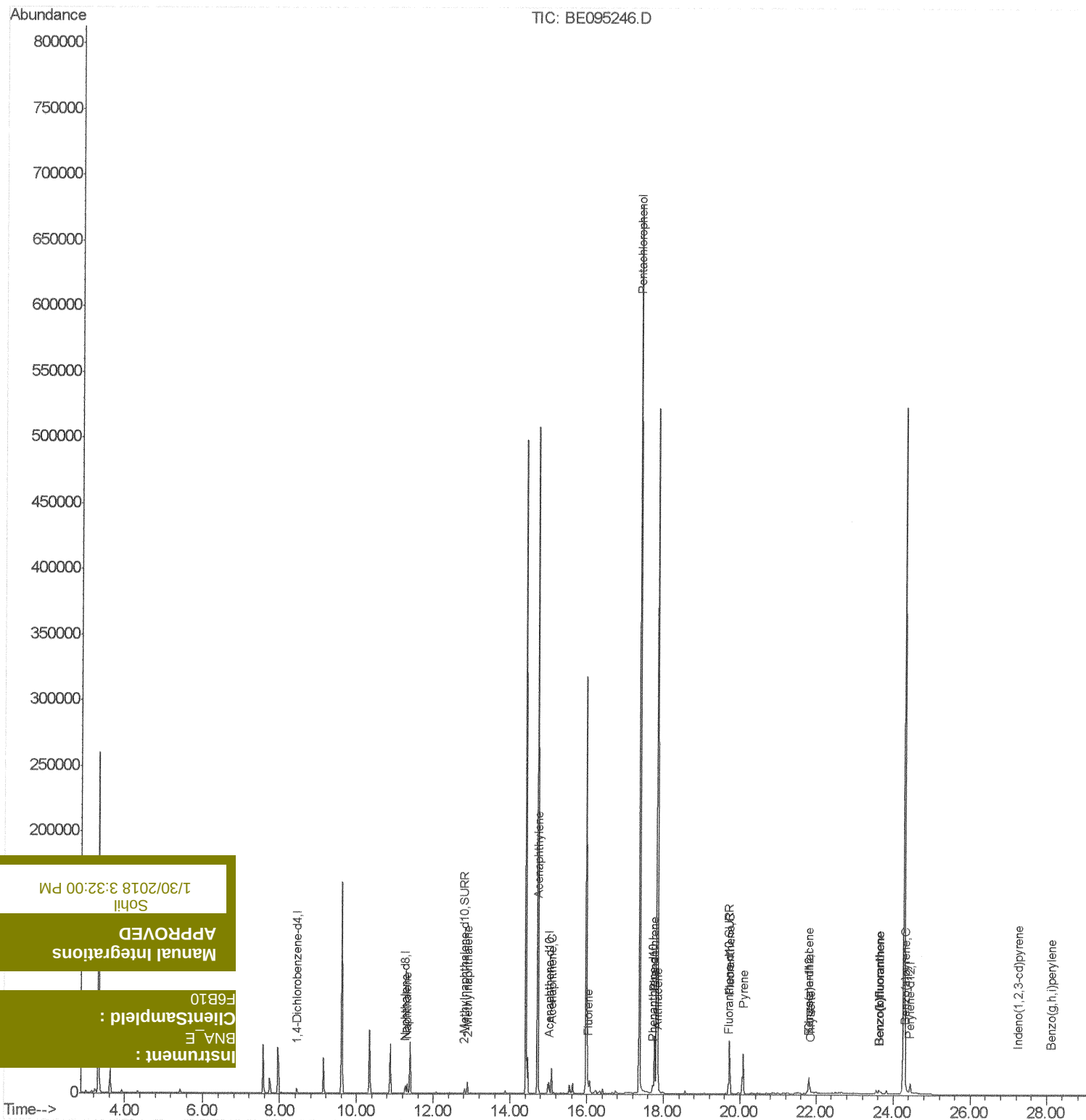


Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095246.D
Acq On : 29 Jan 2018 14:45
Operator : SJ/JU
Sample : J1233-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

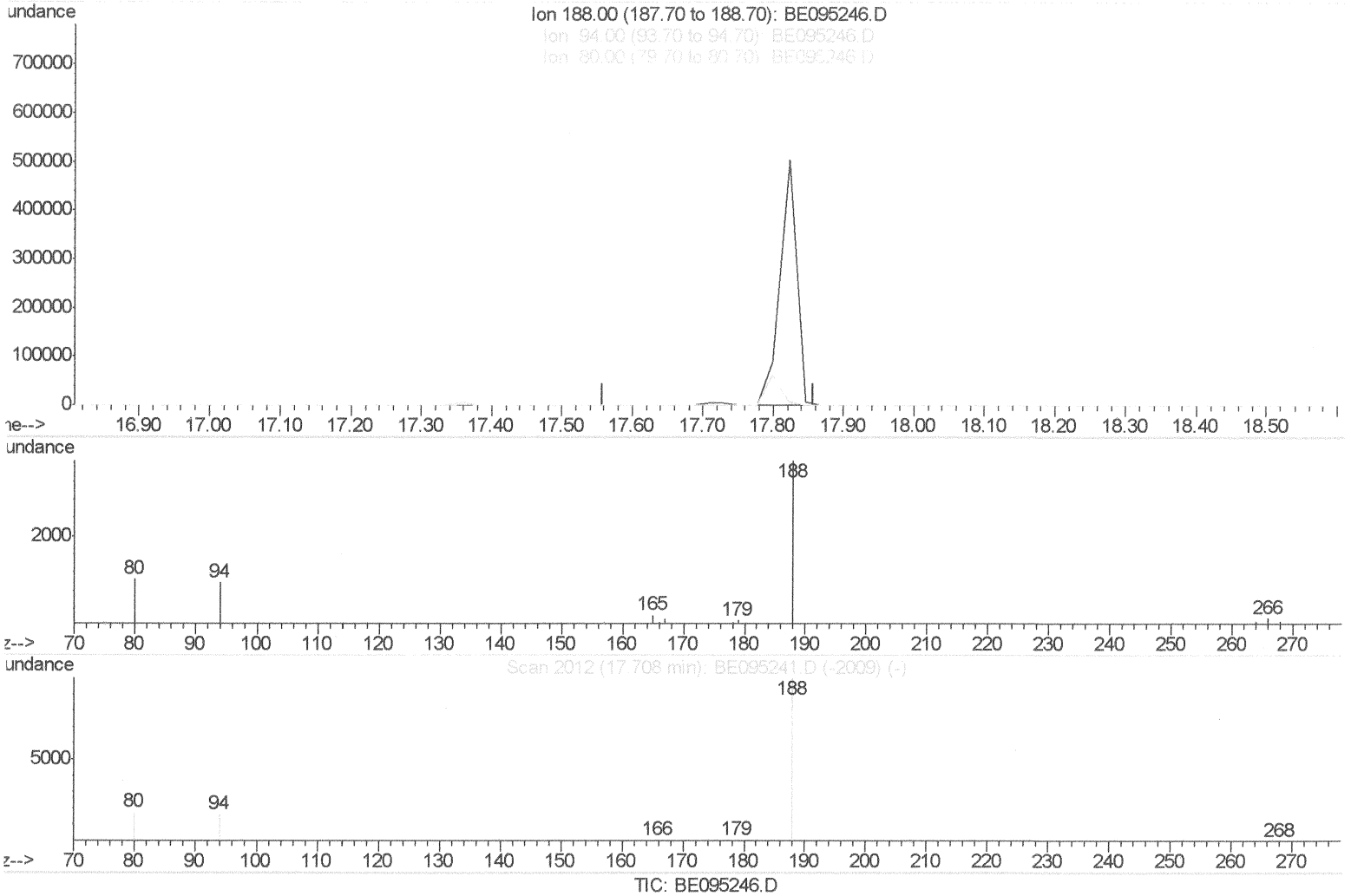
Quant Time: Jan 30 05:09:12 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 04:43:36 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095246.D
Acq On : 29 Jan 2018 14:45
Operator : SJ/JU
Sample : J1233-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 04:44:33 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 04:43:36 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.708min (-17.708) 0.00ng/ul

1/30/2018 3:32:00 PM

Sohil

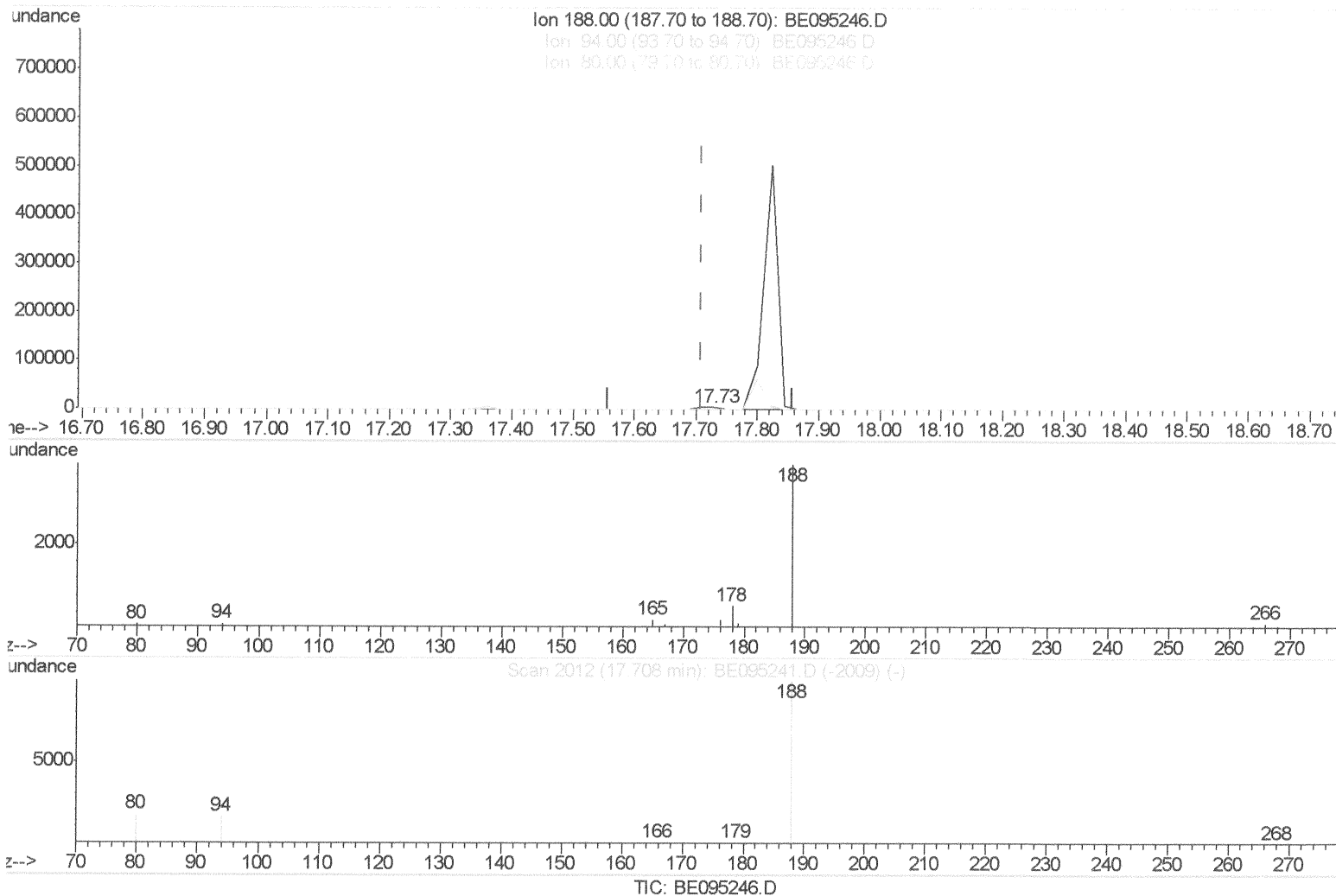
Manual Integrations
APPROVED

Instrument :
BNA_E
ClientSampled :
#F6810

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 04:44:33 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 04:43:36 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.730min (+0.022) 0.40ng/ul m

See 2/1/18

1/30/2018 3:32:00 PM

Sohil

APPROVED

Manual Integrations

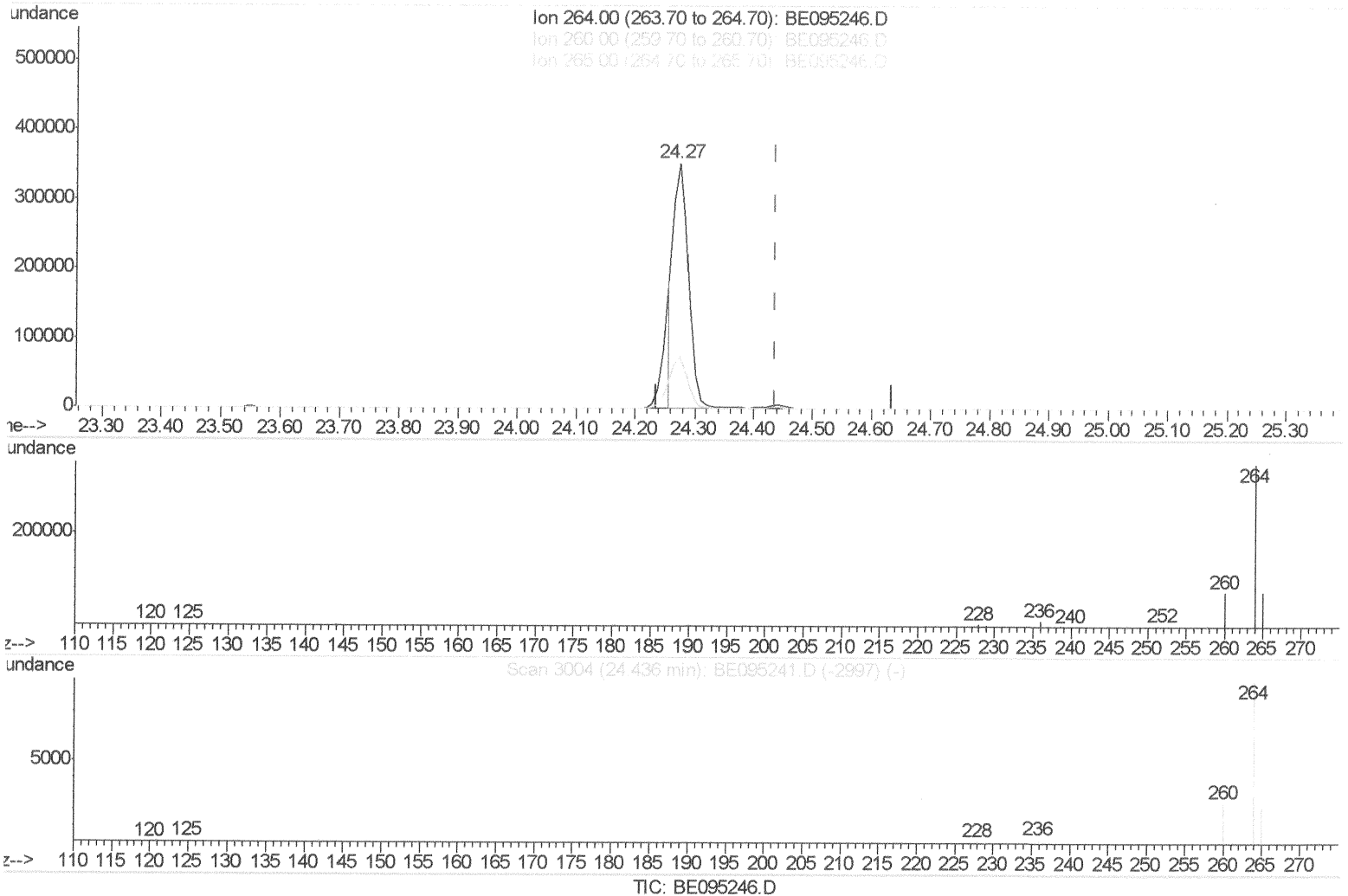
Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:06:32 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 04:43:36 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)
 24.274min (-0.162) 0.40ng/ul

1/30/2018 3:32:00 PM
 Sohll

APPROVED
 Manual Integrations

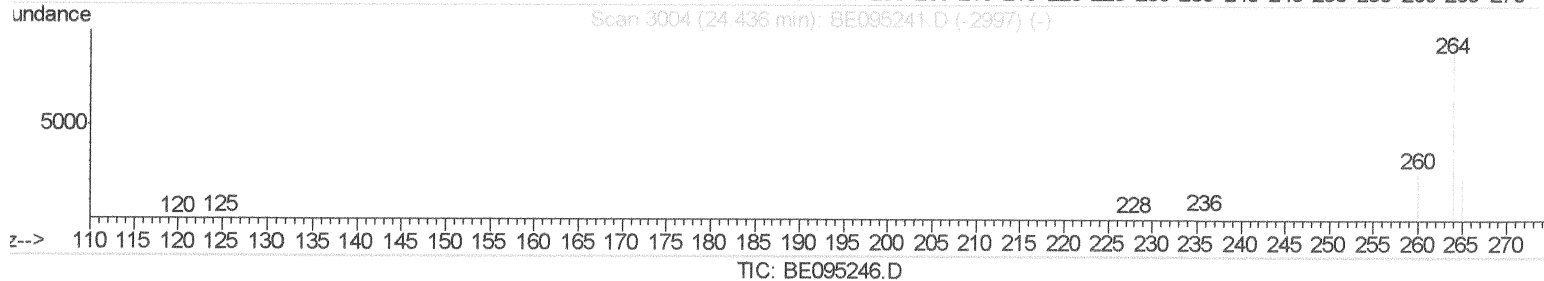
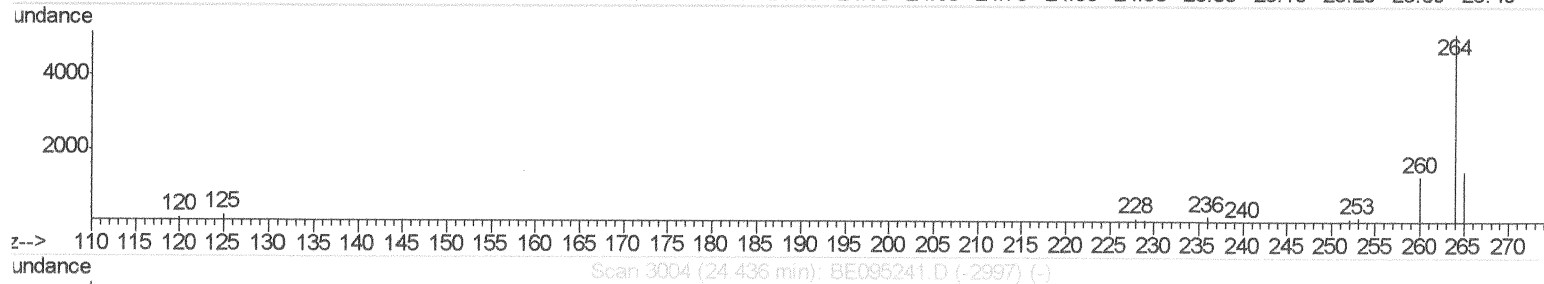
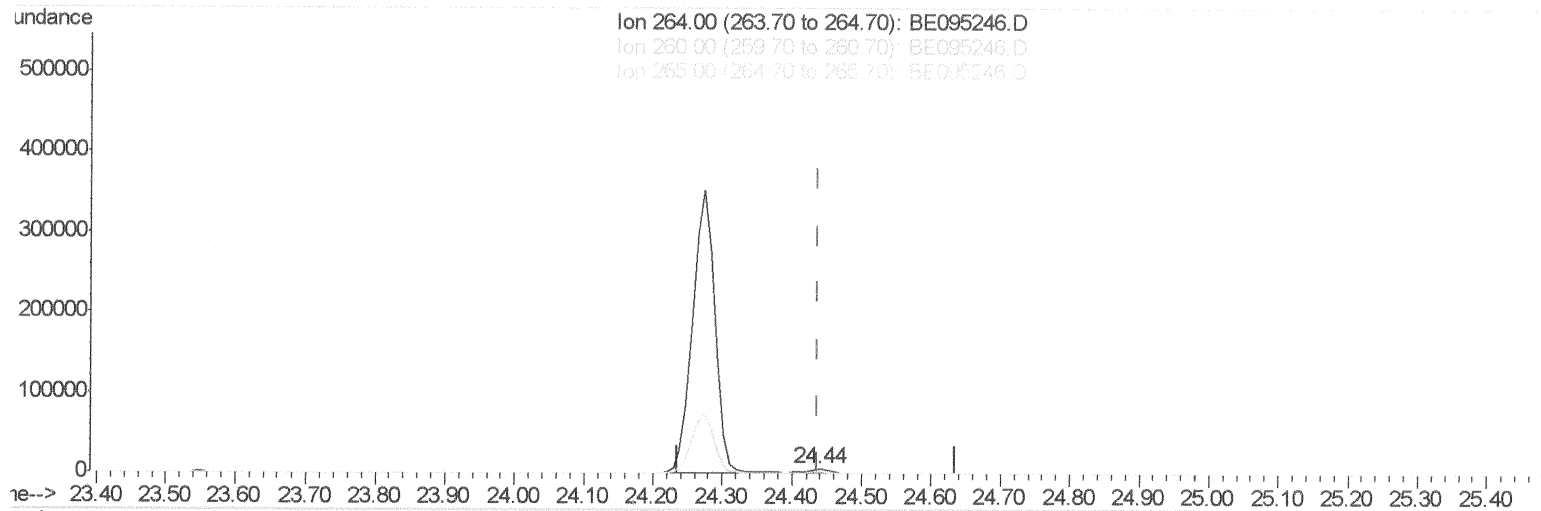
#9

Instrument : BNA_E
 Client Sampled :
 #88F6B10

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:06:32 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 04:43:36 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.436min (+0.000) 0.40ng/ul m

202/01/18

1/30/2018 3:32:00 PM
 Sohll

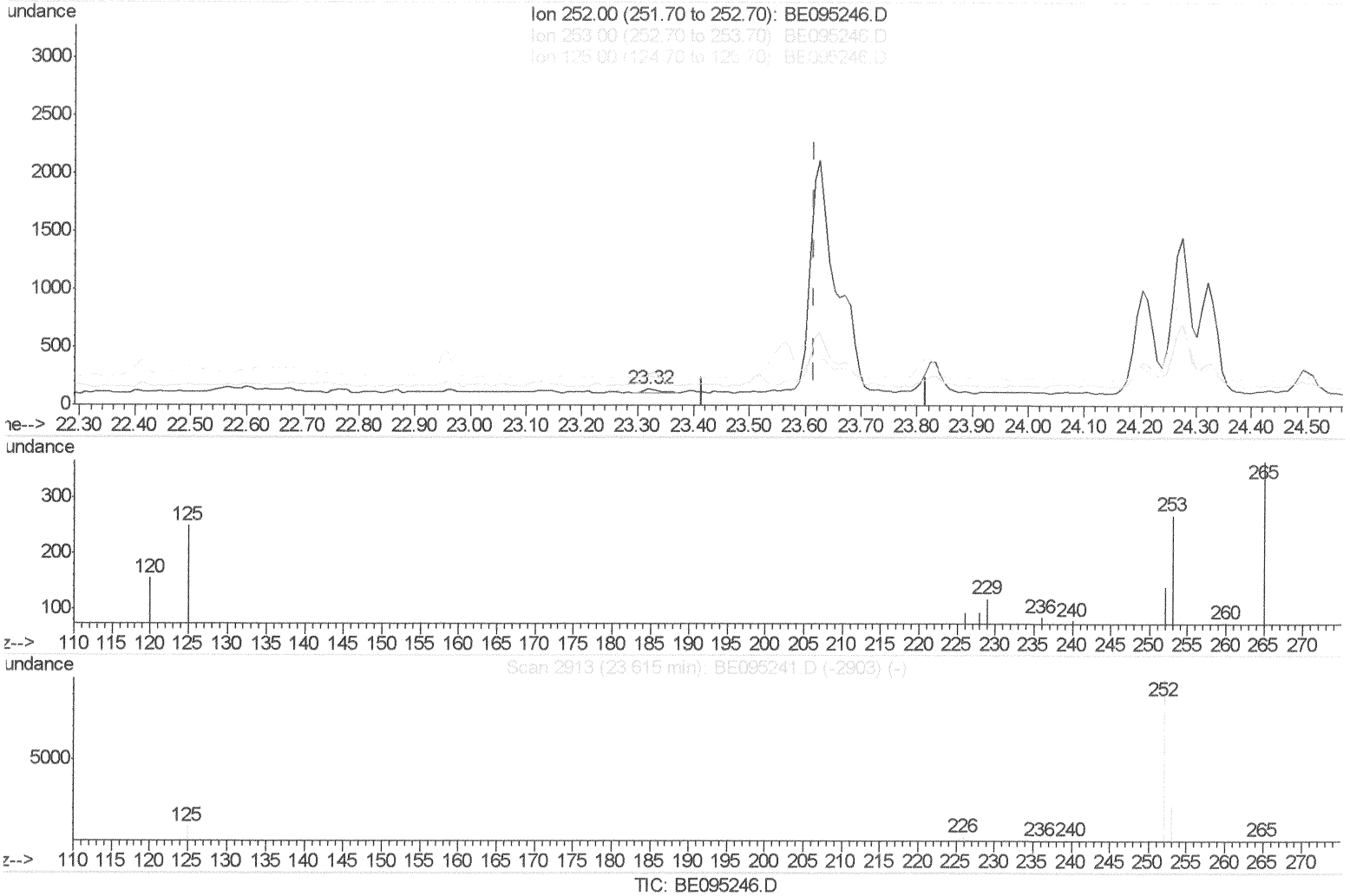
Manual Integrations
 APPROVED

Instrument : BNA_E
 ClientSample : #54#
 F6B10

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 23.319min (-0.297) 0.00ng/ul

1/30/2018 3:32:00 PM
 Sohll

APPROVED
 Manual Integrations

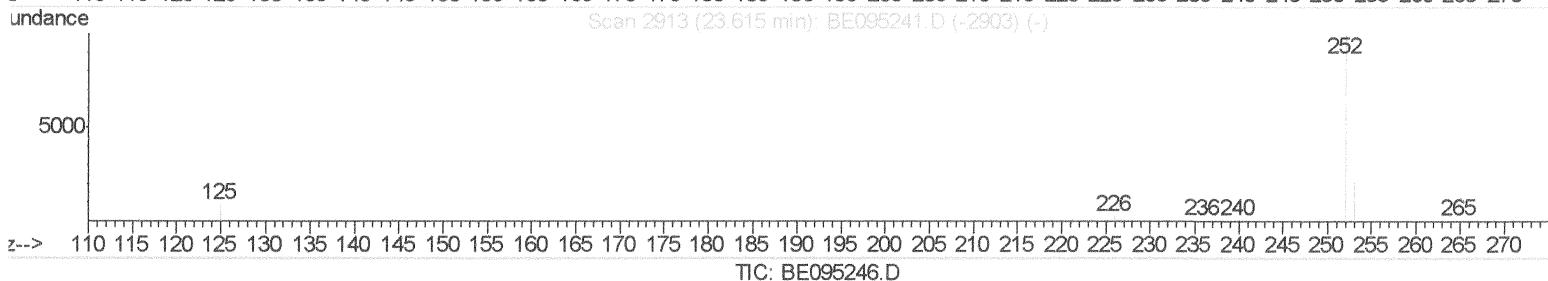
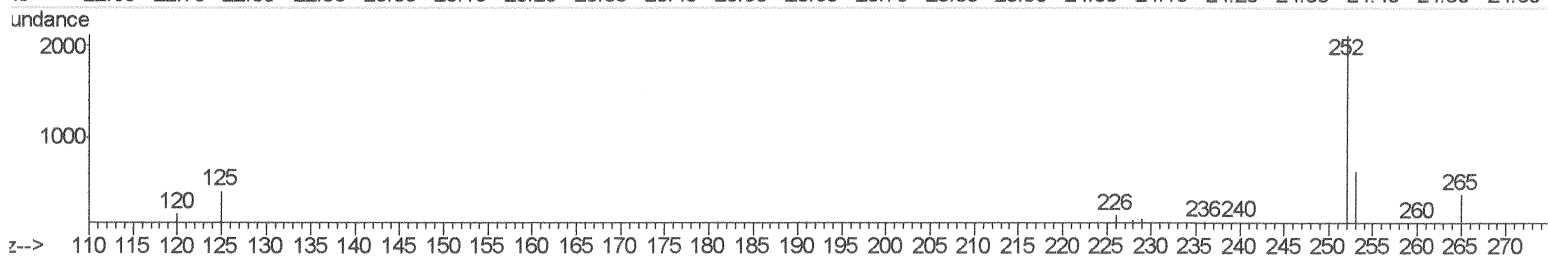
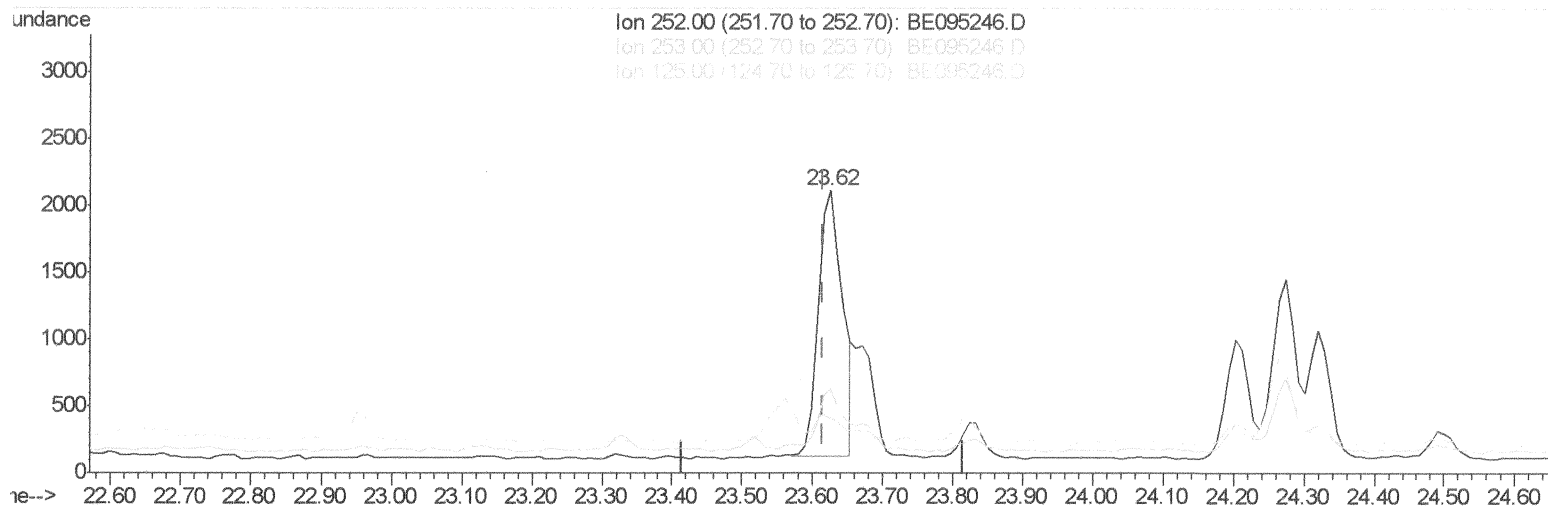
#43

Instrument : BNA_E
 ClientSampled : #98F6B10

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.625min (+0.009) 0.14ng/ul m

23.625min

1/30/2018 3:32:00 PM

Sohil

APPROVED

Manual Integrations

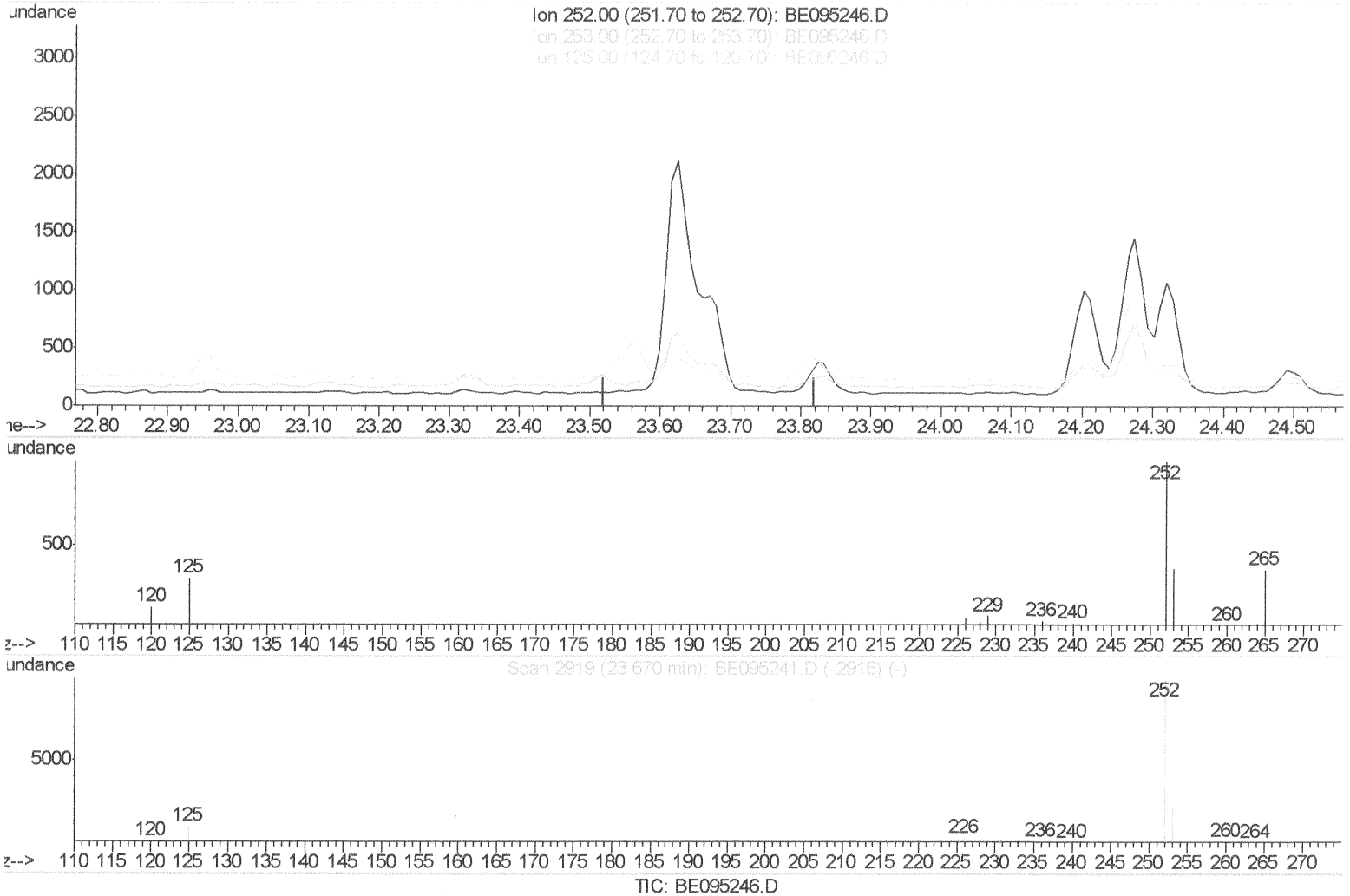
Client Sampled : 97

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

1/30/2018 3:32:00 PM

Sohil

APPROVED

Manual Integrations

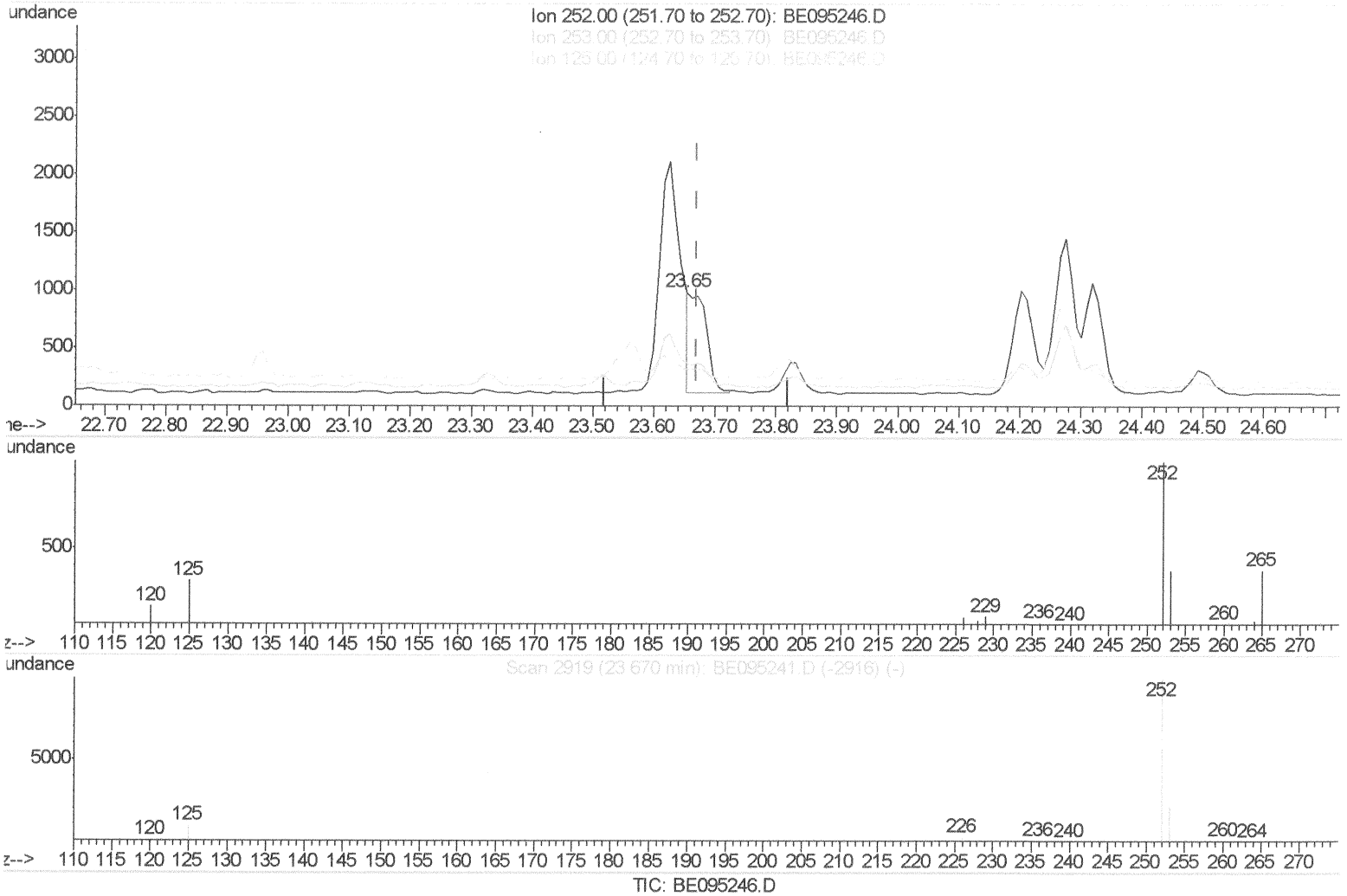
Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.652min (-0.018) 0.05ng/ul m

23.652min

1/30/2018 3:32:00 PM

Sohil

APPROVED

Manual Integrations

#6

#84-6810

Client Sampled :

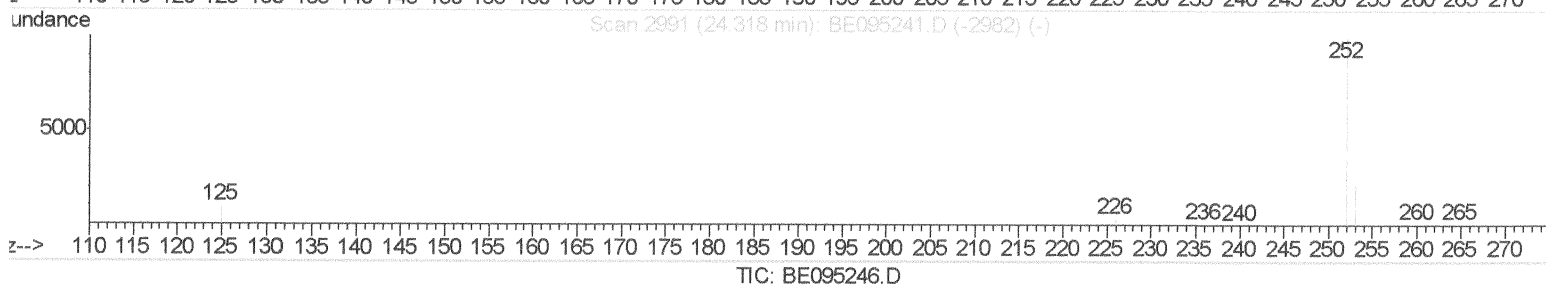
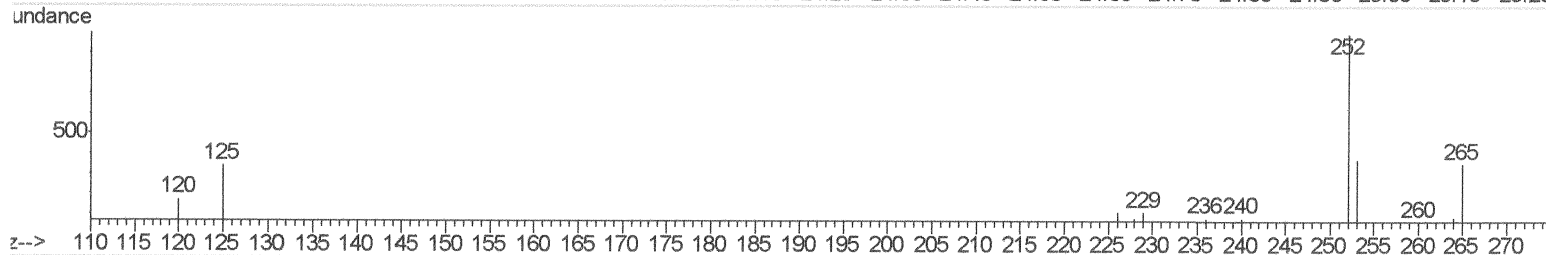
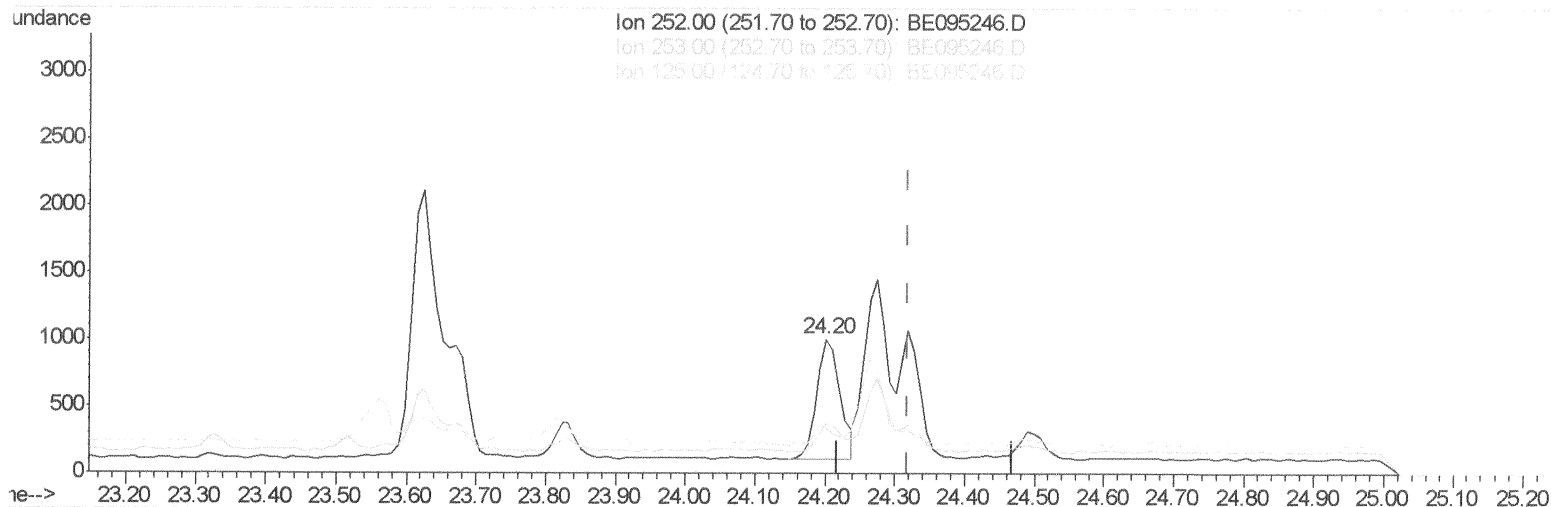
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.202min (-0.117) 0.07ng/ul

1/30/2018 3:32:00 PM

Sohil

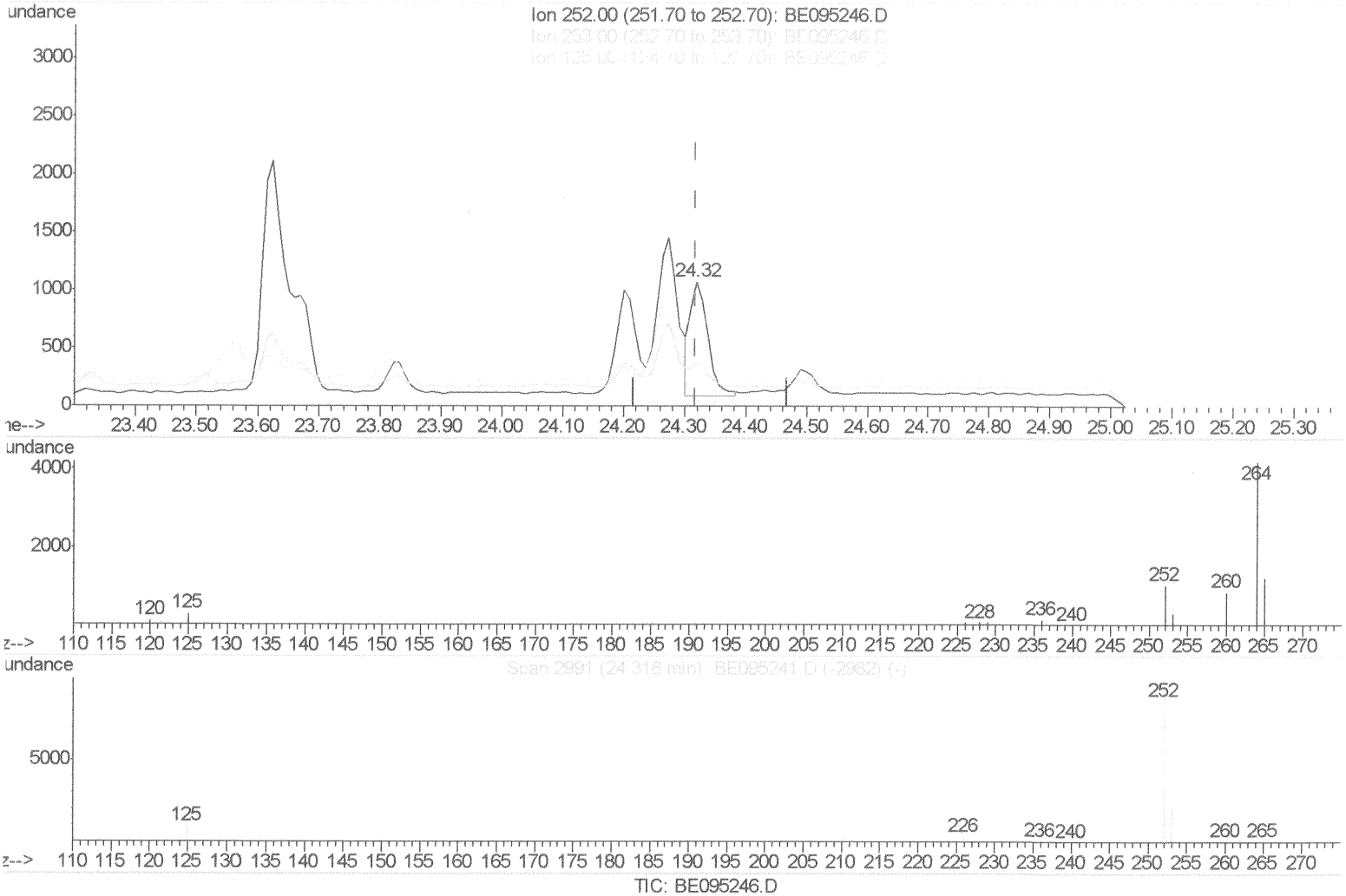
Manual Integrations
 APPROVED

Instrument :
 BNA_E
 Client Sampled :
 #06810

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.319min (+0.000) 0.06ng/ul m

24.319min

1/30/2018 3:32:00 PM

Sohil

APPROVED

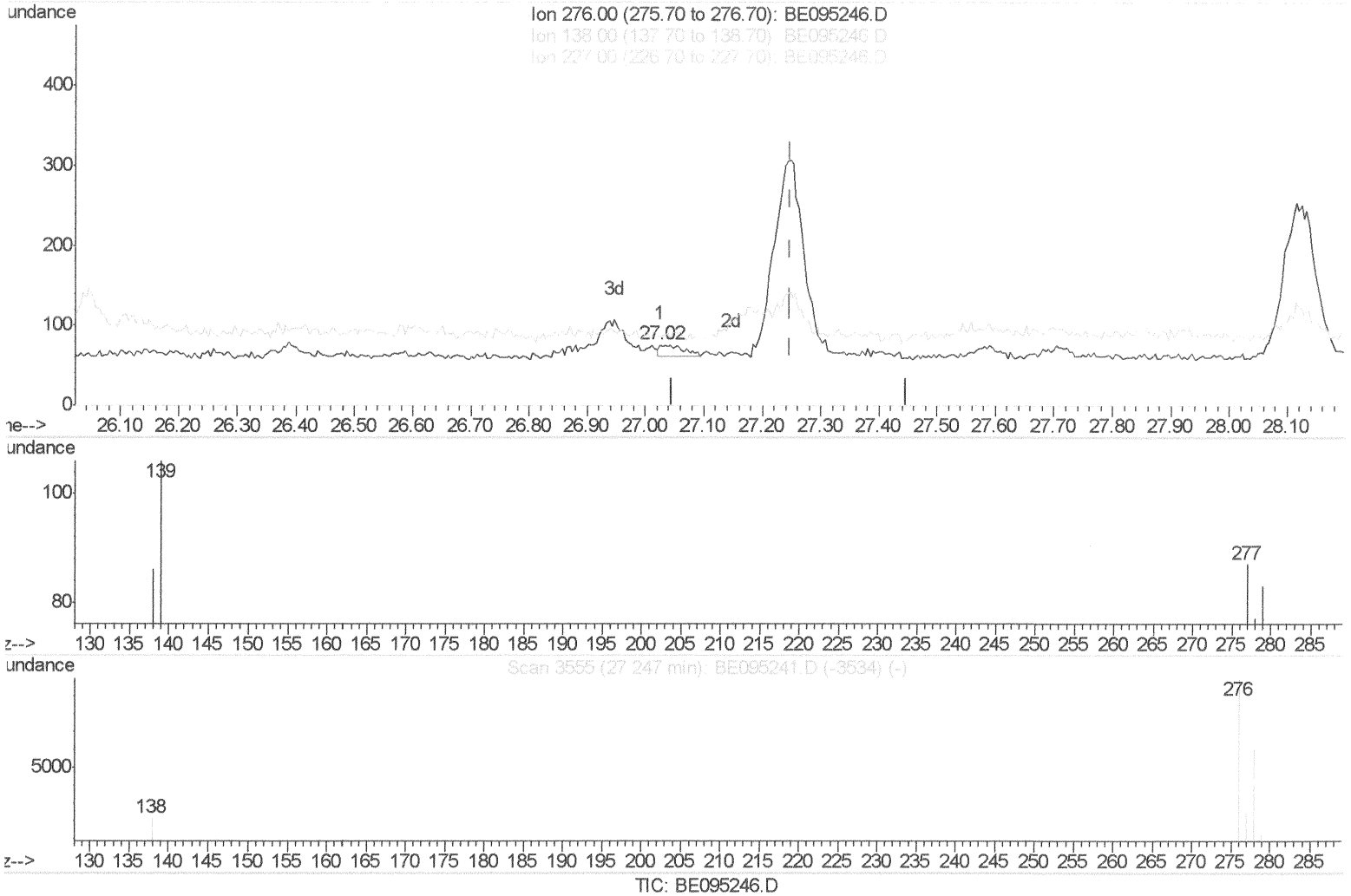
Manual Integrations

Instrument : BNA_E
 Client Sample : #54-F6810

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095246.D
Acq On : 29 Jan 2018 14:45
Operator : SJ/JU
Sample : J1233-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
Response via : Initial Calibration



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

27.024min (-0.222) 0.00ng/ul

1/30/2018 3:32:00 PM

Sohil

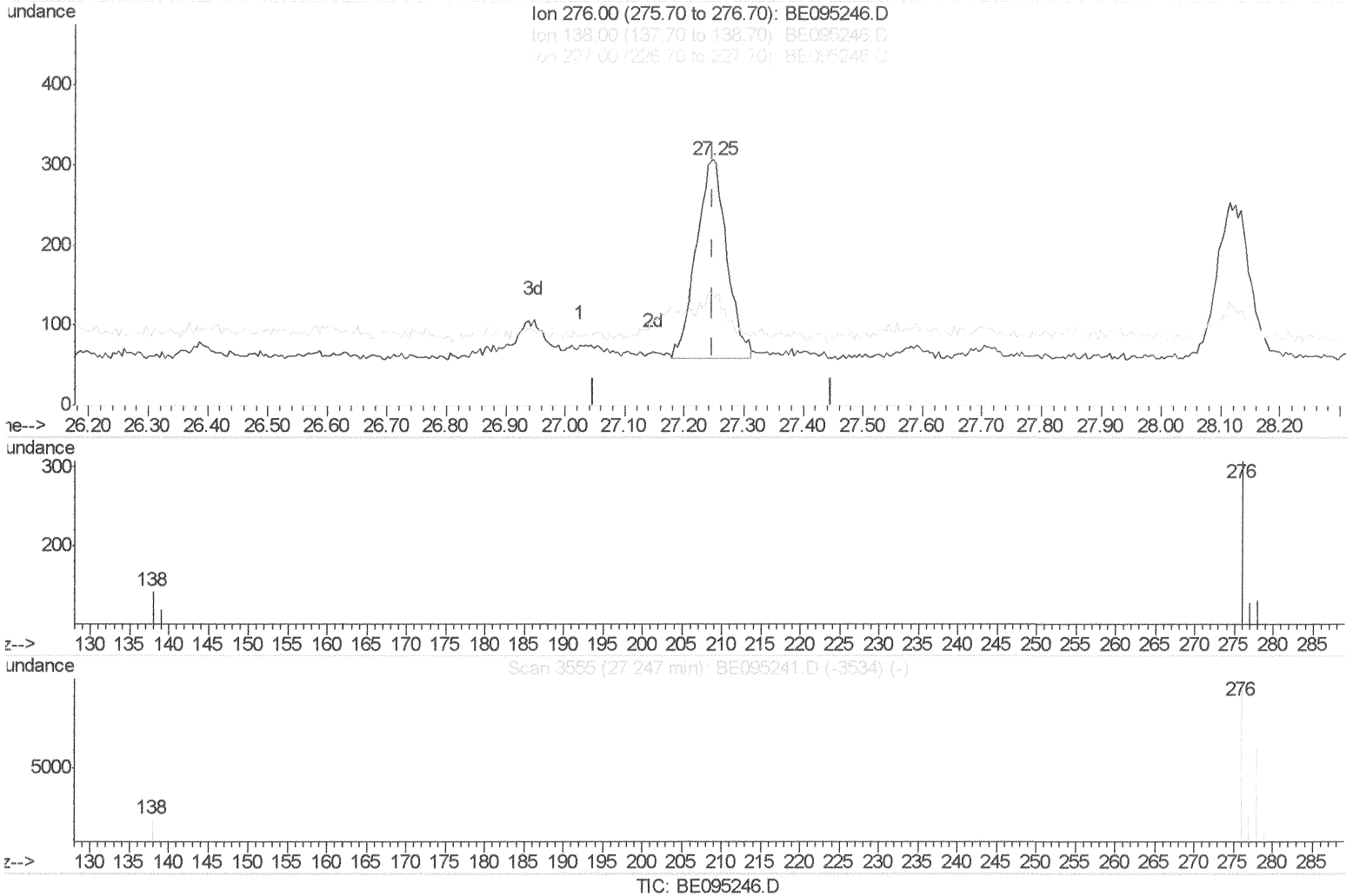
Manual Integrations
APPROVED

Instrument :
BNA_E
ClientSampled :
#0F6B10

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095246.D
Acq On : 29 Jan 2018 14:45
Operator : SJ/JU
Sample : J1233-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
Response via : Initial Calibration



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

27.248min (+0.001) 0.03ng/ul m

2018/01/30

1/30/2018 3:32:00 PM

Sohil

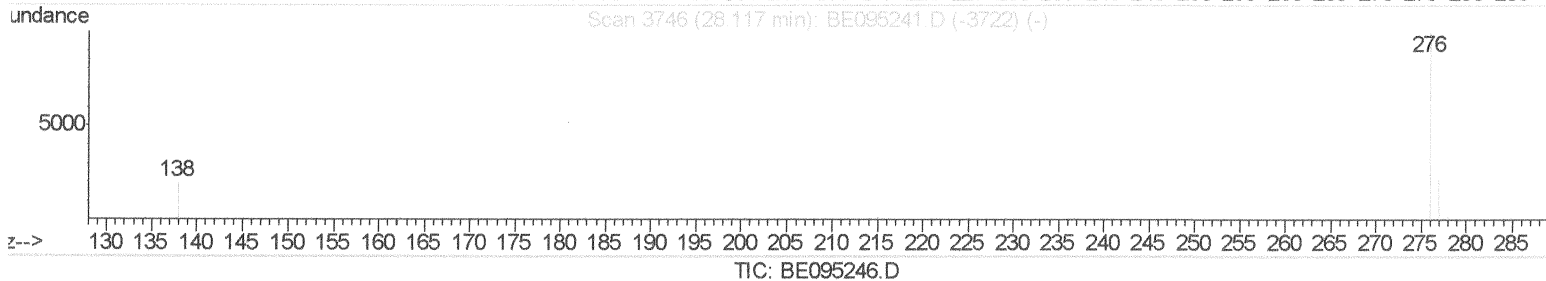
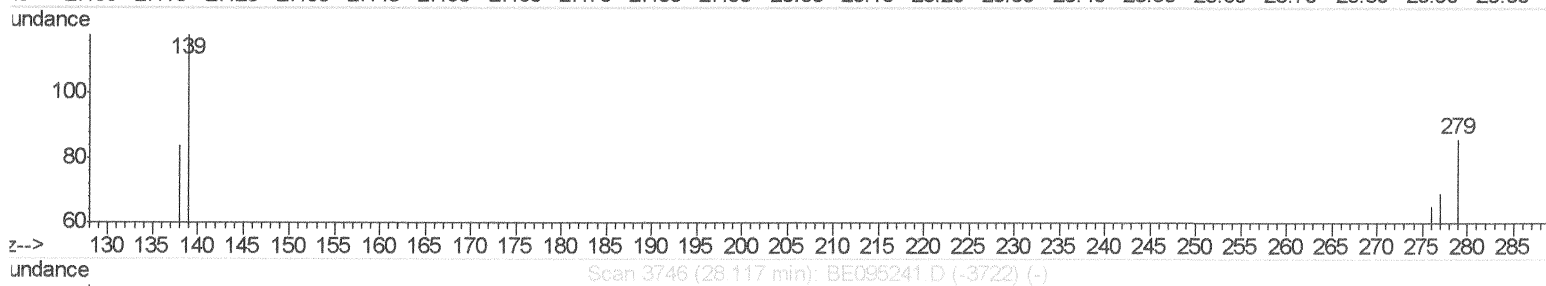
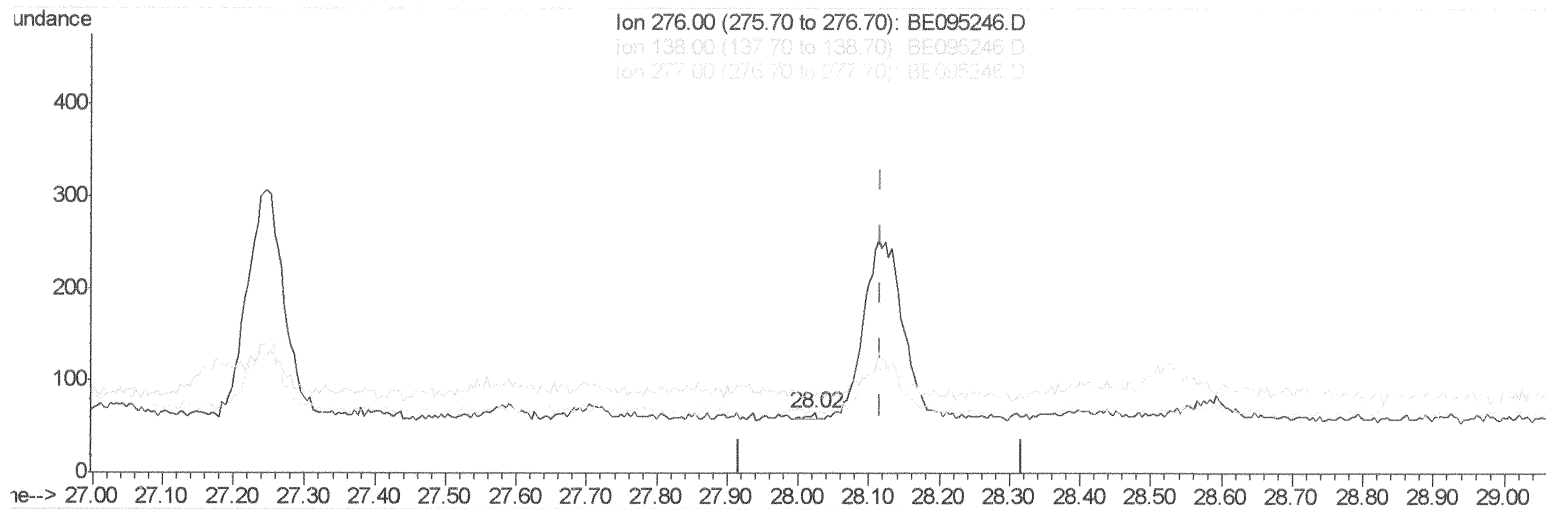
Manual Integrations
APPROVED

Instrument :
BNA_E
Client Sample :
#06810

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
 Response via : Initial Calibration



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

28.022min (-0.095) 0.00ng/ul

1/30/2018 3:32:00 PM

Sohil

APPROVED

Manual Integrations

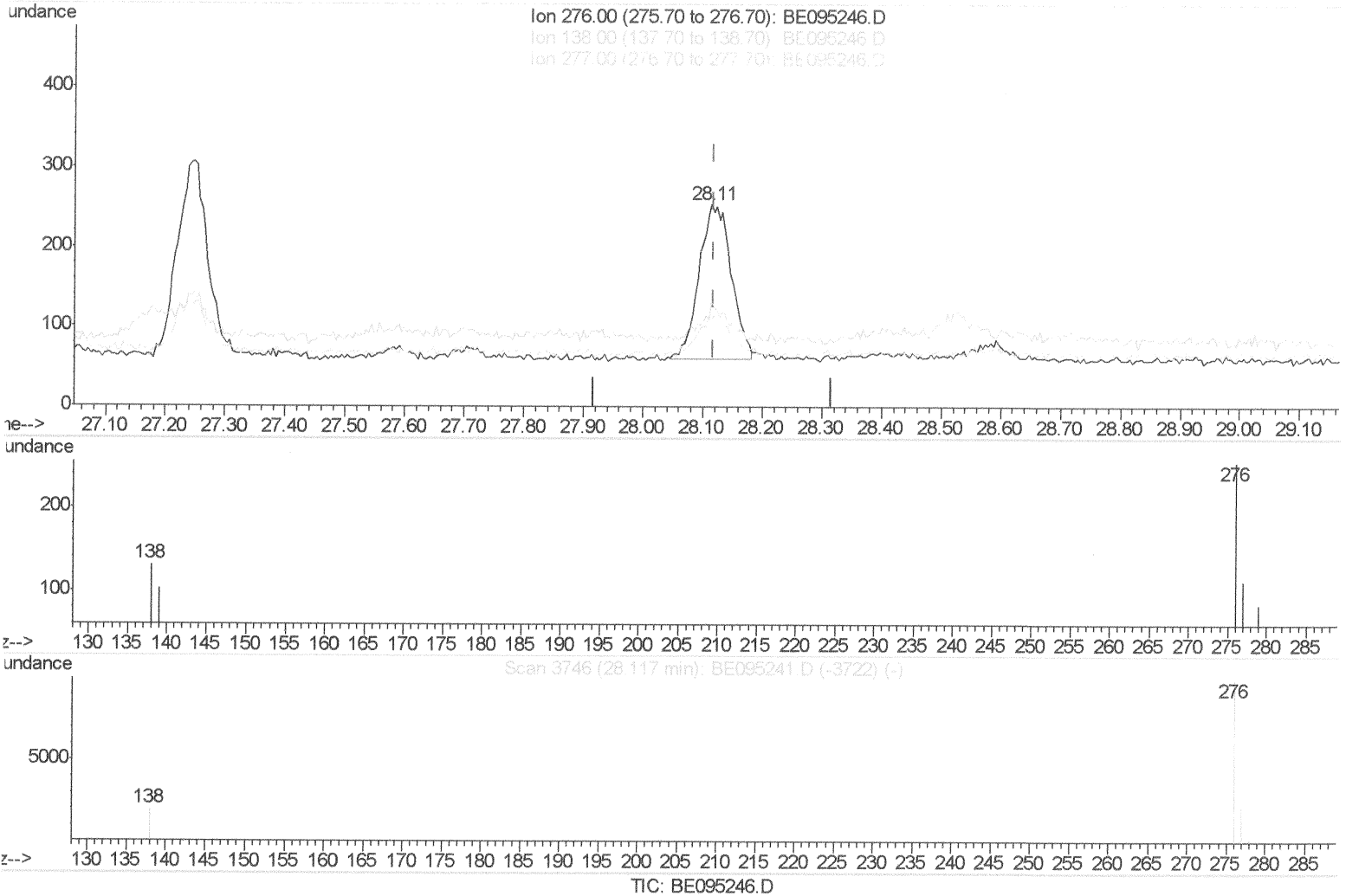
ClientSampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095246.D
Acq On : 29 Jan 2018 14:45
Operator : SJ/JU
Sample : J1233-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:07:20 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 04:43:36 2018
Response via : Initial Calibration



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

28.113min (-0.003) 0.03ng/ul m

28/12/18

1/30/2018 3:32:00 PM
Sohil

Manual Integrations
APPROVED

Instrument :
BNA_E
ClientSampled :
#61-FB10

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095246.D
 Acq On : 29 Jan 2018 14:45
 Operator : SJ/JU
 Sample : J1233-06
 Disc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 05:09:12 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 04:43:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2510	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7797	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5209	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	10507m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	10688	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9823m	0.40	ng/ul	0.00

Mon 1/30/18
Tue 1/31/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	4323	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11860	0.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	10179	0.466	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	6988	0.479	ng/ul	100
7) Acenaphthylene	14.74	152	619	0.025	ng/ul#	55
8) Acenaphthene	15.08	153	11376	0.585	ng/ul	98
9) Fluorene	16.02	166	8892	0.443	ng/ul#	73
11) Pentachlorophenol	17.36	266	431100	211.835	ng/ul#	57
12) Phenanthrene	17.75	178	50384	1.426	ng/ul#	86
13) Anthracene	17.85	178	9019	0.279	ng/ul#	93
15) Fluoranthene	19.72	202	45290	0.990	ng/ul	84
17) Pyrene	20.08	202	32554	0.908	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	6254	0.187	ng/ul#	87
19) Chrysene	21.84	228	4950	0.143	ng/ul	93
21) Benzo(b)fluoranthene	23.62	252	4751m	0.137	ng/ul	} <i>Mon 1/30/18</i>
22) Benzo(k)fluoranthene	23.65	252	1639m	0.052	ng/ul	
23) Benzo(a)pyrene	24.32	252	1912m	0.062	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	889m	0.026	ng/ul	
26) Benzo(a,h,i)perylene	28.11	276	731m	0.025	ng/ul	

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

1/30/2018 3:32:00 PM

Sohil

APPROVED

Manual Integrations

F6B10

Client Sampled :

BNA_E

Instrument :