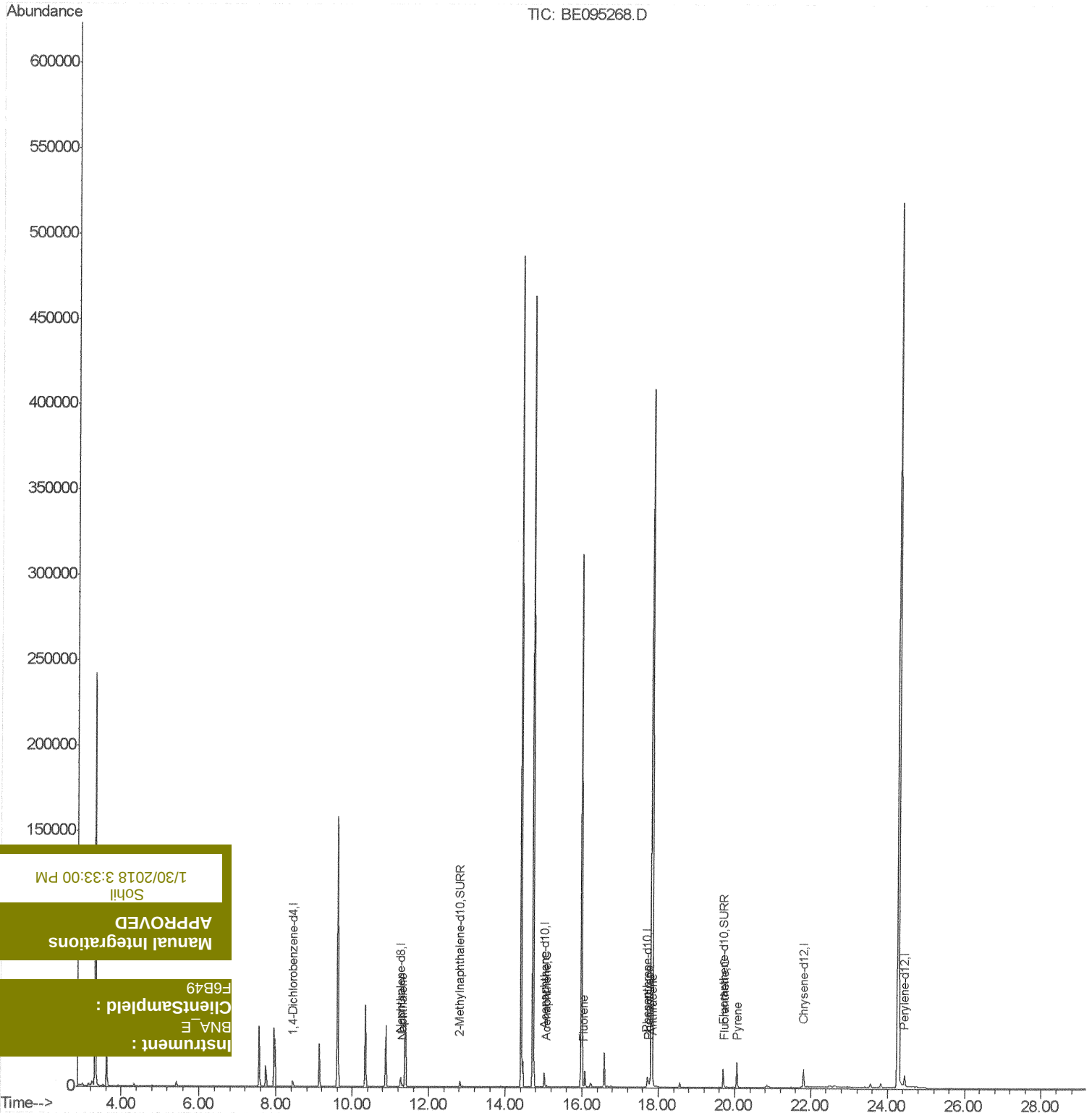


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

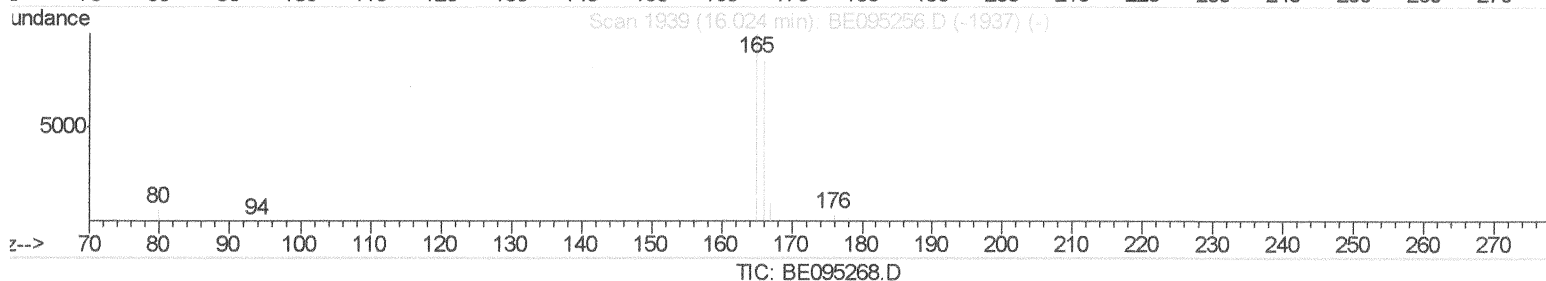
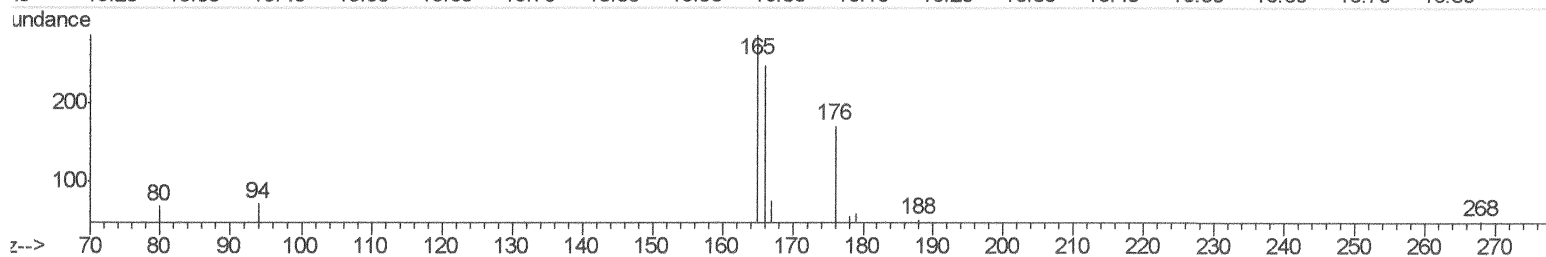
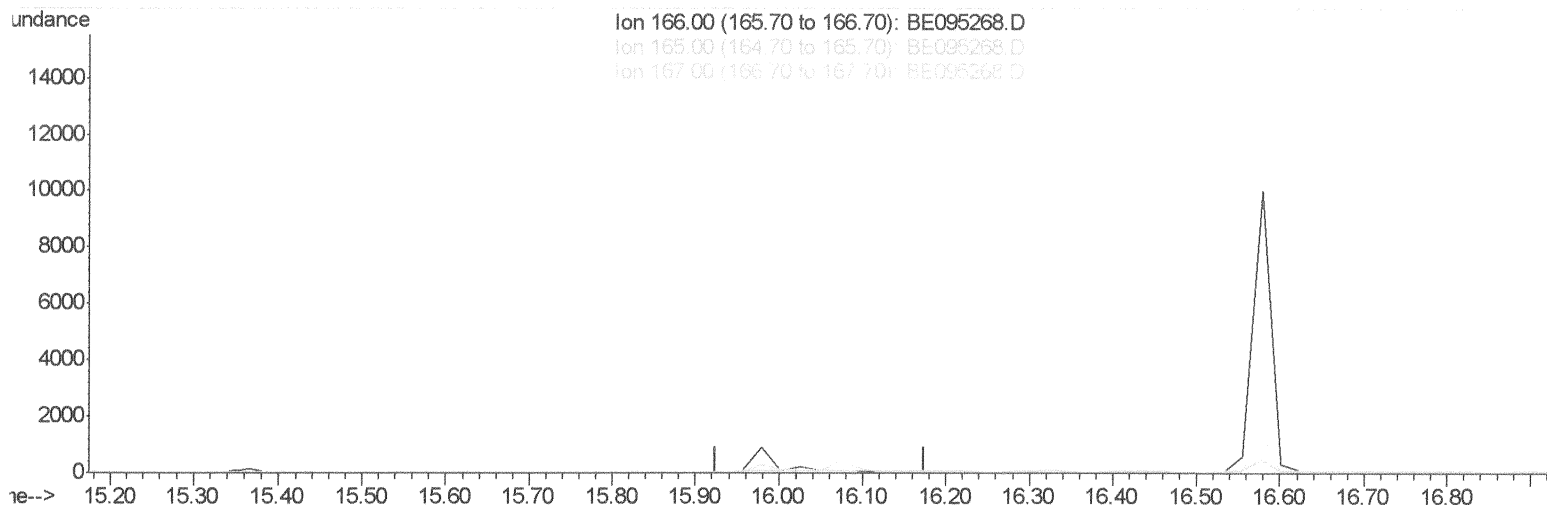
Quant Time: Jan 30 07:06:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 06:23:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



(9) Fluorene

16.024min (-16.024) 0.00ng/ul

1/30/2018 3:33:00 PM

Sohil

APPROVED

Manual Integrations

#00.0 08.16 00.91

#F6B49

#ClientSampled :

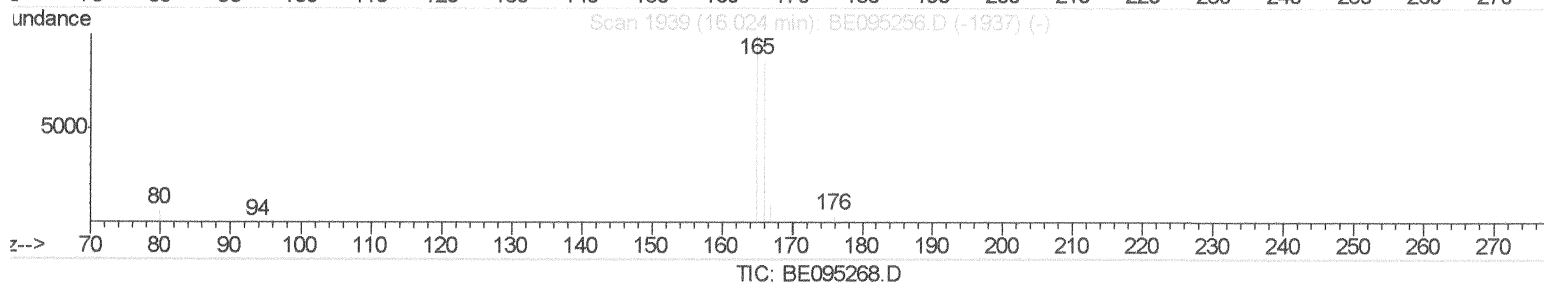
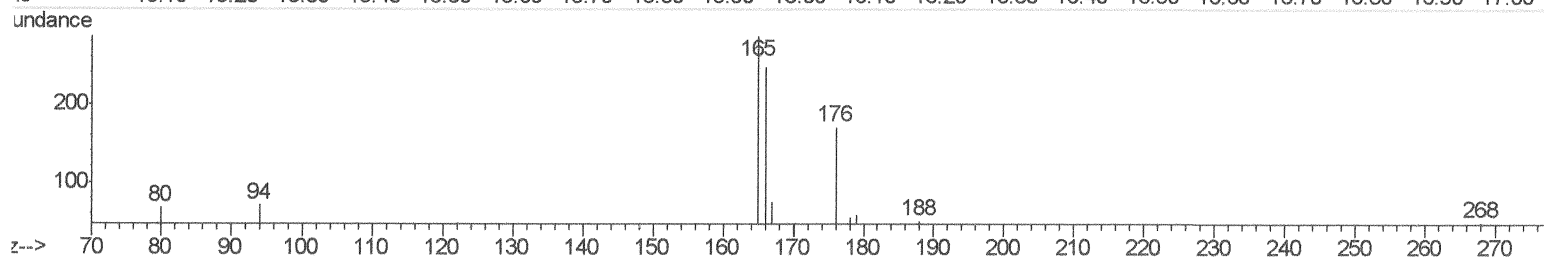
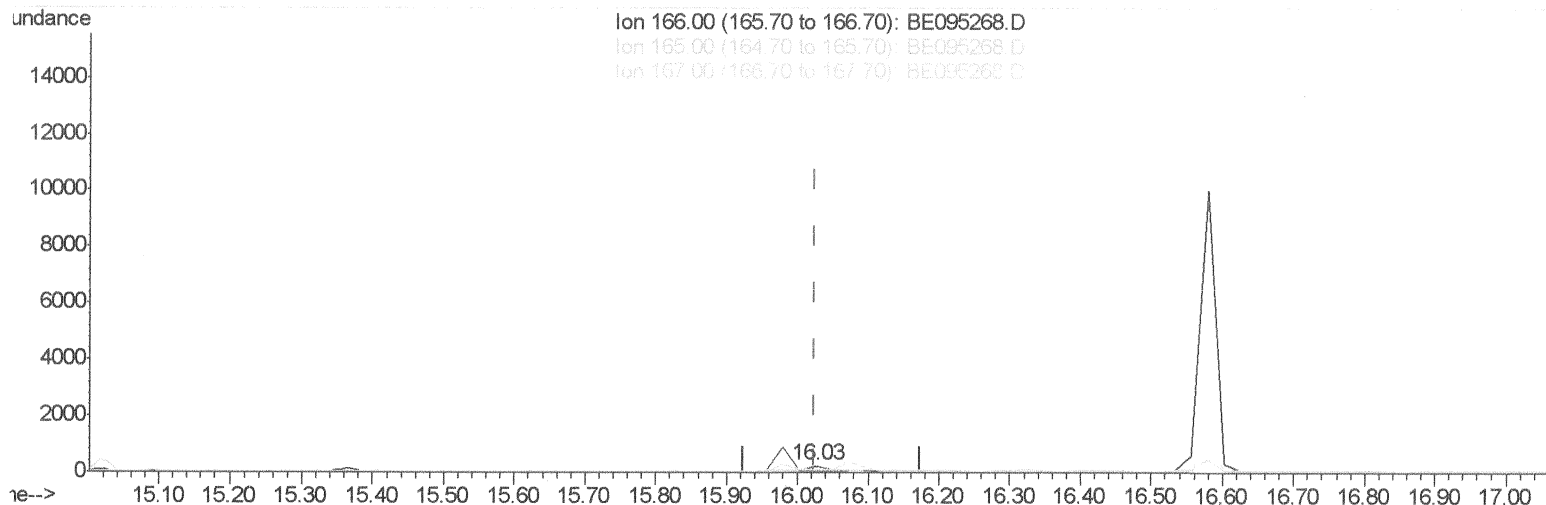
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 06:23:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



(9) Fluorene

16.025min (+0.001) 0.03ng/ul m

Handwritten signature and date: 02/01/16

1/30/2018 3:33:00 PM

Sohil

APPROVED

Manual Integrations

16.025min (+0.001) 0.03ng/ul m

#96

Client Sampled :

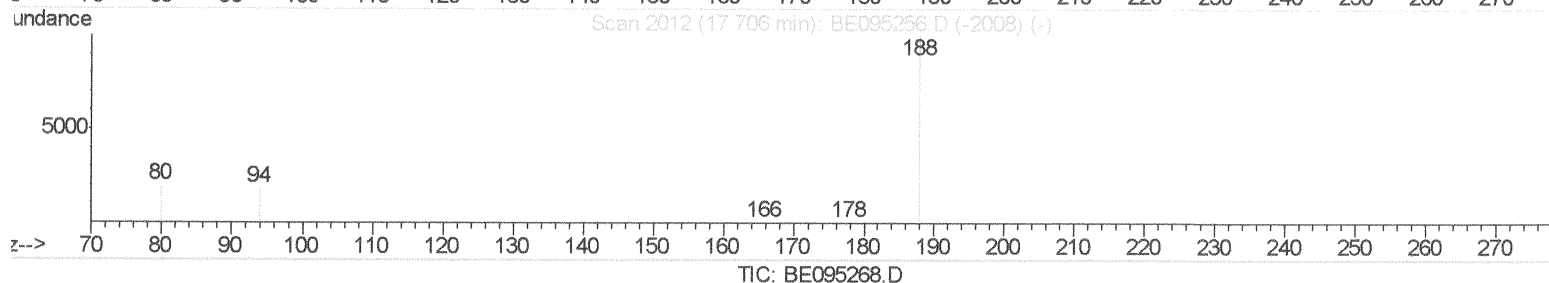
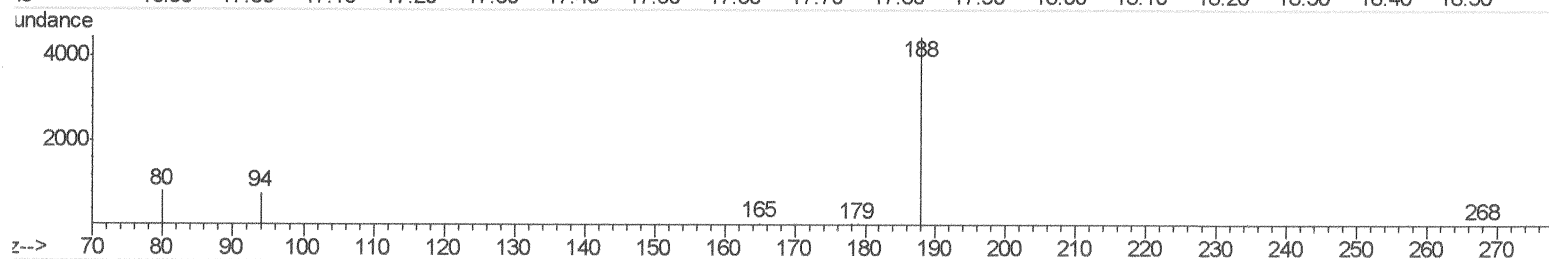
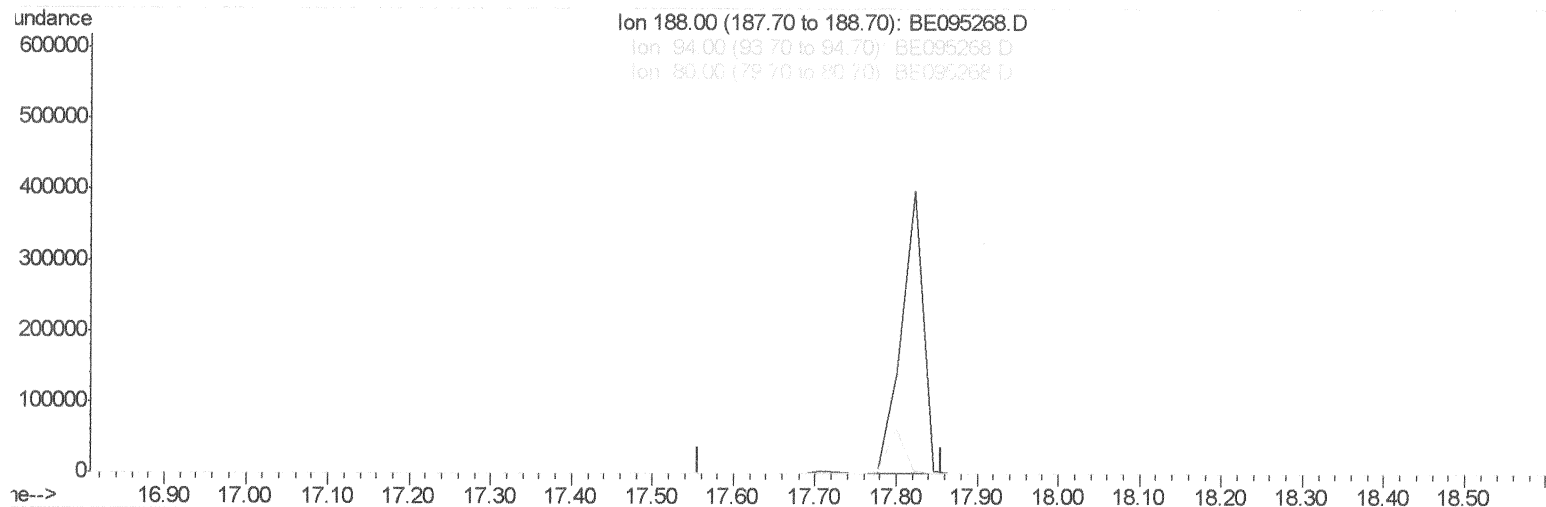
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:04 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.706min (-17.706) 0.00ng/ul

1/30/2018 3:33:00 PM

Sohil

APPROVED

Manual Integrations

#00.0 00.11 00.56

#F6B49

#ClientSampled :

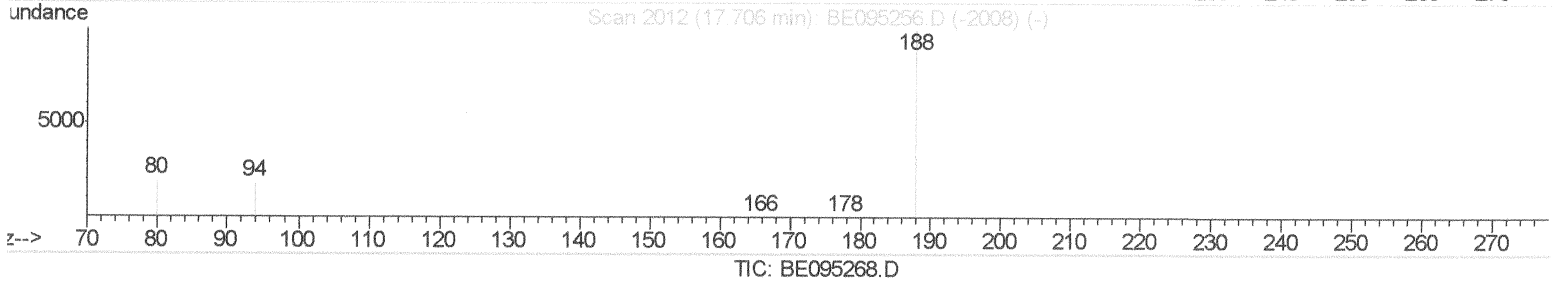
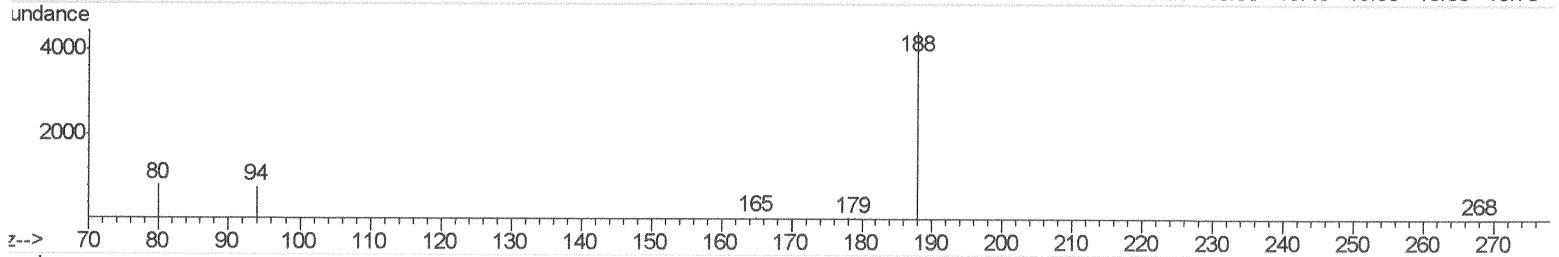
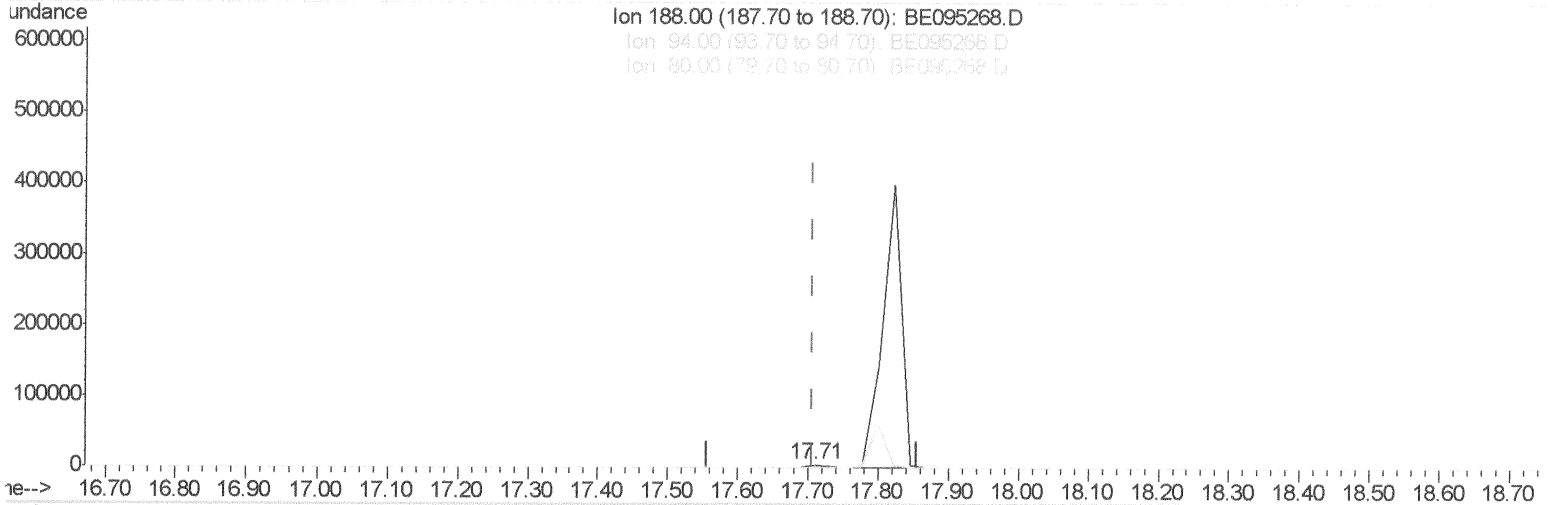
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095268.D
Acq On : 30 Jan 2018 3:53
Operator : SJ/JU
Sample : J1244-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:04 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 06:14:31 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.707min (+0.001) 0.40ng/ul m

SJ 02/01/18

1/30/2018 3:33:00 PM
Sohil

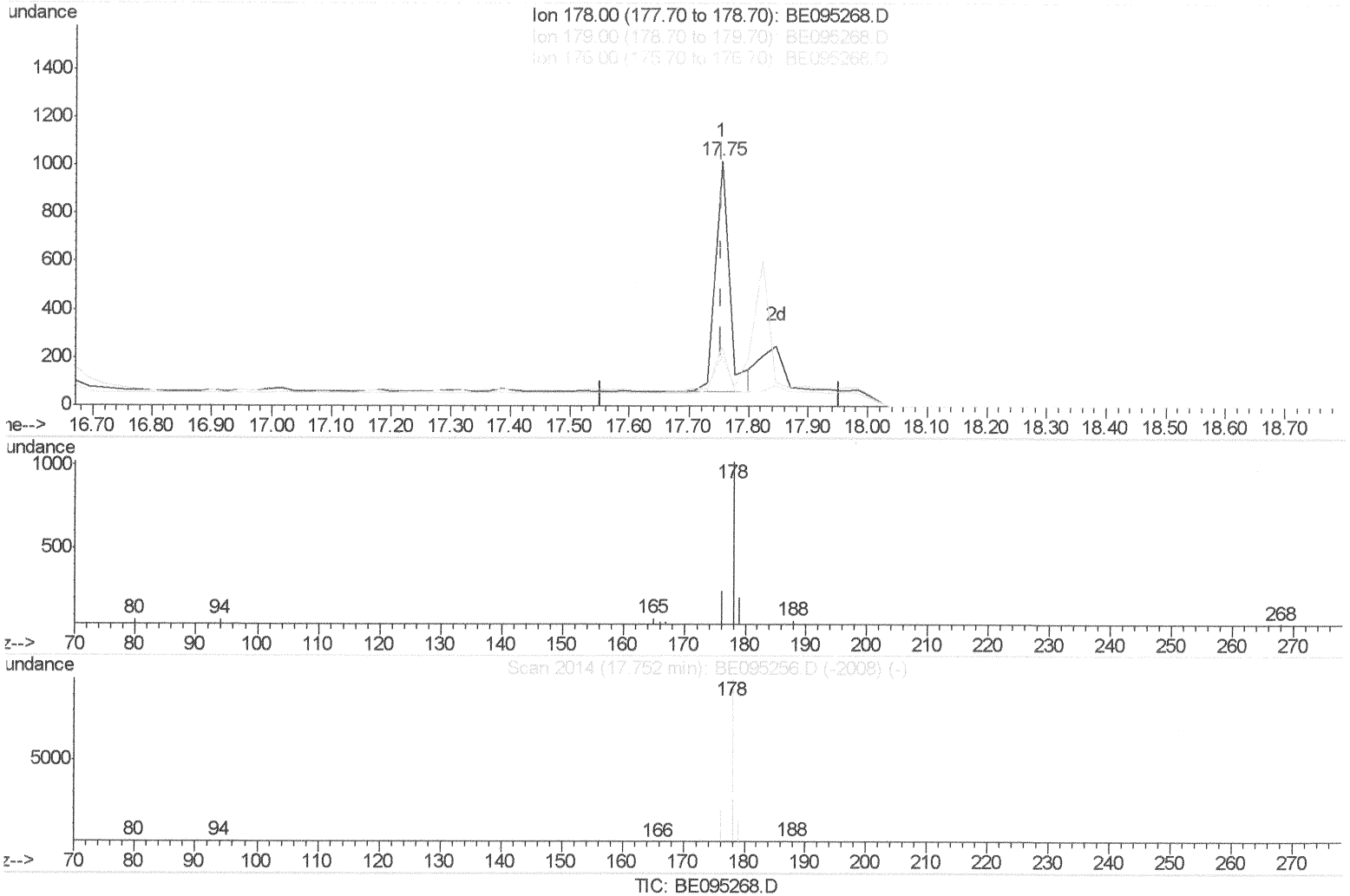
Manual Integrations
APPROVED

Instrument : BNA_E
Client Sample : #5
F6B49

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095268.D
Acq On : 30 Jan 2018 3:53
Operator : SJ/JU
Sample : J1244-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:30 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 06:14:31 2018
Response via : Initial Calibration



(12) Phenanthrene

17.753min (+0.001) 0.05ng/ul

1/30/2018 3:33:00 PM

Sohil

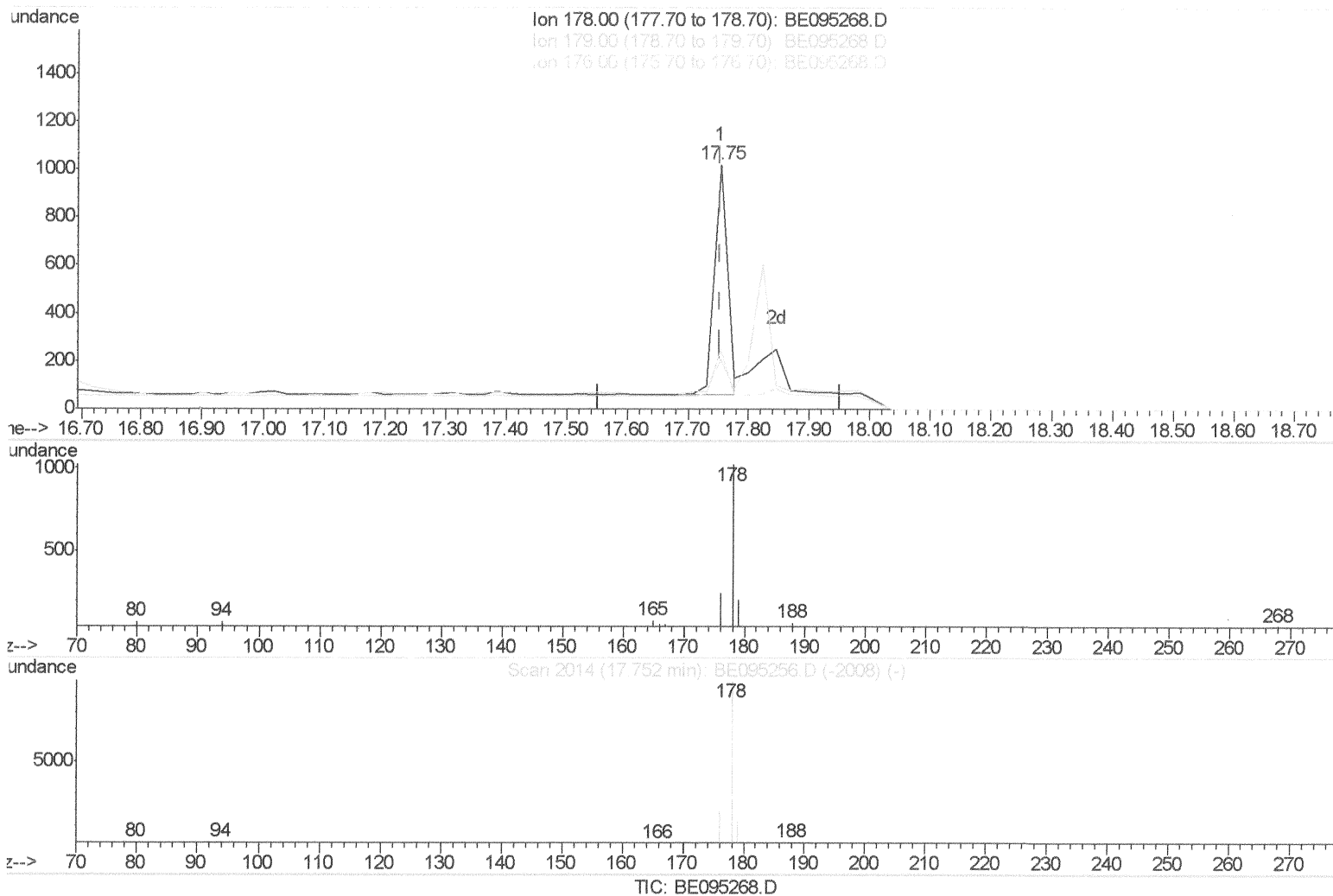
Manual Integrations
APPROVED

Instrument :
BNA_E
Client Sampled :
#6849

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.753min (+0.001) 0.05ng/ul m

10/10/18

1/30/2018 3:33:00 PM

Sohil

APPROVED

Manual Integrations

Client Sampled : #4#

F6B49

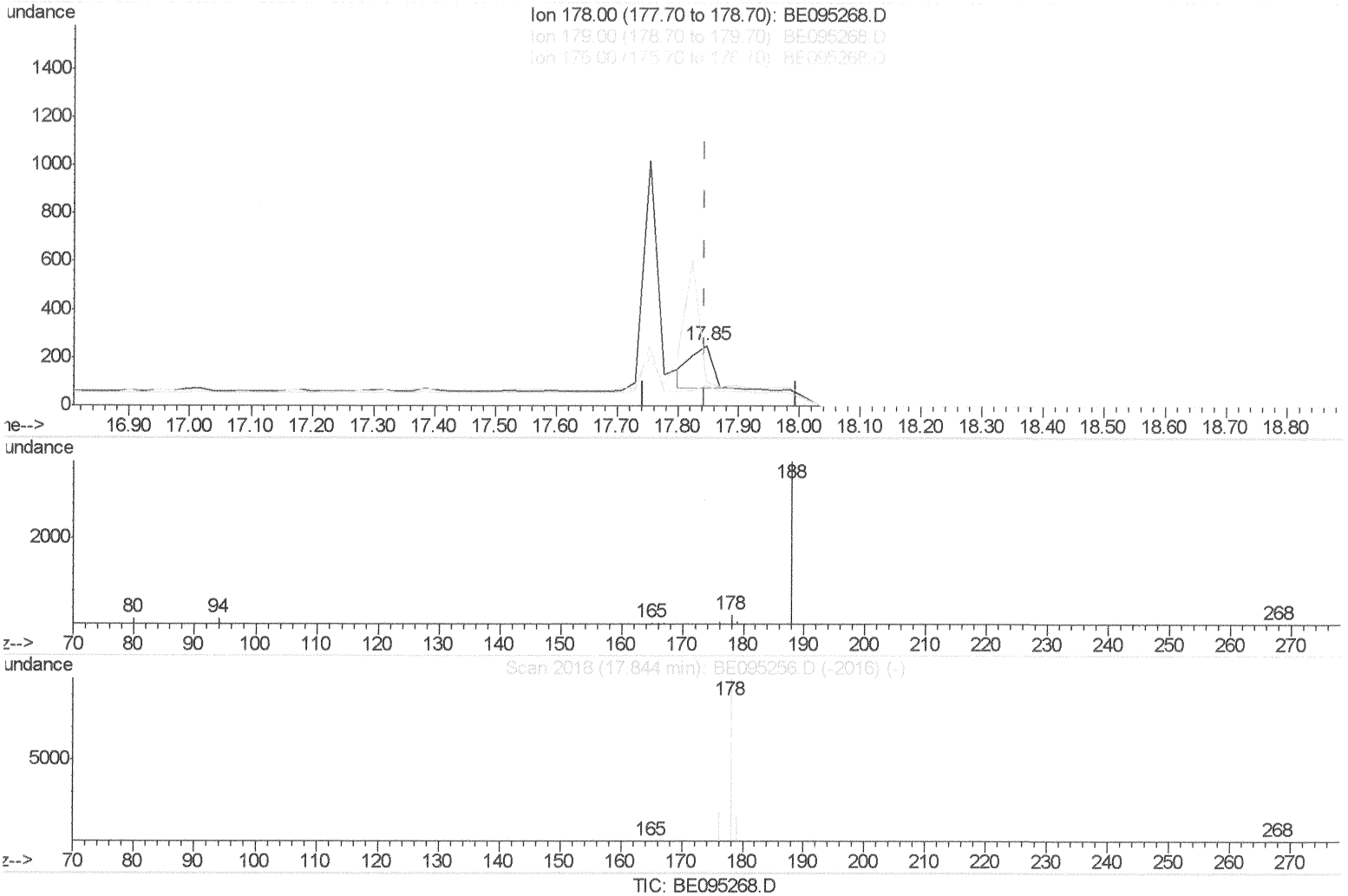
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



(13) Anthracene

17.846min (+0.001) 0.01ng/ul

1/30/2018 3:33:00 PM

Sohil

APPROVED

Manual Integrations

17.846 41.27#

#1 Client

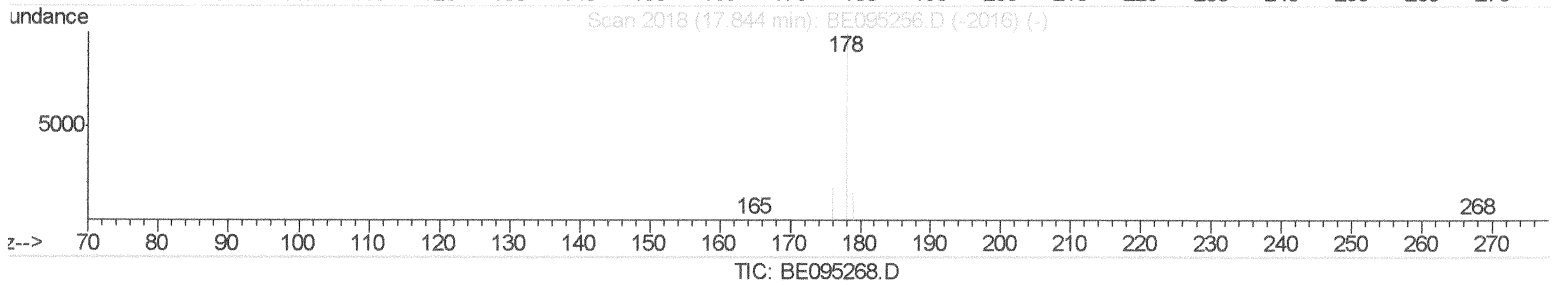
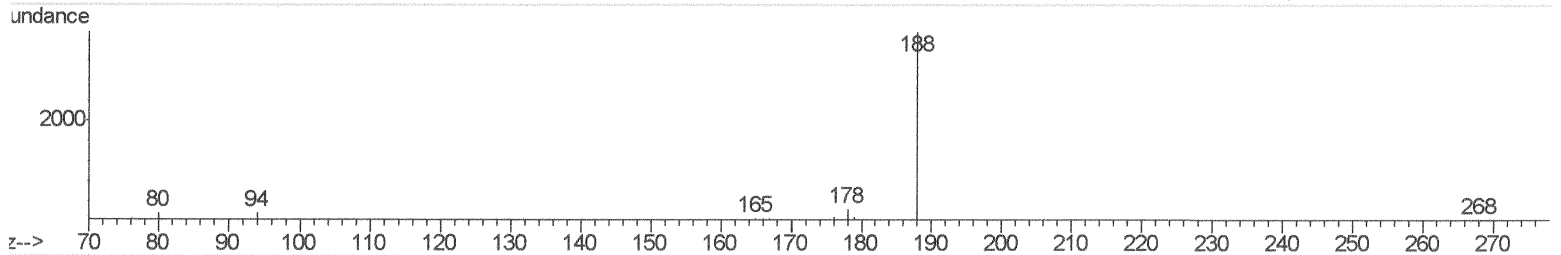
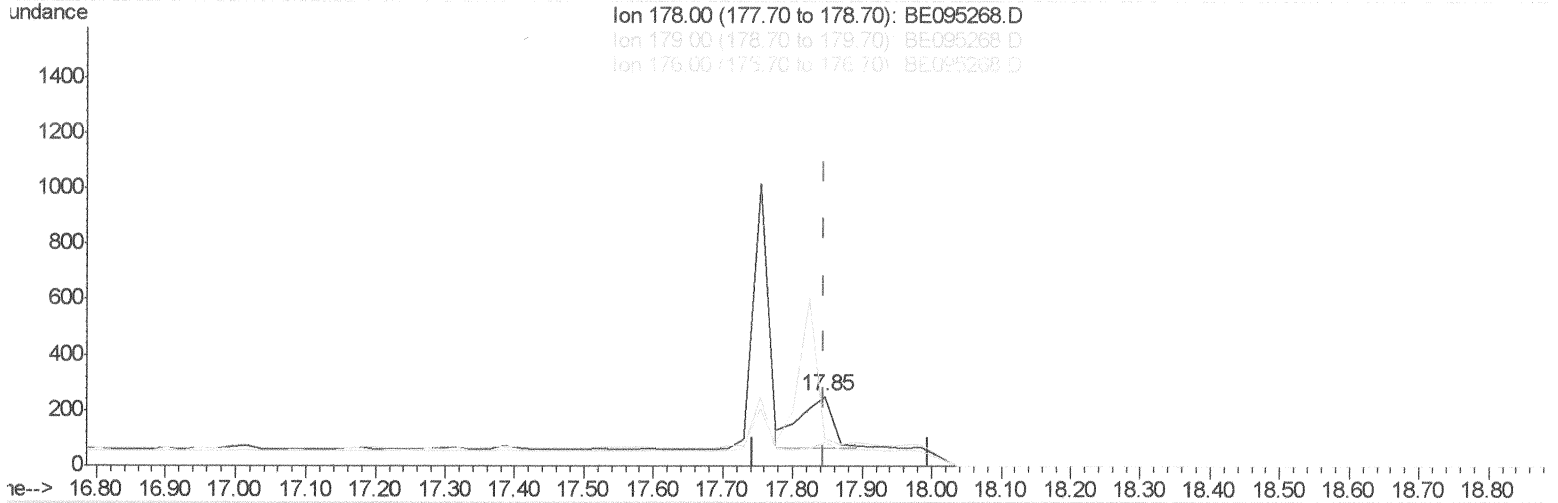
Sampled : BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095268.D
Acq On : 30 Jan 2018 3:53
Operator : SJ/JU
Sample : J1244-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:30 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 06:14:31 2018
Response via : Initial Calibration



(13) Anthracene

17.846min (+0.001) 0.02ng/ul m

17.846min

1/30/2018 3:33:00 PM

Sohil

APPROVED

Manual Integrations

17.846 22.80 41.27#

#1 F6B49

Client Sampled :

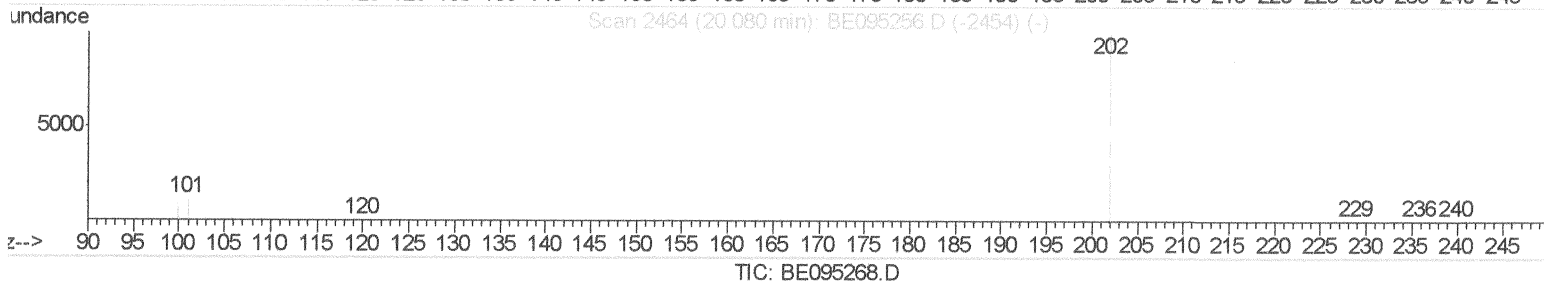
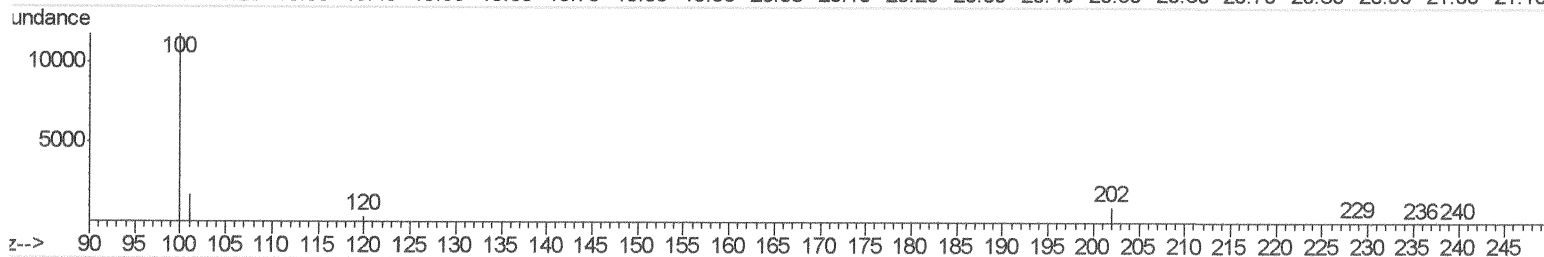
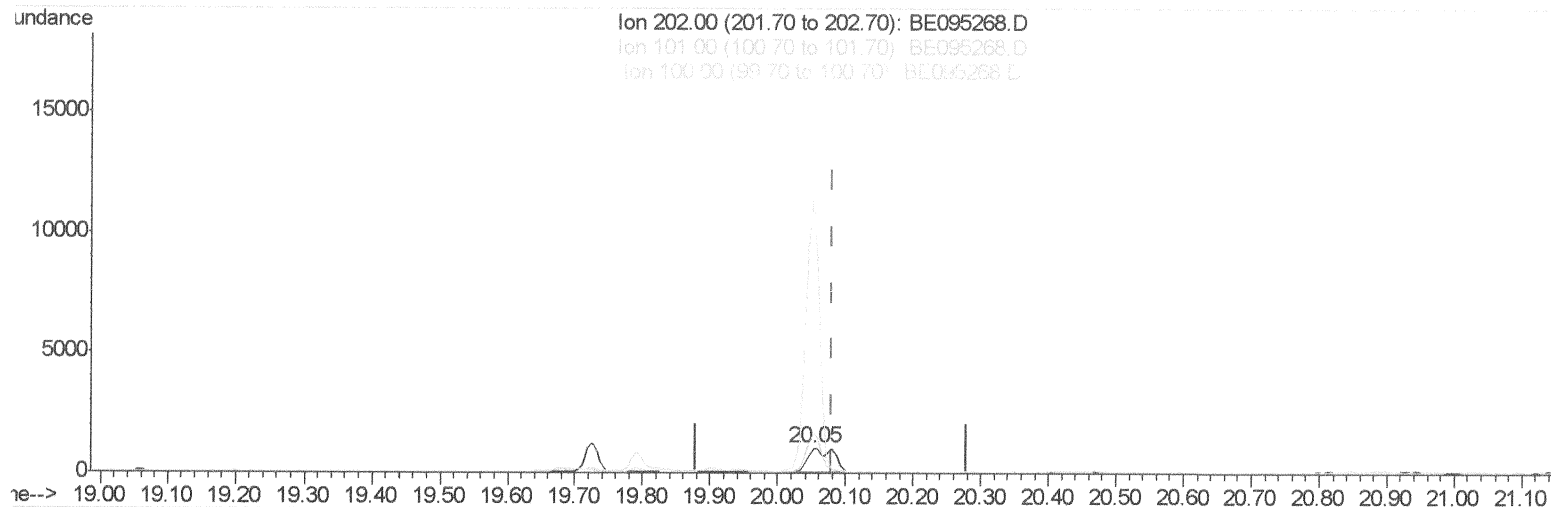
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



(17) Pyrene

20.052min (-0.028) 0.08ng/ul

1/30/2018 3:33:00 PM

Sohil

APPROVED

Manual Integrations

#54#

#55#

Client Sampled :

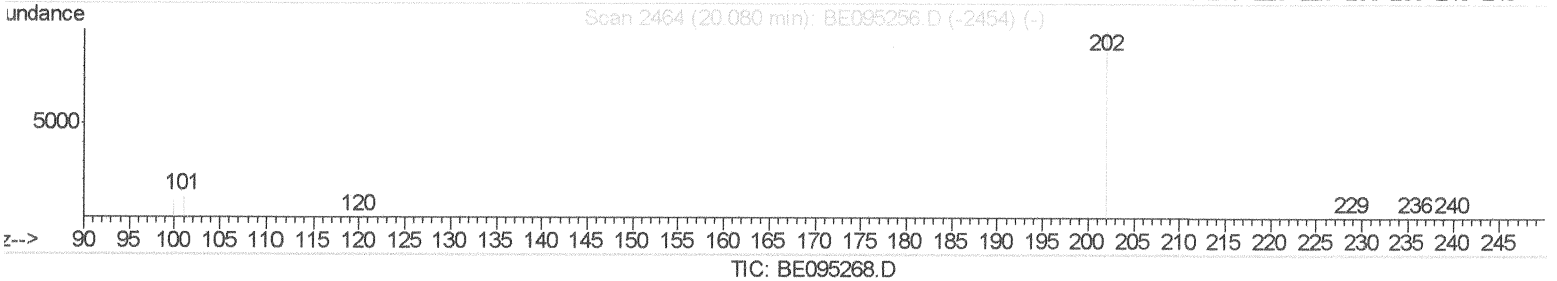
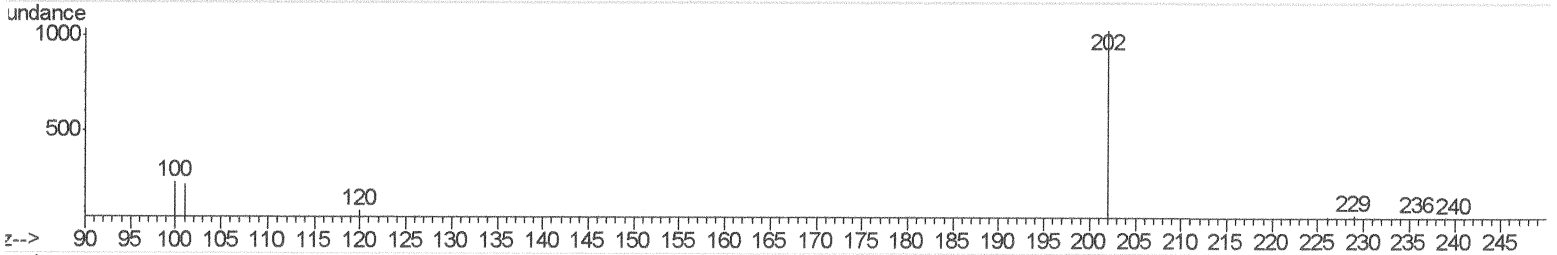
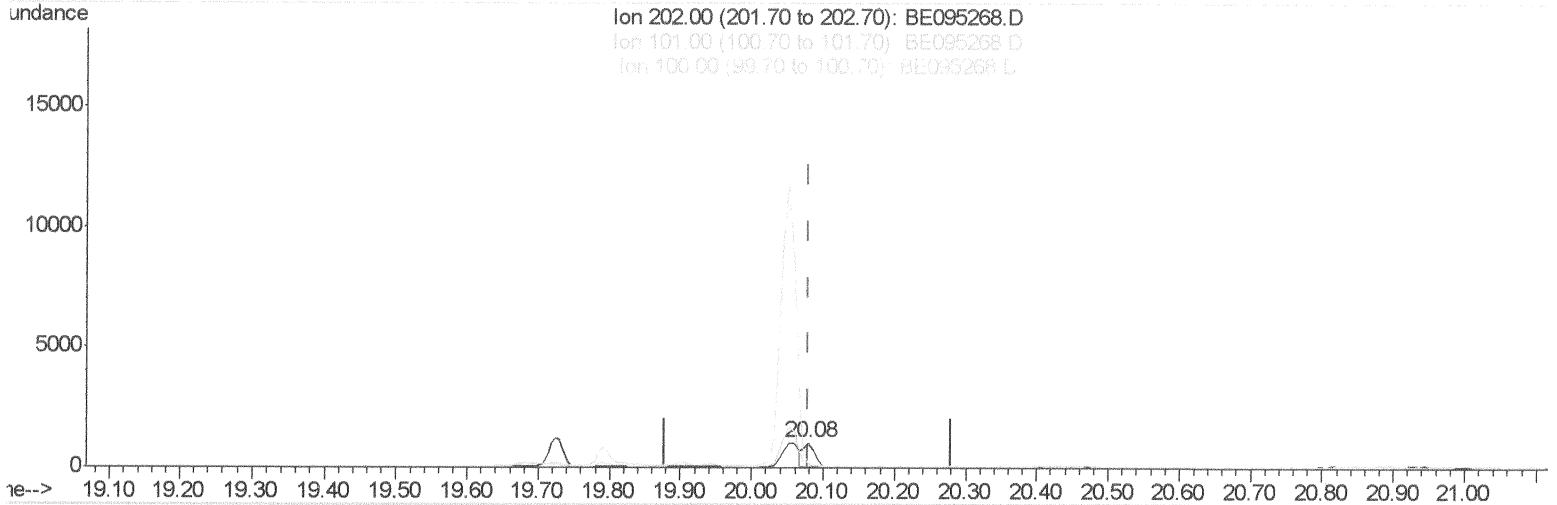
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095268.D
Acq On : 30 Jan 2018 3:53
Operator : SJ/JU
Sample : J1244-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:30 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 06:14:31 2018
Response via : Initial Calibration



(17) Pyrene

20.079min (-0.001) 0.03ng/ul m

Handwritten signature

1/30/2018 3:33:00 PM
Sohil

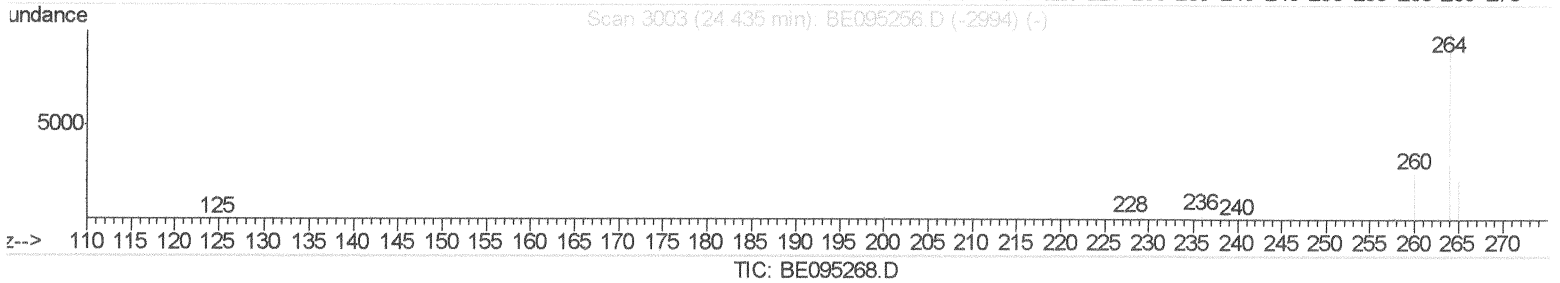
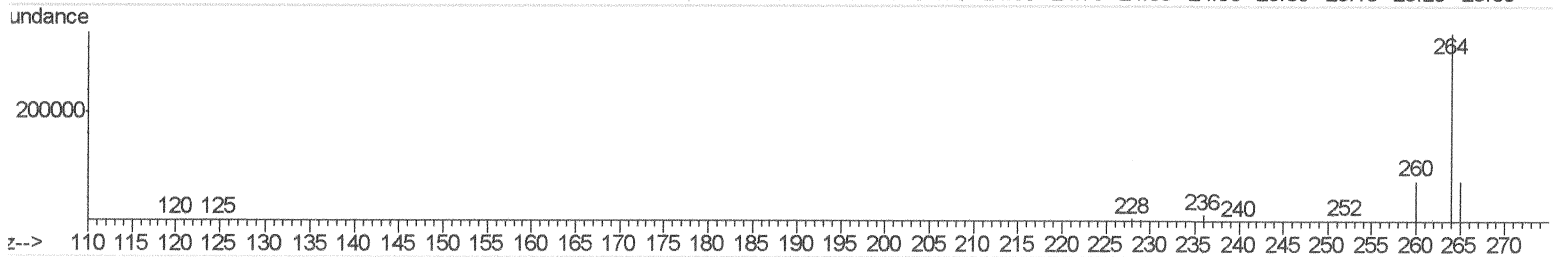
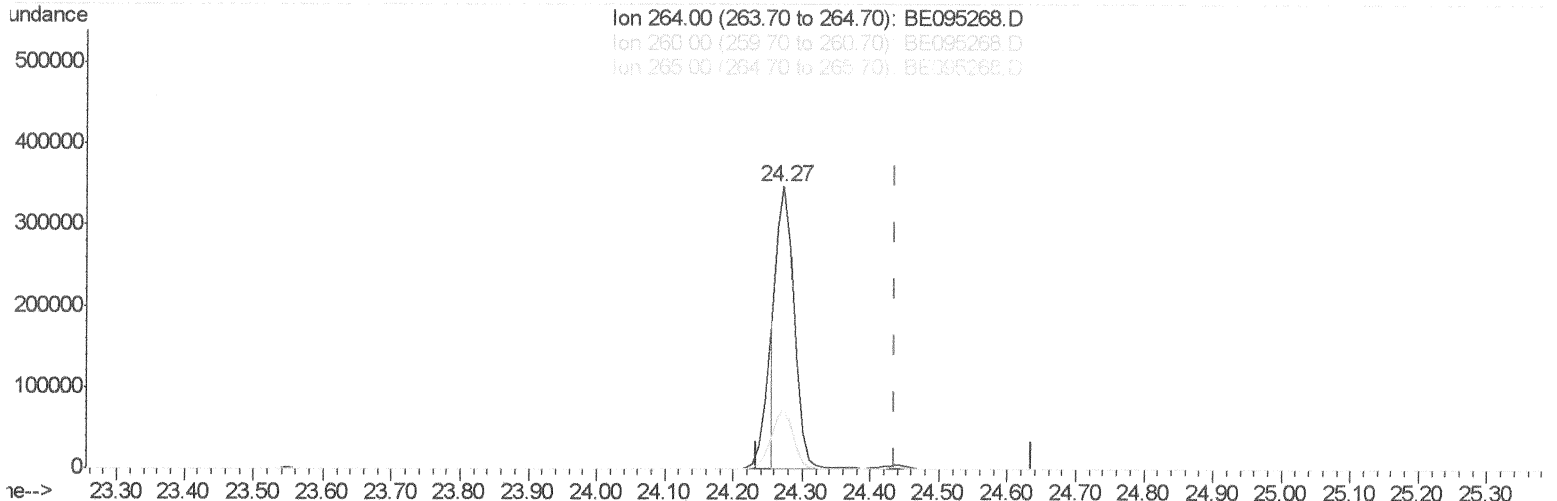
Manual Integrations
APPROVED

Instrument : BNA_E
Client Sample : F6849-2
Date : 1/30/2018 3:33:00 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095268.D
Acq On : 30 Jan 2018 3:53
Operator : SJ/JU
Sample : J1244-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:30 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 06:14:31 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.273min (-0.162) 0.40ng/ul

1/30/2018 3:33:00 PM
Sohil

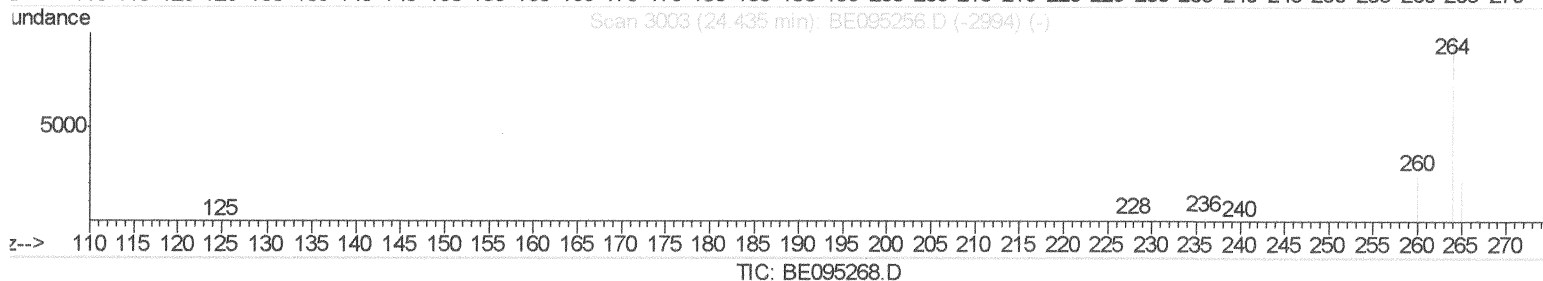
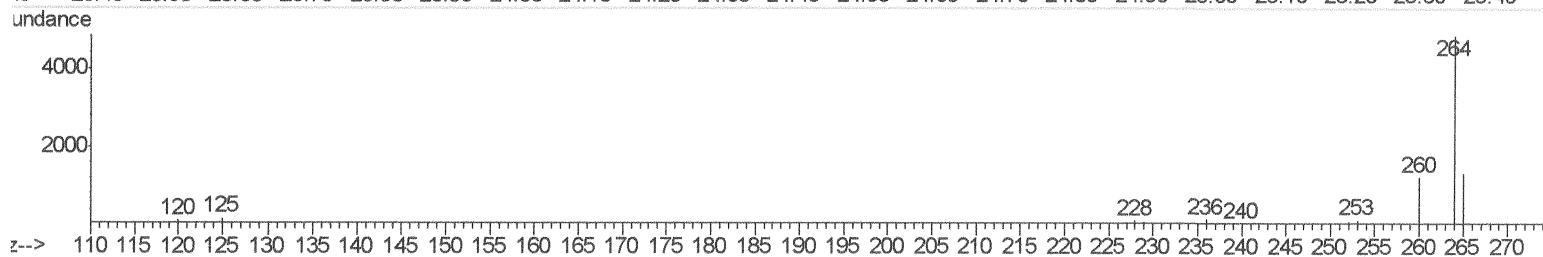
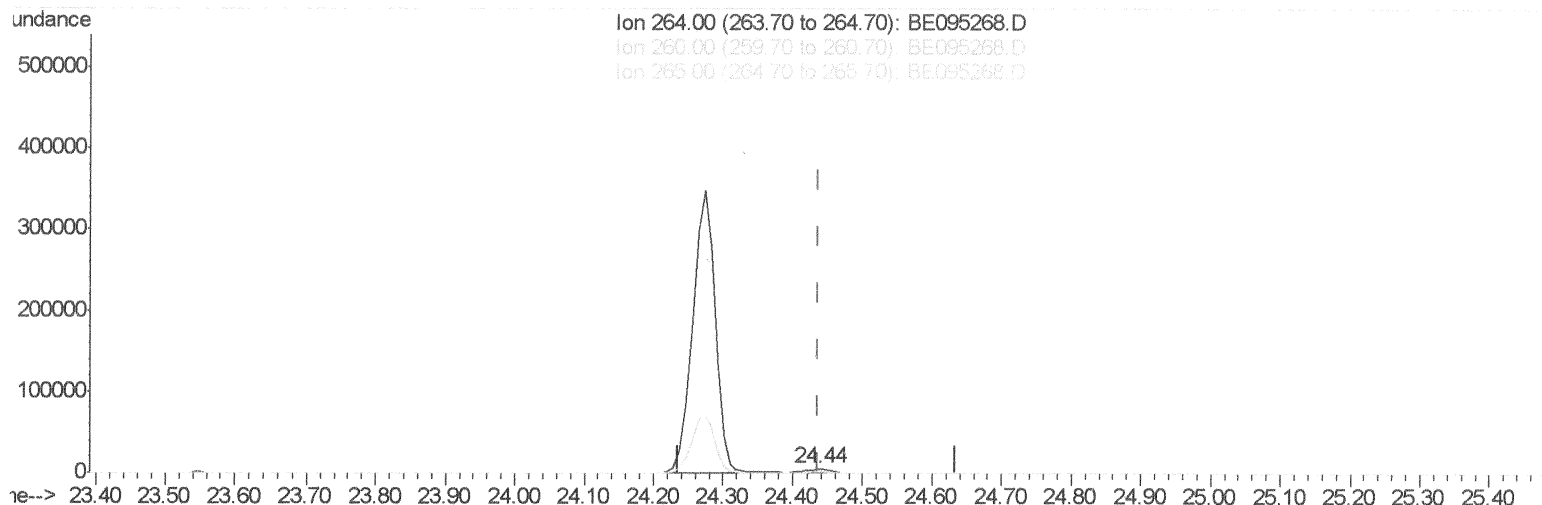
Manual Integrations
APPROVED

Instrument : BNA_E
Client Sample : F6849
#54

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:04:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.435min (+0.000) 0.40ng/ul m

1/30/2018 3:33:00 PM

Sohil

Manual Integrations
 APPROVED

Client Sampled :
 BNA_E

Instrument :

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095268.D
 Acq On : 30 Jan 2018 3:53
 Operator : SJ/JU
 Sample : J1244-08
 Disc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 30 07:06:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2416	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7390	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4637	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9750m	0.40	ng/ul	>0.00
16) Chrysene-d12	21.80	240	10389	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9559m	0.40	ng/ul	>0.00

mu 01/01/18
mu 01/01/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.81	152	4104	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11510	0.31	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	11.31	128	1081	0.052	ng/ul#	80
8) Acenaphthene	15.08	153	519	0.030	ng/ul#	91
9) Fluorene	16.03	166	469m	0.026	ng/ul	
12) Phenanthrene	17.75	178	1493m	0.046	ng/ul	
13) Anthracene	17.85	178	603m	0.020	ng/ul	
15) Fluoranthene	19.72	202	1535	0.036	ng/ul	85
17) Pyrene	20.08	202	1082m	0.031	ng/ul	>

mu 01/01/18
mu 01/01/18

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

1/30/2018 3:33:00 PM

Sohil

APPROVED

Manual Integrations

F6B49

Client Sampled :

BNA_E

Instrument :