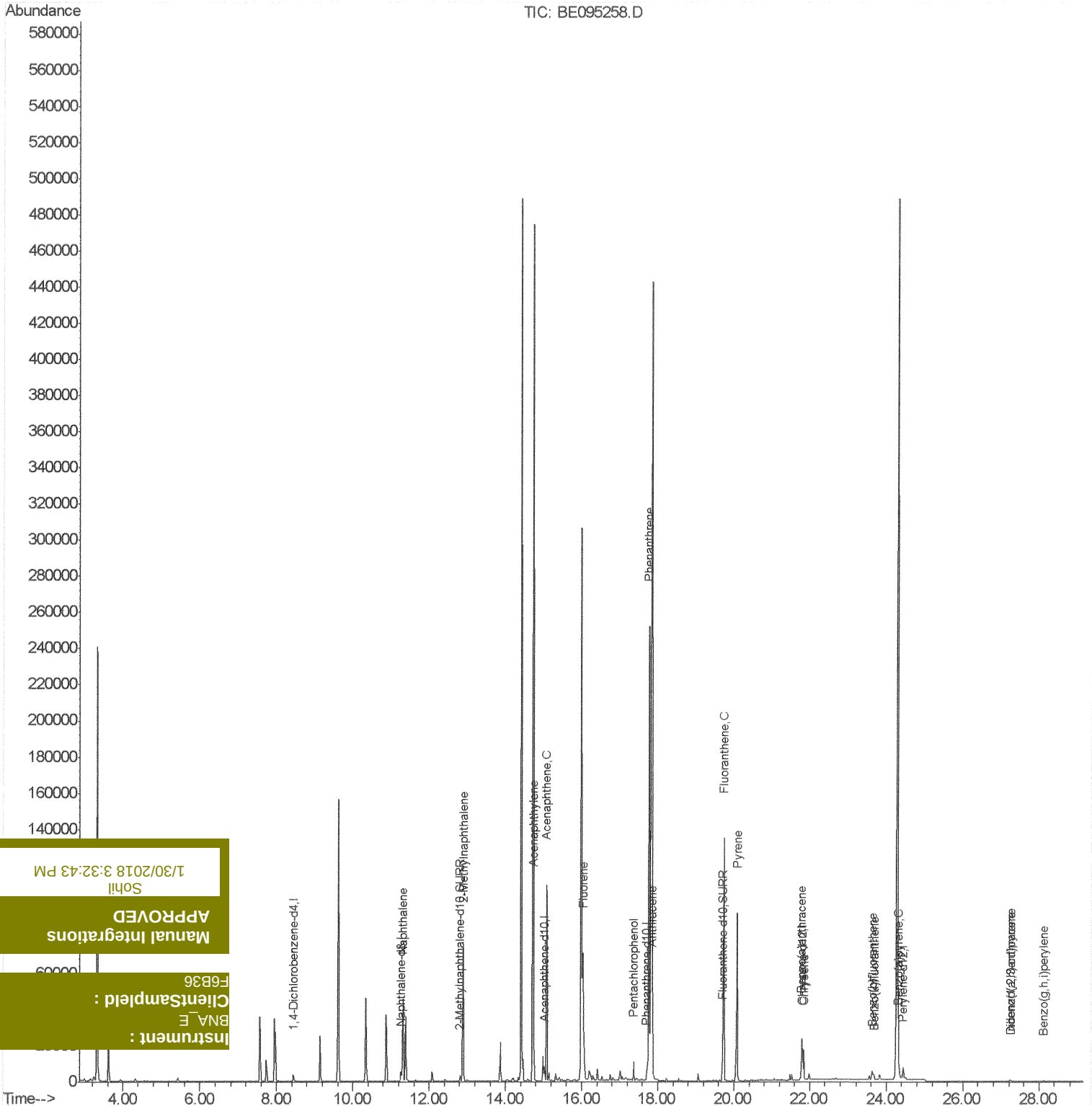


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

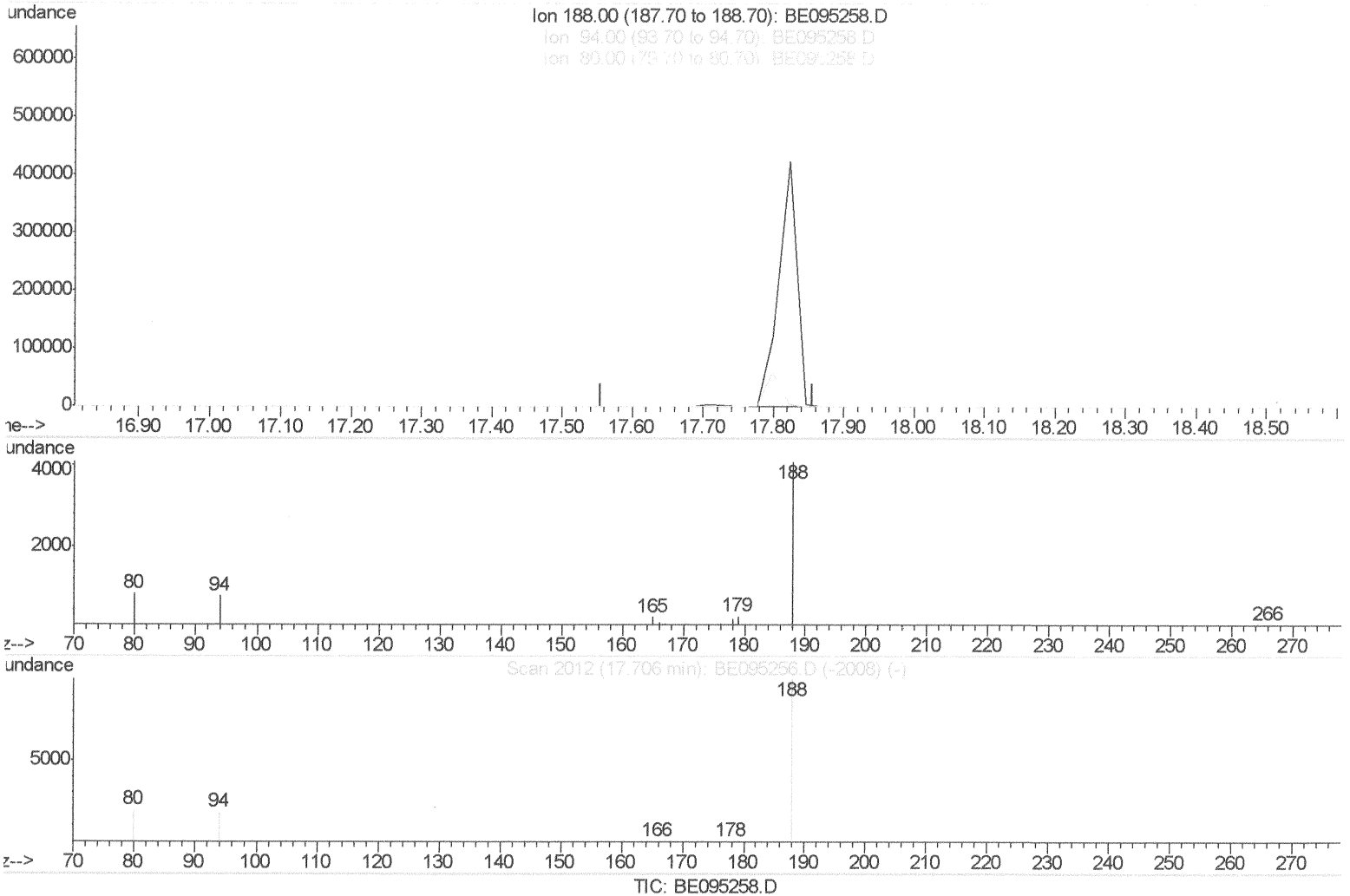
Quant Time: Jan 30 06:31:54 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:22:23 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 3:32:43 PM

Sohil

APPROVED

Manual Integrations

#00.0 00.11 00.46

F6B36

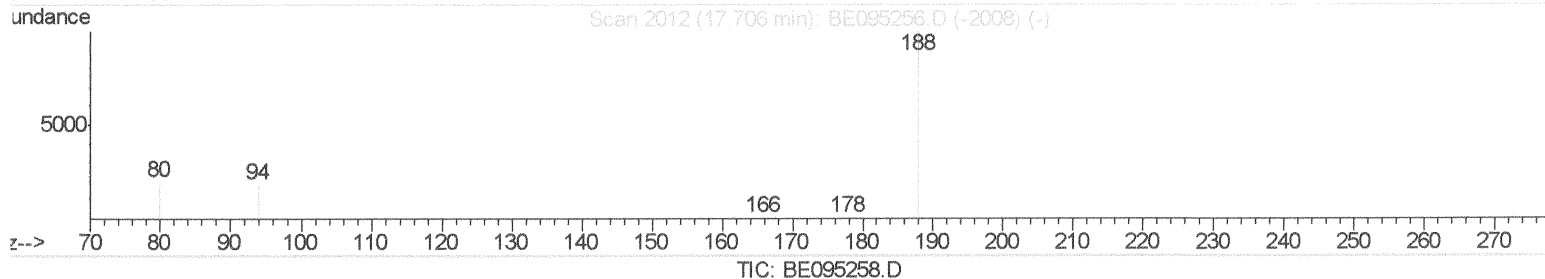
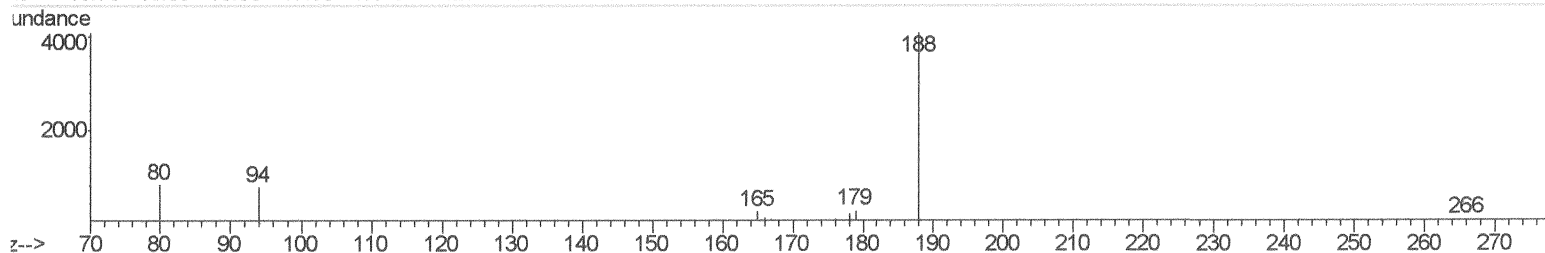
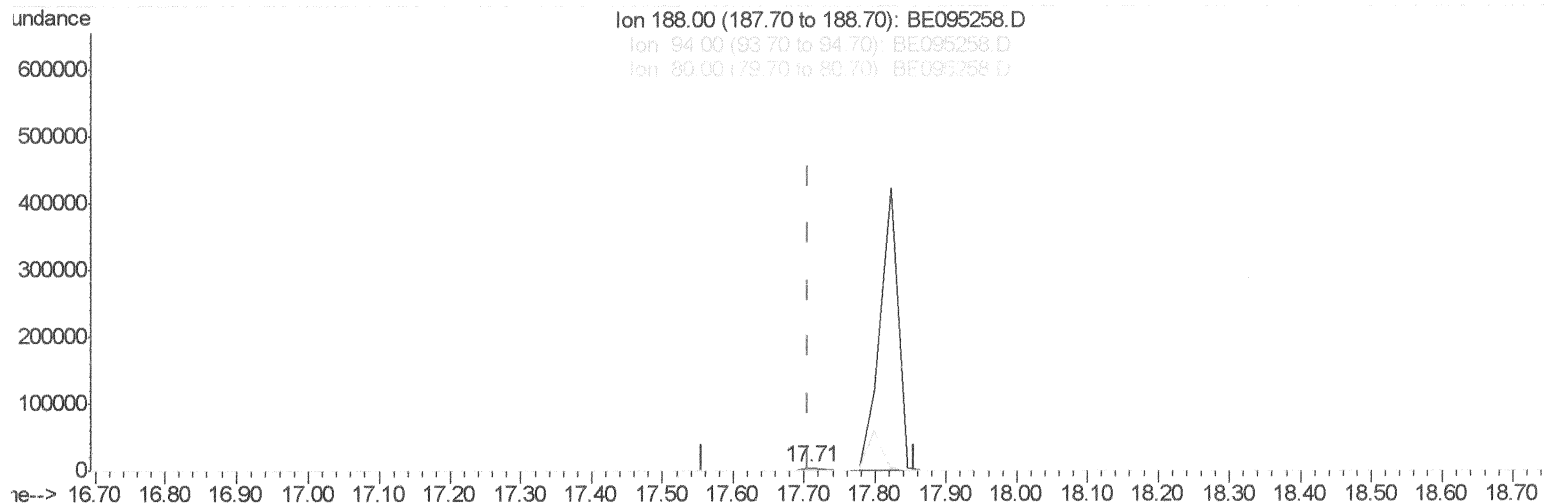
#ClientSampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:22:23 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

3/29/18

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

#474 18.74 11.00 94.00

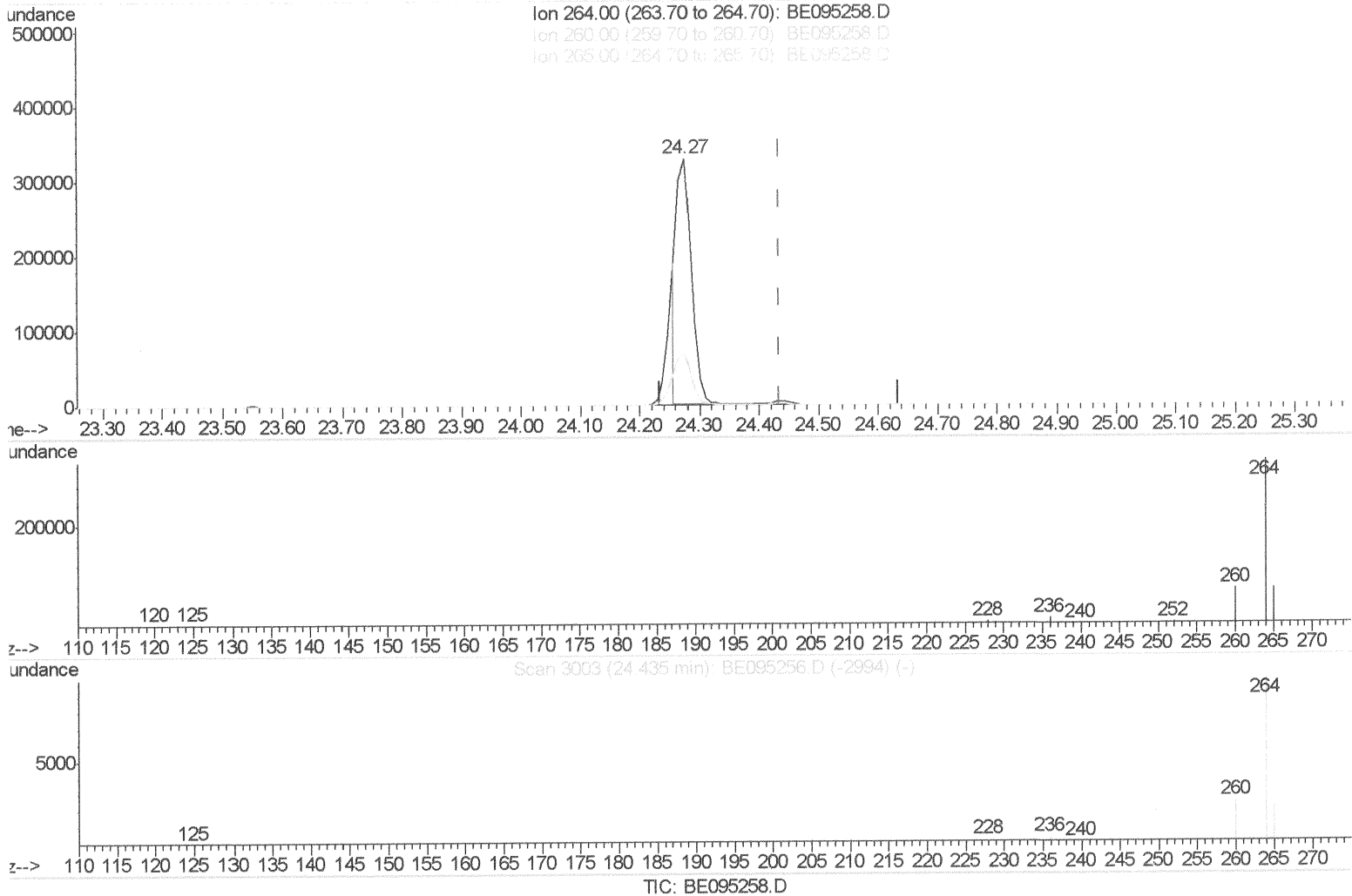
#96 Client Sampled :

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:28:57 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)

24.274min (-0.161) 0.40ng/ul

1/30/2018 3:32:43 PM

Sohil

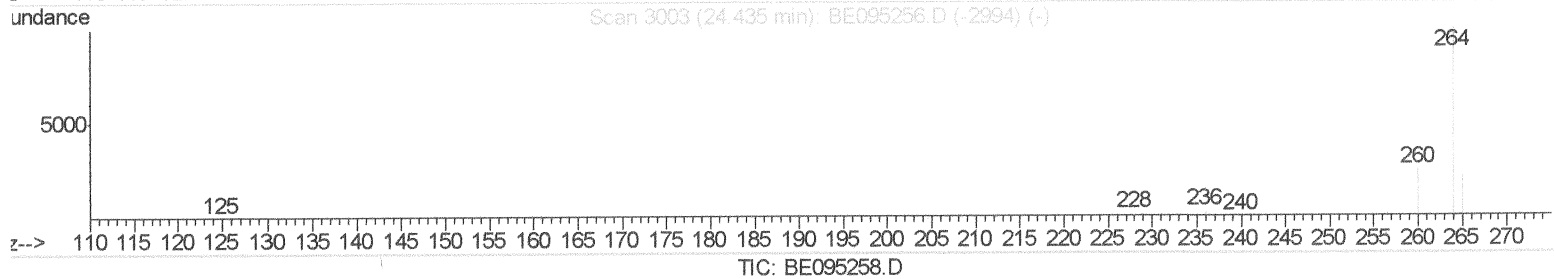
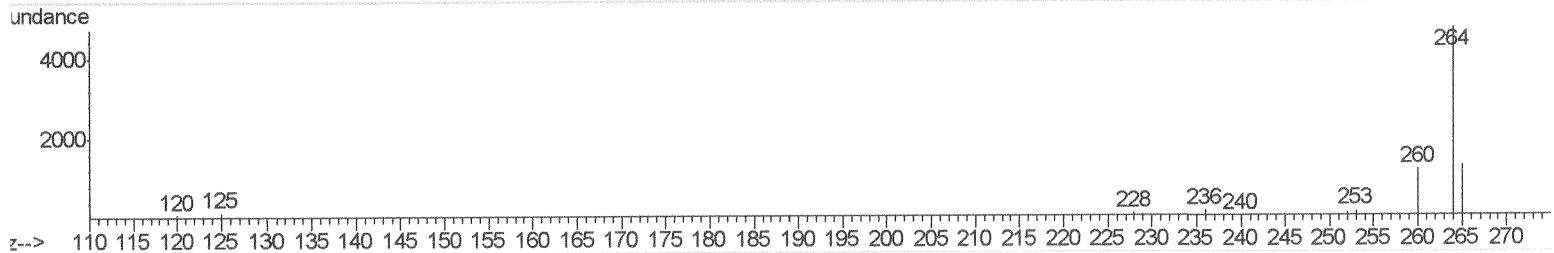
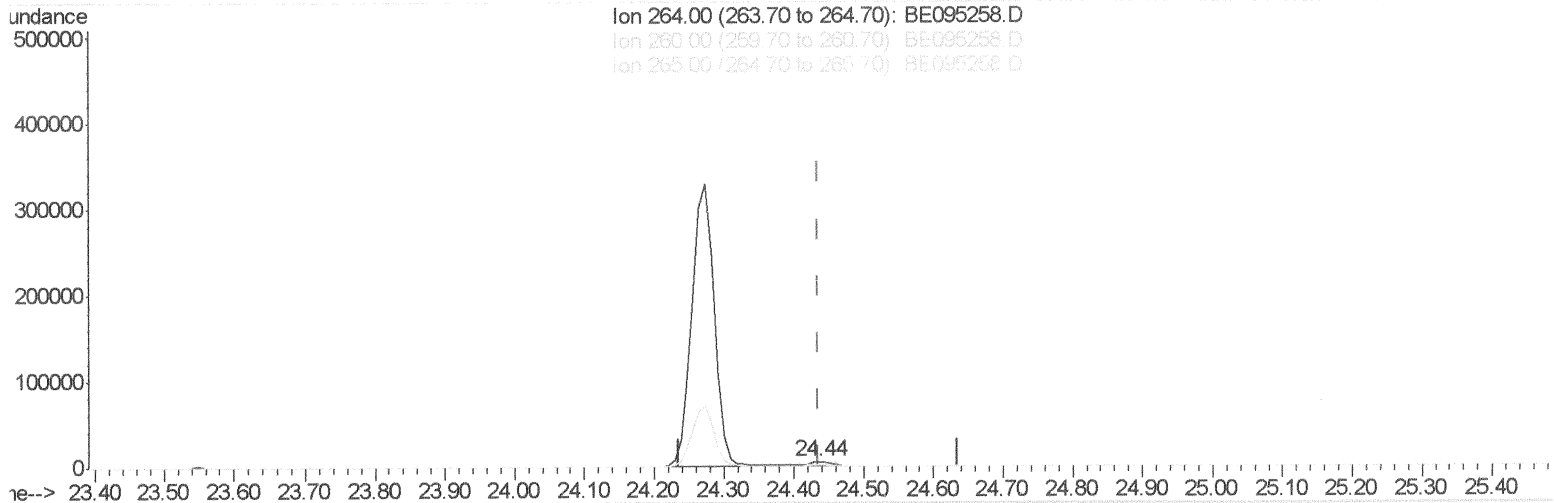
APPROVED
 Manual Integrations

Instrument :
 BNA_E
 Client Sample :
 #631
 F6B36

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095258.D
Acq On : 29 Jan 2018 21:57
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:28:57 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)

24.436min (+0.001) 0.40ng/ul m

24.436min

1/30/2018 3:32:43 PM

Sohil

Manual Integrations
APPROVED

25.61 01.06 00.092

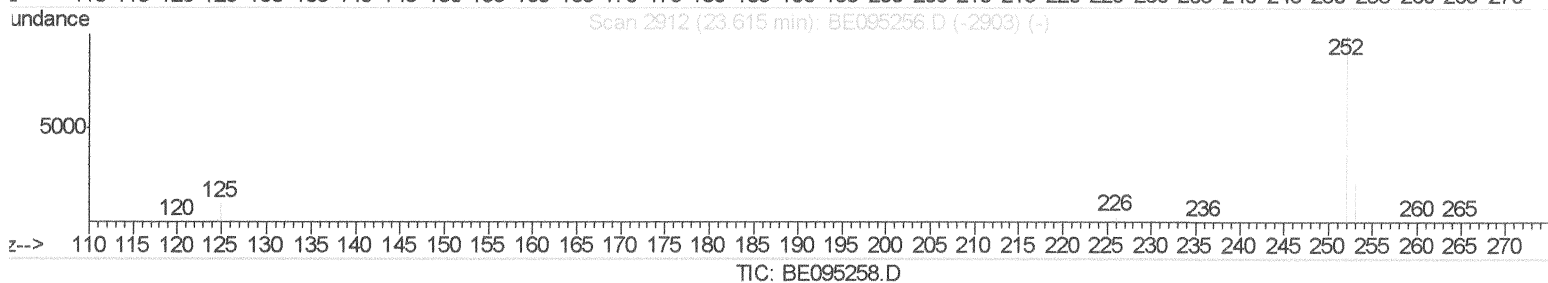
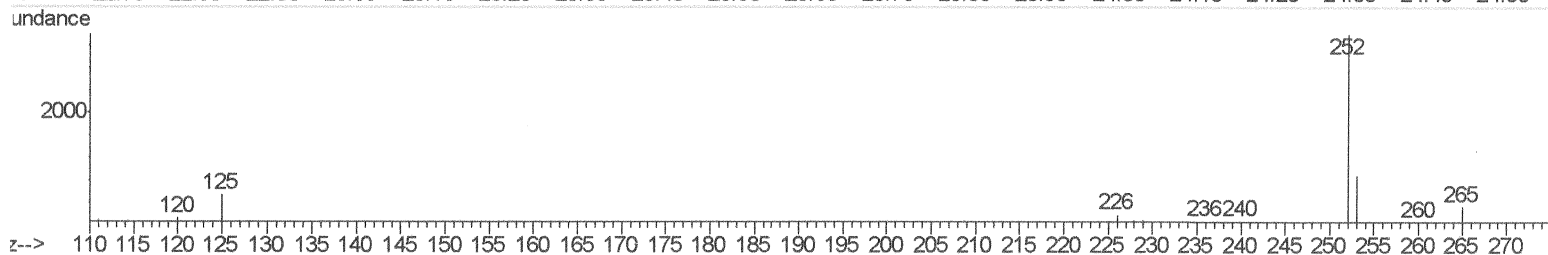
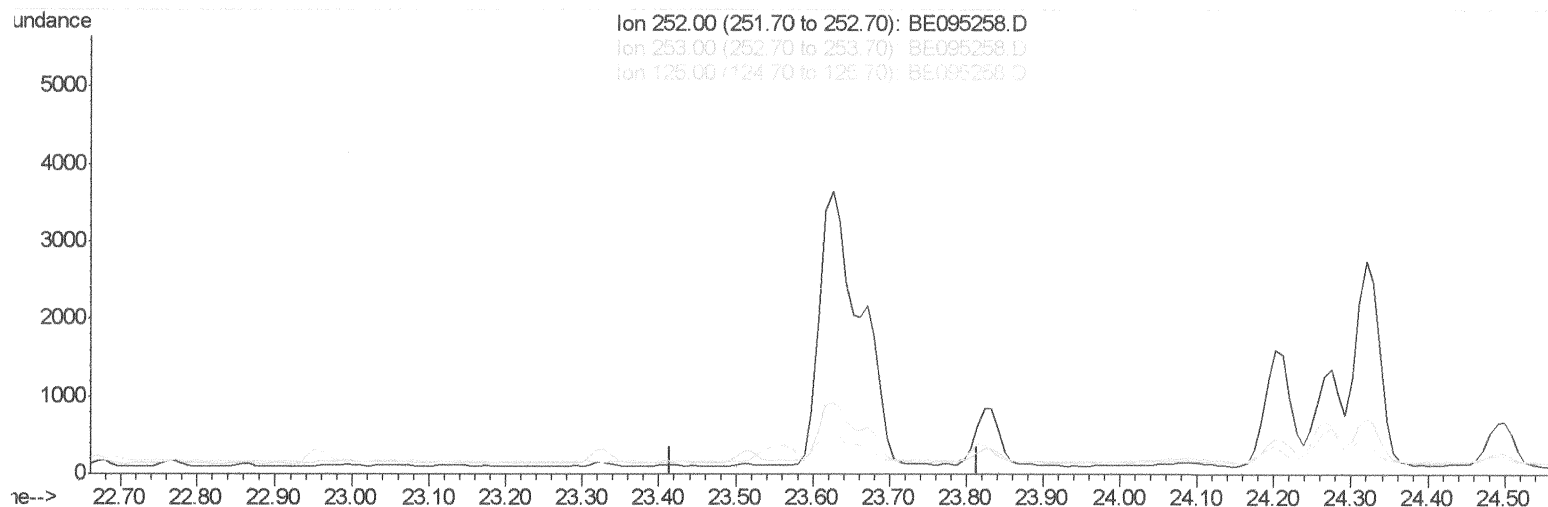
Client Sampled : 7.84#

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



(21) Benzo(b)fluoranthene

23.615min (-23.615) 0.00ng/ul

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

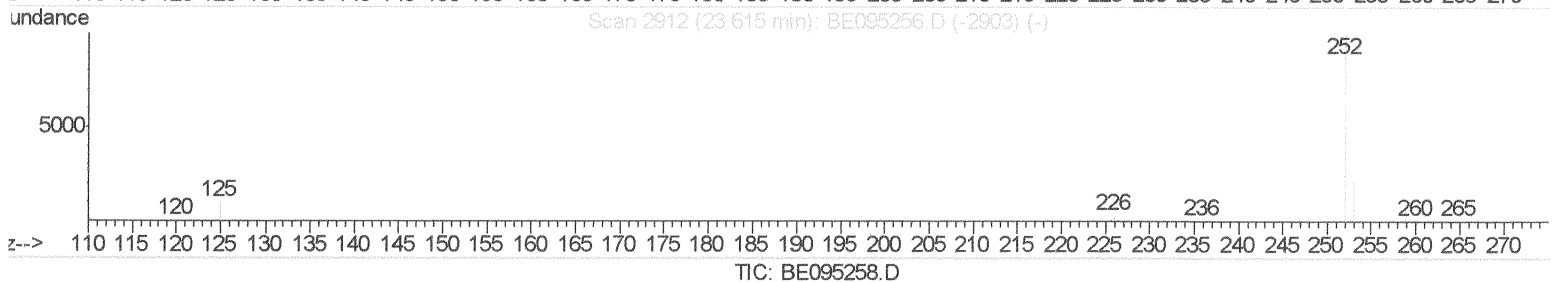
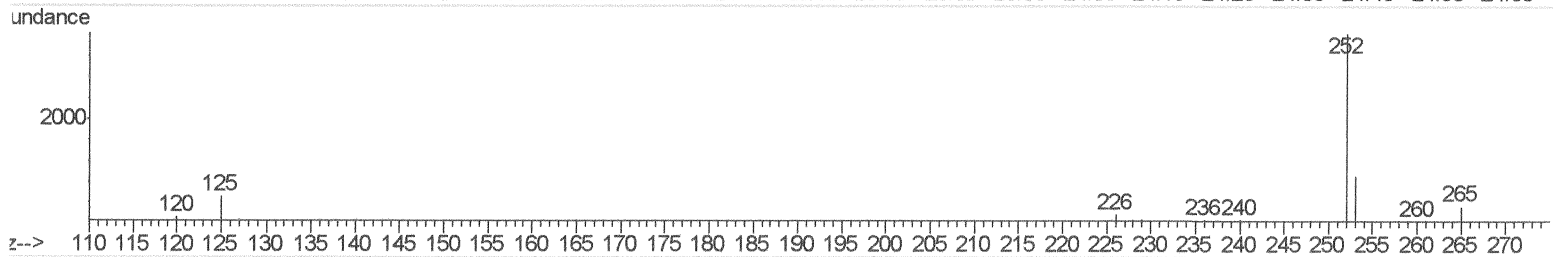
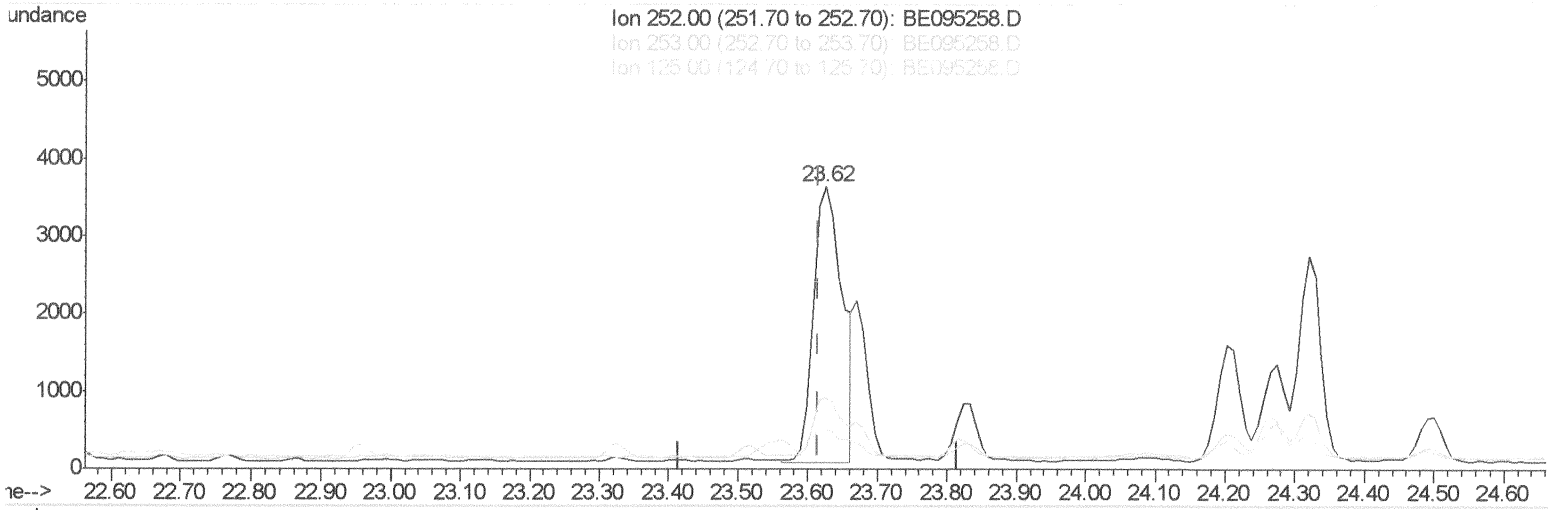
Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095258.D
Acq On : 29 Jan 2018 21:57
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



(21) Benzo(b)fluoranthene

23.625min (+0.010) 0.34ng/ul m

Handwritten signature: juan/01/18

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

253.00 32.10 25.45

F6B36

Client Sampled :

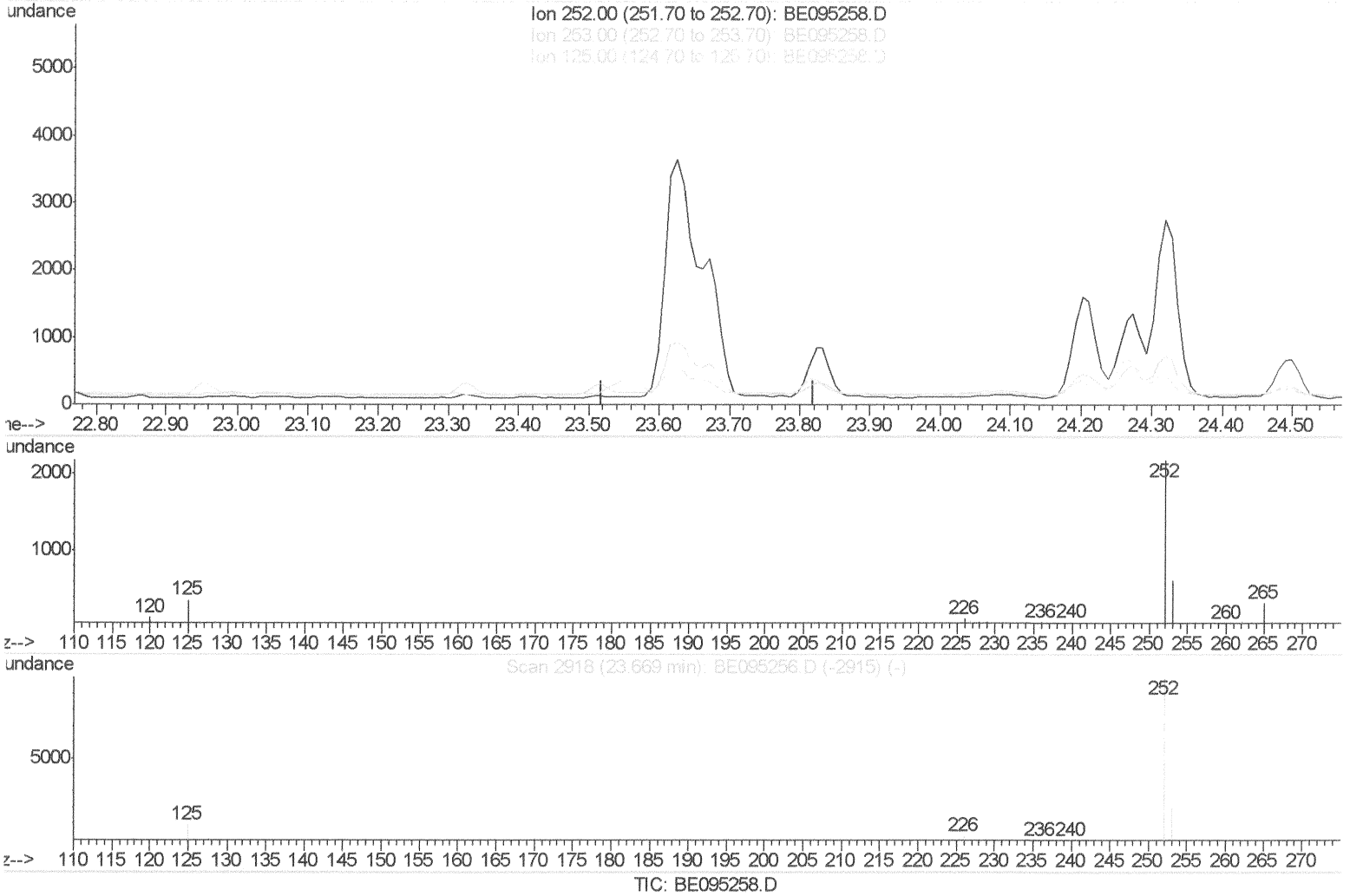
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095258.D
Acq On : 29 Jan 2018 21:57
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



(22) Benzo(k)fluoranthene

23.669min (-23.669) 0.00ng/ul

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

#00.00 30.60 253.00

F6B36

#0 Client Sampled :

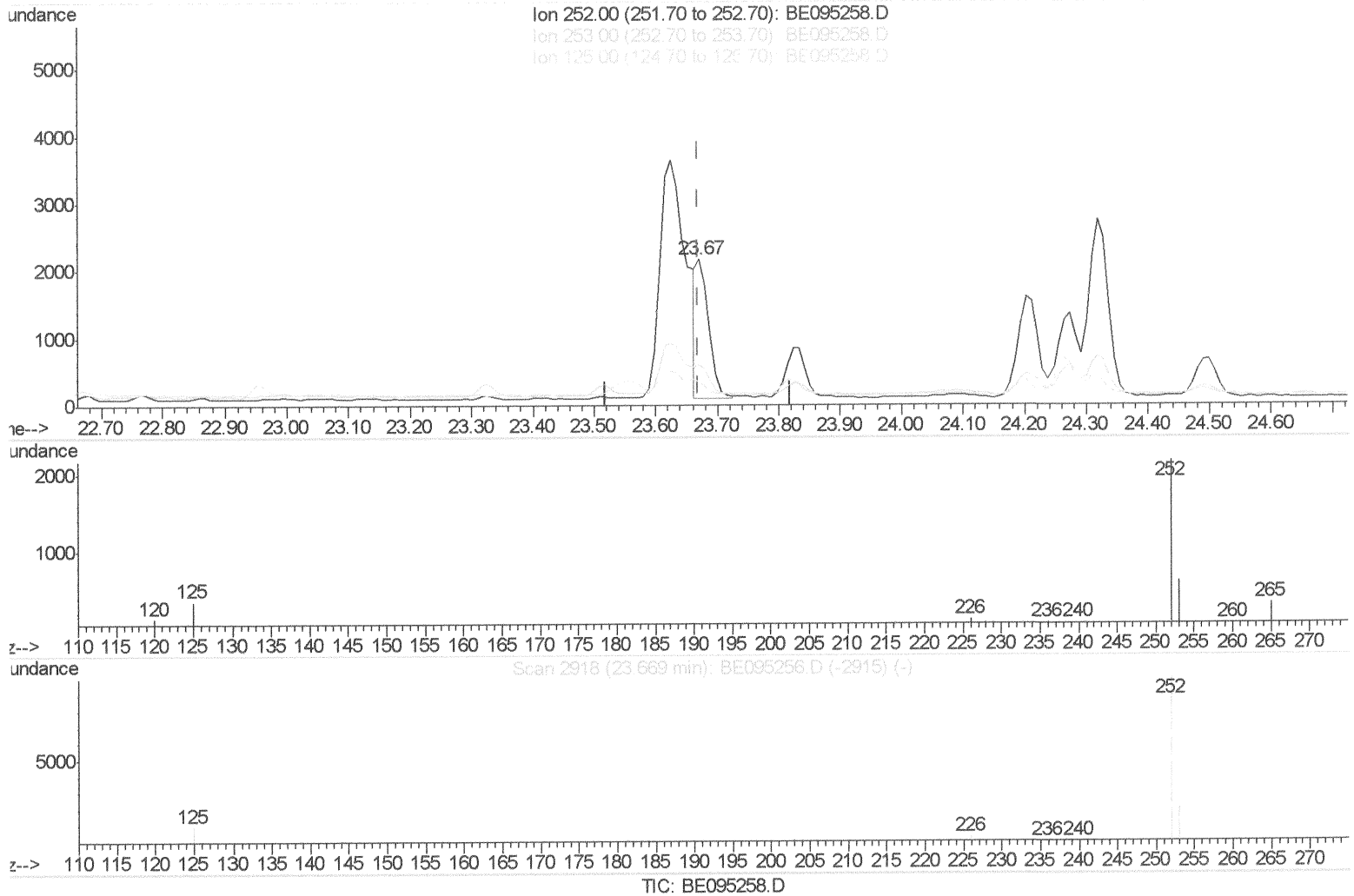
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095258.D
Acq On : 29 Jan 2018 21:57
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



(22) Benzo(k)fluoranthene

23.670min (+0.001) 0.10ng/ul m

23.670min

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

253.00 30.06 28.28

F6B36

Client Sampled :

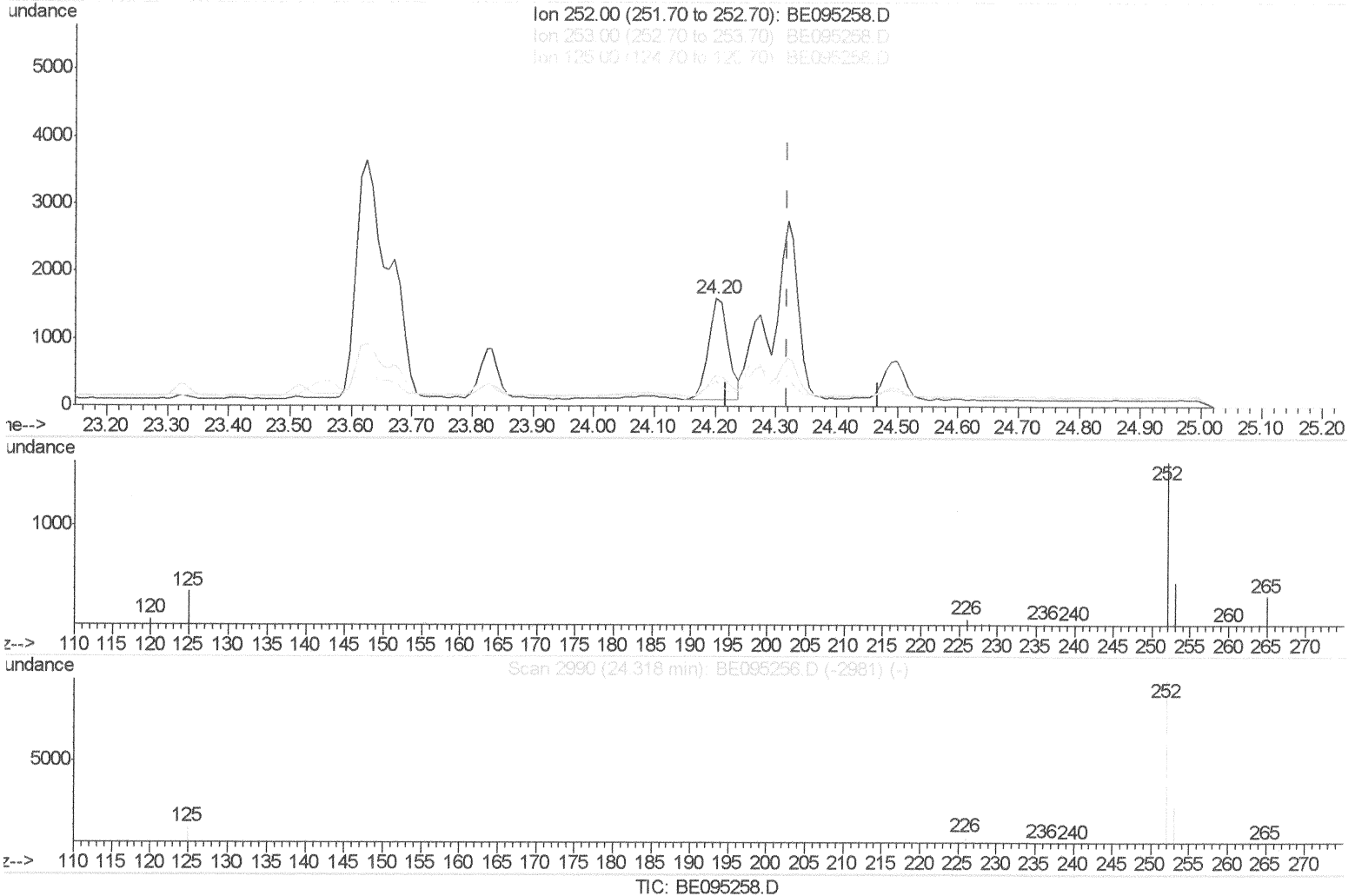
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095258.D
Acq On : 29 Jan 2018 21:57
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



(23) Benzo(a)pyrene (C)

24.202min (-0.116) 0.13ng/ul

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

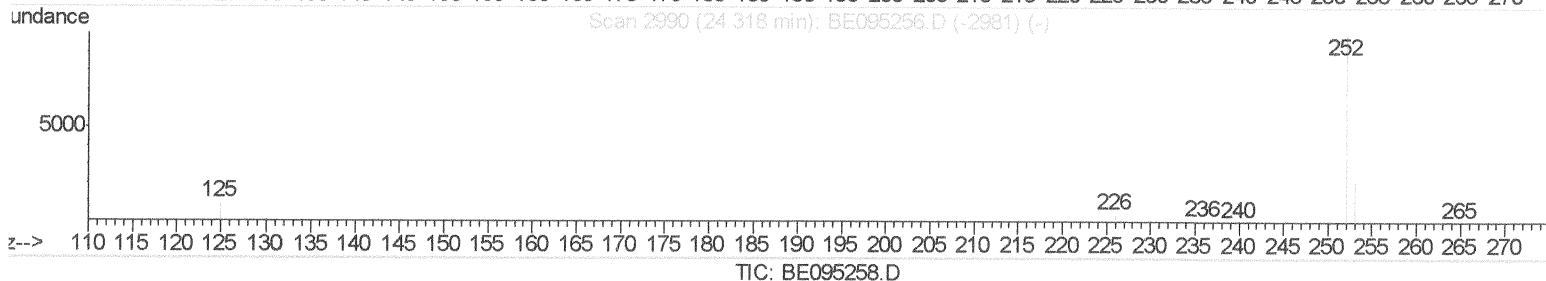
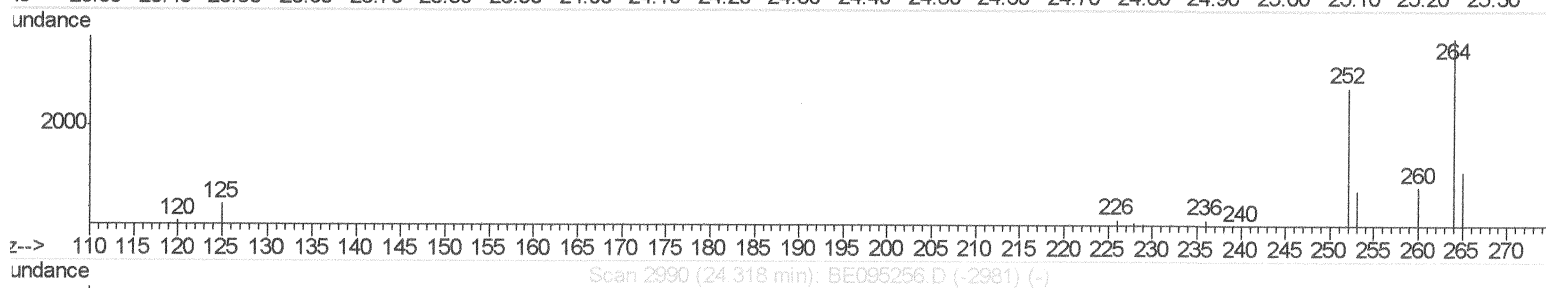
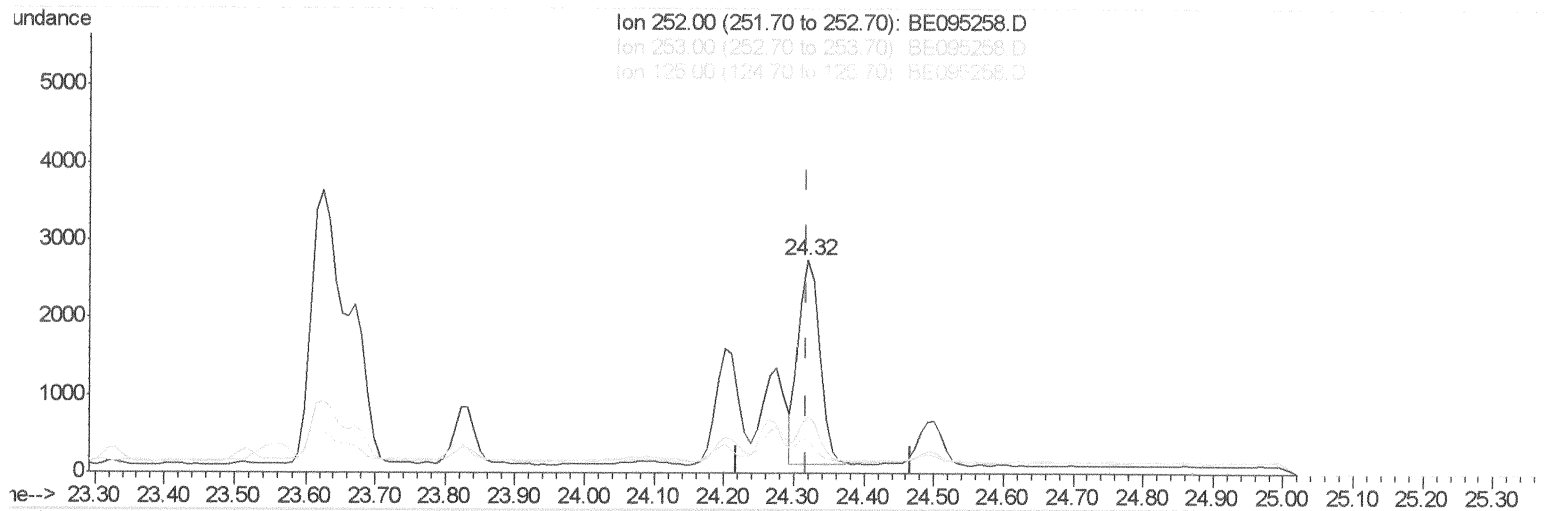
Client Sampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



(23) Benzo(a)pyrene (C)

24.319min (+0.001) 0.20ng/ul m

24.319

1/30/2018 3:32:43 PM

Sohil

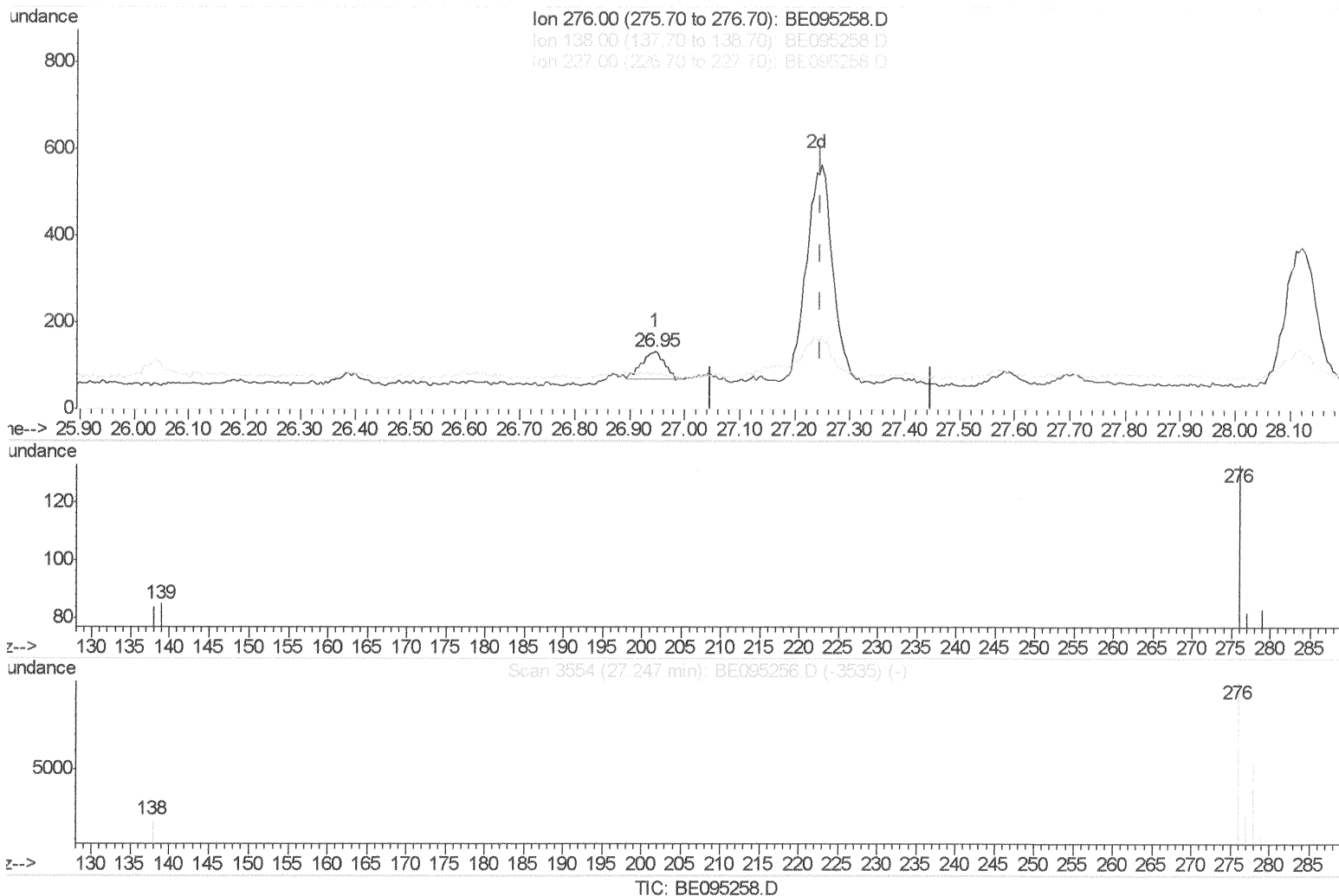
Manual Integrations
 APPROVED

Instrument : BNA_E
 Client Sample : #7
 #F6B36

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



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

26.947min (-0.300) 0.01ng/ul

1/30/2018 3:32:43 PM

Sohil

Manual Integrations
 APPROVED

#34.73 35.00 138.00

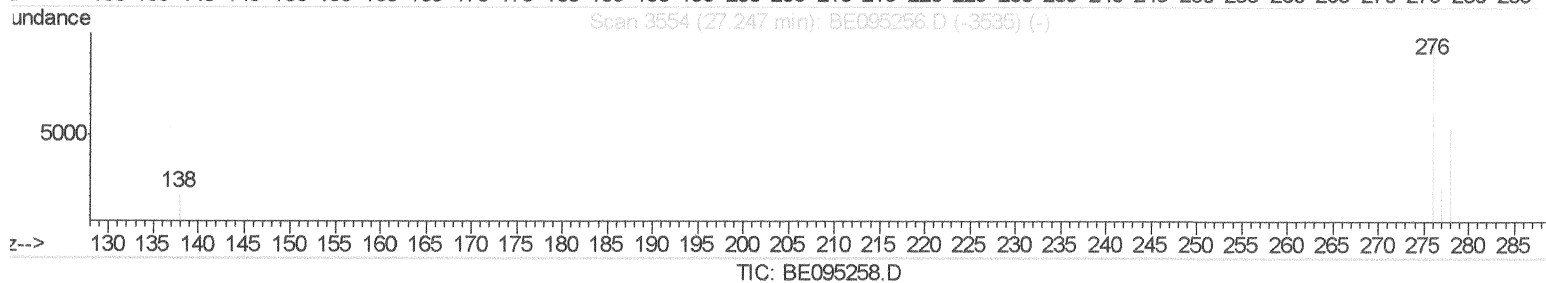
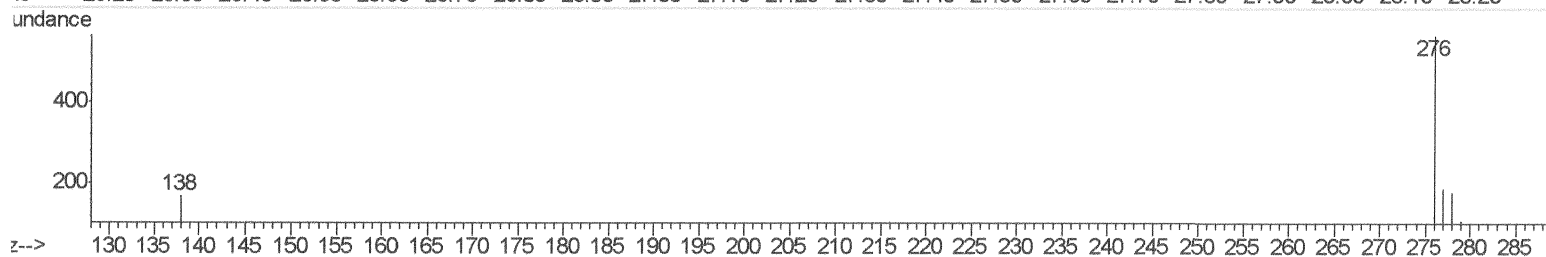
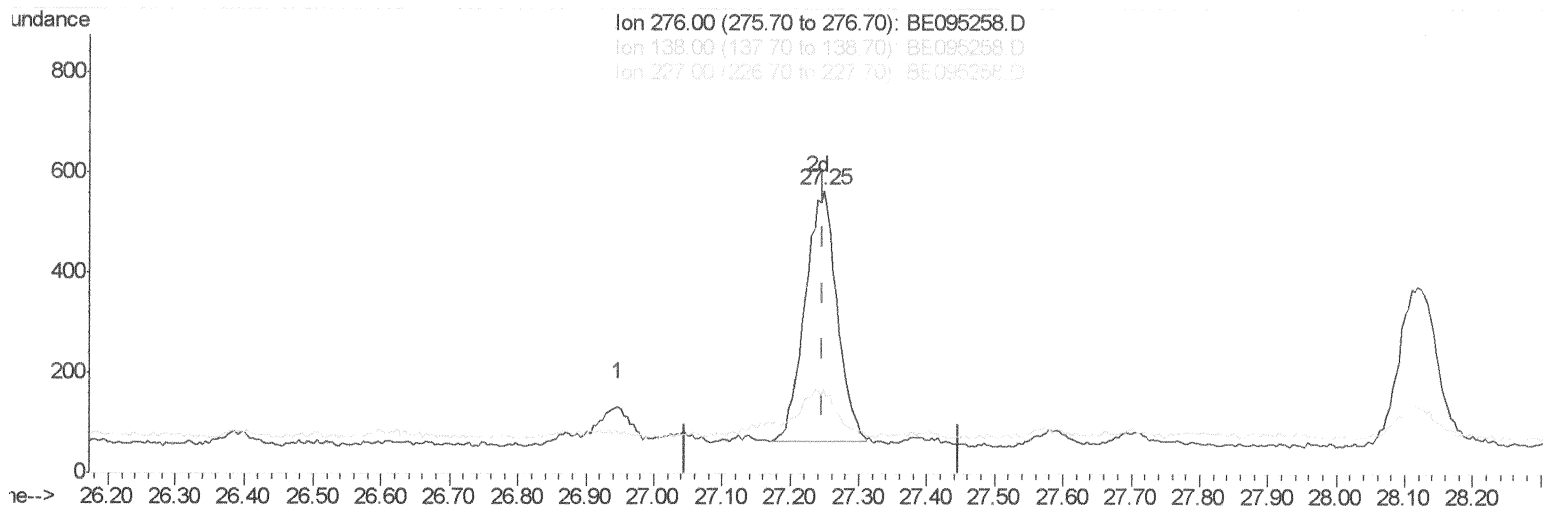
#ClientSampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



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

27.247min (+0.001) 0.05ng/ul m

Handwritten signature

1/30/2018 3:32:43 PM

Sohil

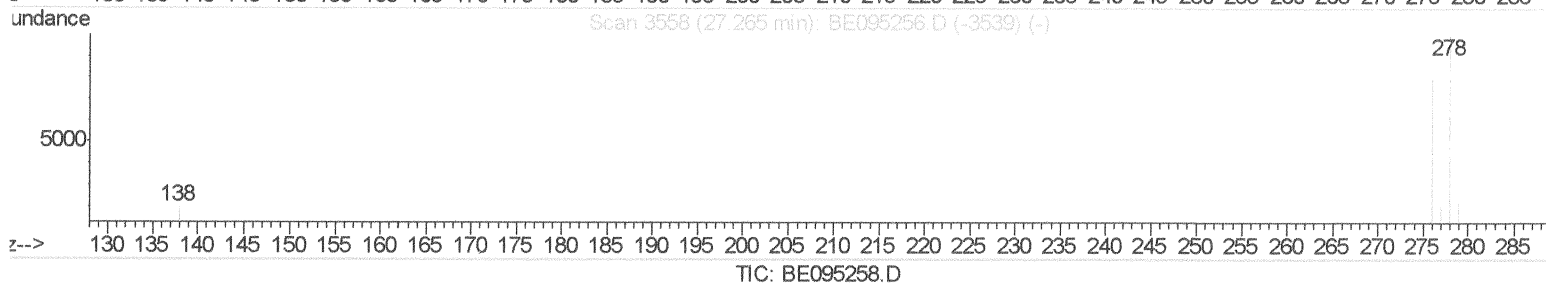
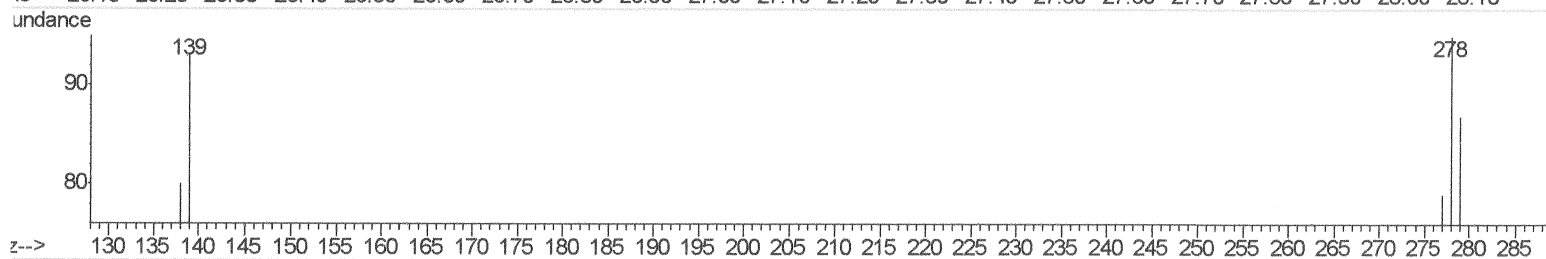
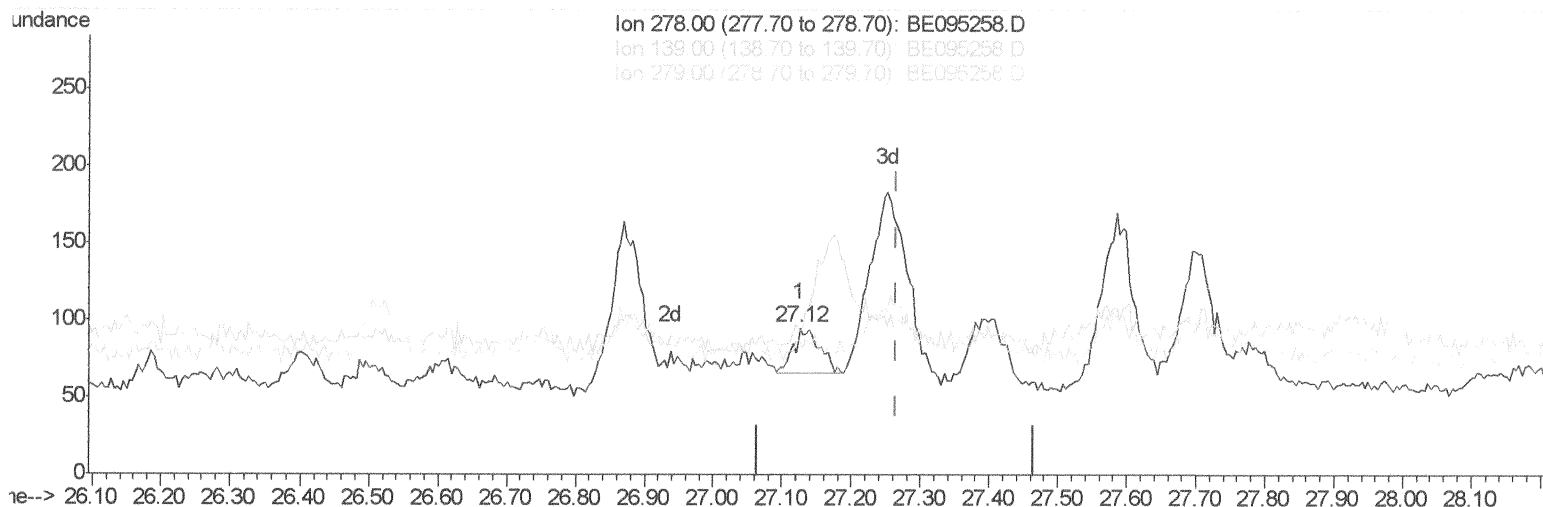
Manual Integrations
 APPROVED

Instrument : BNA_E
 Client Sampled : #F6B36
 2.74#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



(25) Dibenzo(a,h)anthracene

27.124min (-0.141) 0.00ng/ul

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

#6876 07/12/19 97.89

F6B36

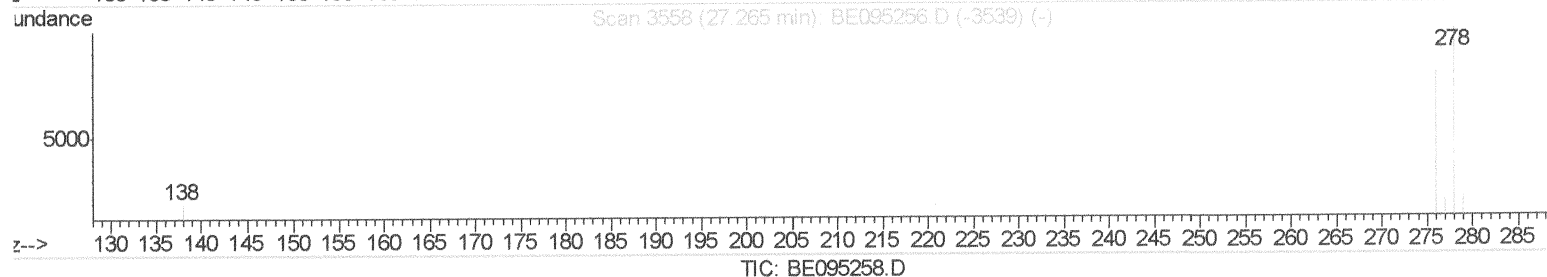
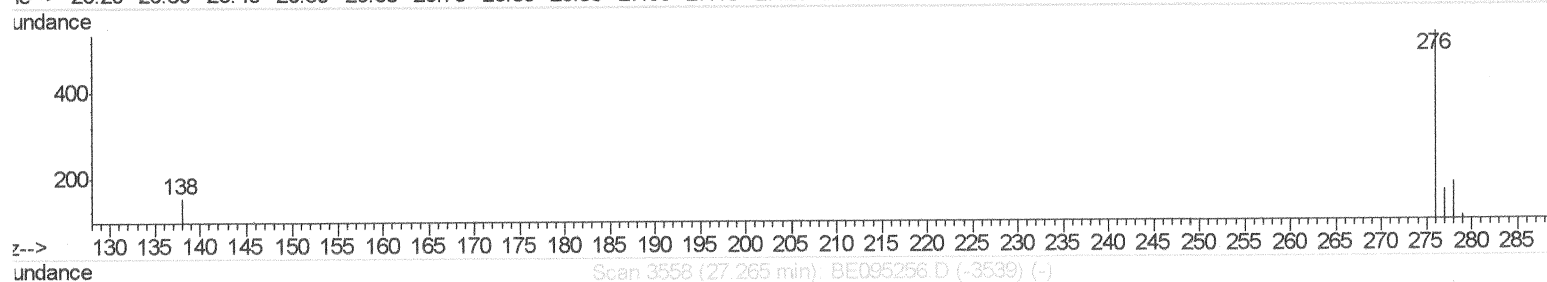
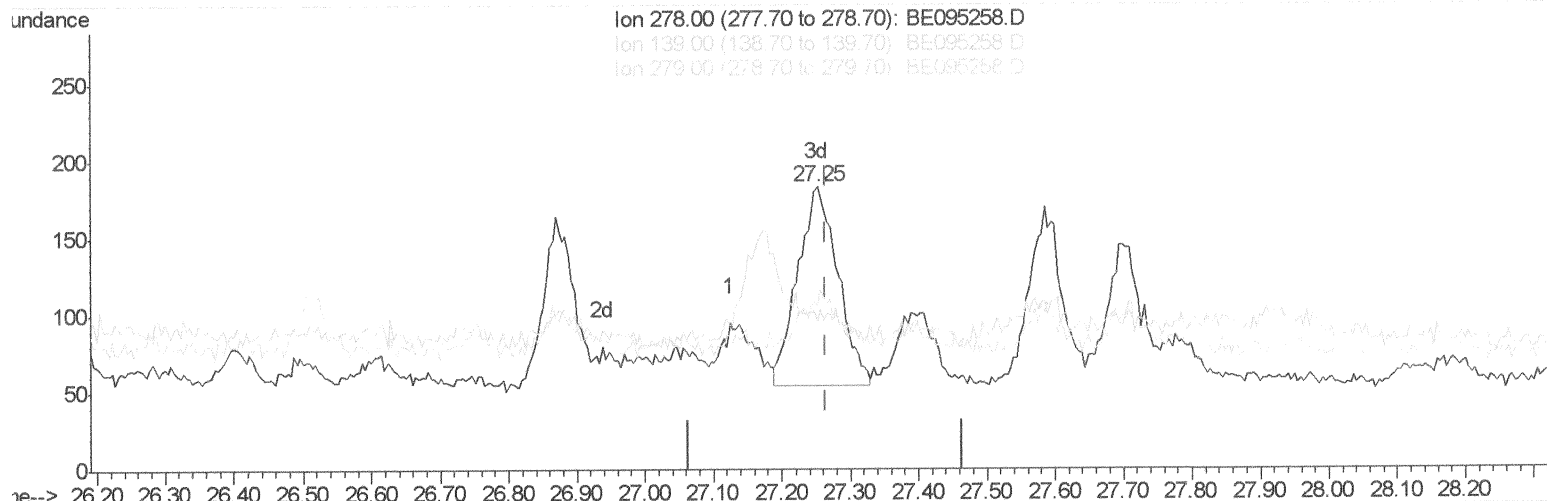
#8 Client Sampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



(25) Dibenzo(a,h)anthracene

27.252min (-0.013) 0.02ng/ul m

27.252min

1/30/2018 3:32:43 PM

Sohil

Manual Integrations
 APPROVED

#101# 53.01 21.70 139.00

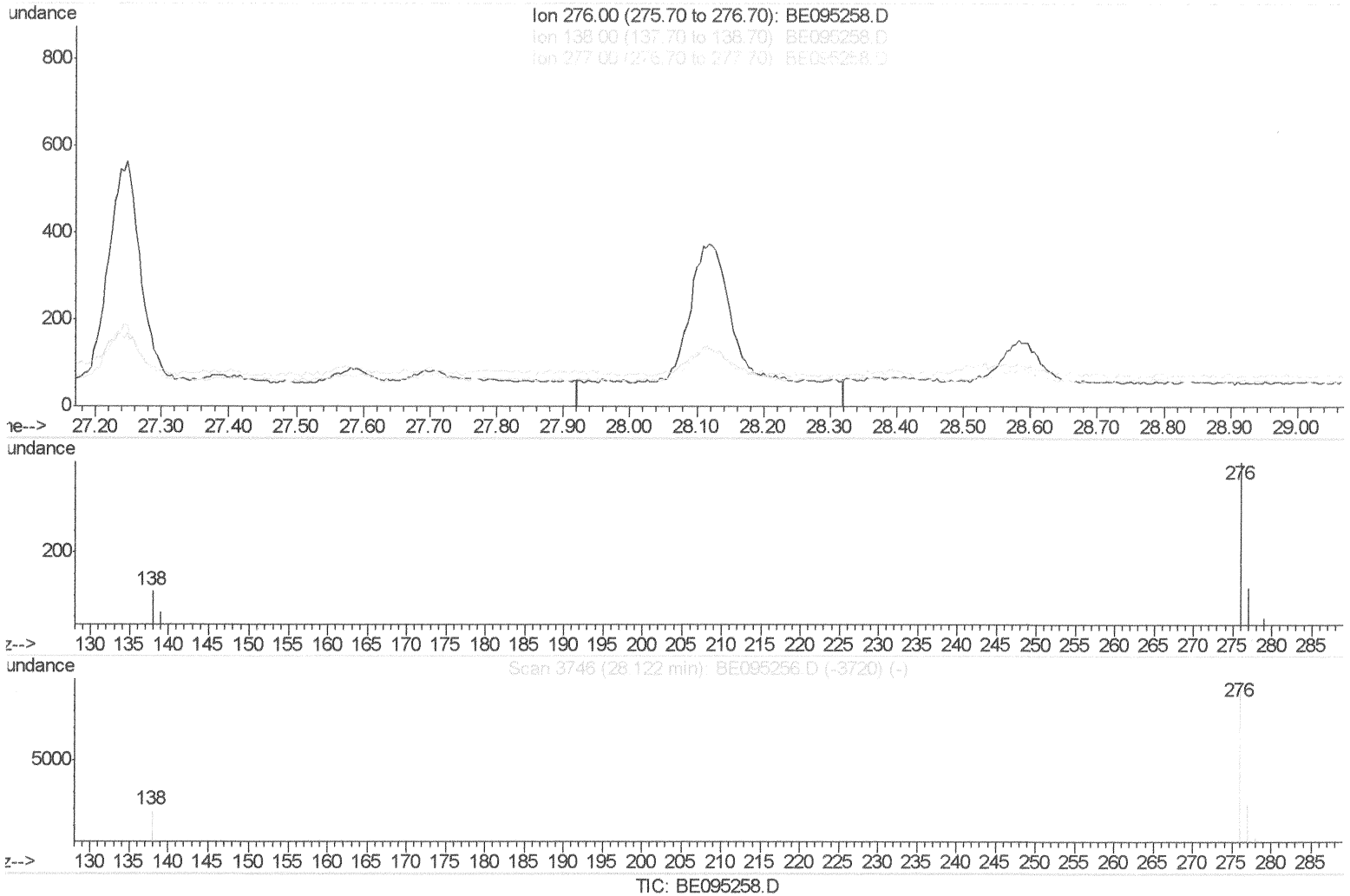
#26 Client Sampled : F6B36

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



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

28.122min (-28.122) 0.00ng/ul

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

#0

#0F6B36

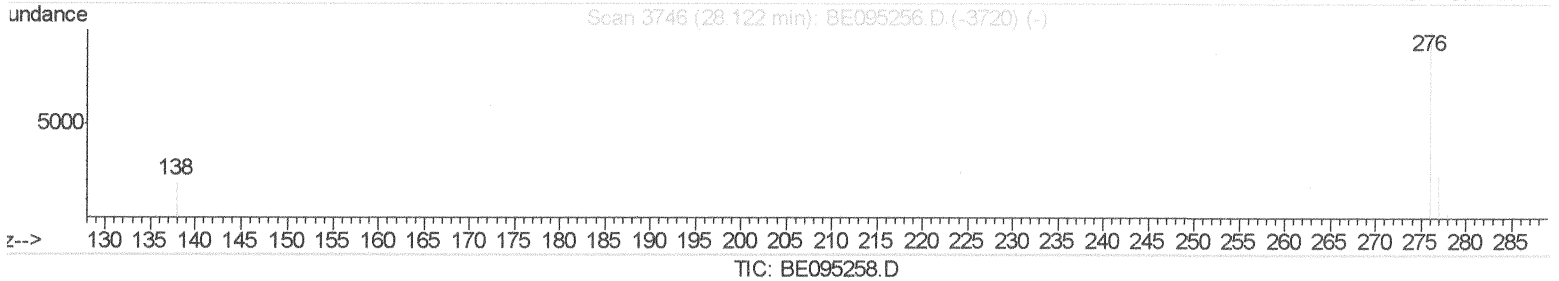
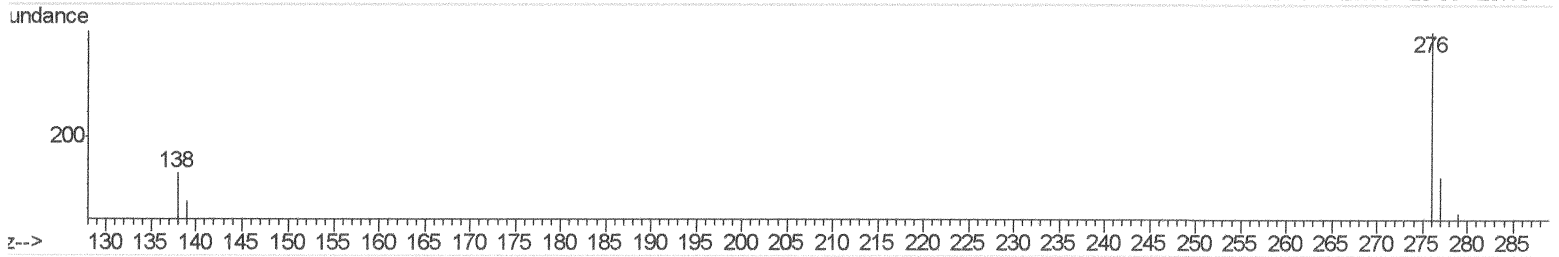
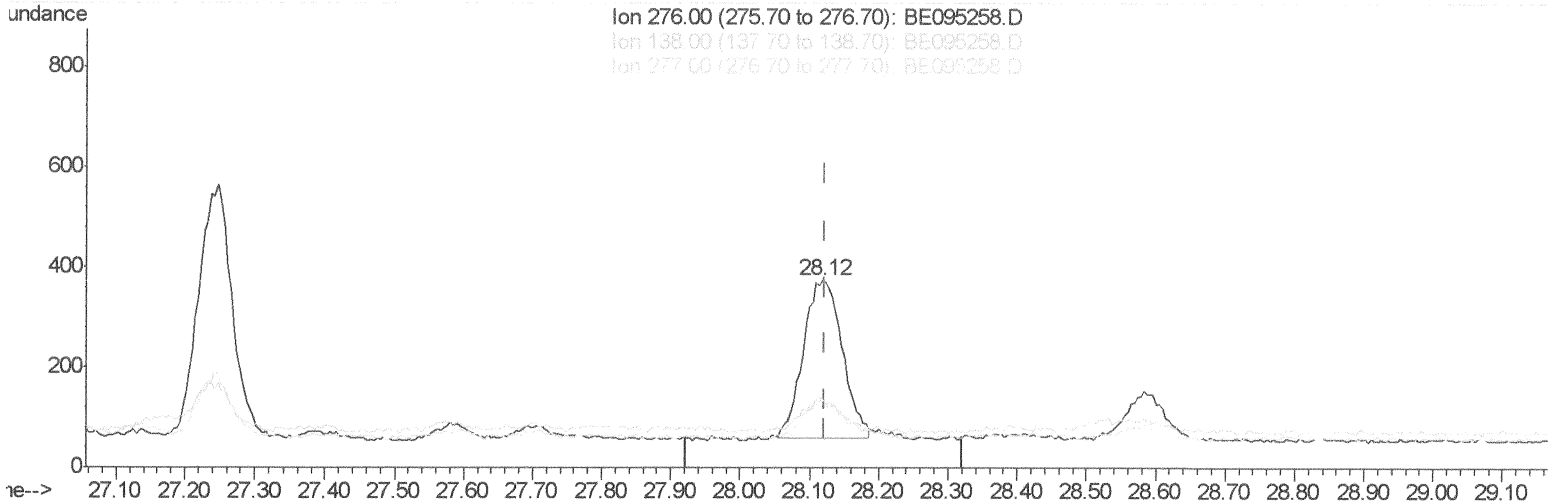
ClientSampled :

Instrument :
 BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095258.D
Acq On : 29 Jan 2018 21:57
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:29:30 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



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

28.118min (-0.004) 0.05ng/ul m

see 2/10/18

1/30/2018 3:32:43 PM

Sohil

APPROVED

Manual Integrations

Client Sampled : #33

Instrument : BNA_E

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095258.D
 Acq On : 29 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1243-13
 Disc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 06:31:54 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	2280	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7125	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4968	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9282m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9690	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8732m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	4091	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10927	0.31	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	63743	3.195	ng/ul#	87
5) 2-Methylnaphthalene	12.89	142	59408	4.459	ng/ul	99
7) Acenaphthylene	14.74	152	1649	0.069	ng/ul#	78
8) Acenaphthene	15.08	153	65531	3.534	ng/ul	93
9) Fluorene	16.03	166	61501	3.216	ng/ul#	73
11) Pentachlorophenol	17.36	266	5548	3.086	ng/ul	95
12) Phenanthrene	17.75	178	287816	9.220	ng/ul#	86
13) Anthracene	17.85	178	49186	1.721	ng/ul#	91
15) Fluoranthene	19.72	202	154698	3.827	ng/ul	83
17) Pyrene	20.08	202	104089	3.201	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	23651	0.781	ng/ul#	86
19) Chrysene	21.84	228	16256	0.517	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	10405m	0.338	ng/ul	} → 20/01/18
22) Benzo(k)fluoranthene	23.67	252	2850m	0.101	ng/ul	
23) Benzo(a)pyrene	24.32	252	5594m	0.203	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	1643m	0.054	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	532m	0.022	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	1225m	0.048	ng/ul	

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

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Sohil

APPROVED

Manual Integrations

F6B36

Client Sampled :

BNA_E

Instrument :