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

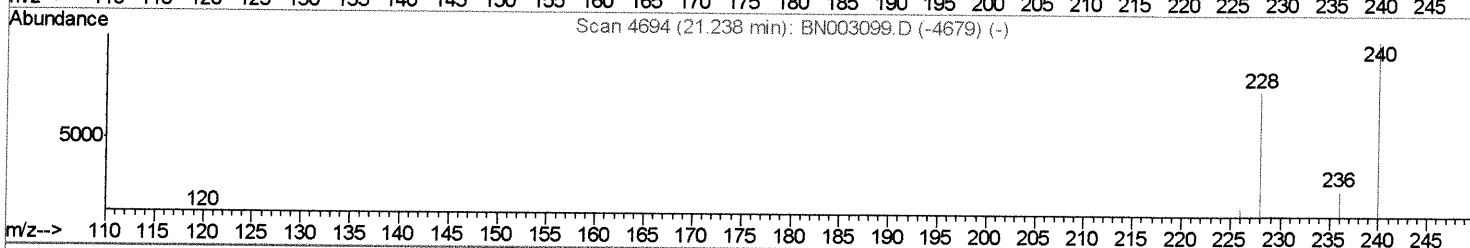
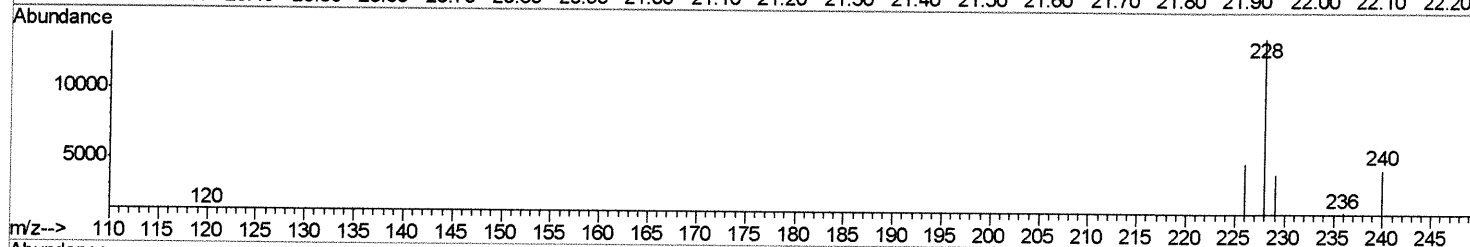
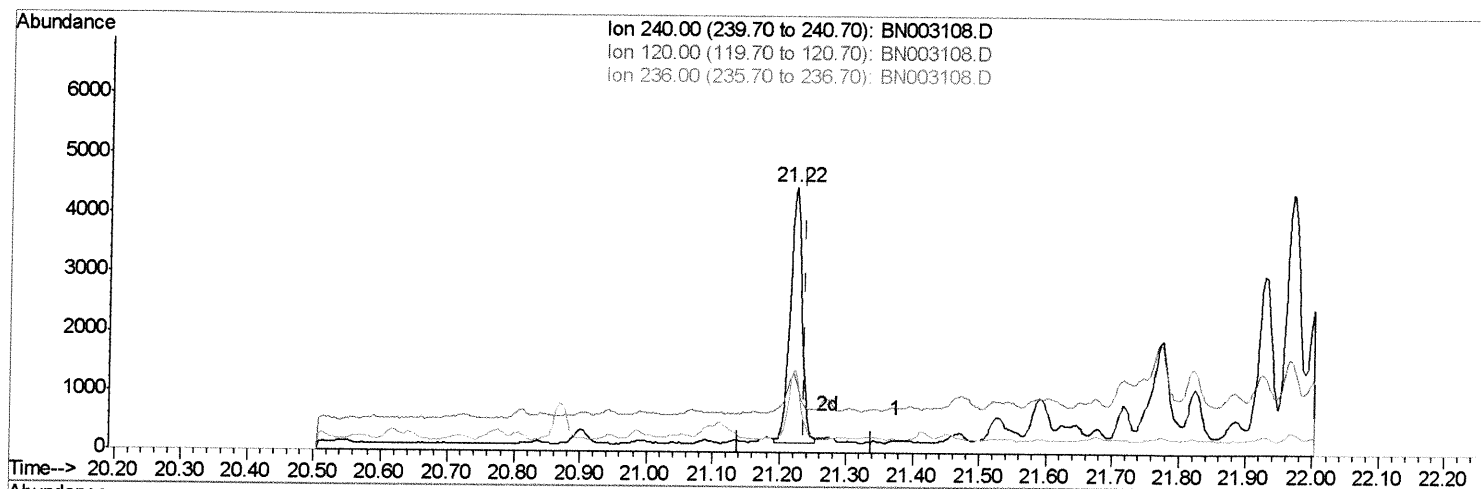
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:54:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



TIC: BN003108.D

(16) Chrysene-d12 (I)

21.223min (-0.015) 0.40ng/ul m) SJ 10/12/18

response 5396

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	28.17#
236.00	28.10	31.24
0.00	0.00	0.00

Quantitation Report (Qedit)

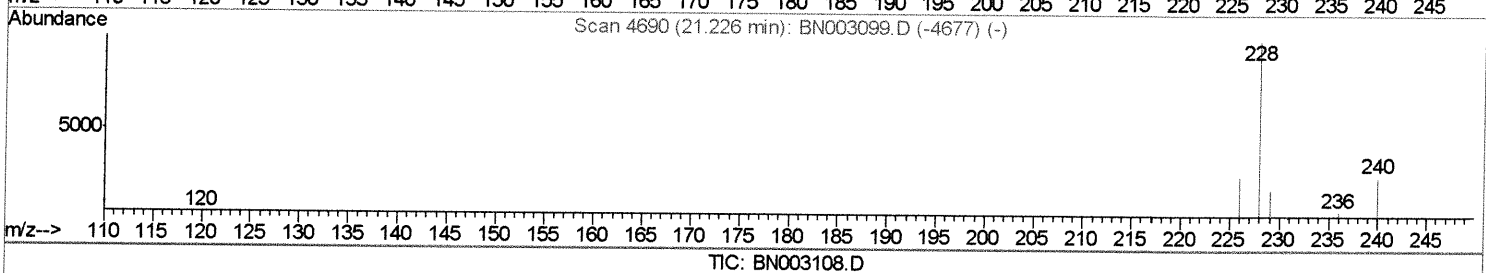
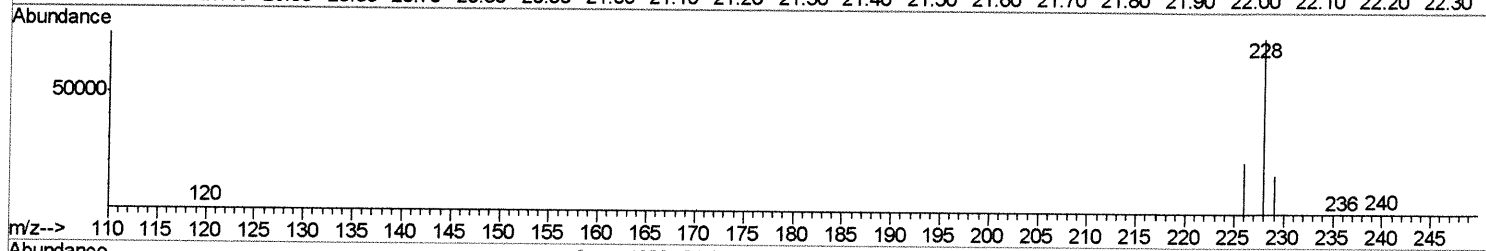
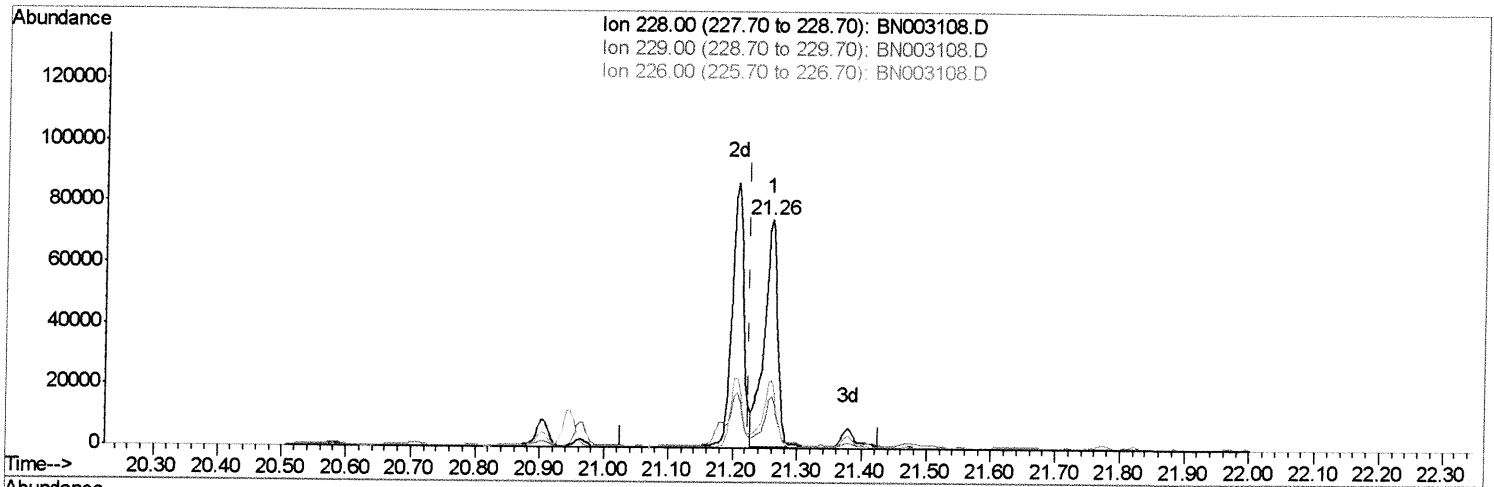
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:58:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(18) Benzo(a)anthracene
 21.258min (+0.032) 6.31ng/ul
 response 109494

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	22.50
226.00	27.90	29.98
0.00	0.00	0.00

Quantitation Report (Qedit)

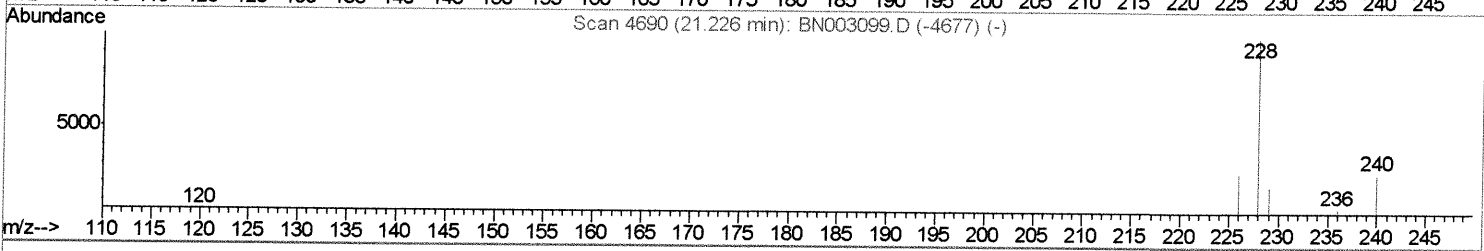
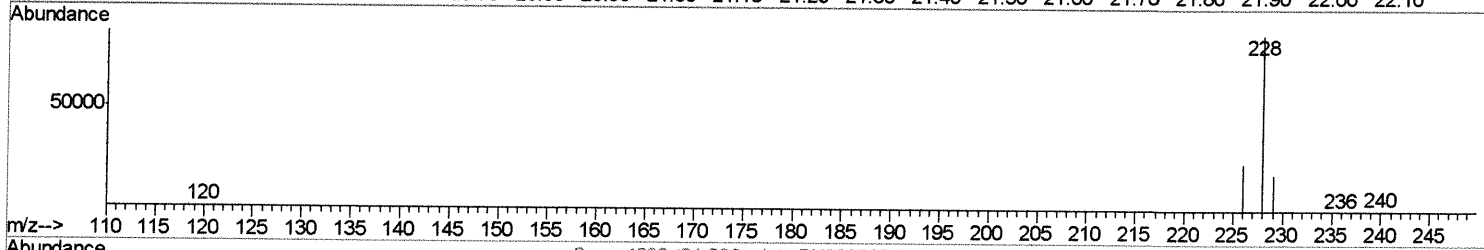
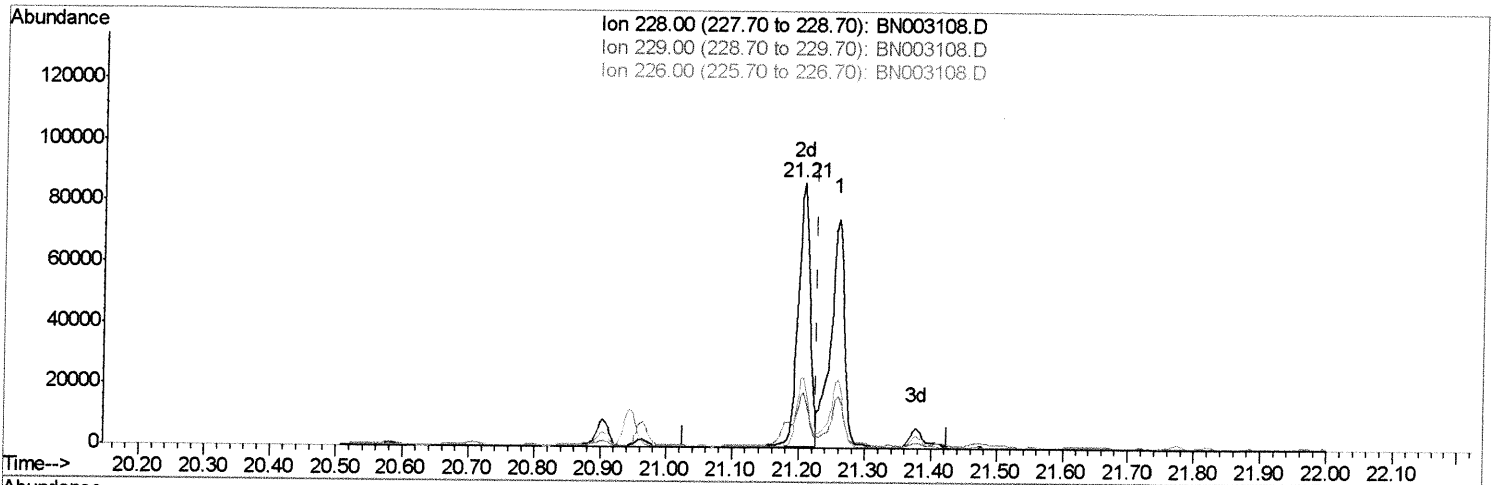
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:58:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(18) Benzo(a)anthracene

21.206min (-0.021) 6.28ng/ul m > 52 10/12/18

response 109024

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	20.88
226.00	27.90	26.87
0.00	0.00	0.00

Quantitation Report (Qedit)

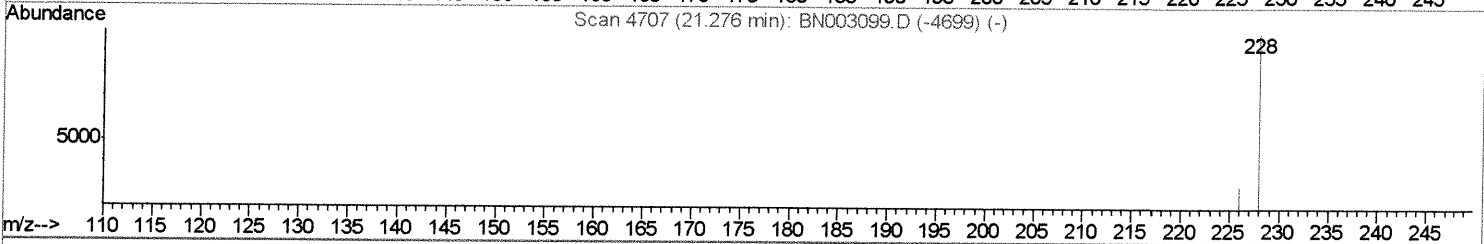
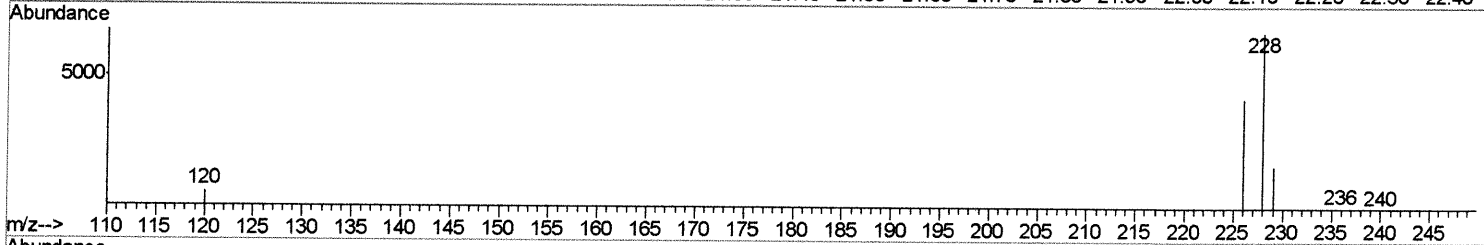
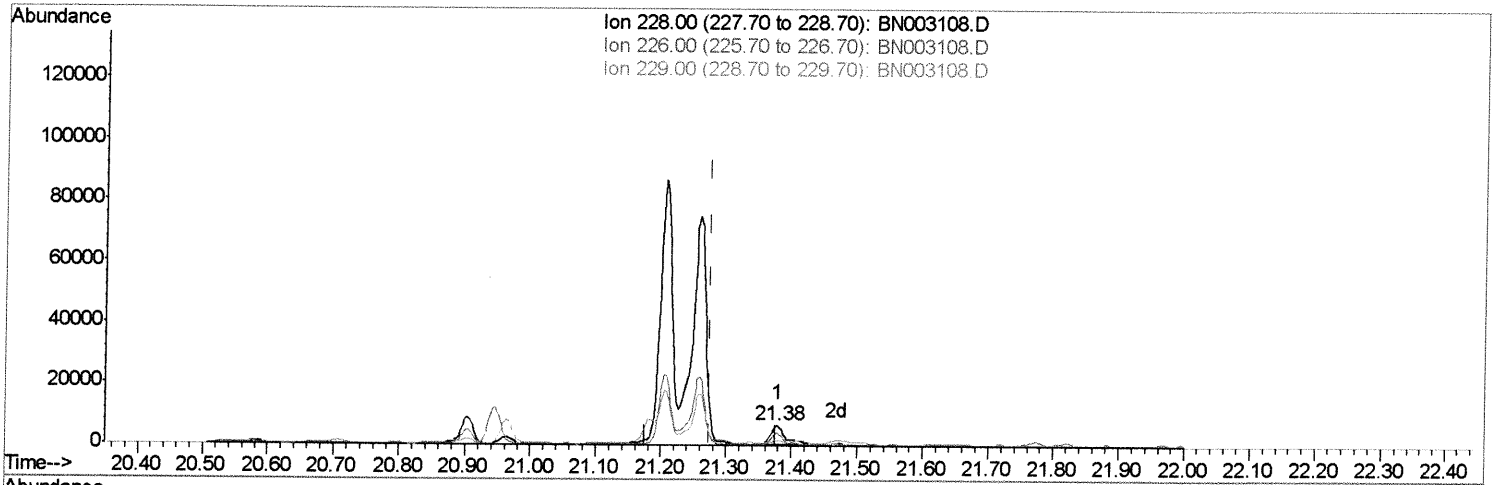
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:58:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(19) Chrysene

21.378min (+0.102) 0.56ng/ul

response 9927

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	63.60#
229.00	20.90	26.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

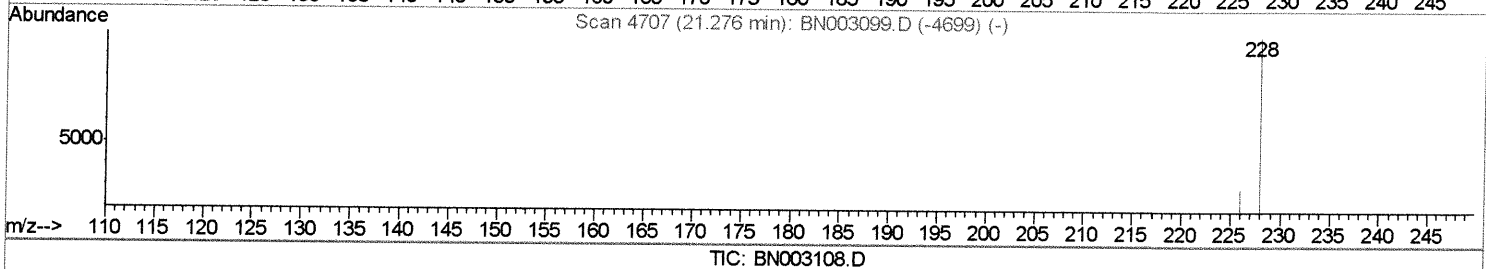
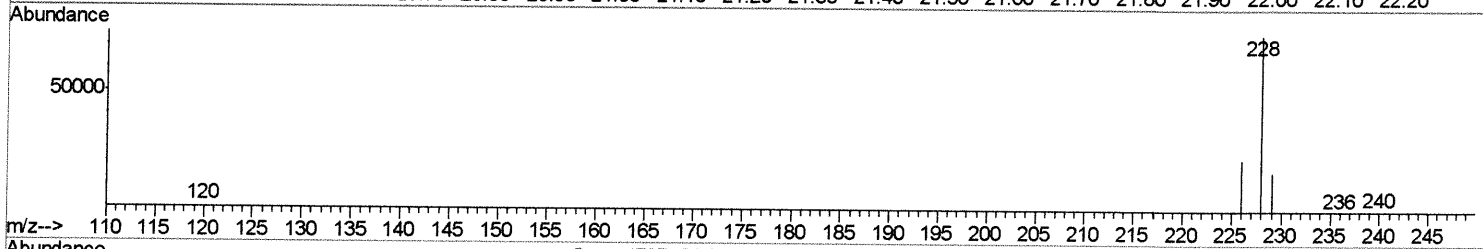
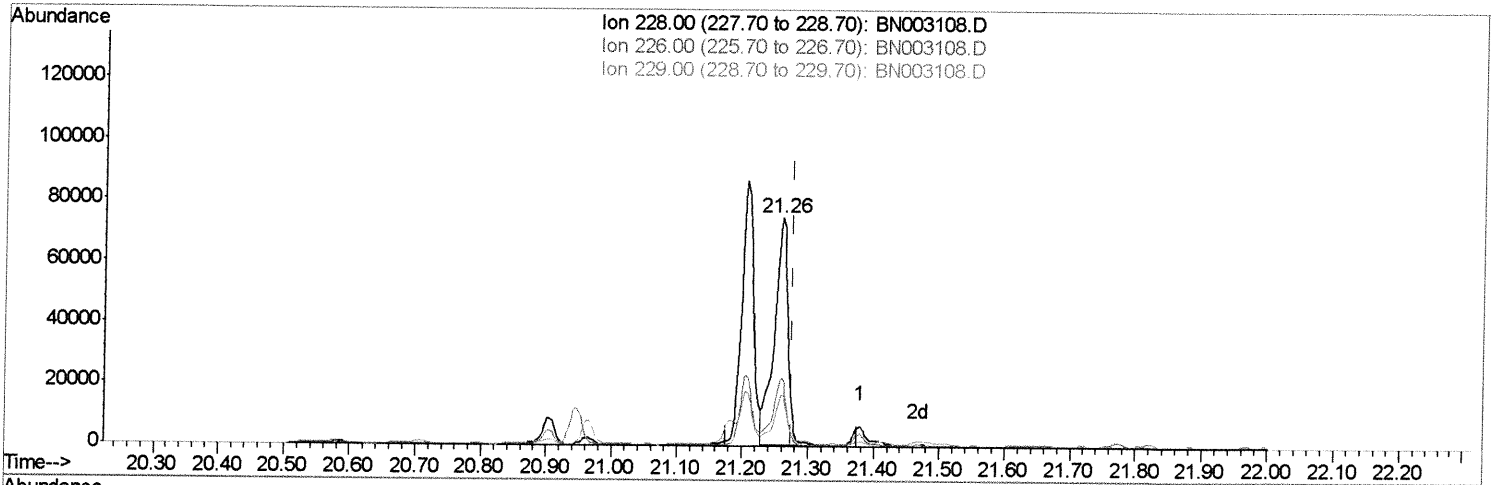
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:58:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



(19) Chrysene

21.258min (-0.018) 6.19ng/ul m > SJ 10/12/18

response 109148

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	29.98
229.00	20.90	22.50
0.00	0.00	0.00

Quantitation Report (Qedit)

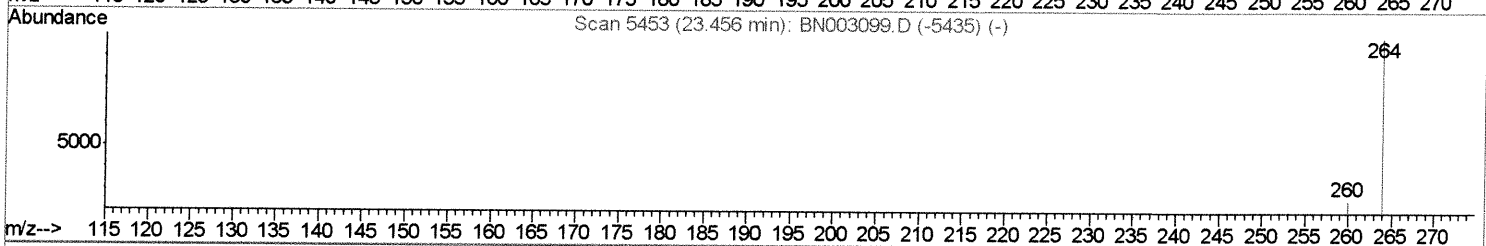
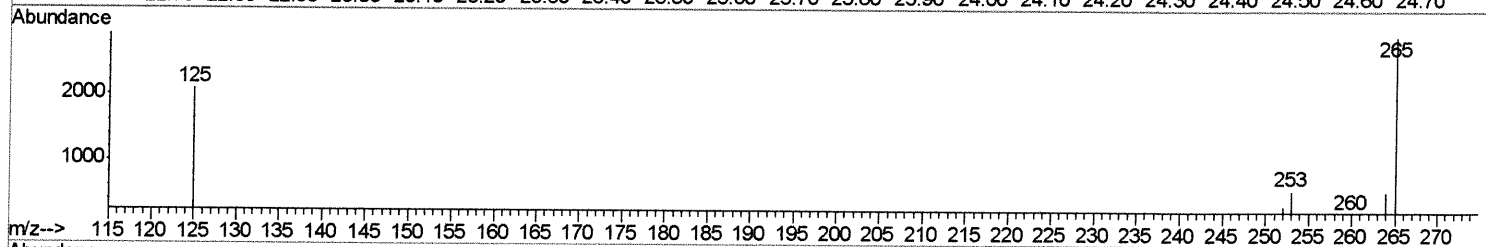
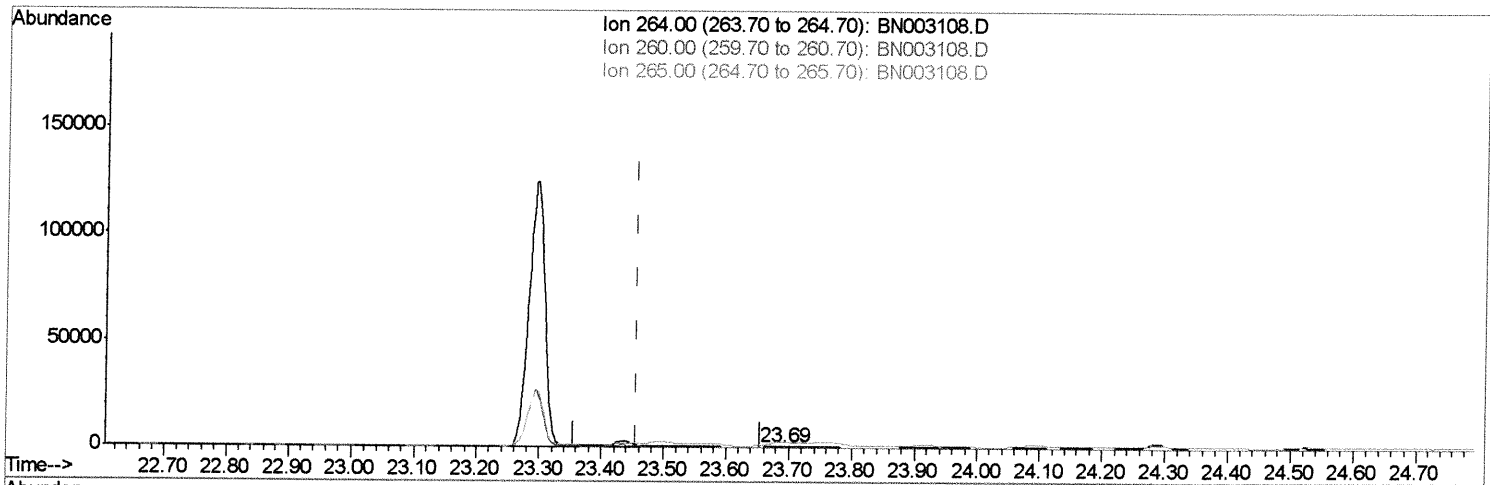
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:58:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(20) Perylene-d12 (I)
 23.690min (+0.234) 0.40ng/ul
 response 1820

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	42.78#
265.00	45.40	527.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

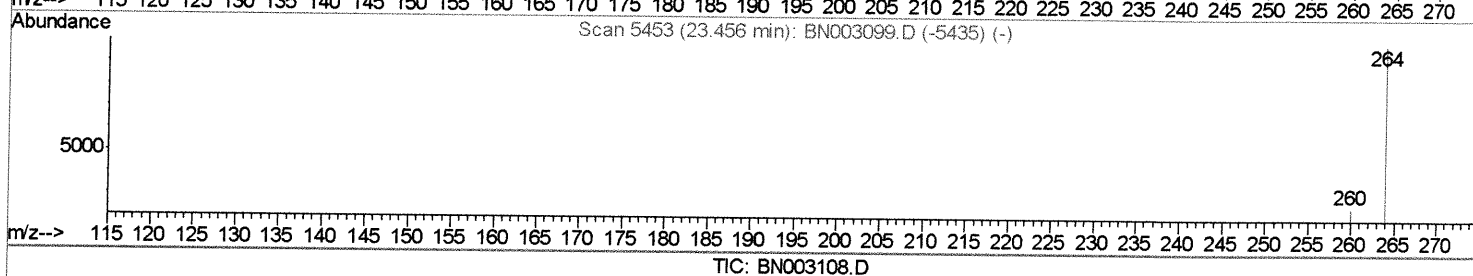
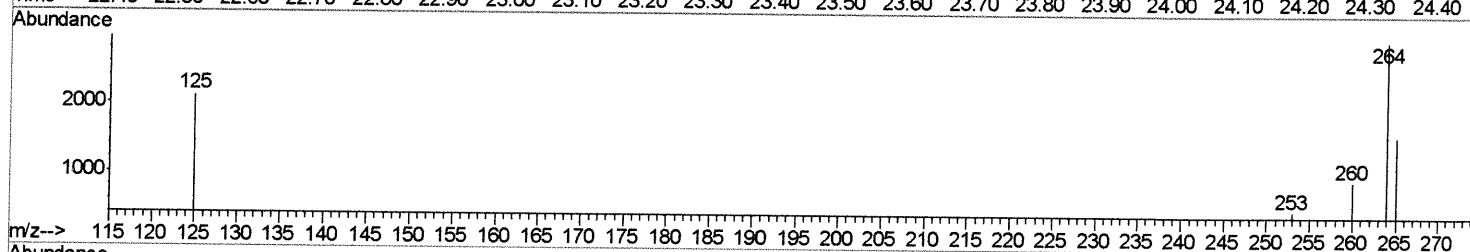
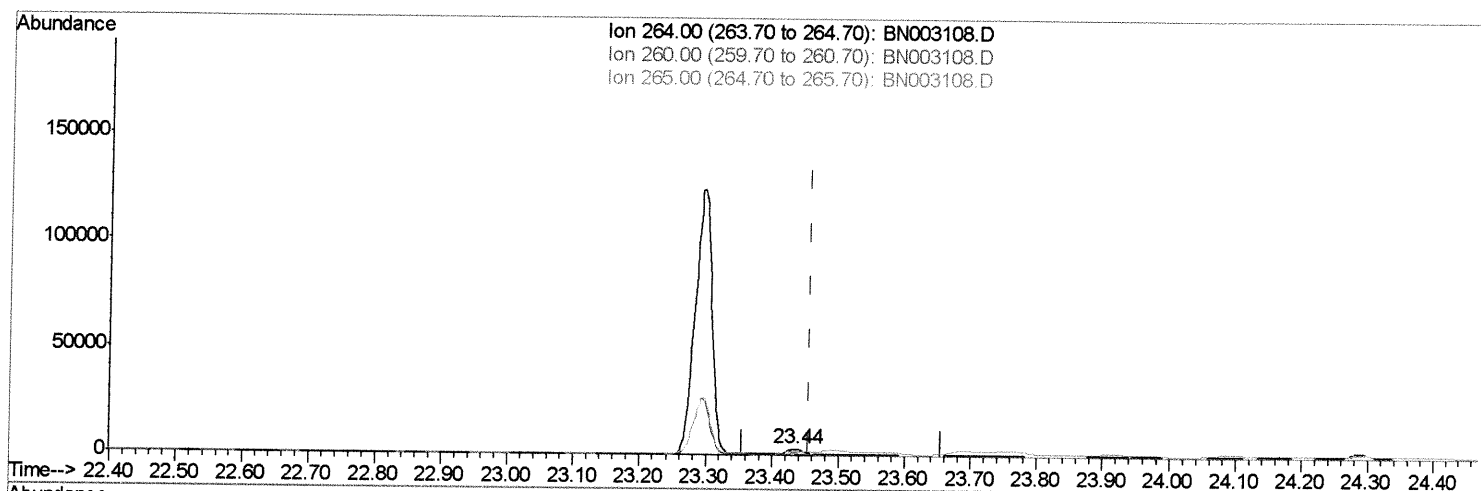
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 18:58:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



TIC: BN003108.D

(20) Perylene-d12 (I)

23.436min (-0.021) 0.40ng/ul m

response 4849

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	31.05
265.00	45.40	53.04
0.00	0.00	0.00

Quantitation Report (Qedit)

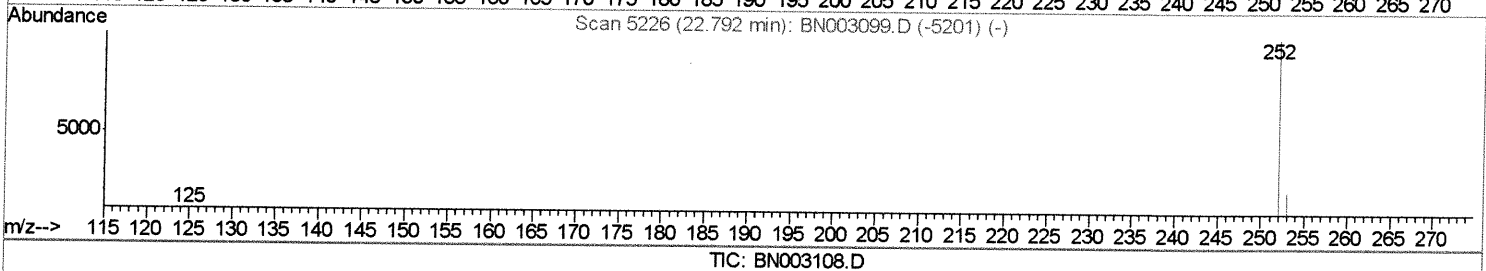
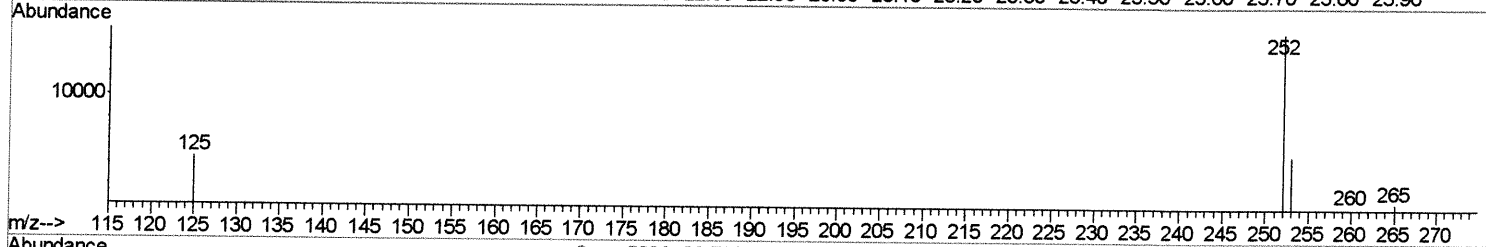
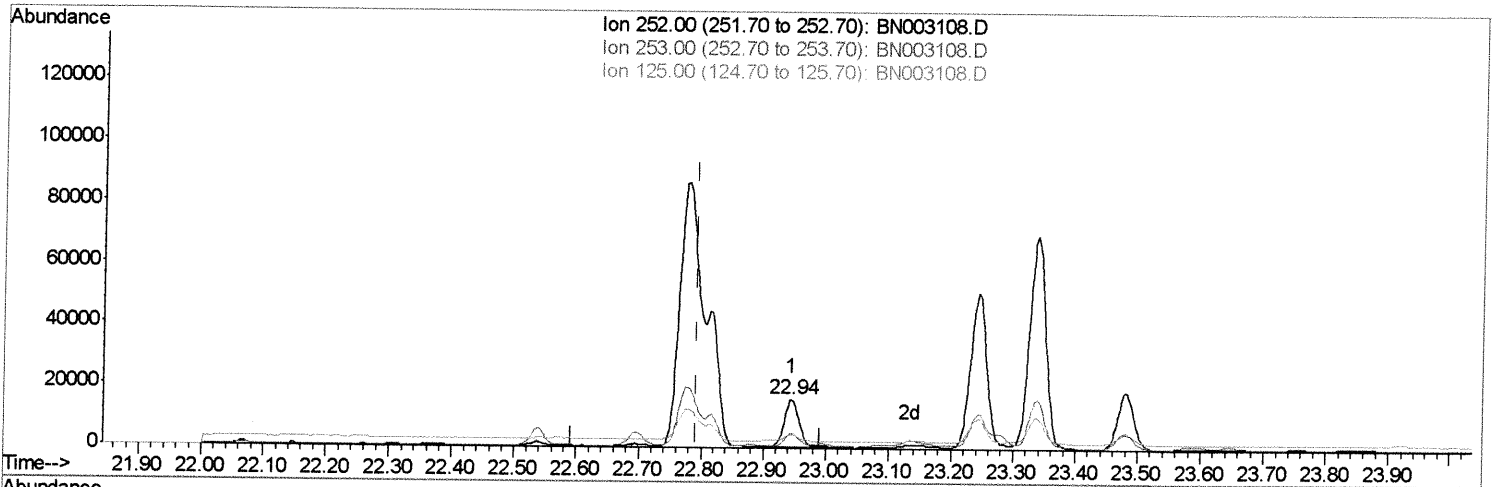
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.944min (+0.152) 1.53ng/ul
 response 26714

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.67
125.00	17.10	27.99
0.00	0.00	0.00

Quantitation Report (Qedit)

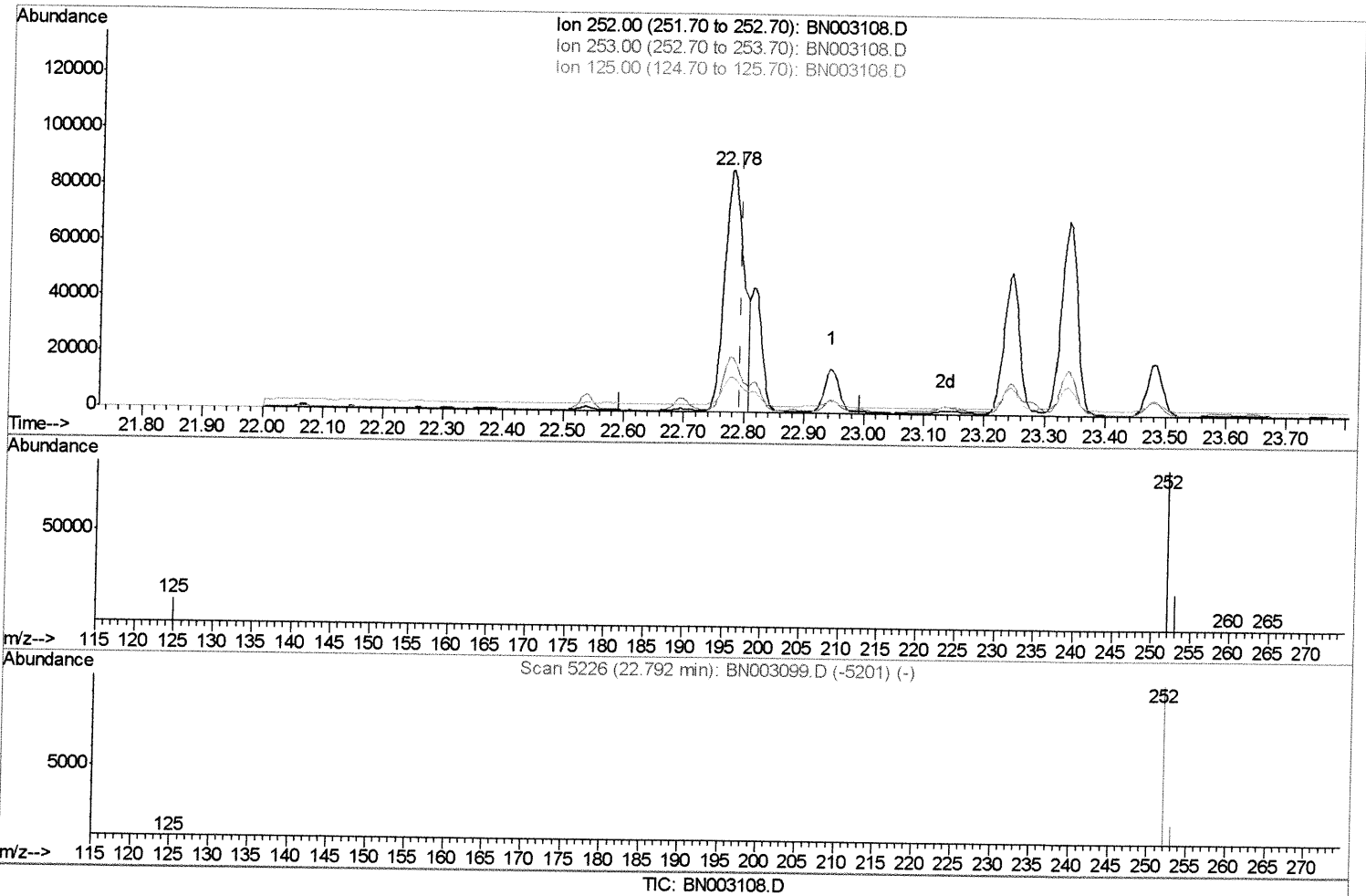
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.778min (-0.015) 11.21ng/ul m > SJ 10/12/18

response 195764

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.80
125.00	17.10	14.64
0.00	0.00	0.00

Quantitation Report (Qedit)

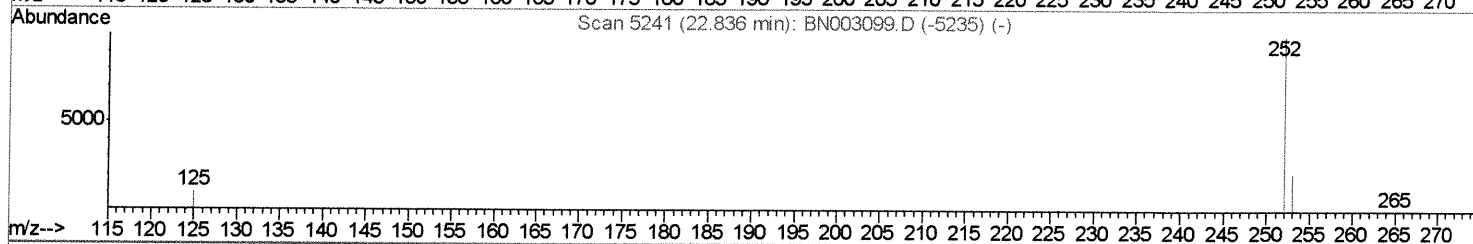
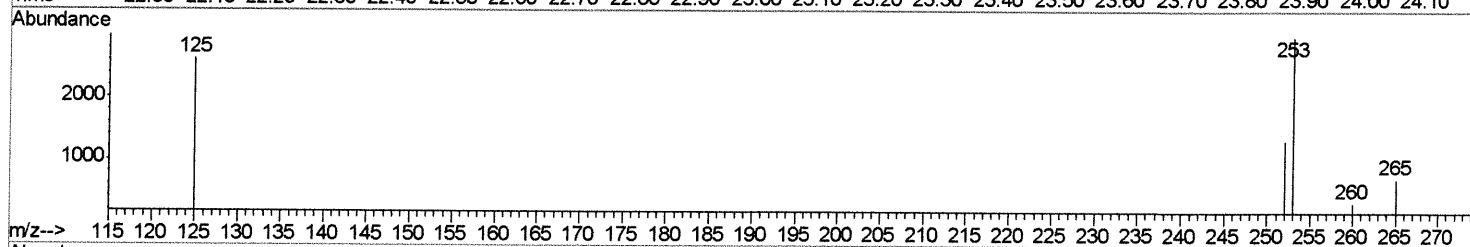
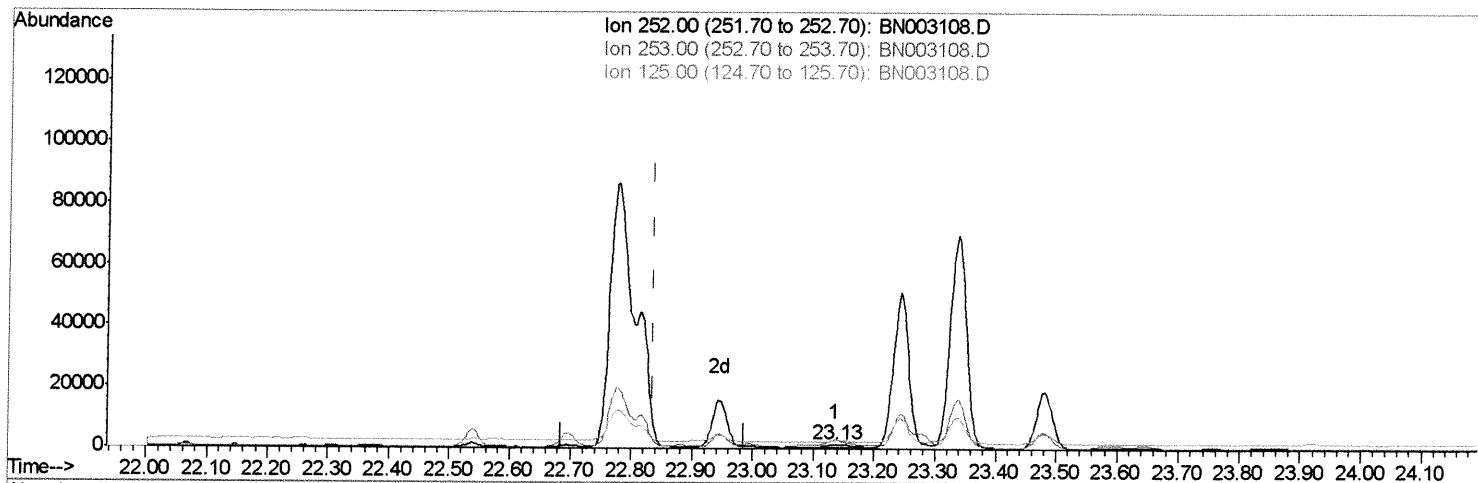
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(22) Benzo(k)fluoranthene

23.134min (+0.298) 0.14ng/ul

response 2540

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	226.70#
125.00	17.60	198.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

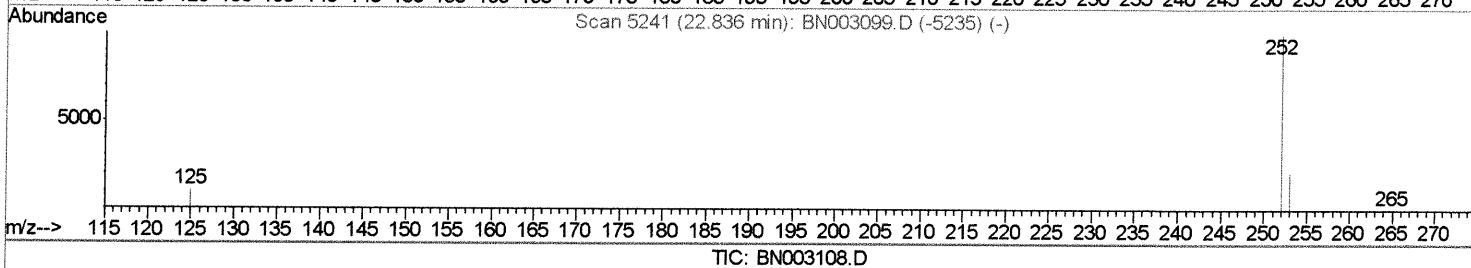
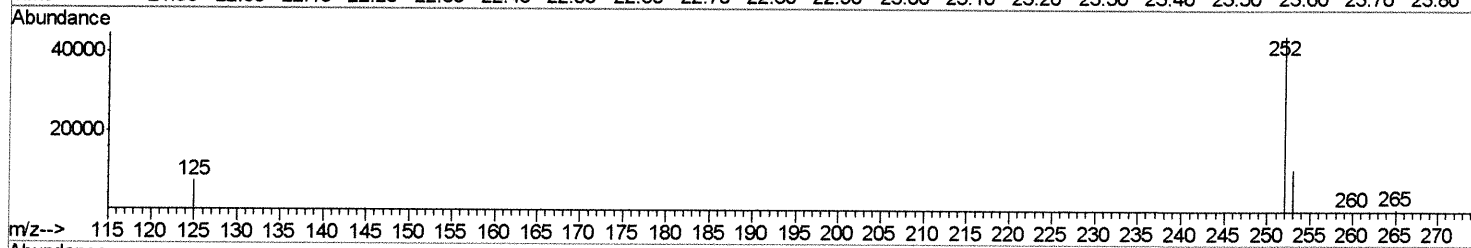
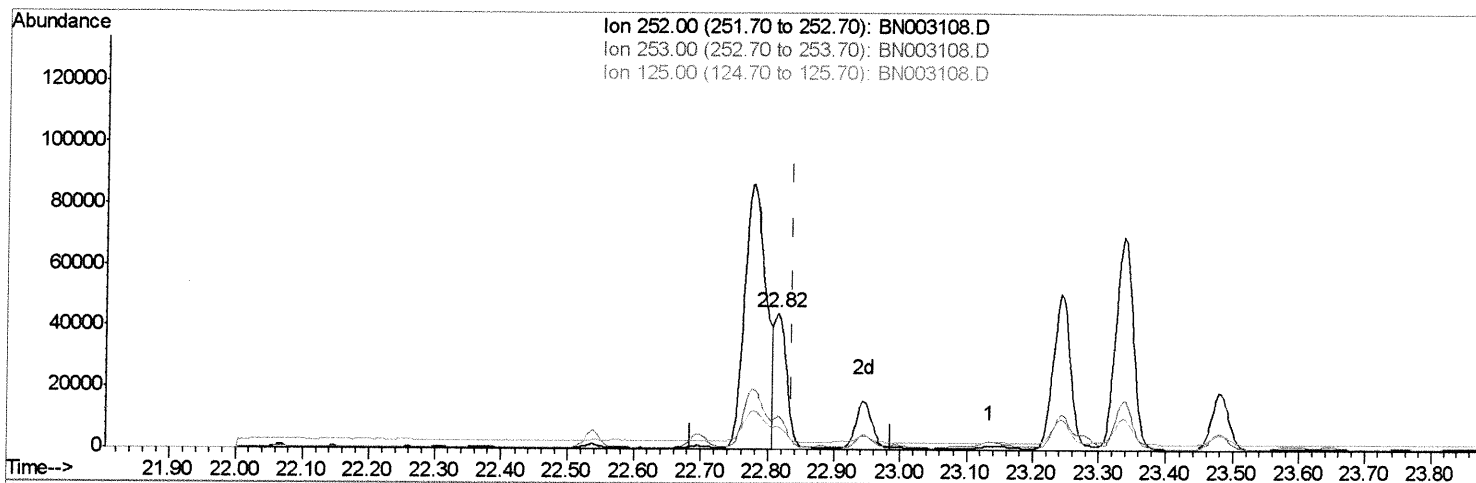
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.816min (-0.021) 3.10ng/ul m > SJ 10/12/18

response 56133

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.34
125.00	17.60	16.60
0.00	0.00	0.00

Quantitation Report (Qedit)

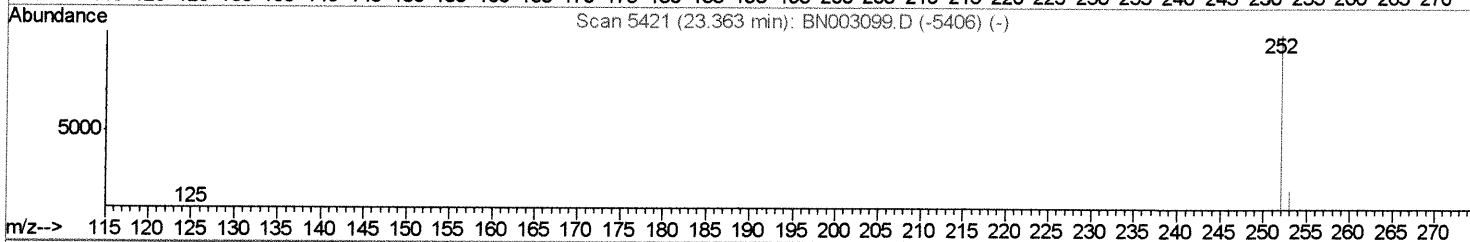
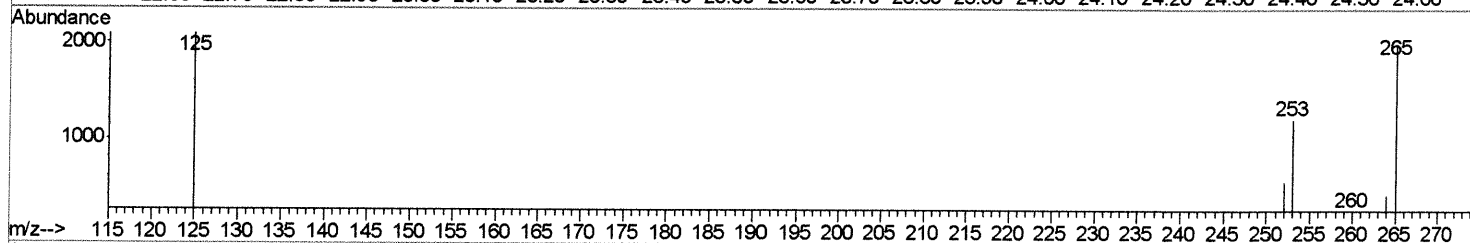
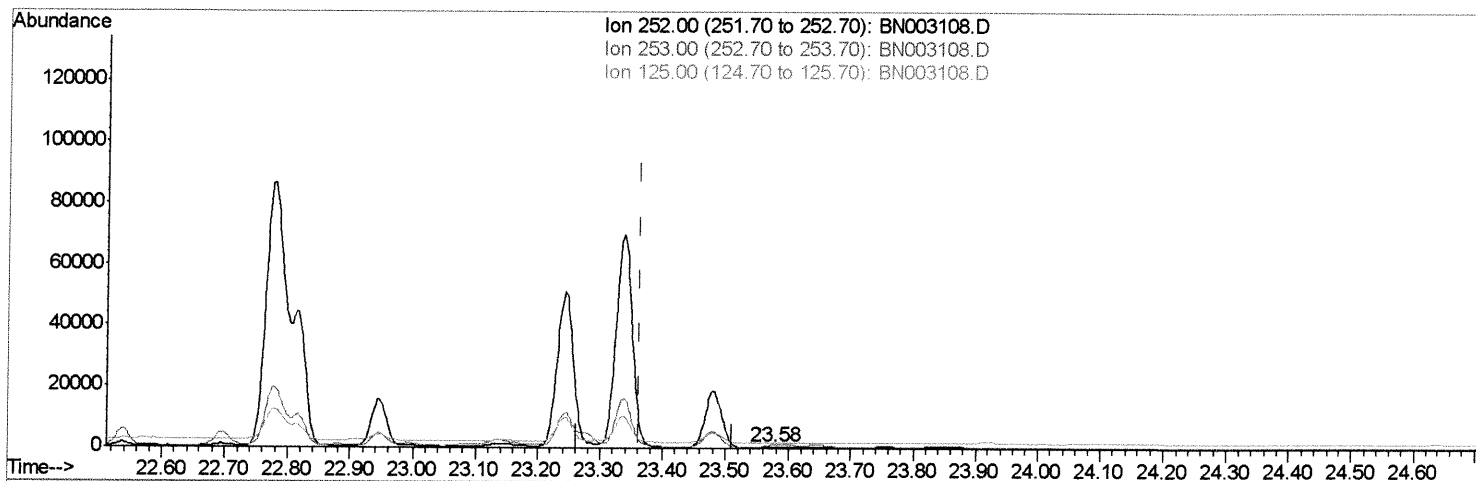
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(23) Benzo(a)pyrene (C)
 23.576min (+0.213) 0.07ng/ul
 response 1052

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	216.49#
125.00	21.10	375.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

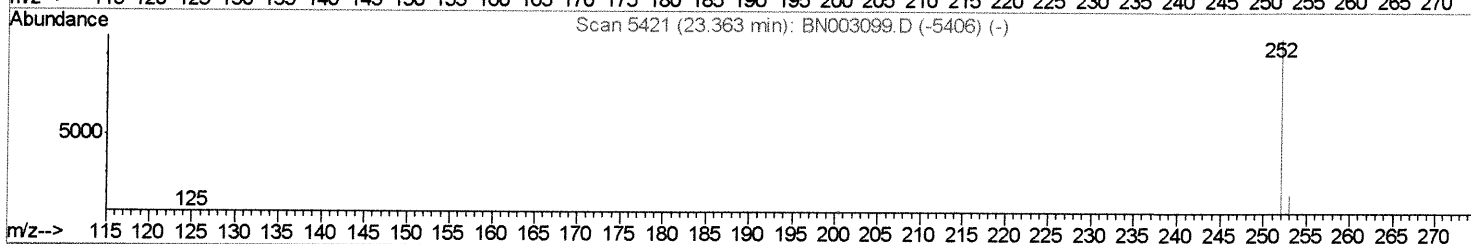
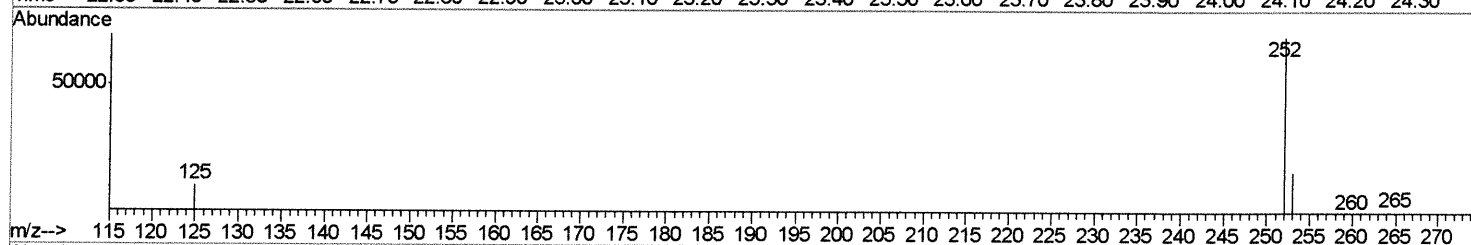
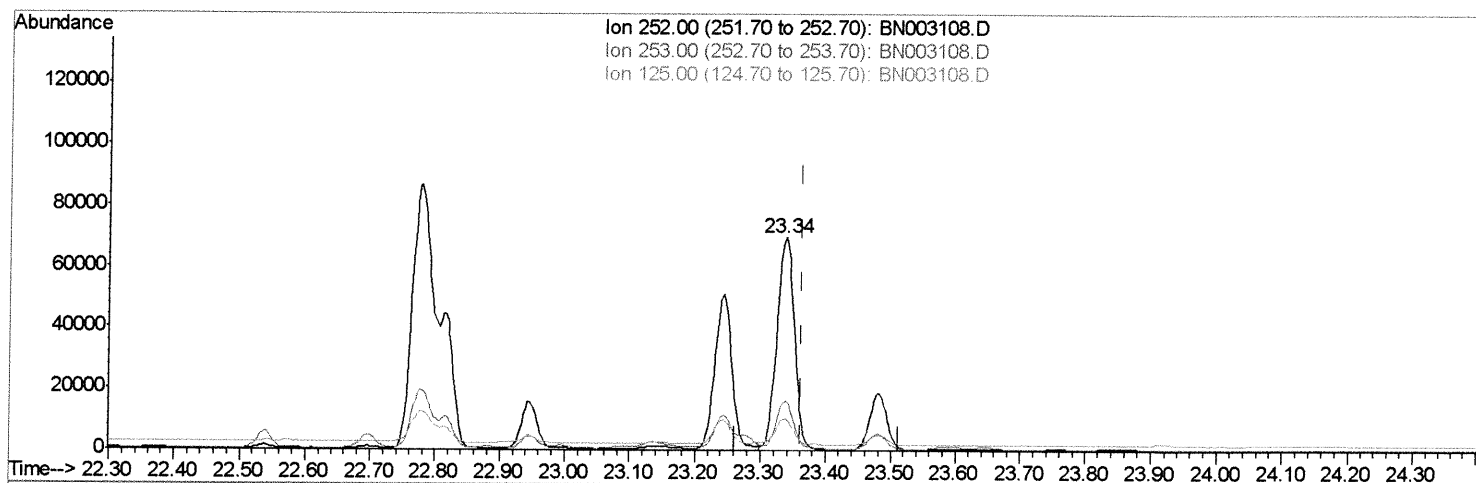
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

(23) Benzo(a)pyrene (C)

23.336min (-0.026) 8.29ng/ul m> SJ 10/12/18

response 129671

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	23.46
125.00	21.10	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

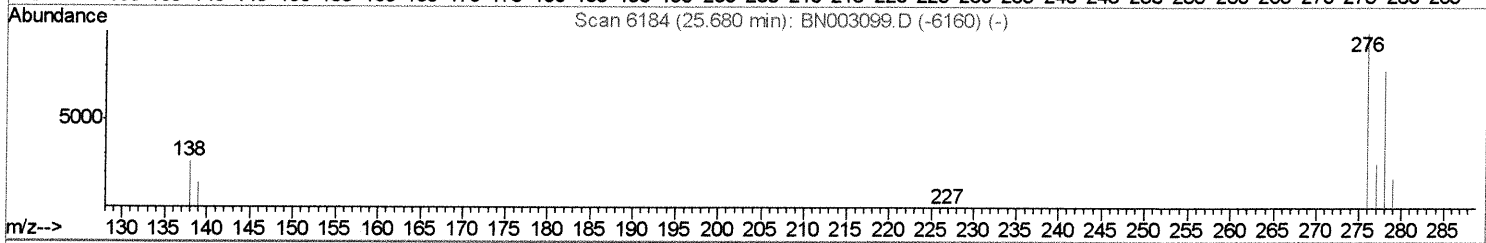
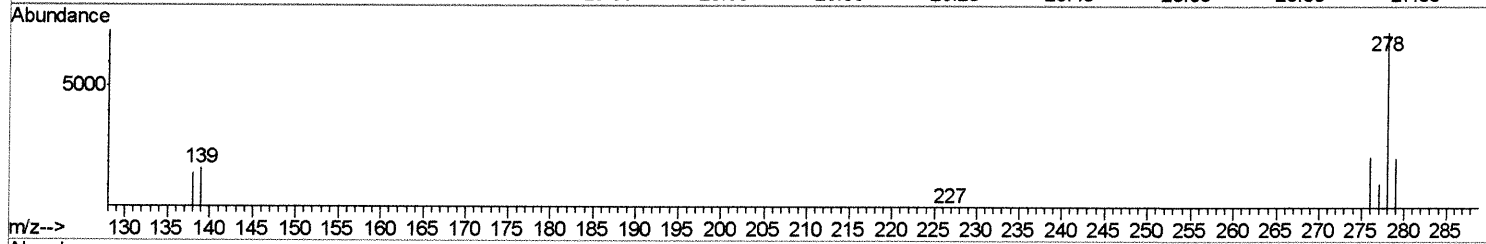
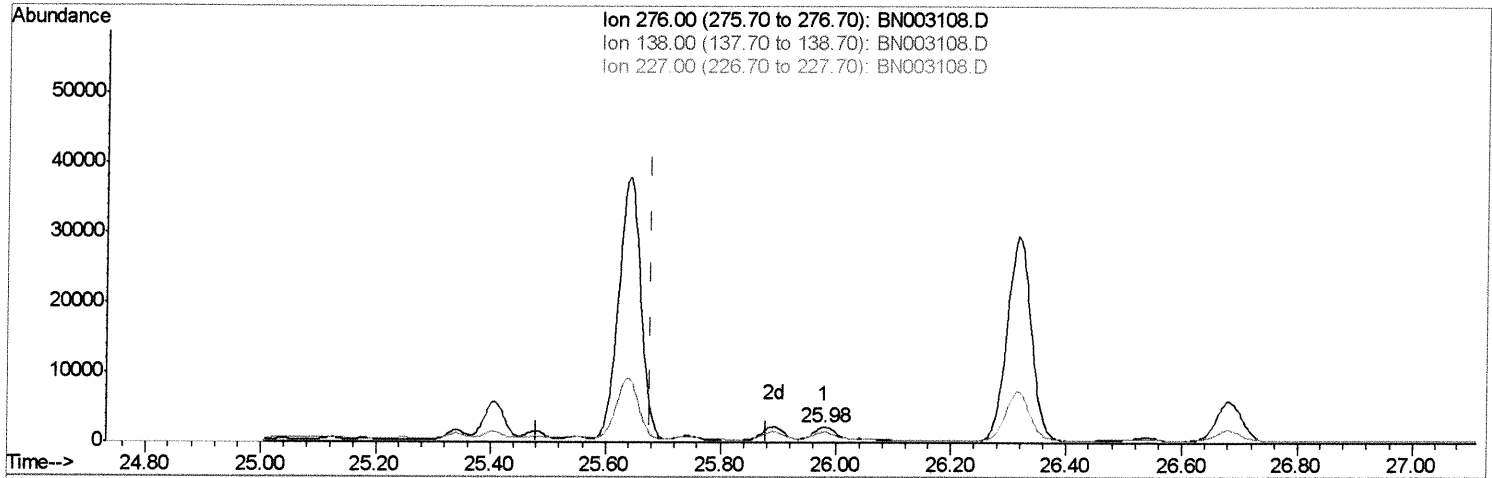
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



TIC: BN003108.D

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

25.978min (+0.298) 0.38ng/ul

response 6841

Ion	Exp%	Act%
276.00	100	100
138.00	26.90	59.25#
227.00	0.40	0.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

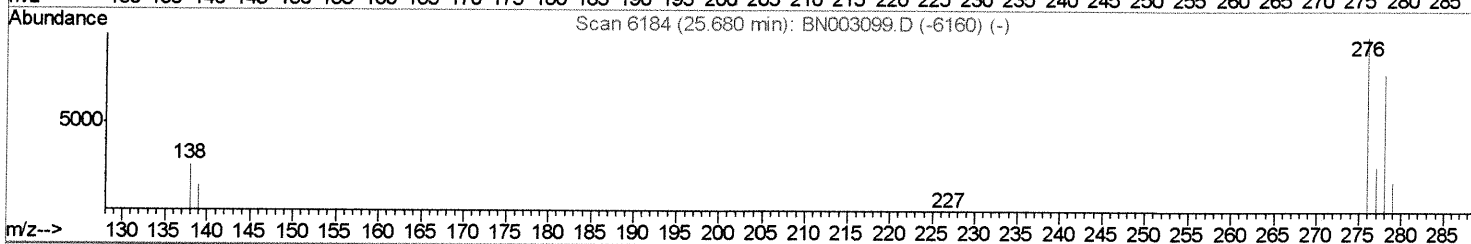
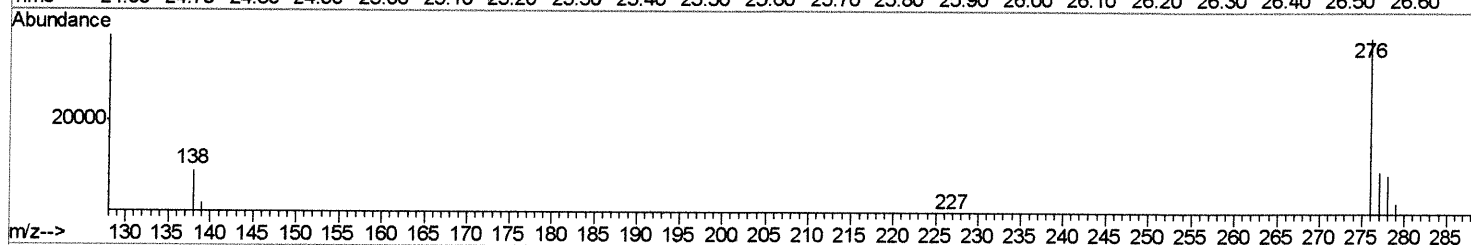
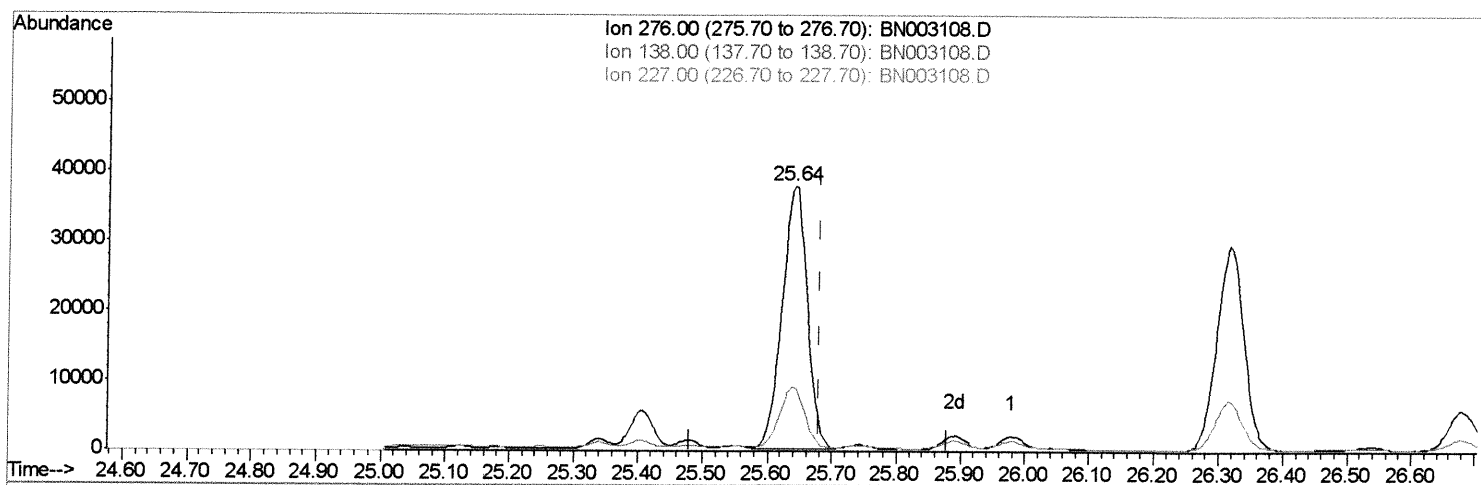
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



TIC: BN003108.D

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

25.639min (-0.040) 5.67ng/ul m

response 101884

Ion	Exp%	Act%
276.00	100	100
138.00	26.90	3.98#
227.00	0.40	0.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

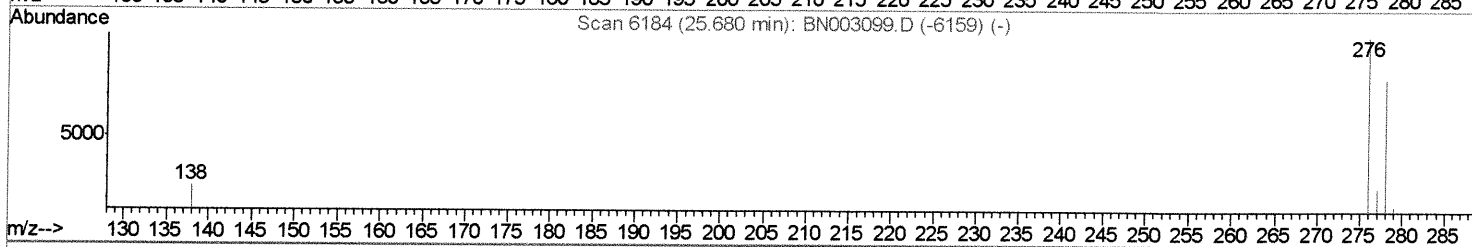
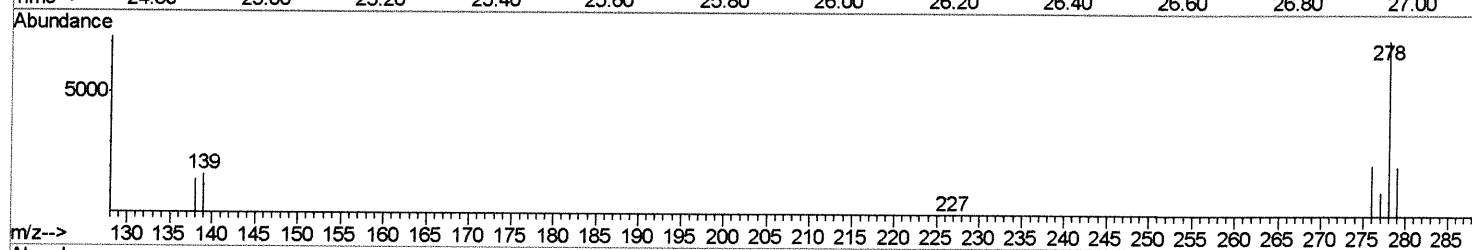
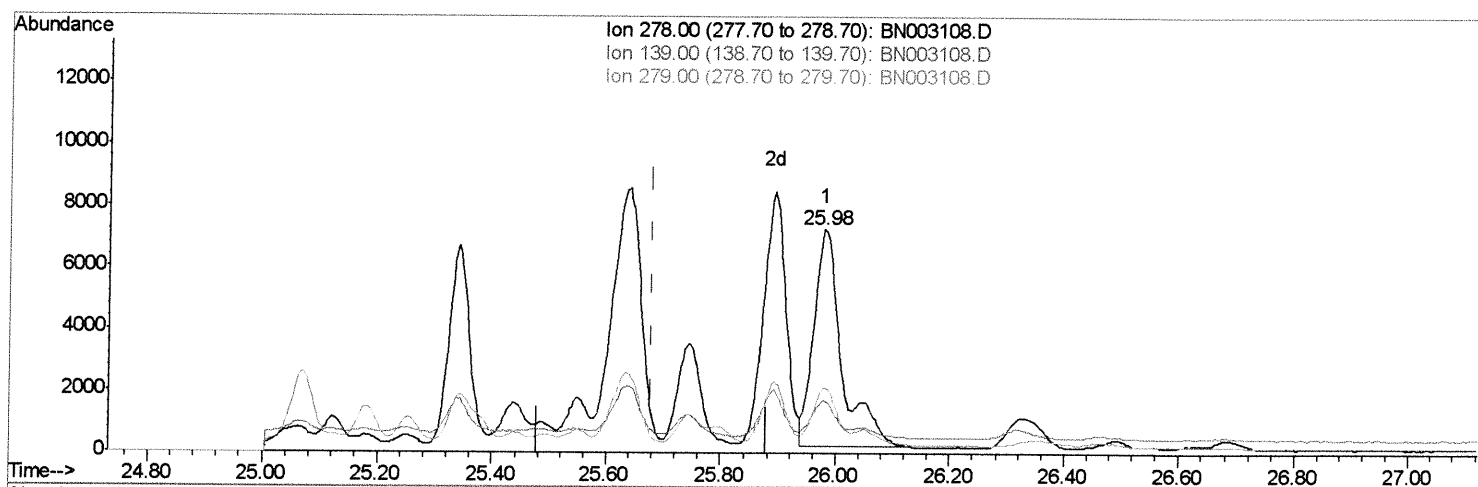
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
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Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



TIC: BN003108.D

(25) Dibenzo(a,h)anthracene

25.978min (+0.298) 1.68ng/ul

response 24207

Ion	Exp%	Act%
278.00	100	100
139.00	25.30	23.81
279.00	29.80	29.68
0.00	0.00	0.00

Quantitation Report (Qedit)

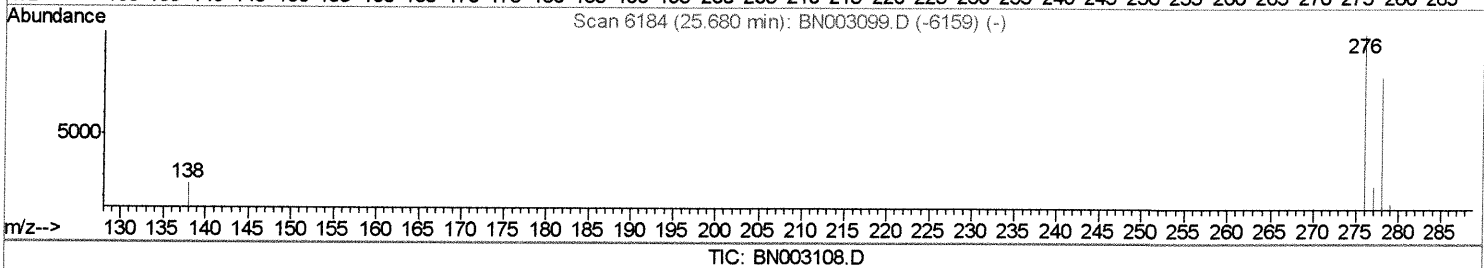
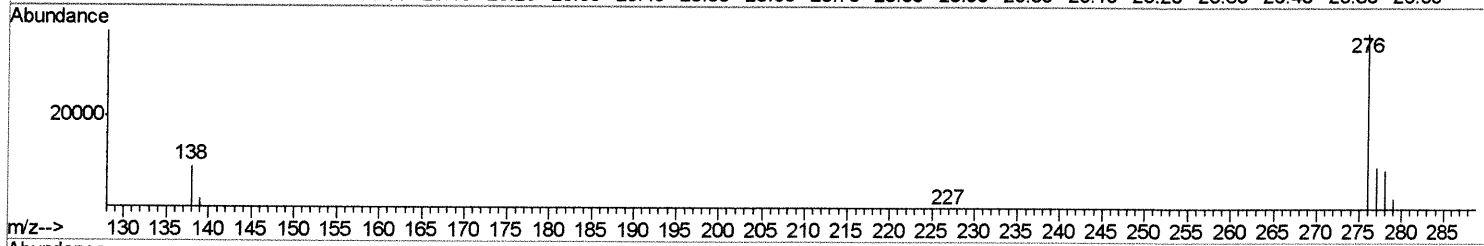
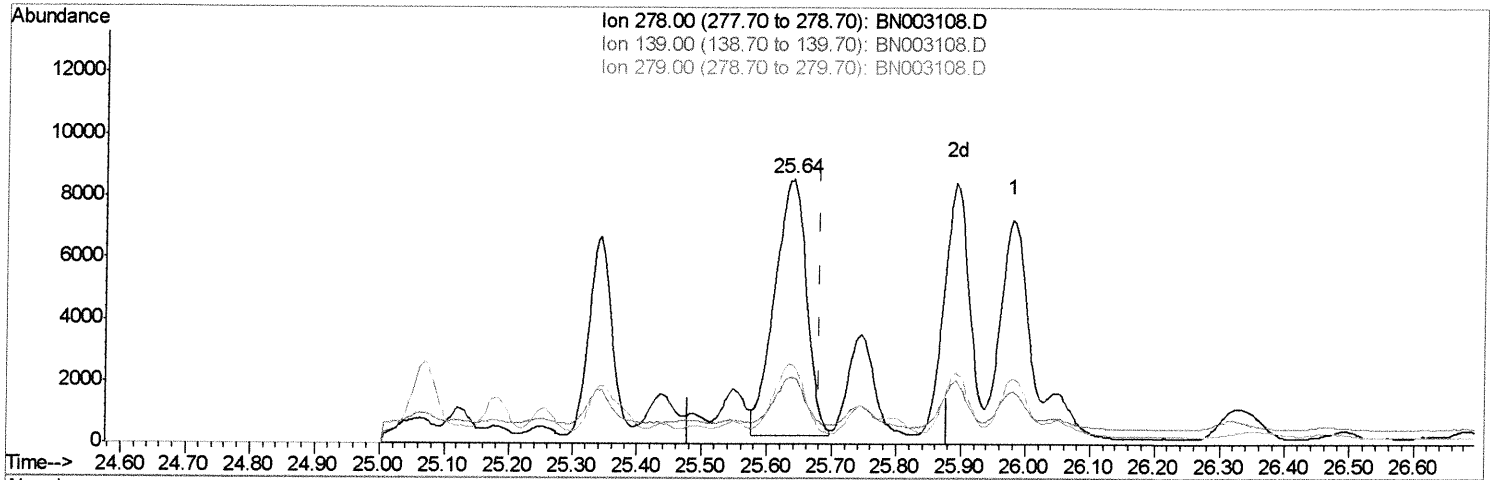
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.639min (-0.040) 1.98ng/ul m > SJ 10/12/18

response 28441

Ion	Exp%	Act%
278.00	100	100
139.00	25.30	25.21
279.00	29.80	30.07
0.00	0.00	0.00

Quantitation Report (Qedit)

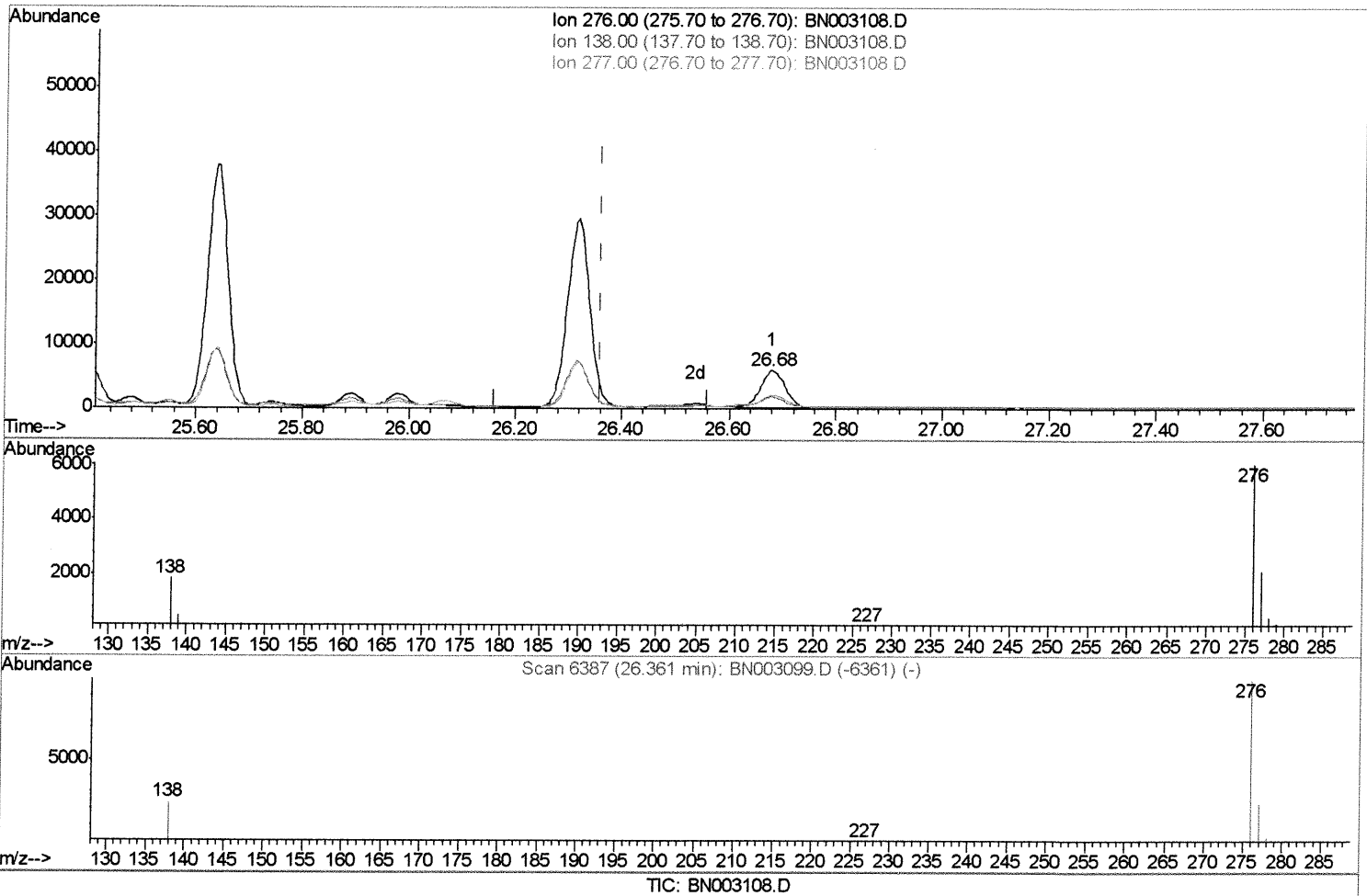
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003108.D
Acq On : 11 Oct 2018 18:16
Operator : MJ/SJ
Sample : J5368-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration



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

26.679min (+0.319) 1.24ng/ul

response 18742

Ion	Exp%	Act%
276.00	100	100
138.00	28.70	30.51
277.00	27.50	35.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

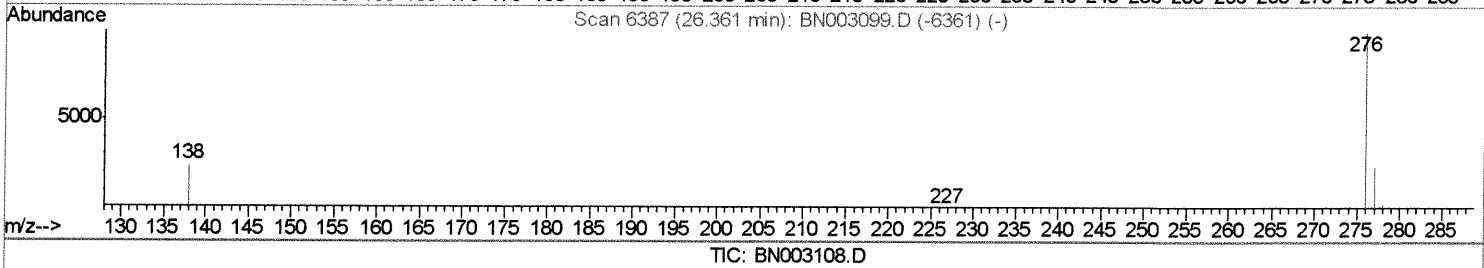
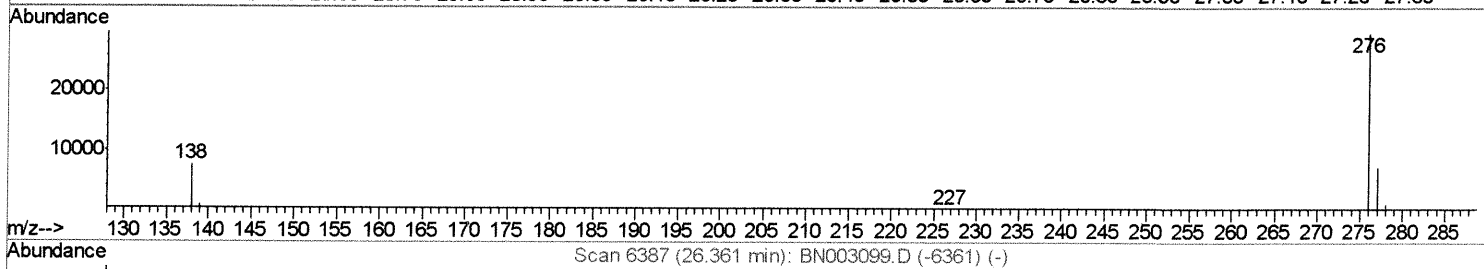
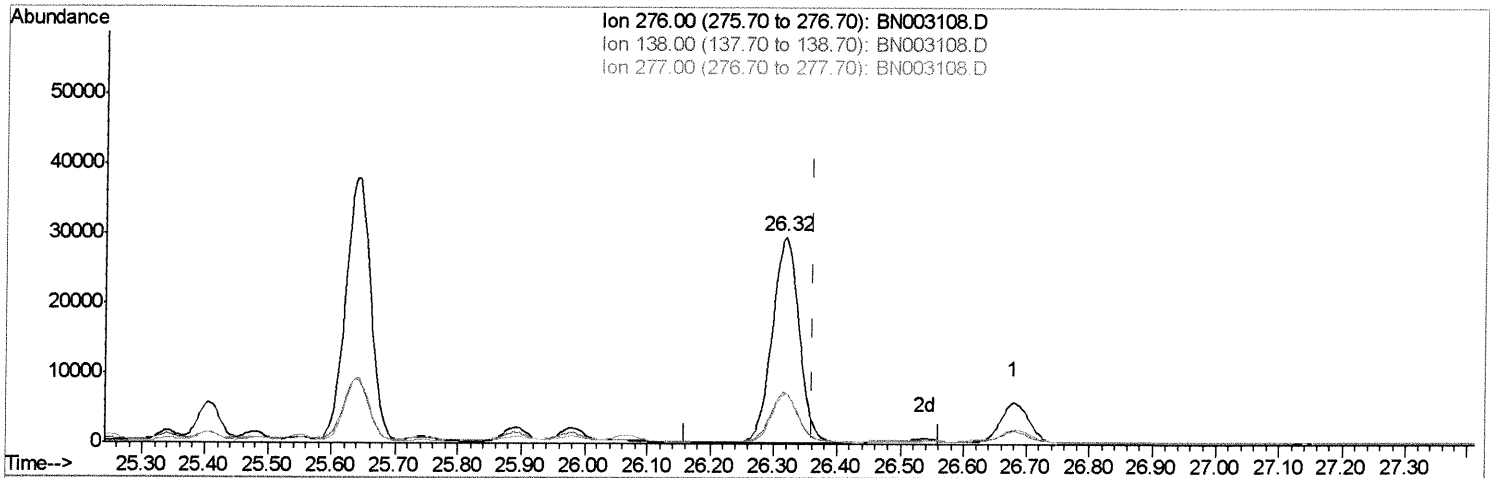
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:00:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration



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

26.317min (-0.044) 5.74ng/ul m > SJ 10/12/18

response 87063

Ion	Exp%	Act%
276.00	100	100
138.00	28.70	24.88
277.00	27.50	24.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:05:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1863	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7831	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4453	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9136m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5396m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4849m	0.40	ng/ul	-0.02

SJ 10/12/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.00	152	2672	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	4901m	0.19	ng/ul	-0.01

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Target Compounds

						Qvalue
3) Naphthalene	10.44	128	2169	0.108	ng/ul	95
5) 2-Methylnaphthalene	12.08	142	1278	0.092	ng/ul	99
7) Acenaphthylene	13.98	152	3291	0.162	ng/ul#	35
8) Acenaphthene	14.32	153	4432	0.287	ng/ul	98
9) Fluorene	15.32	166	5149	0.291	ng/ul	95
12) Phenanthrene	17.06	178	127500m	5.006	ng/ul	
13) Anthracene	17.15	178	35245m	1.465	ng/ul	
15) Fluoranthene	19.08	202	223646m	7.485	ng/ul	
17) Pyrene	19.45	202	189753	9.054	ng/ul	96
18) Benzo(a)anthracene	21.21	228	109024m	6.279	ng/ul	
19) Chrysene	21.26	228	109148m	6.190	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	195764m	11.210	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	56133m	3.101	ng/ul	
23) Benzo(a)pyrene	23.34	252	129671m	8.285	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	101884m	5.665	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	28441m	1.976	ng/ul	
26) Benzo(g,h,i)perylene	26.32	276	87063m	5.741	ng/ul	

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