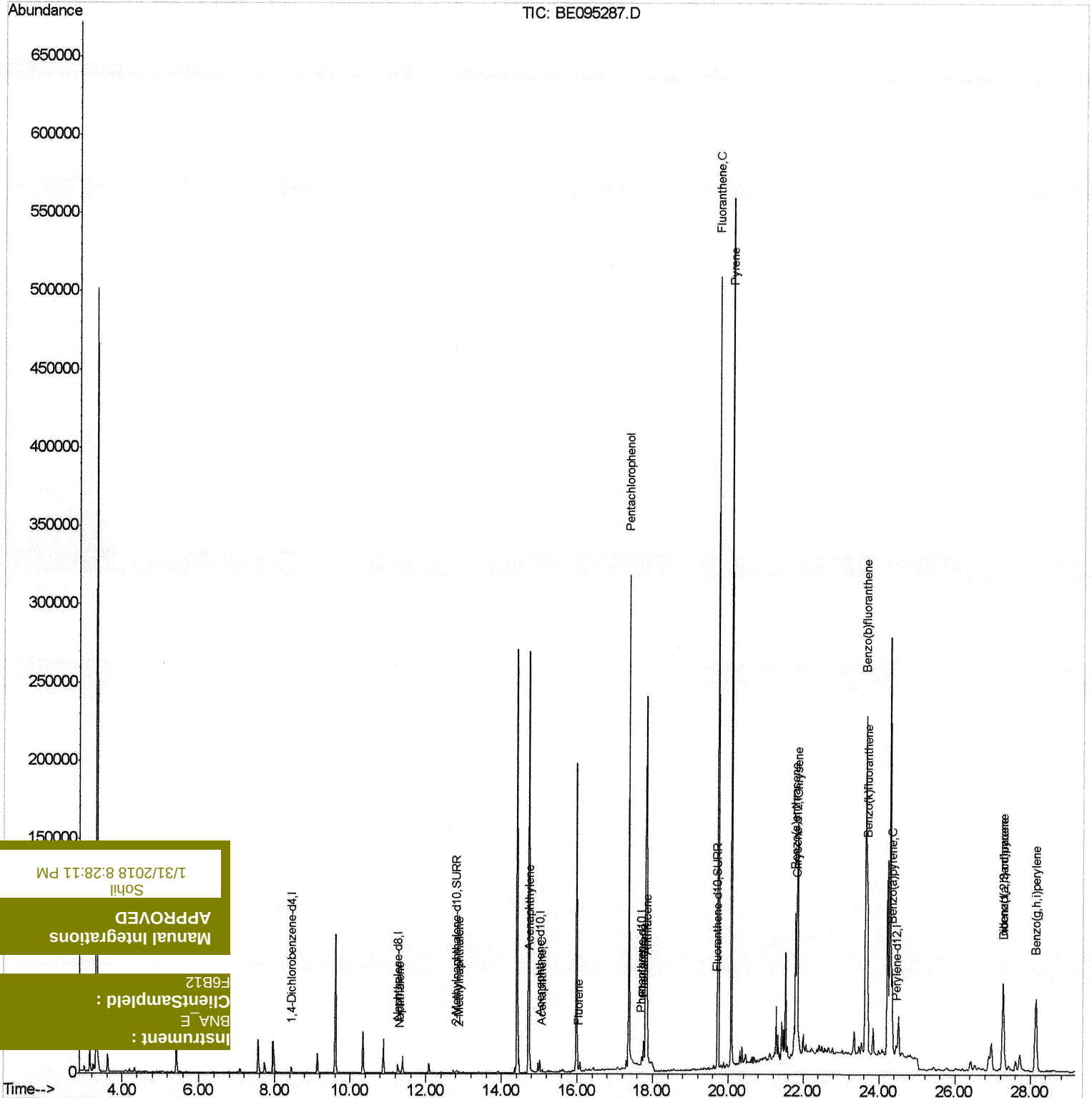


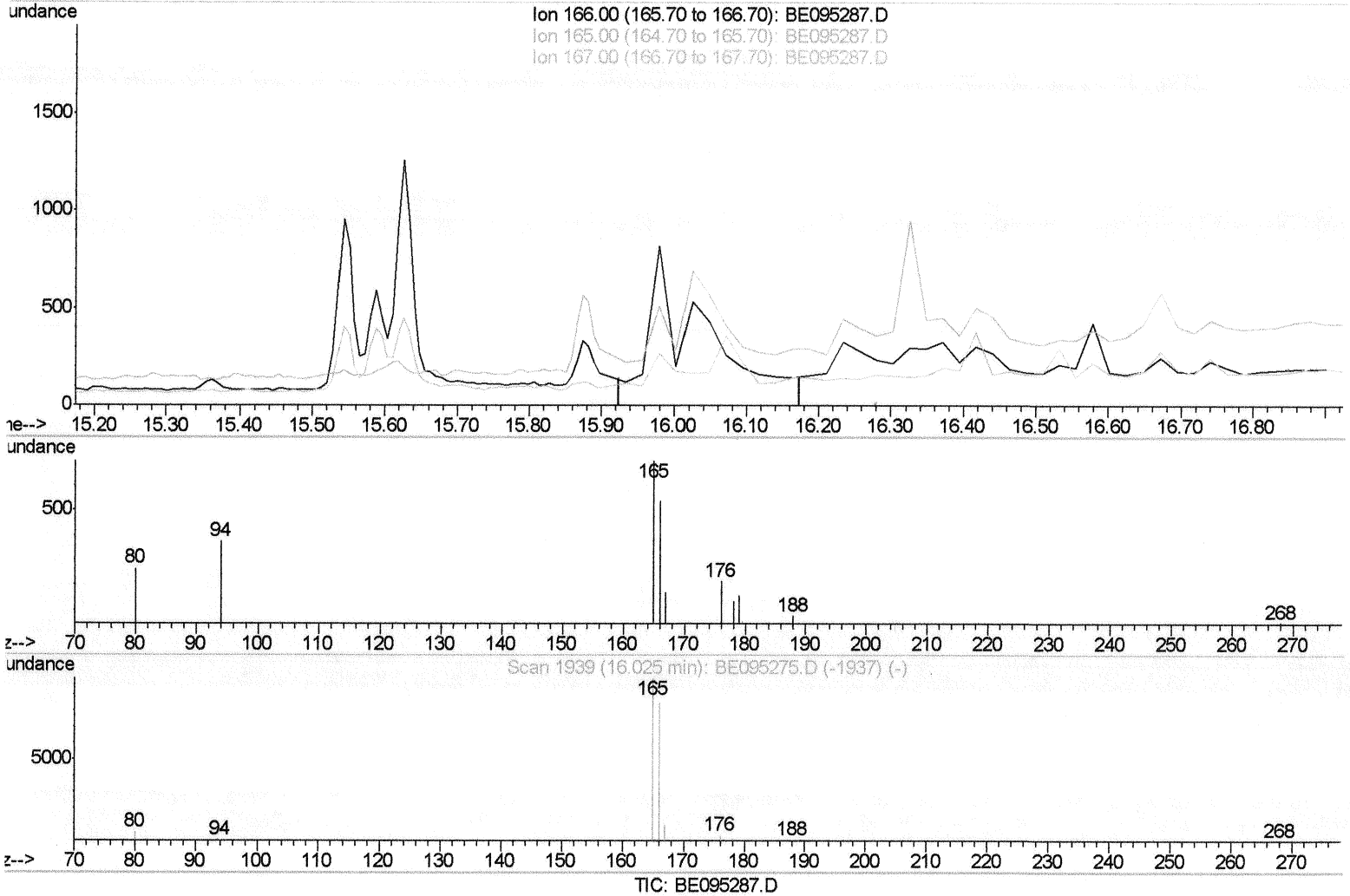
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:16:04 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



```
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
Data File : BE095287.D  
Acq On    : 30 Jan 2018   16:03  
Operator   : SJ/JU  
Sample     : J1233-08  
Misc      :  
ALS Vial   : 14      Sample Multiplier: 1
```

Quant Time: Jan 31 01:26:23 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Wed Jan 31 01:22:09 2018
Response via : Initial Calibration



(9) Fluorene

16.025min (-16.025) 0.00ng/ul

1/31/2018 8:28:11 PM

Sohil

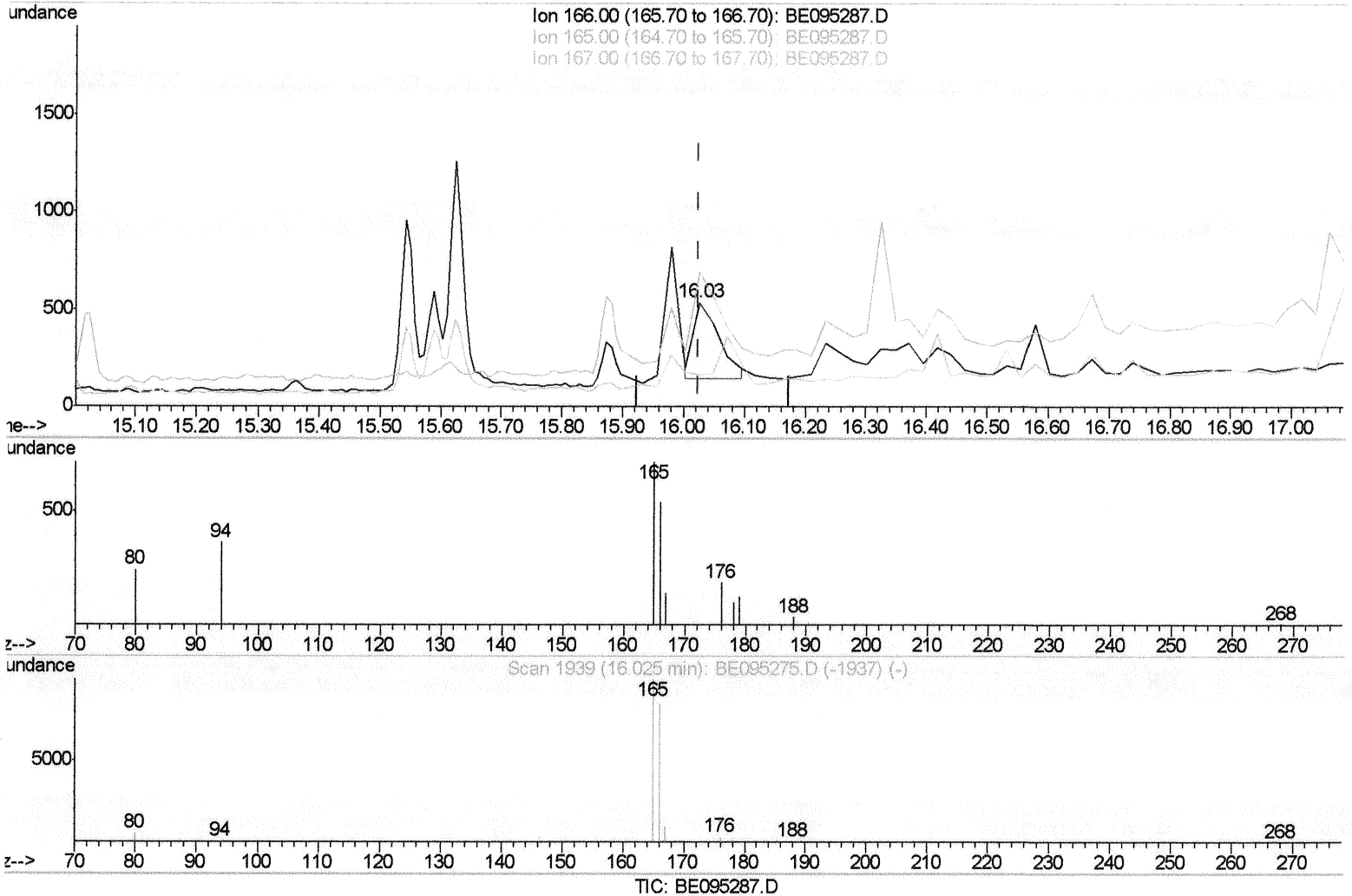
Manual Integ
APPROVED

Instrument : BNA_E
ClientSampleId : F6B12 #0

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 01:26:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(9) Fluorene

16.025min (+0.000) 0.07ng/ul m > 50 2/1/18

1/31/2018 8:28:11 PM

Sohil

APPROVED

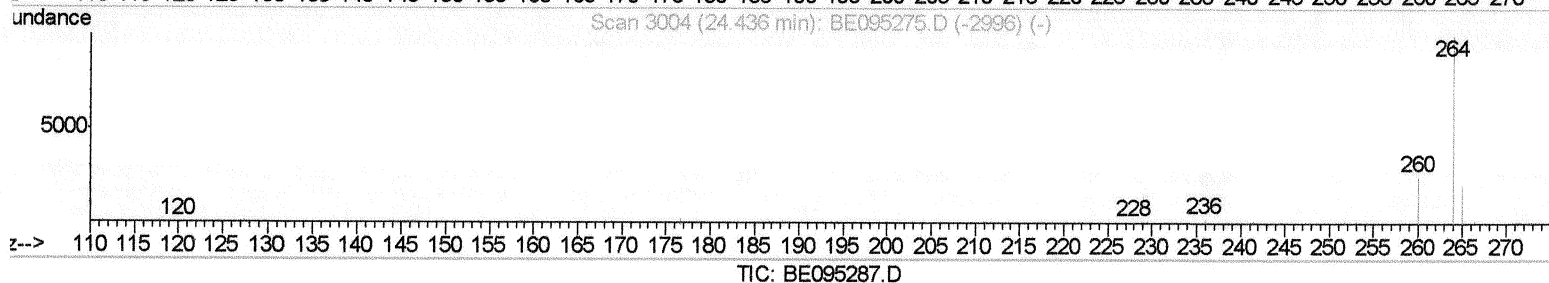
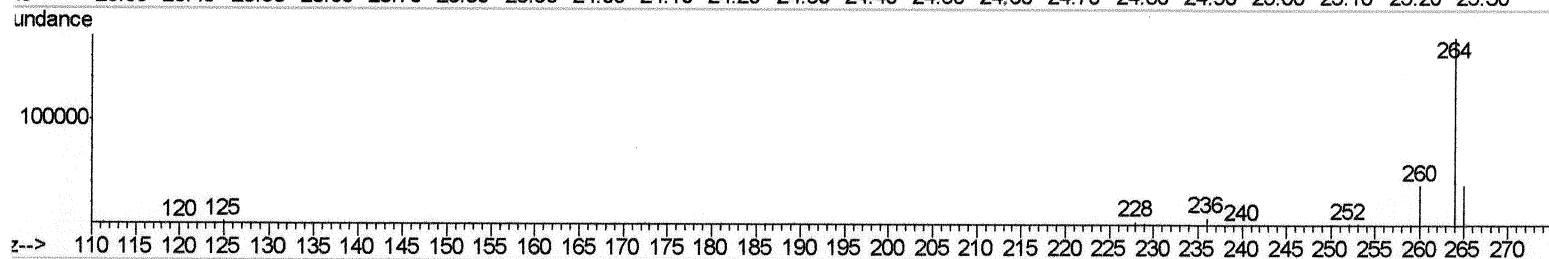
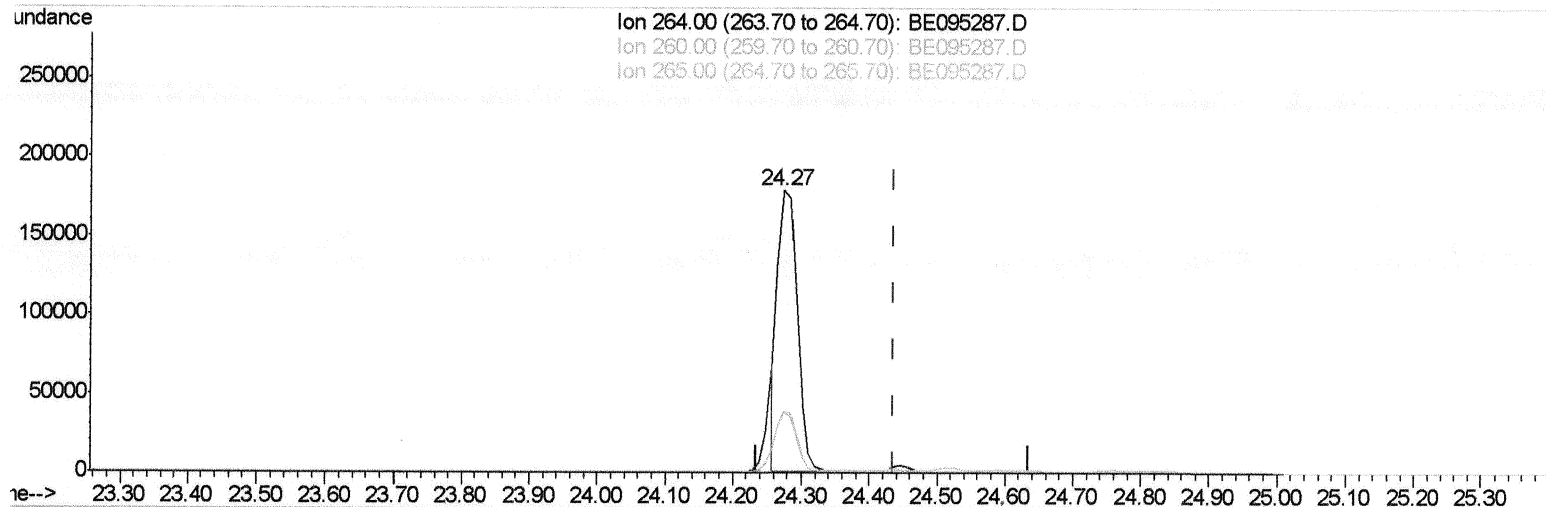
Manual Integrations

Instrument : BNA_E
 Client Sampled : #65-6812

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 01:26:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.274min (-0.162) 0.40ng/ul

1/31/2018 8:28:11 PM

Sohil

APPROVED

Manual Integrations

20.00 0.00 21.55#

F6B12

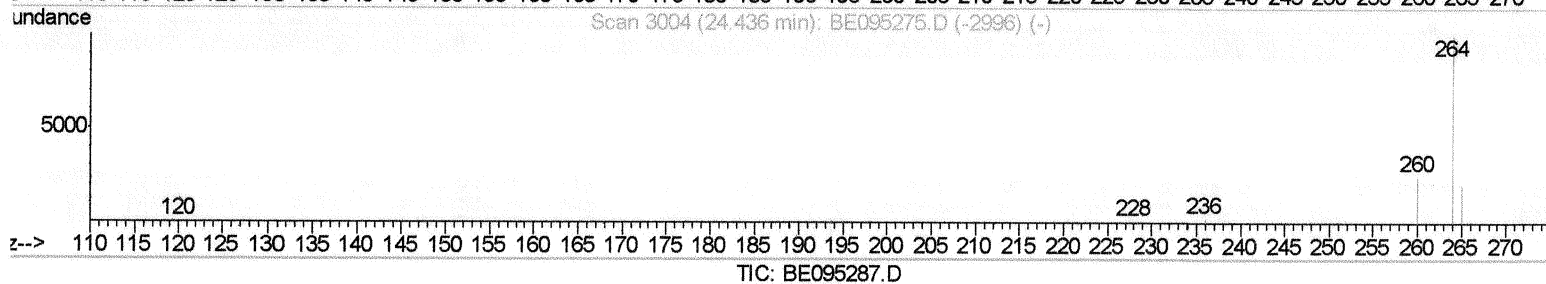
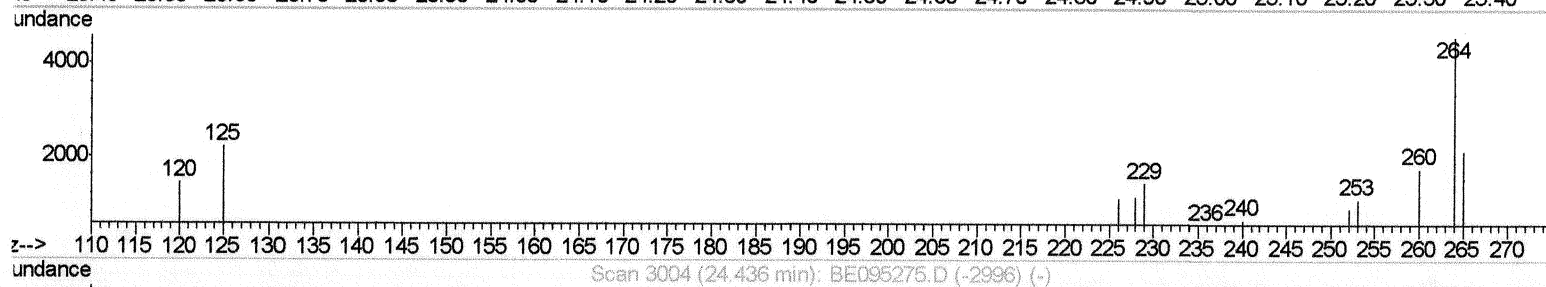
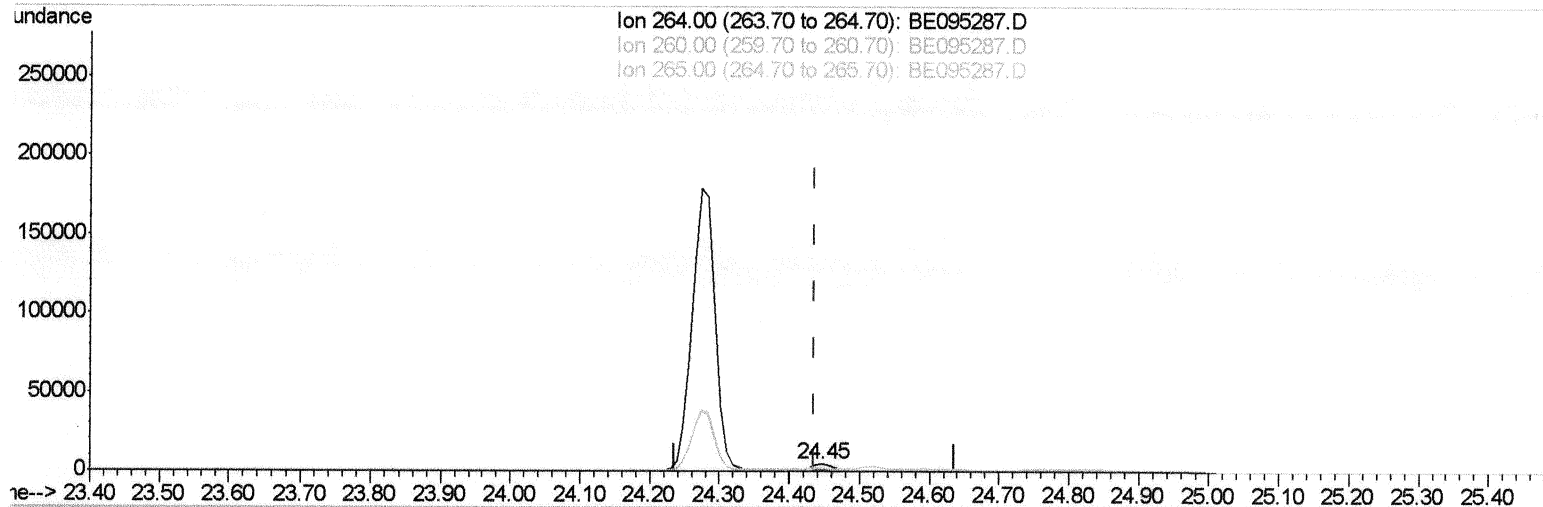
#69 Client Sampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 01:26:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.445min (+0.009) 0.40ng/ul m > 53 2/1/18

1/31/2018 8:28:11 PM

Sohil

APPROVED

Manual Integrations

#3

#649

Client Sampled :

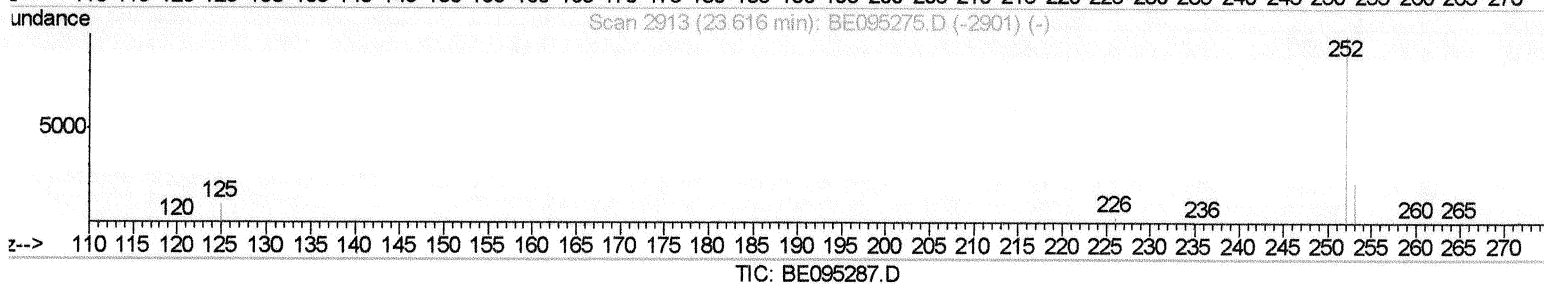
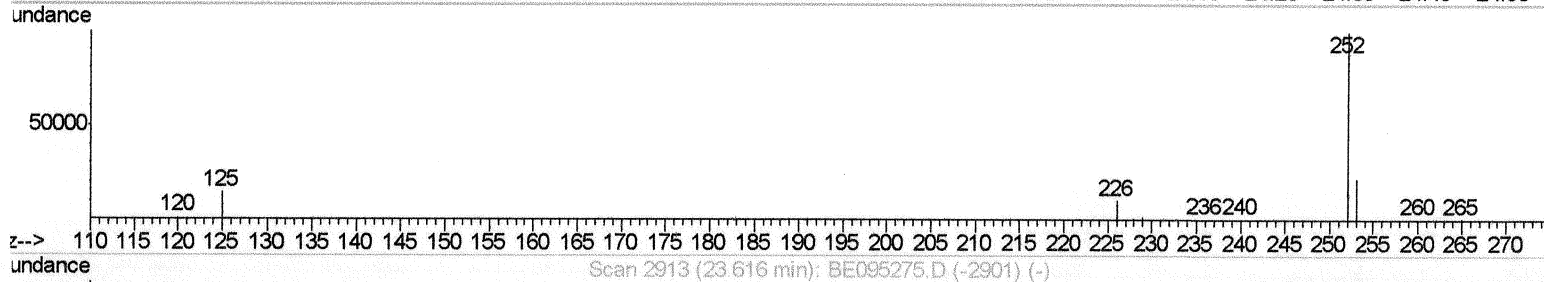
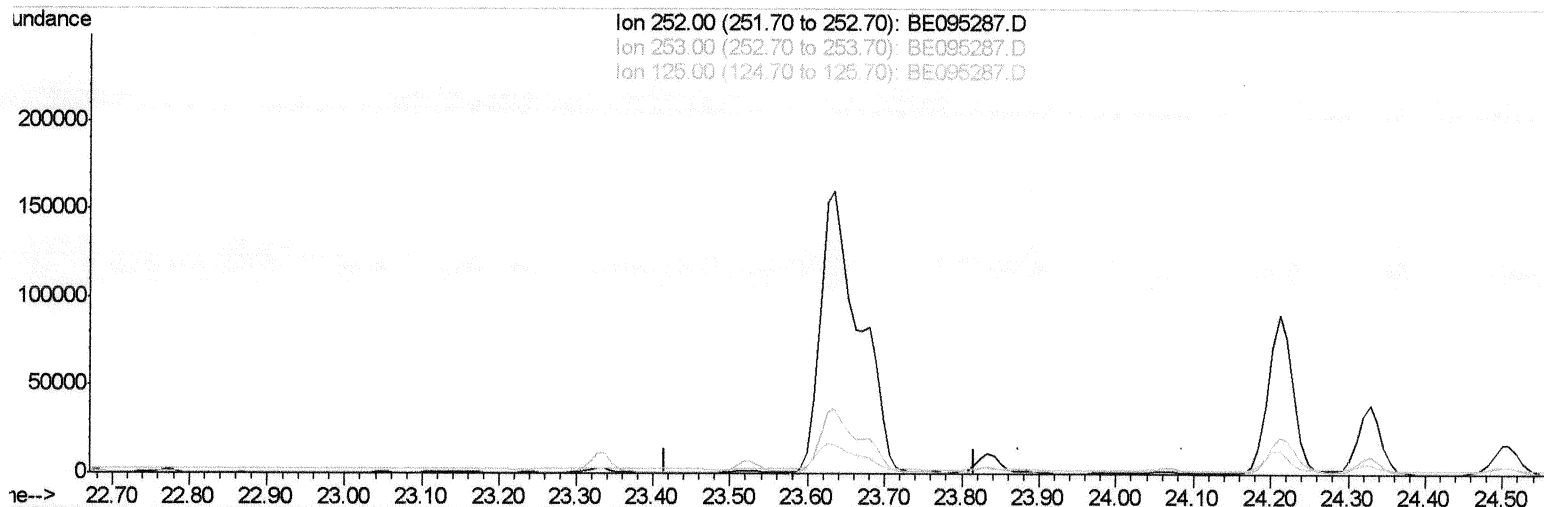
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.616min (-23.616) 0.00ng/ul

1/31/2018 8:28:11 PM

Sohil

APPROVED

Manual Integrations

Client Sampled : 06812

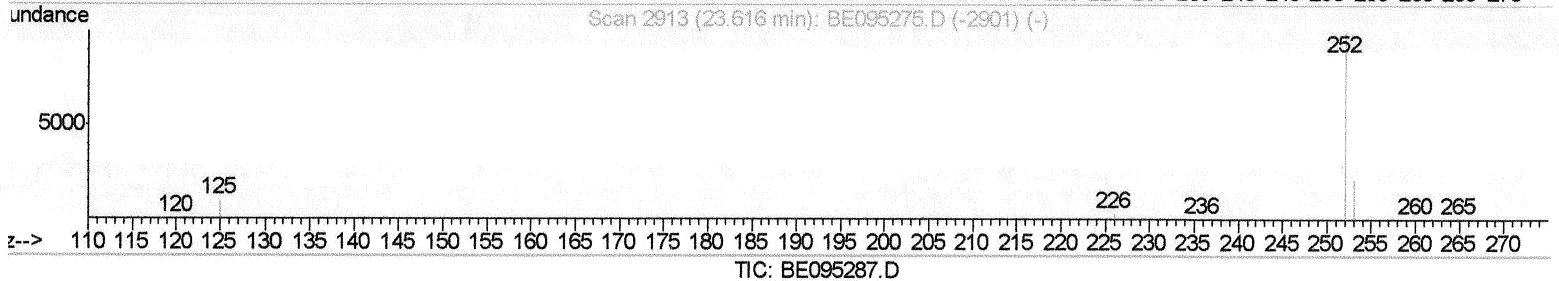
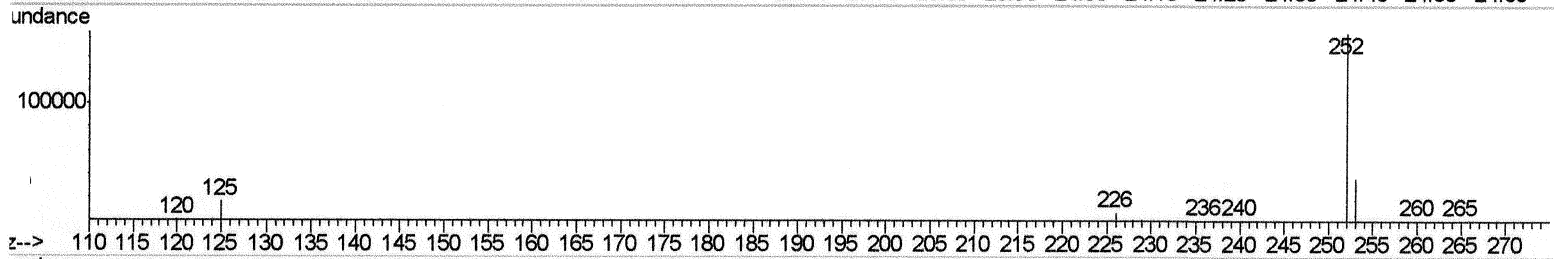
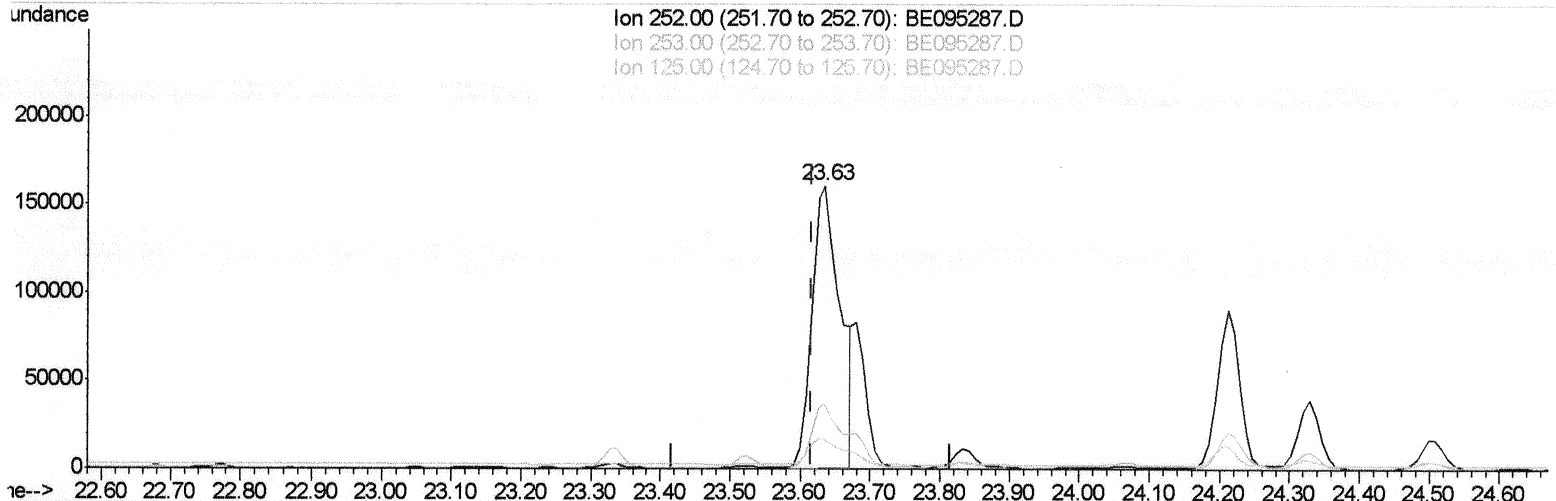
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095287.D
Acq On : 30 Jan 2018 16:03
Operator : SJ/JU
Sample : J1233-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 01:22:09 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.634min (+0.018) 16.09ng/ul m> 52 2/1/18

1/31/2018 8:28:11 PM

Sohil

APPROVED

Manual Integrations

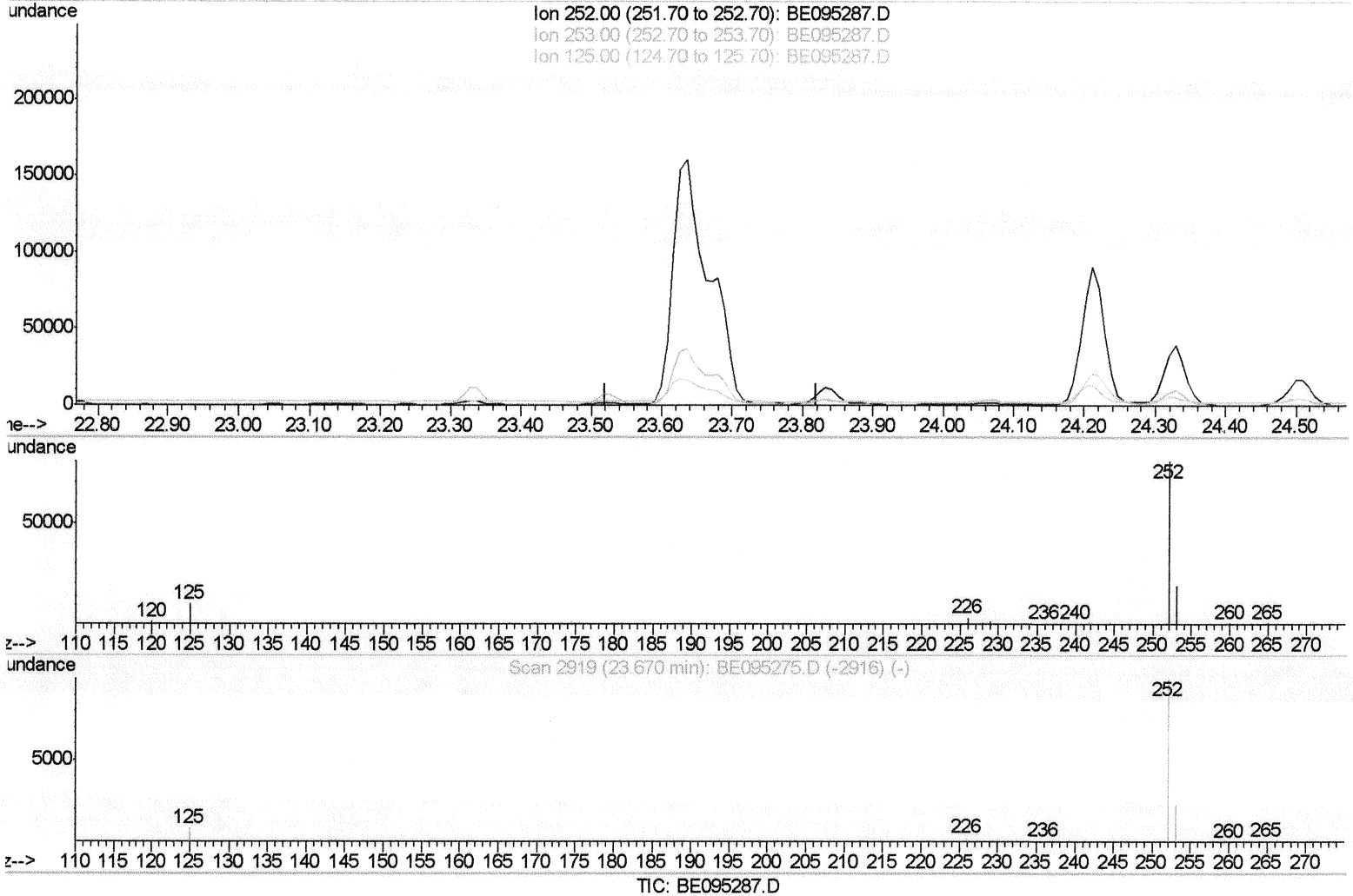
Client Sampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

1/31/2018 8:28:11 PM

Sohil

APPROVED

Manual Integrations

#0

#0 F6B12

Client Sampled :

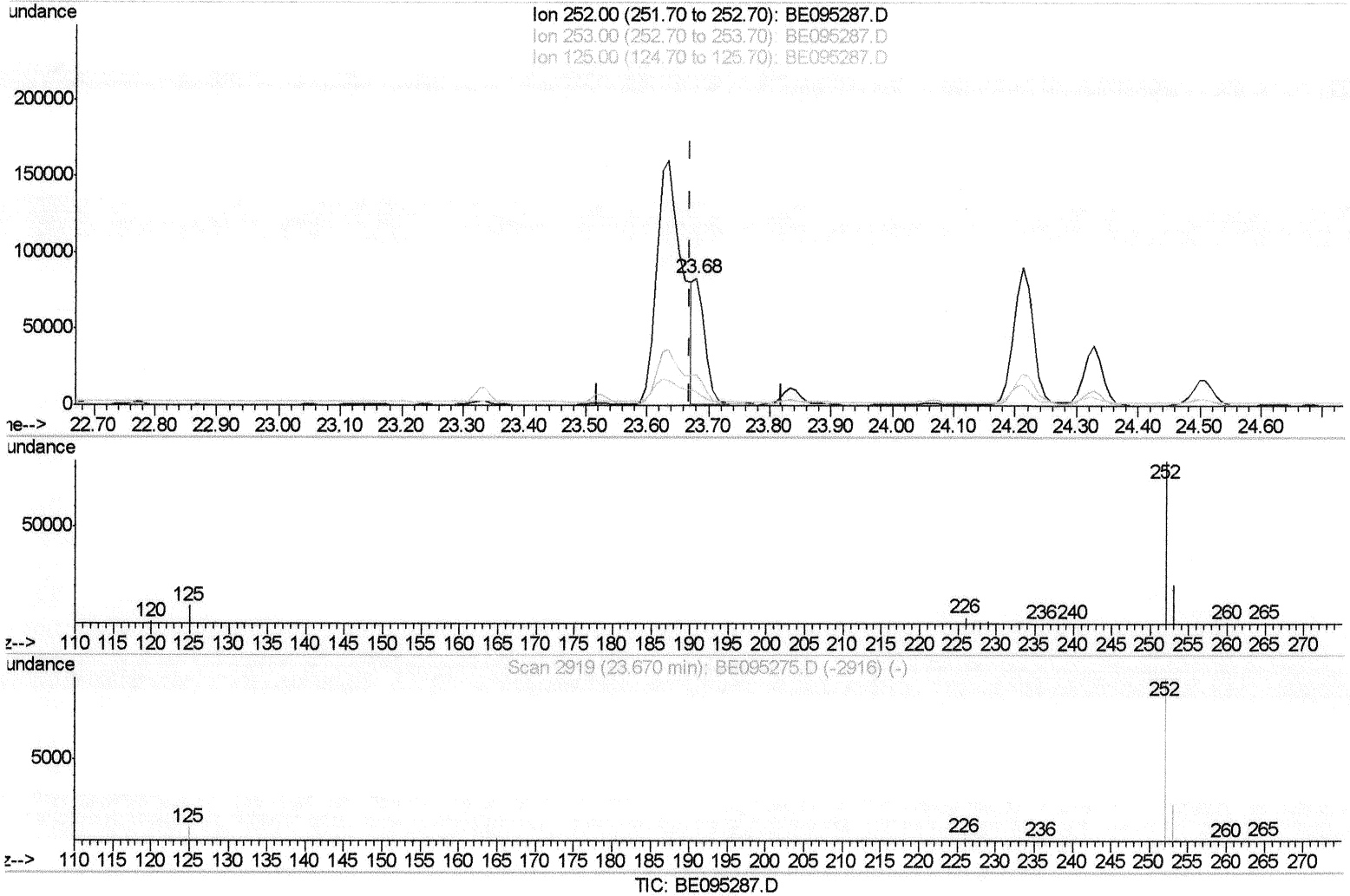
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.679min (+0.009) 3.89ng/ul m

SJ 2/1/18

1/31/2018 8:28:11 PM

Sohil

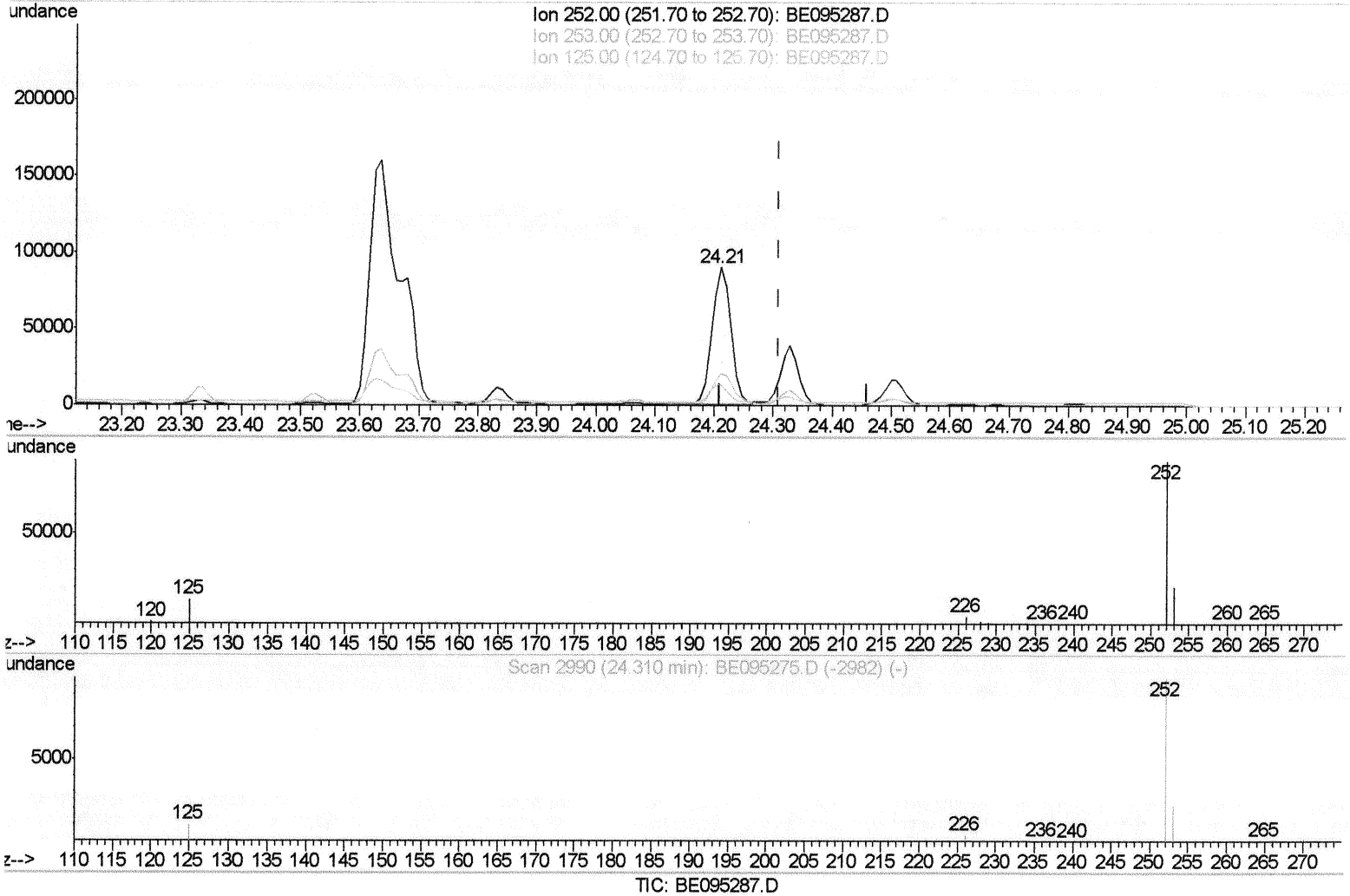
Manual Integrations
 APPROVED

Instrument :
 BNA_E
 ClientSampled :
 #86-6812

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 24.211min (-0.099) 7.72ng/ul

1/31/2018 8:28:11 PM

Sohil

APPROVED

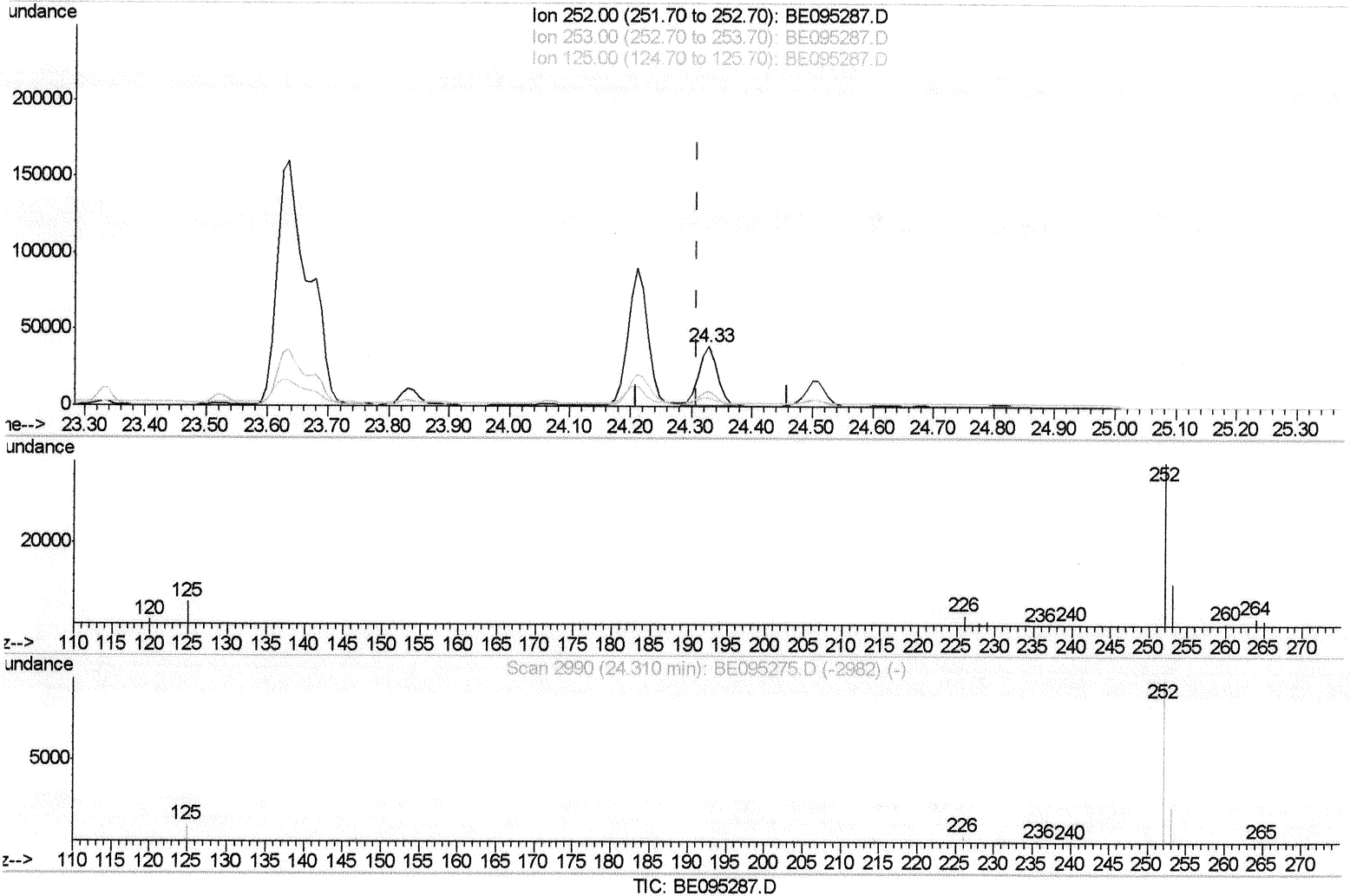
Manual Integrations

Instrument : BNA_E
 Client Sample : #916812

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.328min (+0.018) 3.13ng/ul m> 52 2/1/18

1/31/2018 8:28:11 PM

Sohil

Manual Integrations
 APPROVED

#5

#7

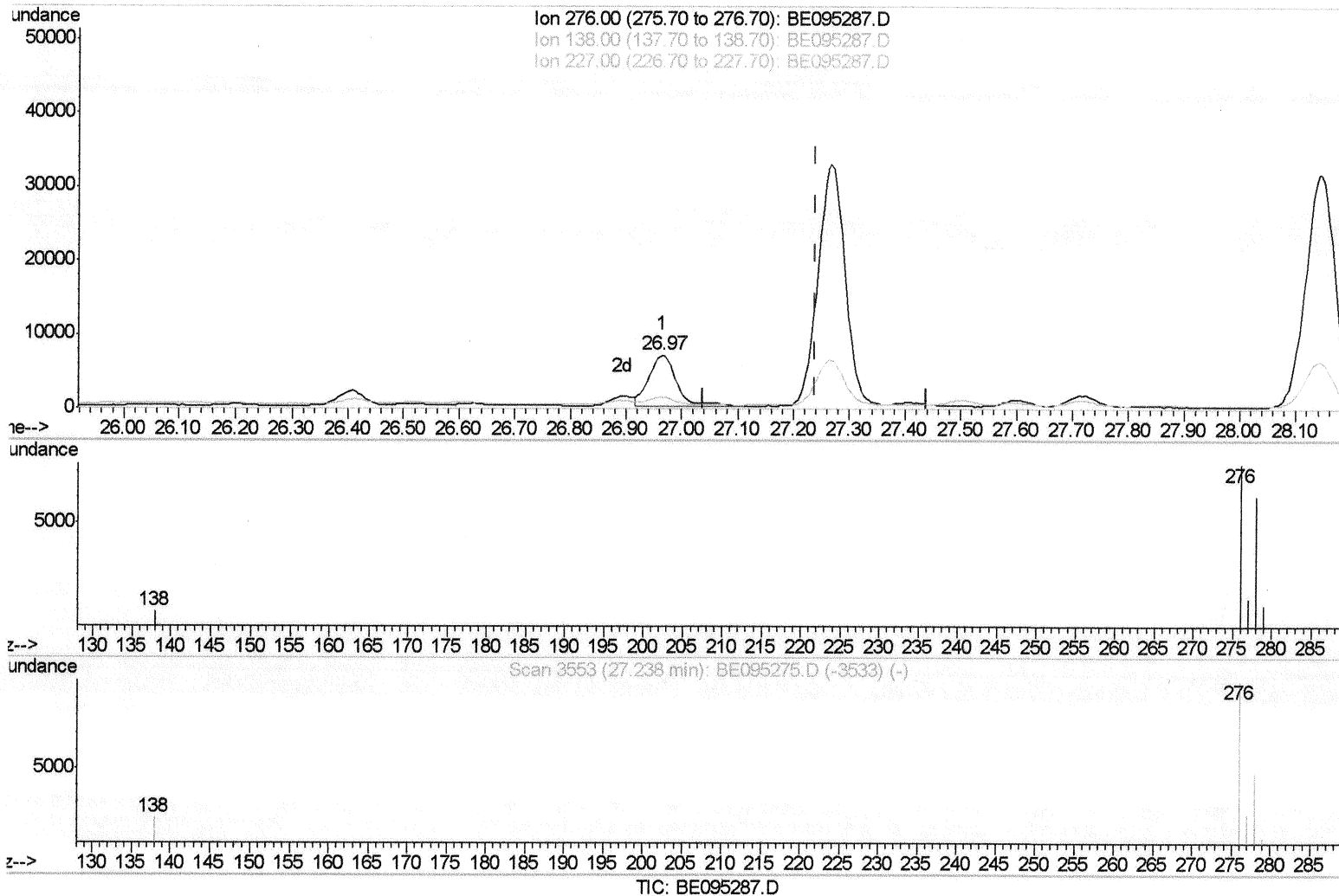
Client Sampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene
 26.965min (-0.273) 0.85ng/ul

1/31/2018 8:28:11 PM
 Sohll

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 Manual Integrations

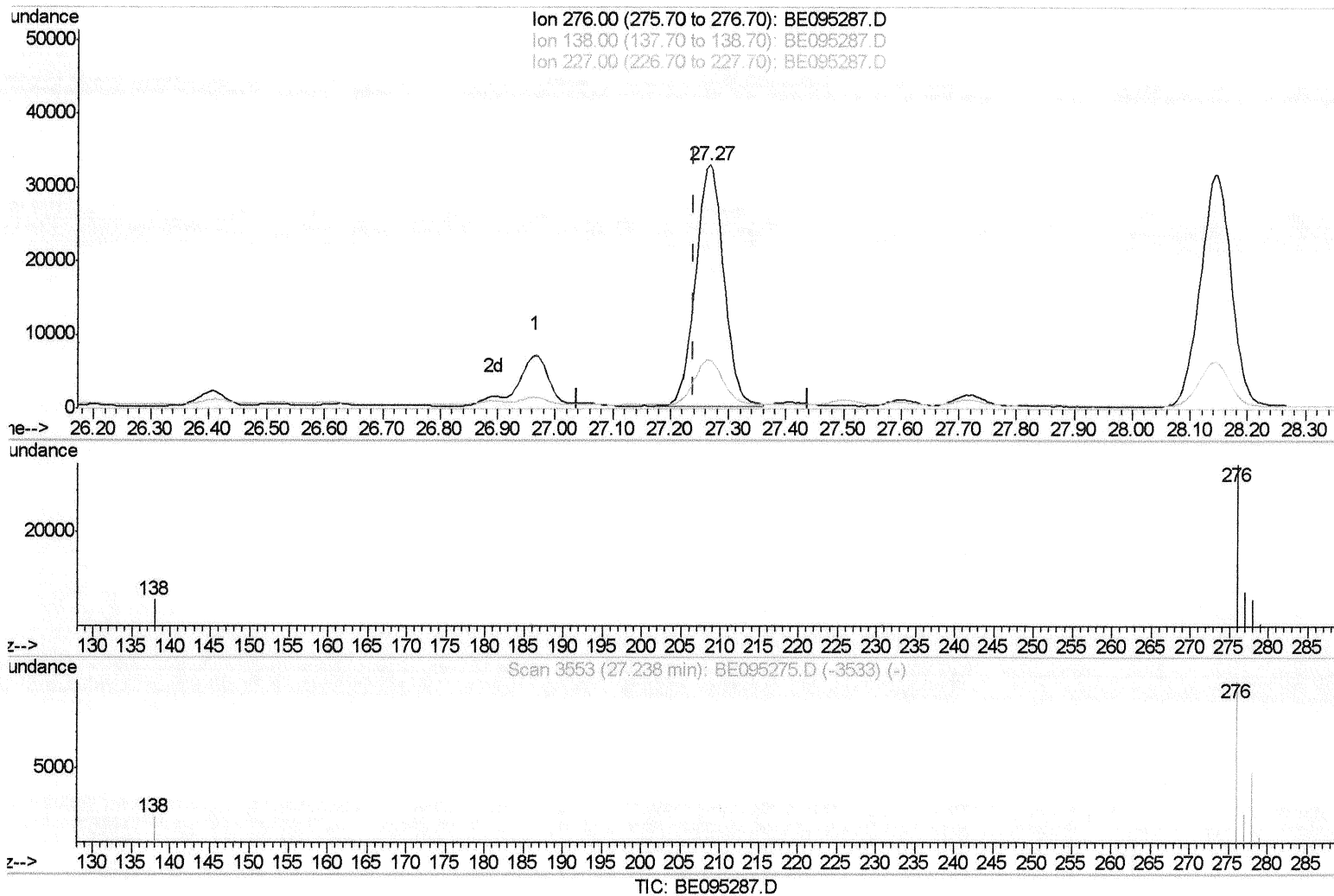
#5

Instrument : BNA_E
 Client Sample : #06812

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



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

27.266min (+0.028) 3.96ng/ul m

> 51 2/1/18

1/31/2018 8:28:11 PM

Sohil

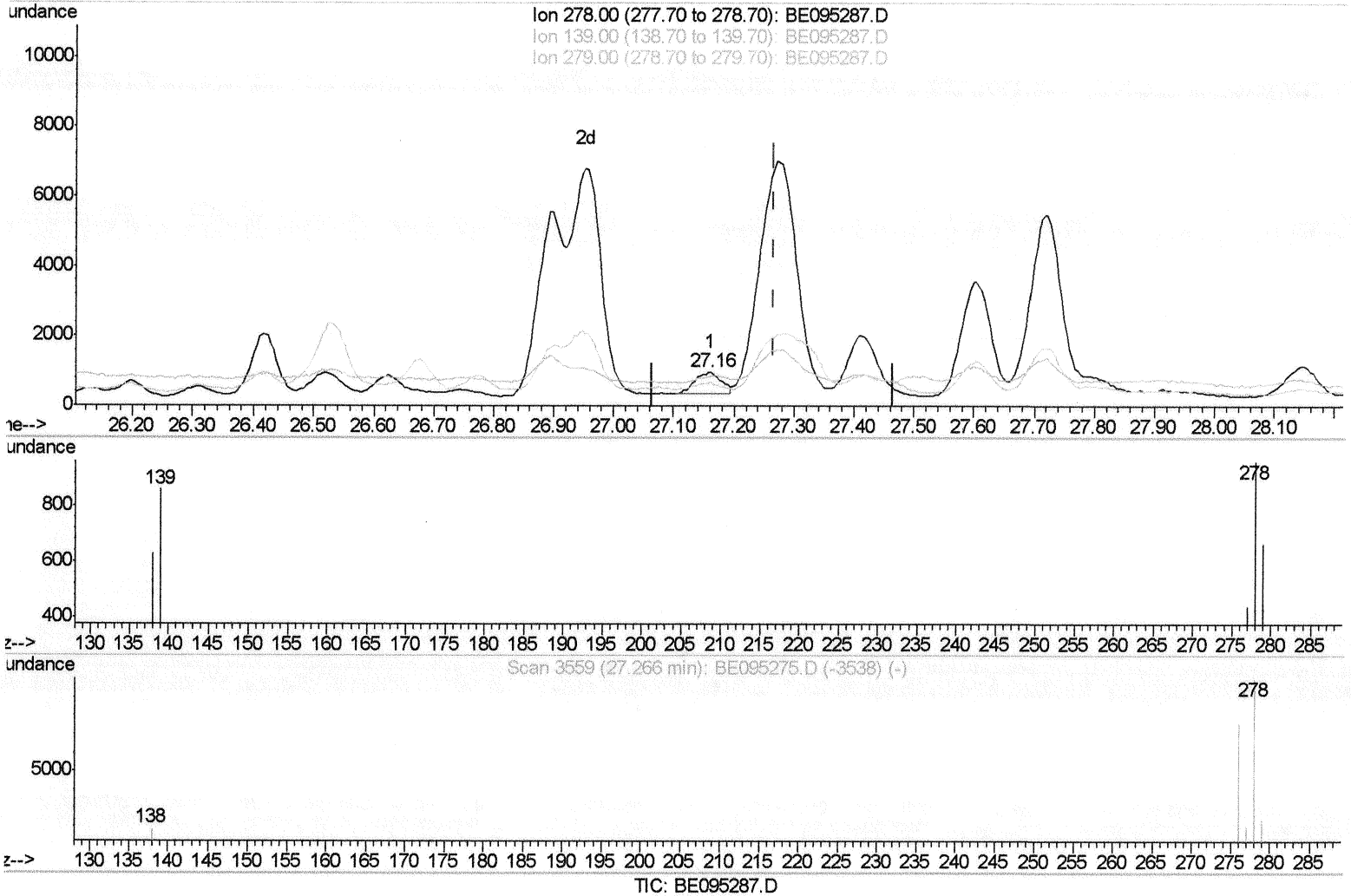
Manual Integrations
 APPROVED

Instrument : BNA_E
 Client Sample : #06812

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.161min (-0.104) 0.08ng/ul

1/31/2018 8:28:11 PM

Sohil

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 Manual Integrations

#10

#3 F6B12

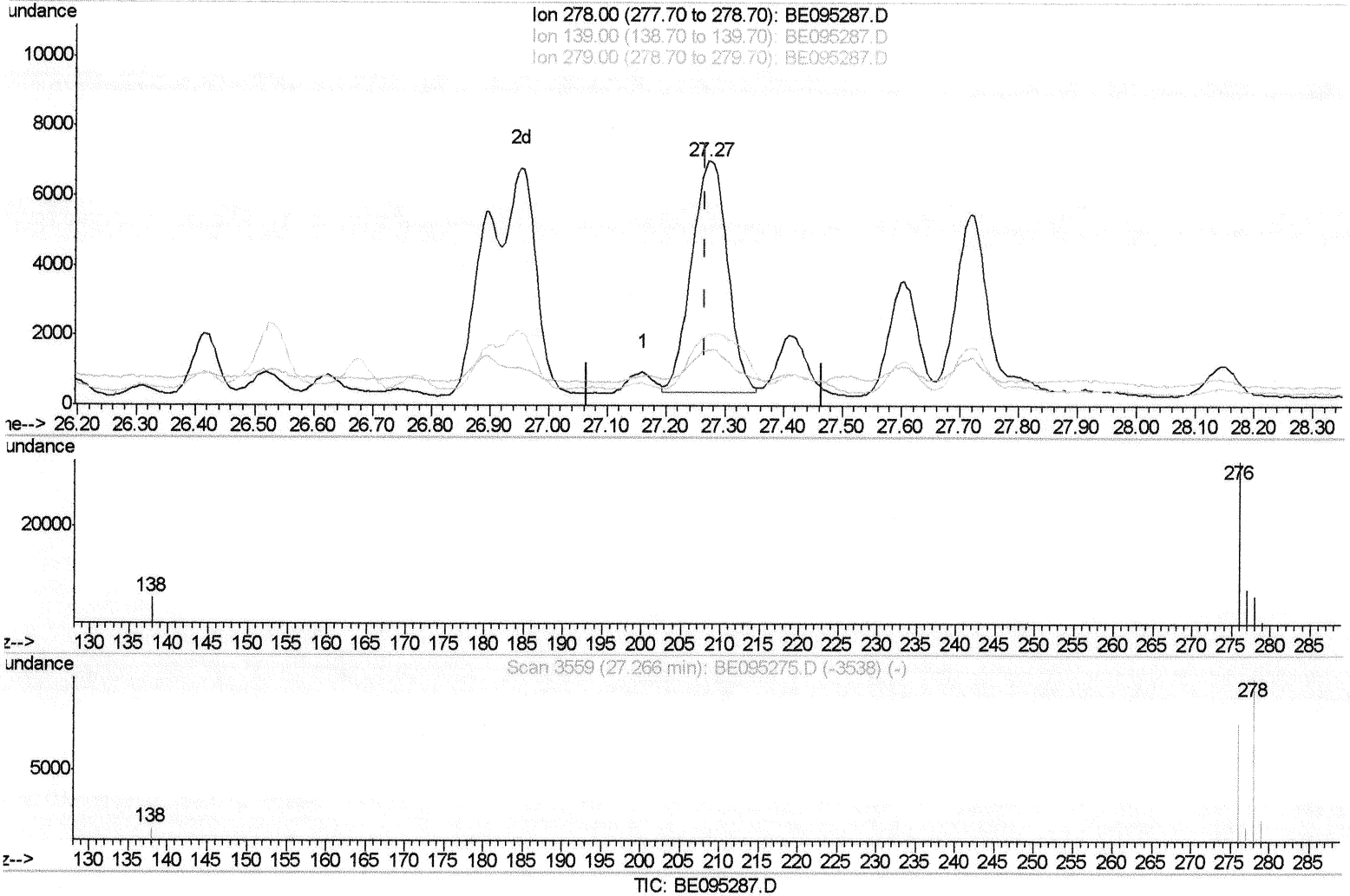
Client Sampled :

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.271min (+0.005) 1.23ng/ul m> 52 2 1118

1/31/2018 8:28:11 PM
 Sohll

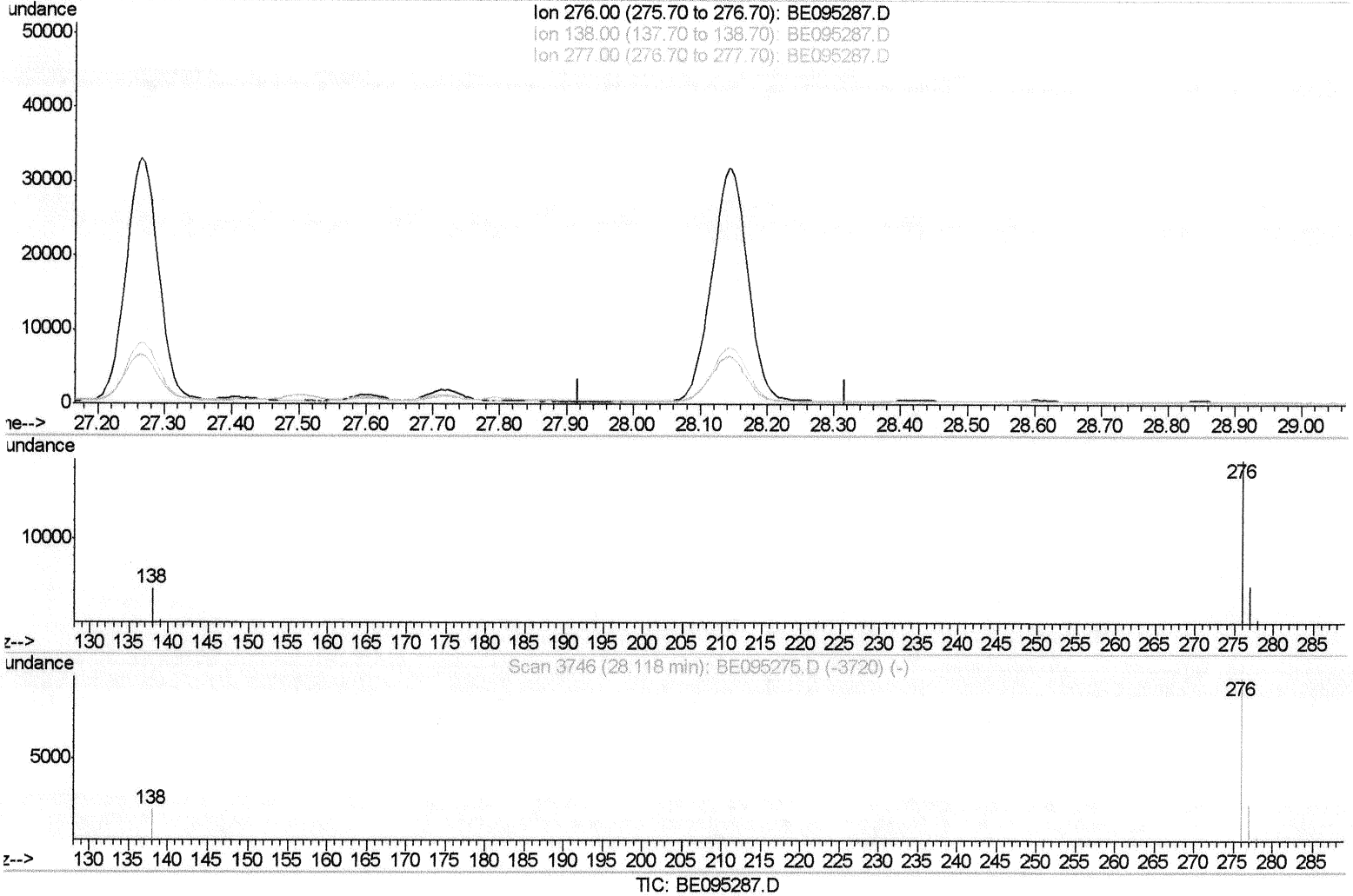
APPROVED
 Manual Integrations

Instrument :
 BNA_E
 ClientSampled :
 8F6B12

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095287.D
Acq On : 30 Jan 2018 16:03
Operator : SJ/JU
Sample : J1233-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 01:22:09 2018
Response via : Initial Calibration



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

28.118min (-28.118) 0.00ng/ul

1/31/2018 8:28:11 PM

Sohil

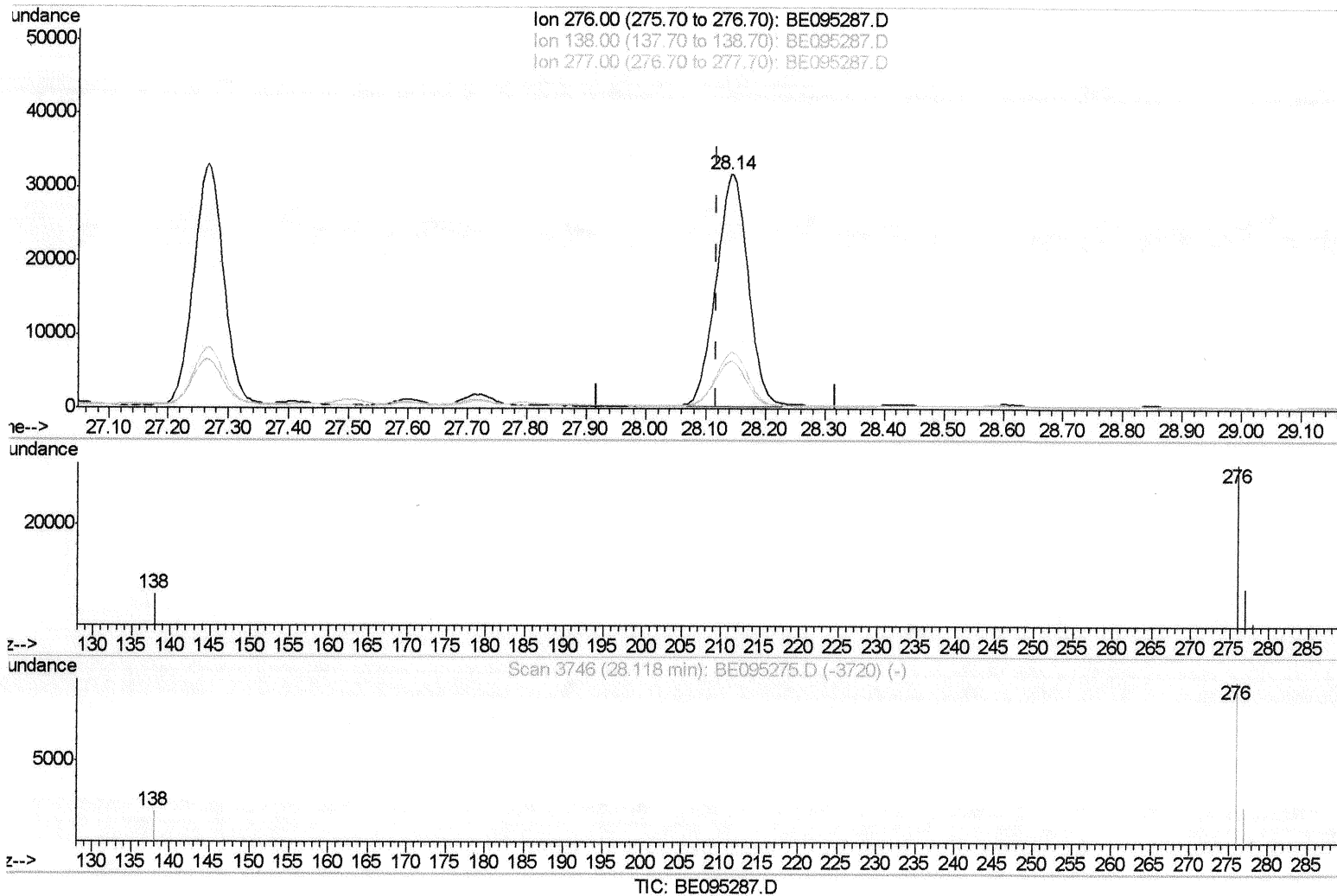
Manual Integrations
APPROVED

Instrument :
BNA_E
ClientSampled :
#06812

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



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

28.141min (+0.023) 4.95ng/ul m> SJ 2/1/18

1/31/2018 8:28:11 PM
 Sohll

APPROVED
 Manual Integrations

Instrument :
 BNA_E
 ClientSampled :
 87-6812

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095287.D
 Acq On : 30 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1233-08
 Disc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 03:16:04 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2308	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7009	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4285	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8616	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9539	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	8126m	0.40	ng/ul	0.00

SJ 2/1/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	2455	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	6270	0.19	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	744	0.038	ng/ul#	68
5) 2-Methylnaphthalene	12.89	142	637	0.049	ng/ul	99
7) Acenaphthylene	14.75	152	19605	0.951	ng/ul	97
8) Acenaphthene	15.08	153	949	0.059	ng/ul#	84
9) Fluorene	16.03	166	1161m	0.070	ng/ul	
11) Pentachlorophenol	17.36	266	193608	116.015	ng/ul	96
12) Phenanthrene	17.75	178	17813	0.615	ng/ul#	88
13) Anthracene	17.85	178	49910	1.882	ng/ul#	92
15) Fluoranthene	19.73	202	575244	15.331	ng/ul	81
17) Pyrene	20.08	202	613114	19.155	ng/ul#	75
18) Benzo(a)anthracene	21.79	228	117547	3.941	ng/ul#	86
19) Chrysene	21.85	228	219055	7.073	ng/ul	95
21) Benzo(b)fluoranthene	23.63	252	461291m	16.090	ng/ul	
22) Benzo(k)fluoranthene	23.68	252	101941m	3.887	ng/ul	
23) Benzo(a)pyrene	24.33	252	80077m	3.128	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.27	276	111197m	3.961	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	28281m	1.232	ng/ul	
26) Benzo(a,h,i)perylene	28.14	276	117677m	4.951	ng/ul	

SJ 2/1/18

SJ 2/1/18

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

1/31/2018 8:28:11 PM

Sohil

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Manual Integrations

F6B12

Client Sampled :

BNA_E

Instrument :