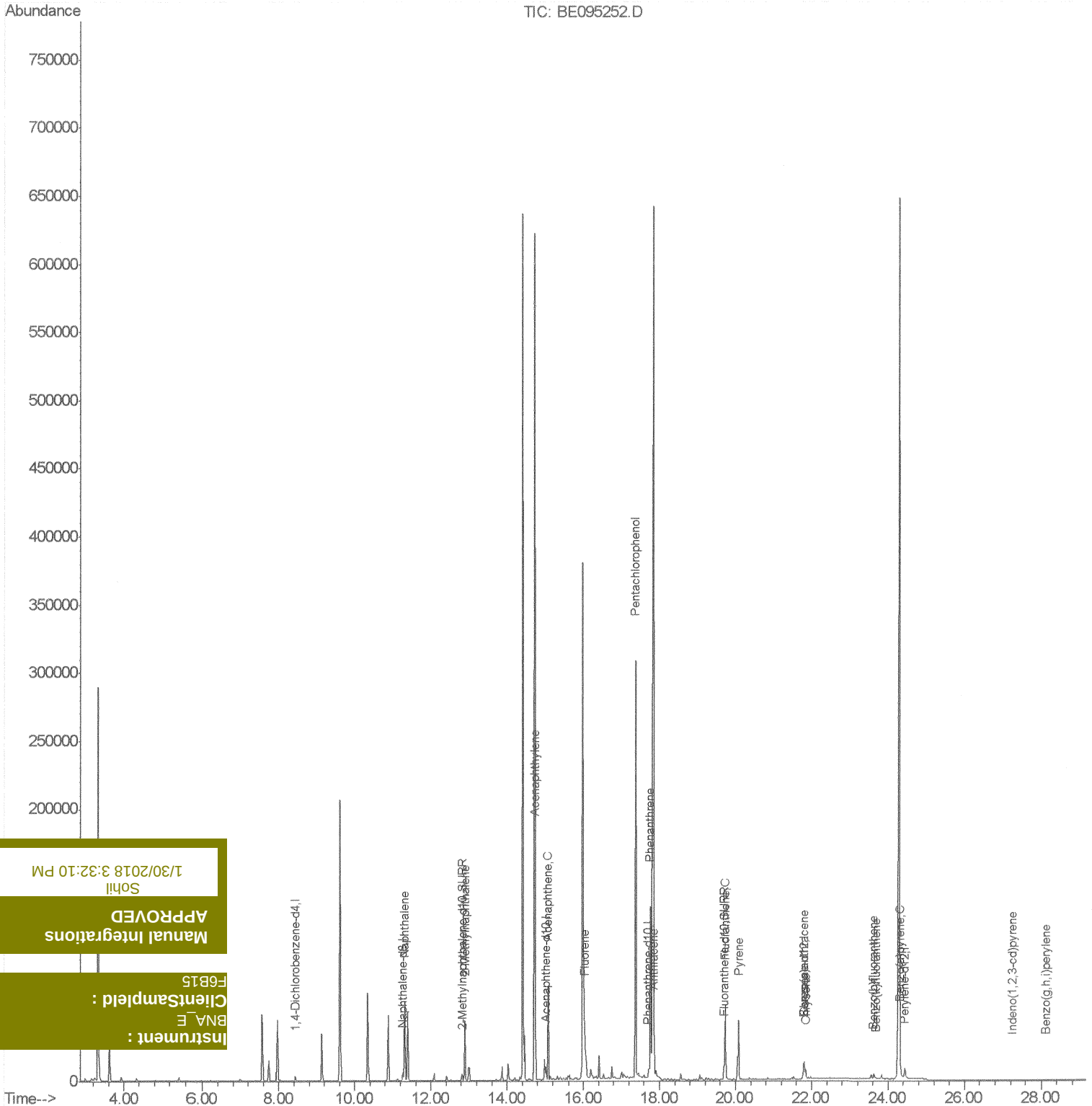


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

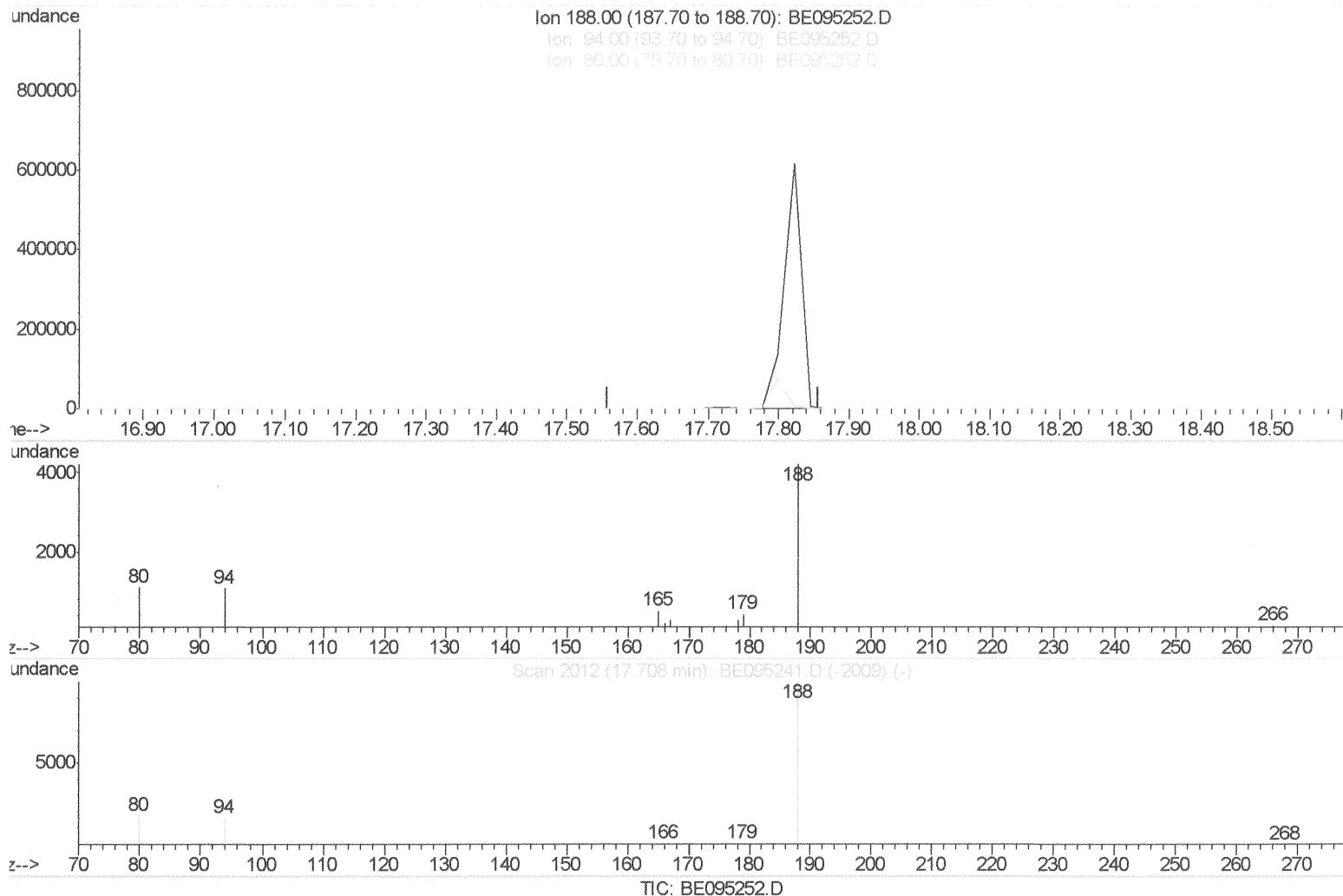
Quant Time: Jan 30 06:02:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 04:45:18 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 3:32:10 PM

Sohil

APPROVED

Manual Integrations

#00:00 00:11 00:46

#00:00 F6B15

Client Sampled :

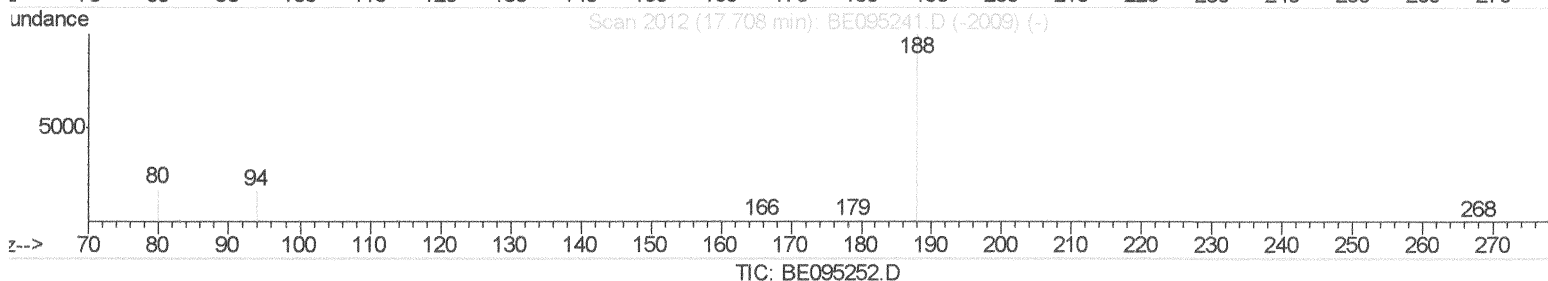
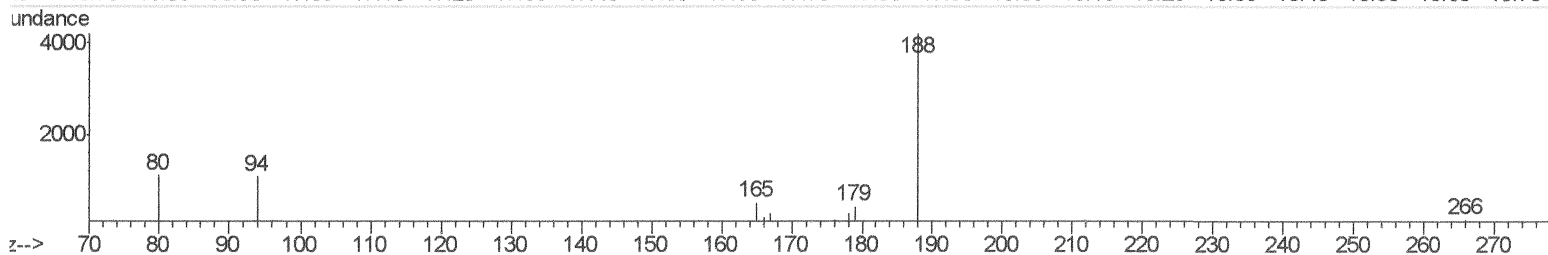
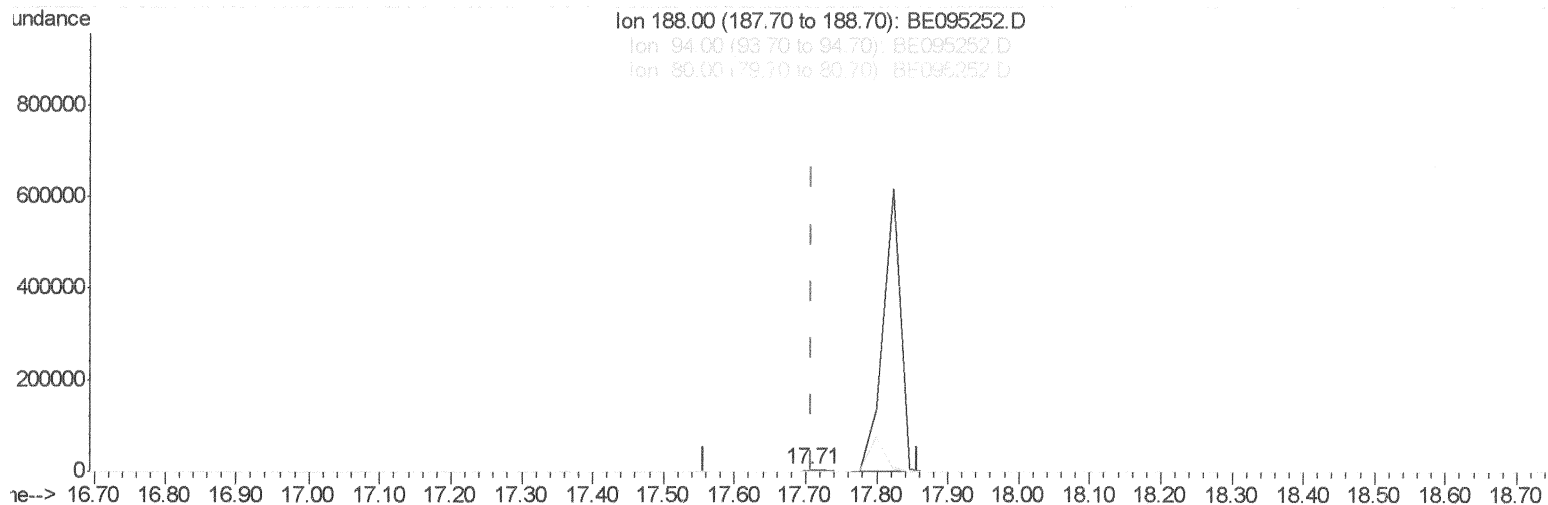
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 04:45:18 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)

17.707min (-0.001) 0.40ng/ul m

2020/1/30

1/30/2018 3:32:10 PM

Sohil

APPROVED

Manual Integrations

94.00 11.00 25.67#

F6B15

#ClientSampled :

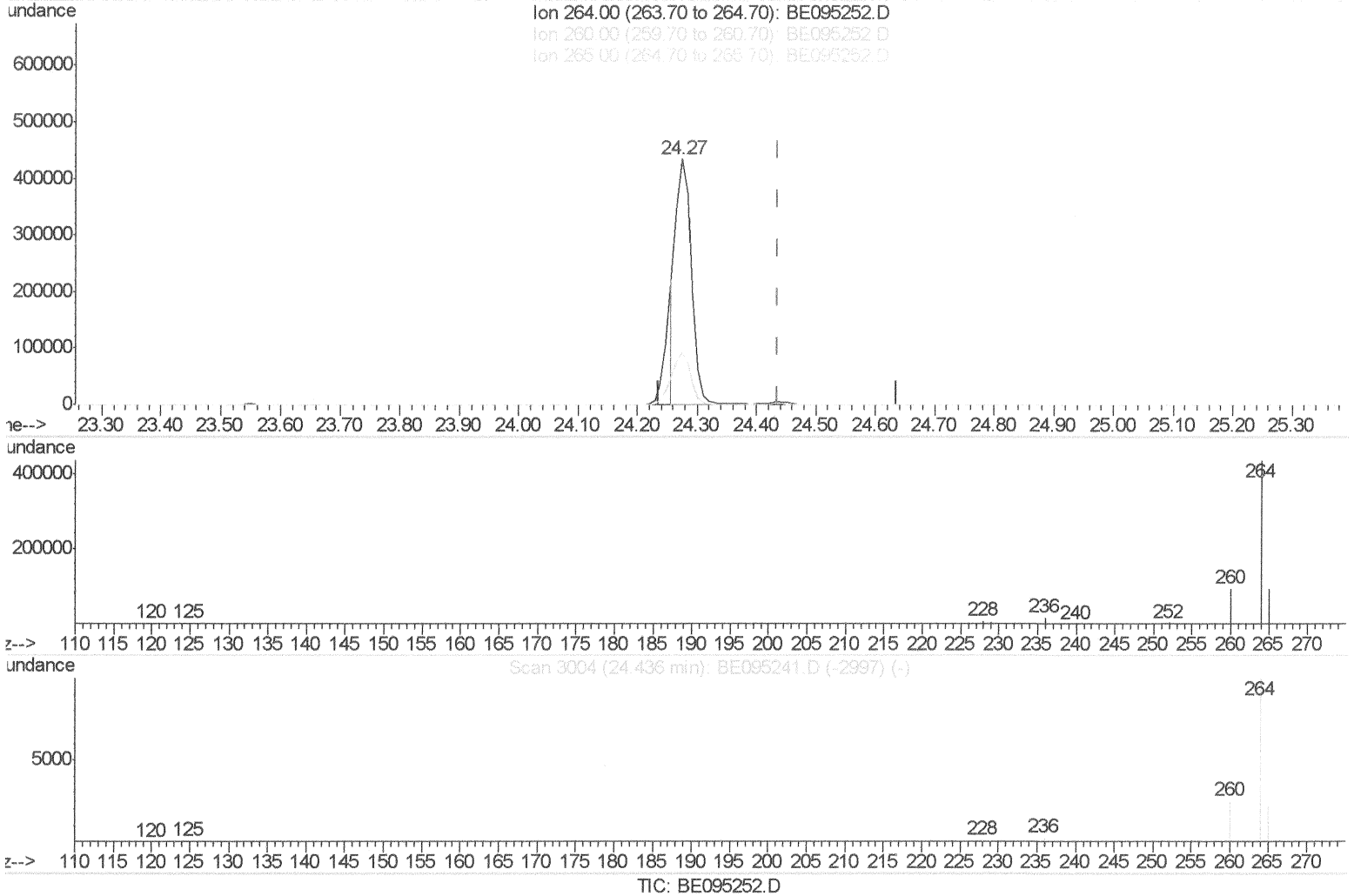
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:00:25 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 3:32:10 PM
 Sohll

Manual Integrations
 APPROVED

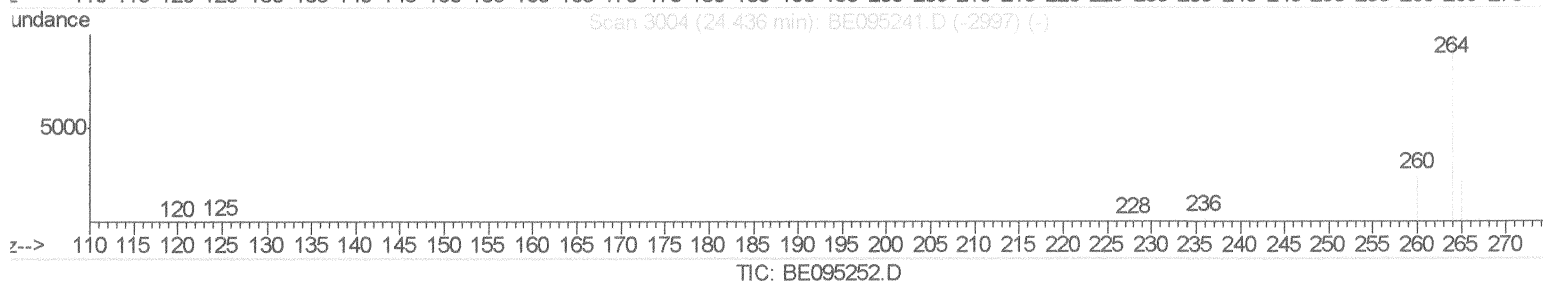
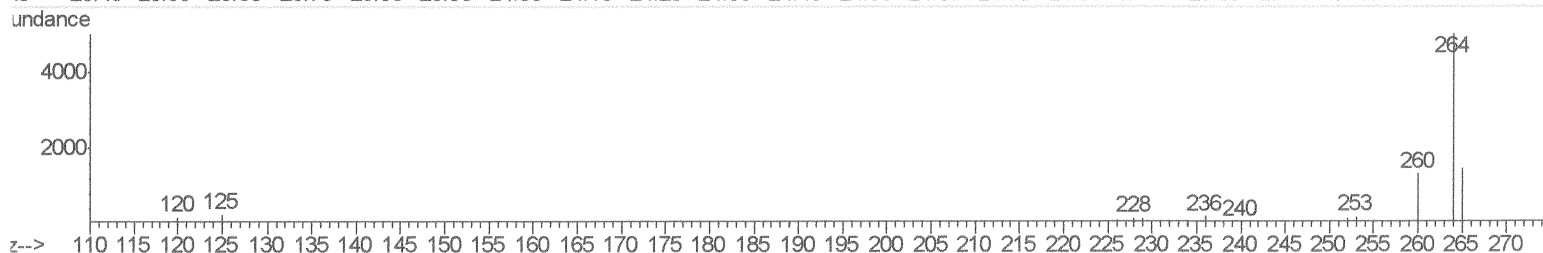
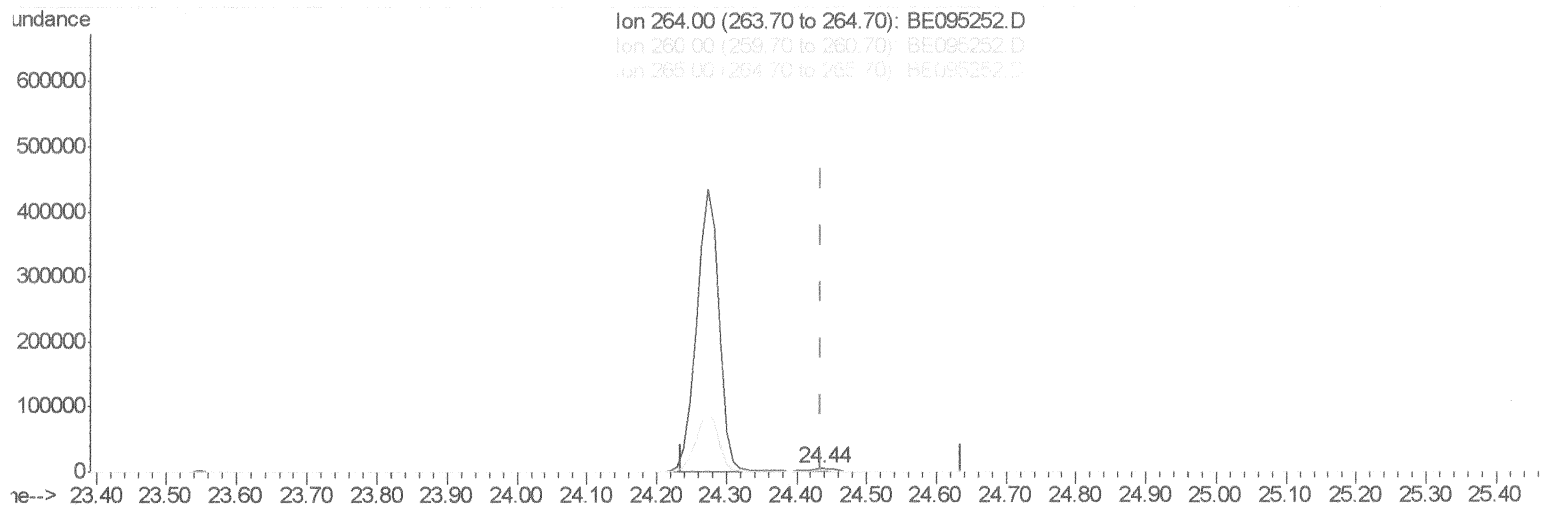
260.00 30.10 21.43#

Instrument : BNA_E
 ClientSample : #16
 F6B15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:00:25 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

24.436min

1/30/2018 3:32:10 PM

Sohil

APPROVED

Manual Integrations

26.43 01.10 00.09

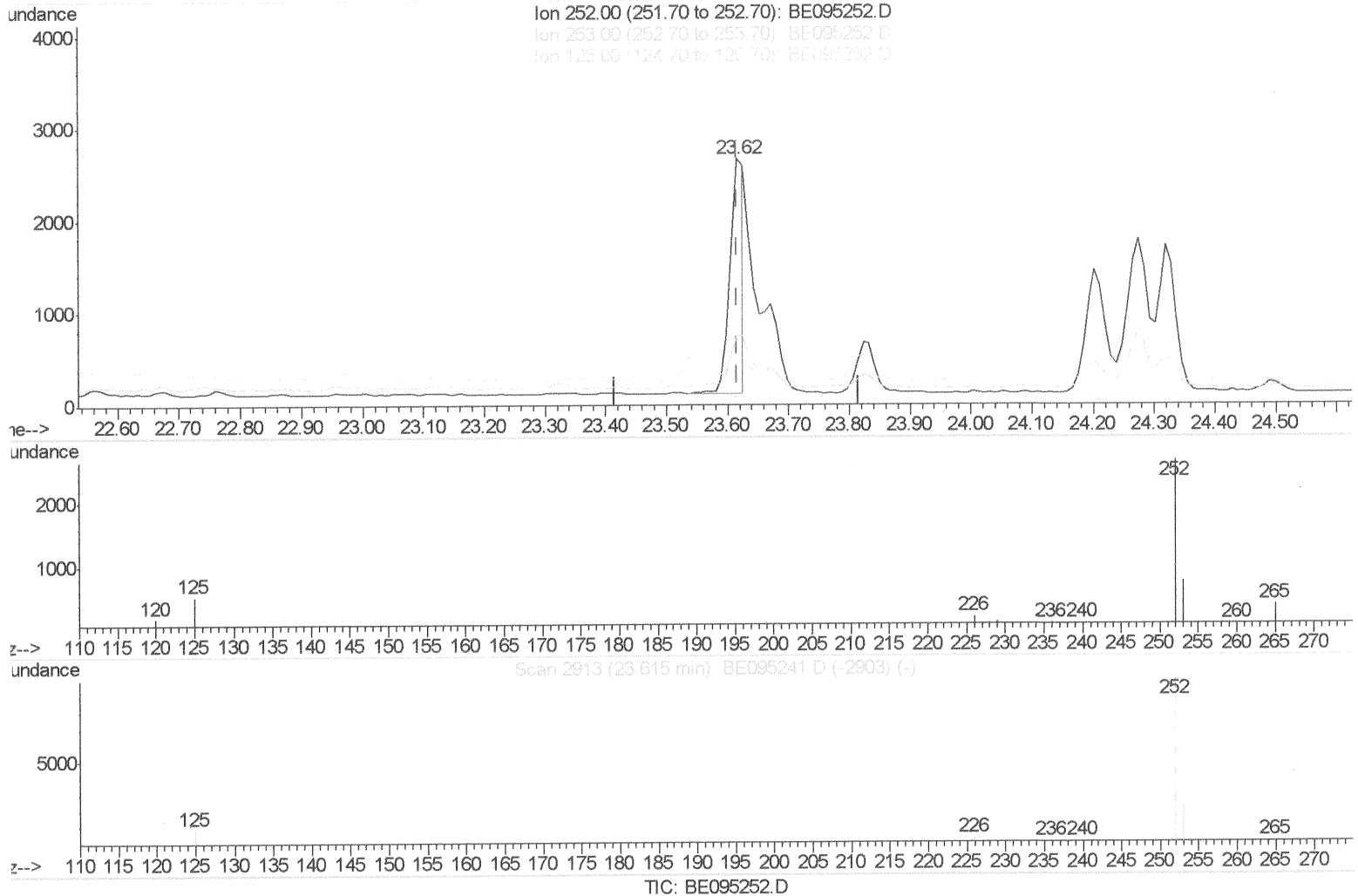
#06 Client Sampled : F6B15

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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

23.616min (+0.000) 0.12ng/ul

1/30/2018 3:32:10 PM

Sohil

Manual Integrations
 APPROVED

253.00 32.10 28.20

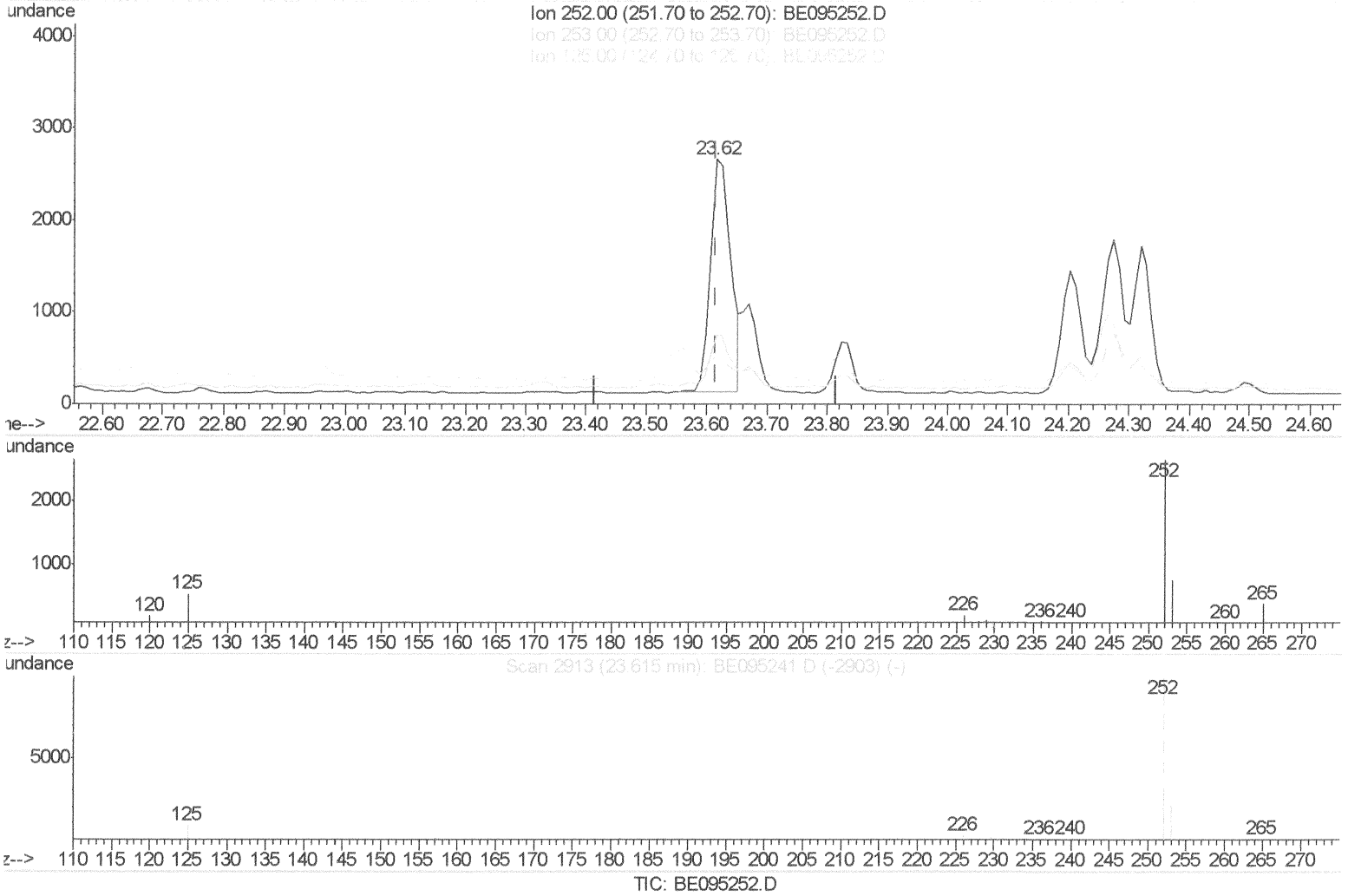
Client Sampled : 64

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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

23.616min (+0.000) 0.18ng/ul m

1/30/2018 3:32:10 PM
 Sohll

Manual Integrations
 APPROVED

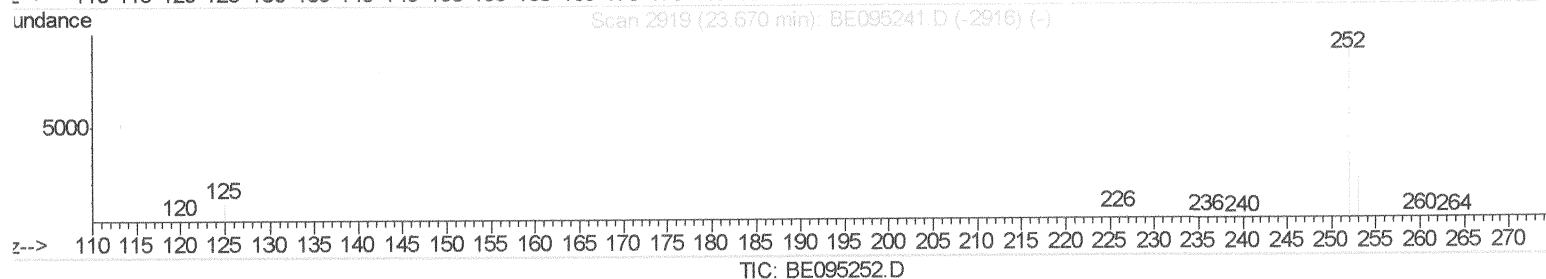
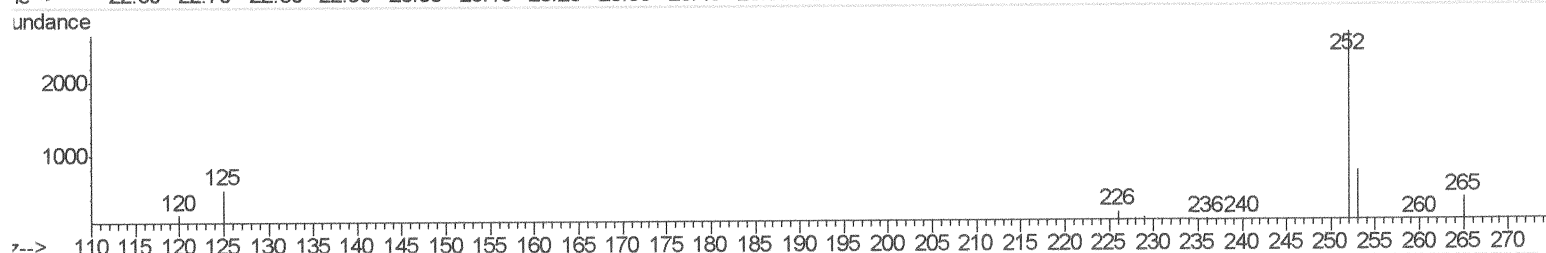
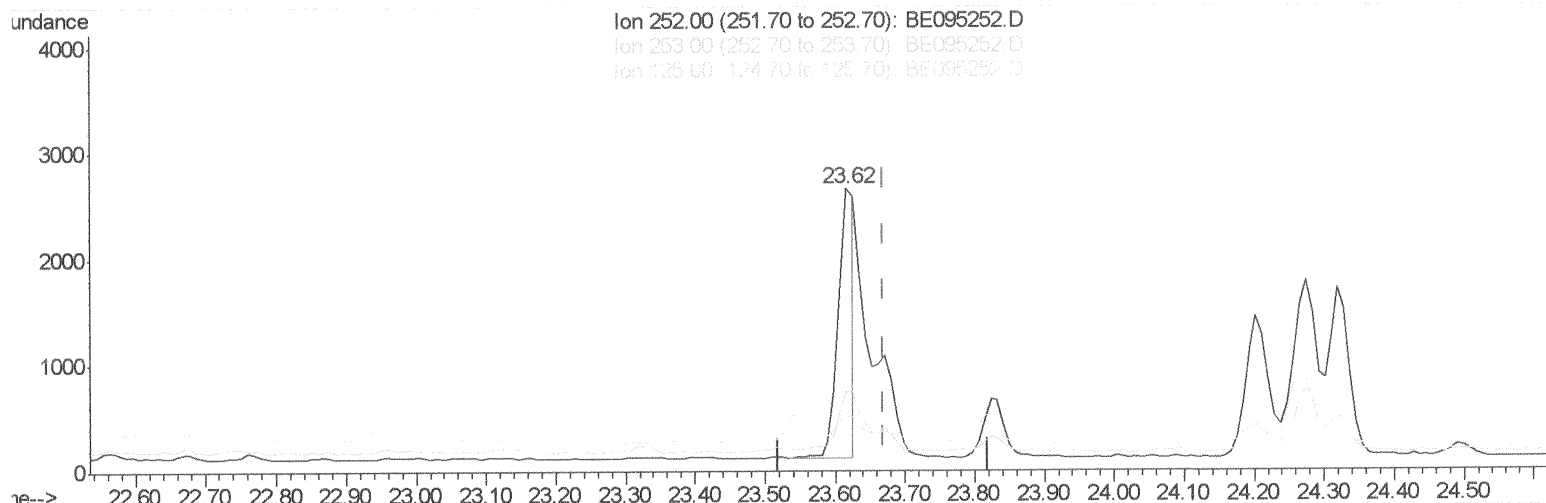
253.00 32.10 28.20

Instrument :
 BNA_E
 ClientSample :
 F6B15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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

23.616min (-0.054) 0.13ng/ul

1/30/2018 3:32:10 PM

Sohil

APPROVED

Manual Integrations

253.00 30.00 28.20

F6B15

Client Sampled : 0.64

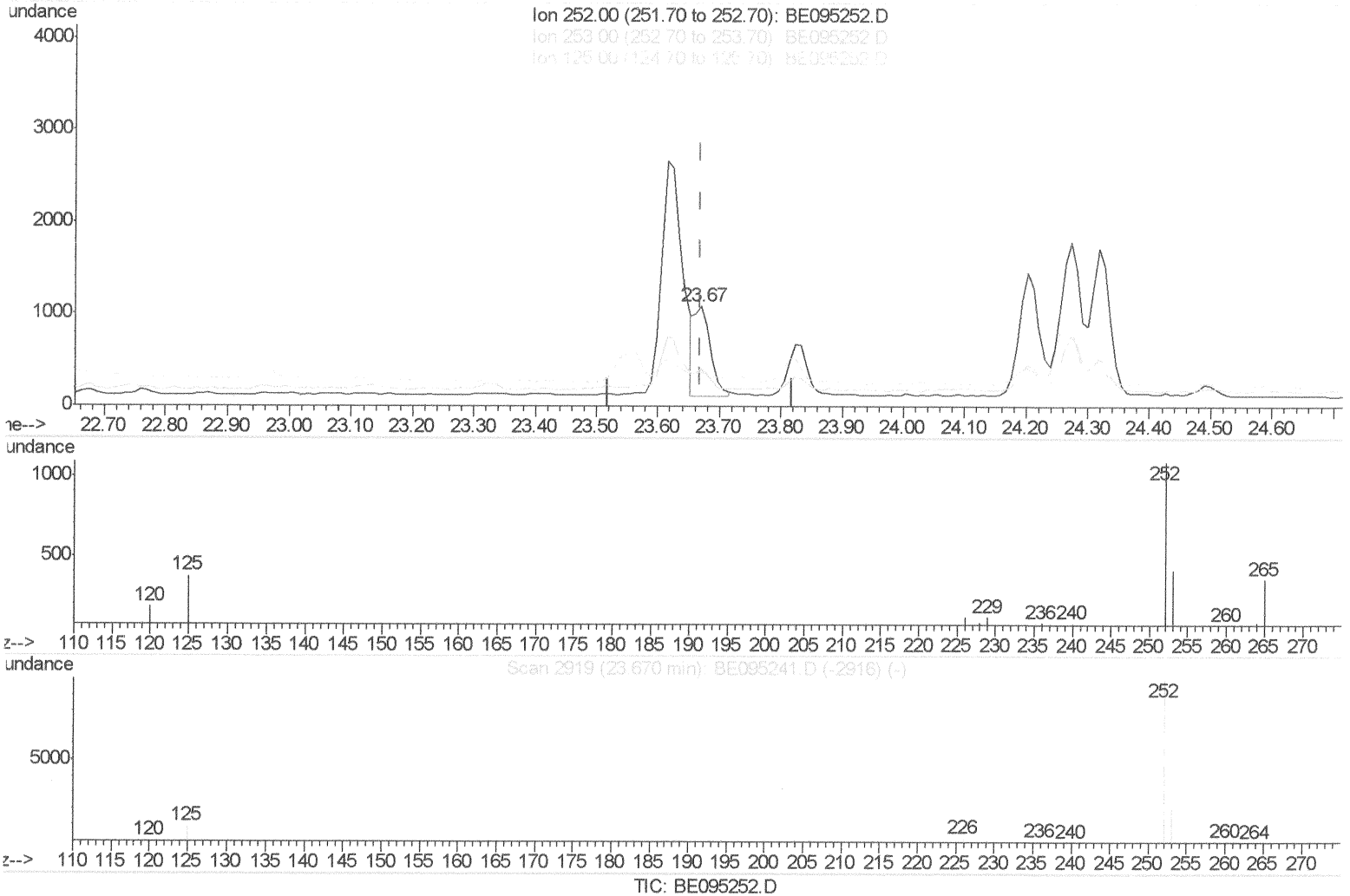
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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 (+0.000) 0.06ng/ul m

Handwritten signature

1/30/2018 3:32:10 PM

Sohil

APPROVED

Manual Integrations

253.00 30.00 38.38#

F6B15

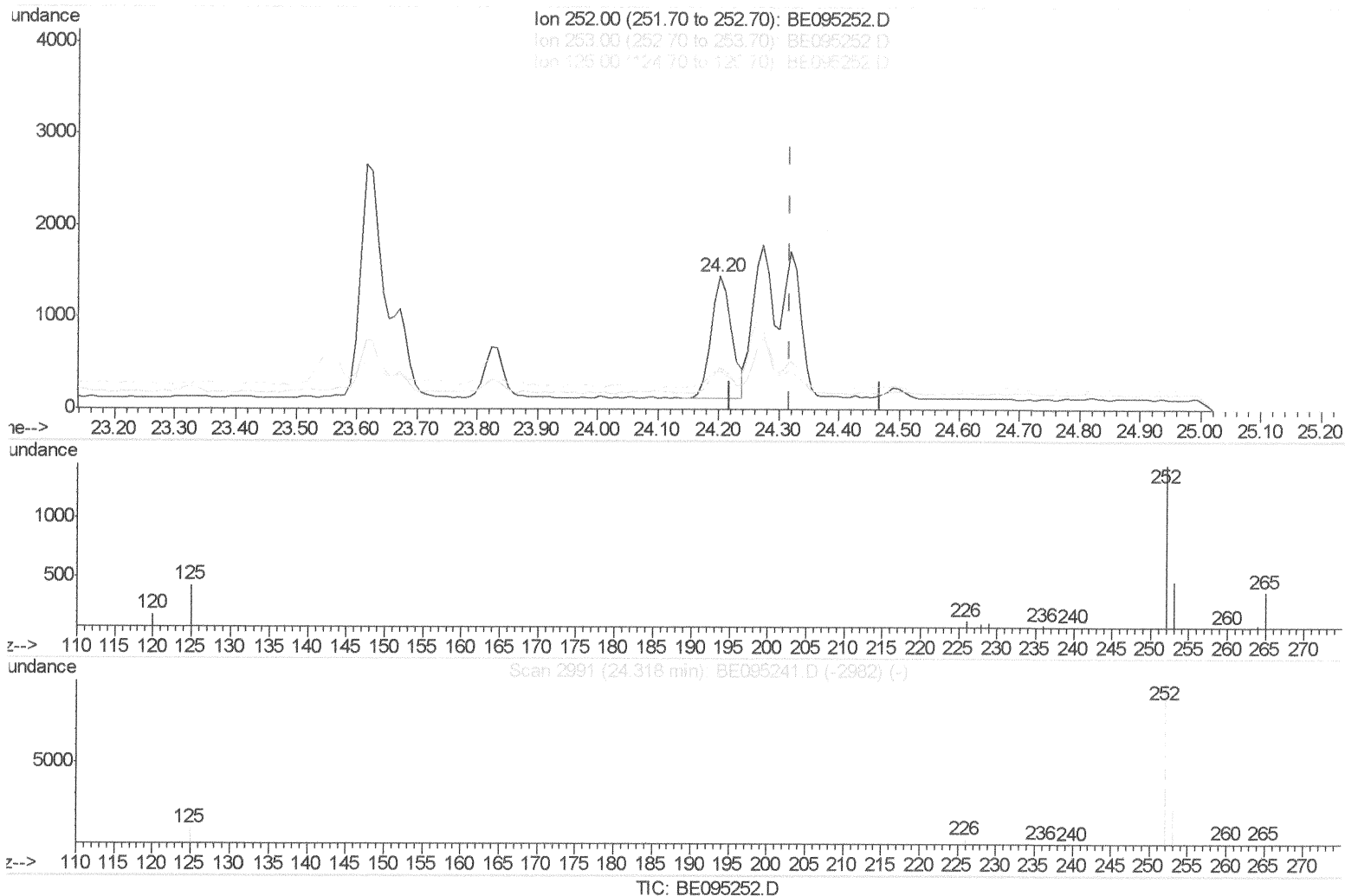
Client Sampled: 34#

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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) 0.11ng/ul

1/30/2018 3:32:10 PM

Sohil

APPROVED

Manual Integrations

253.00 253.00 253.00

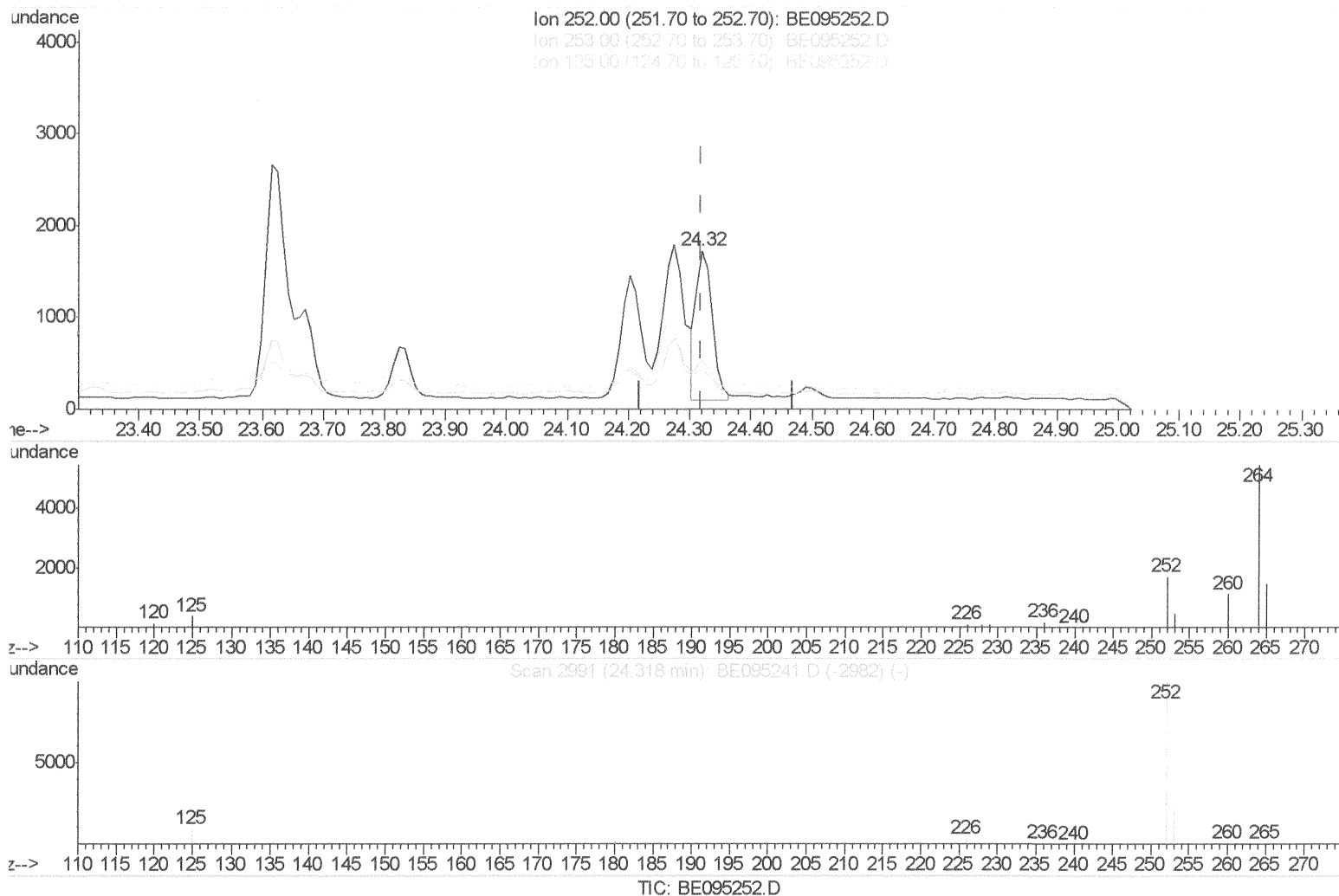
#8 Client Sampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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) 0.10ng/ul m

monitors

1/30/2018 3:32:10 PM

Sohil

APPROVED

Manual Integrations

09:00 35.60 30.60

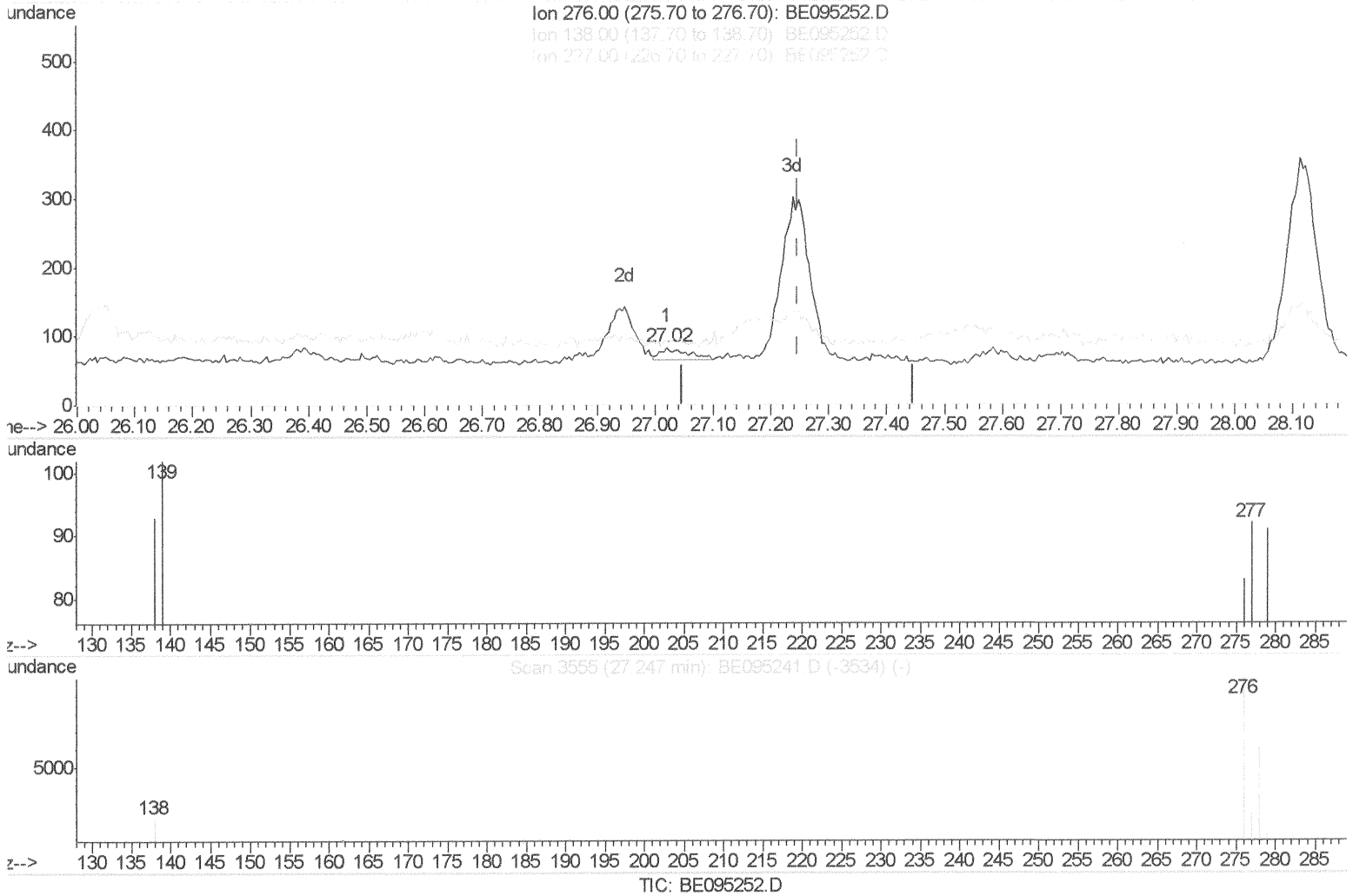
Client Sampled : 44

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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

27.019min (-0.228) 0.00ng/ul

1/30/2018 3:32:10 PM

Sohil

APPROVED
 Manual Integrations

138.00 35.00 43.64#

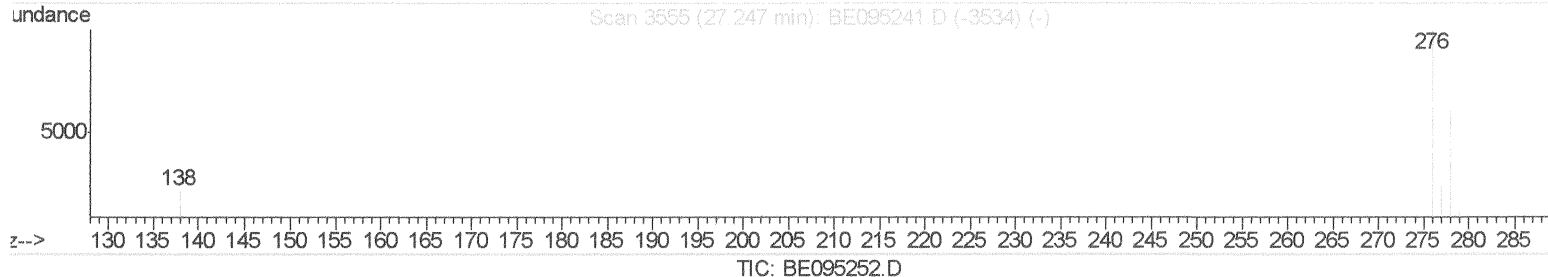
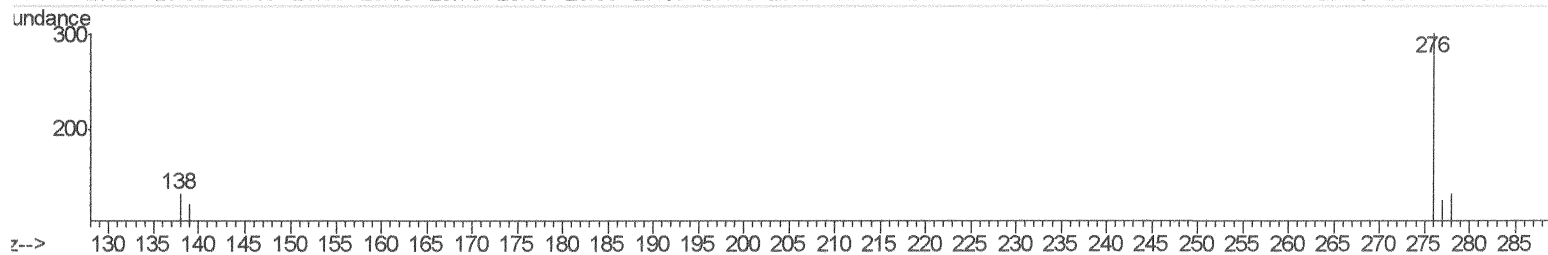
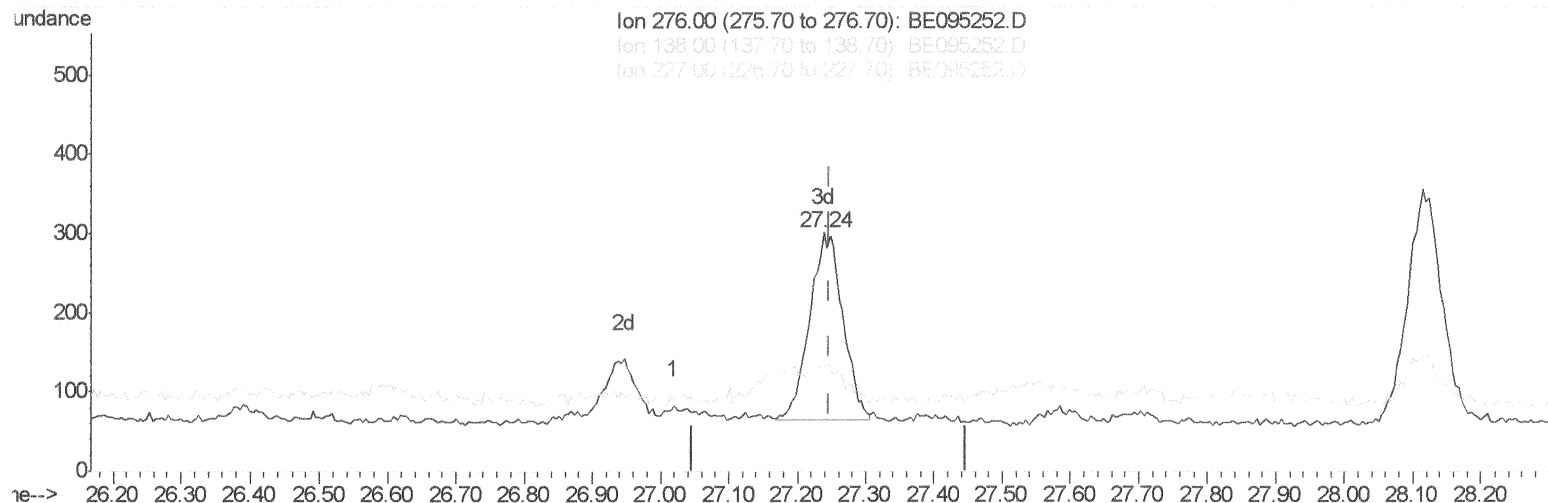
#00 Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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

27.238min (-0.009) 0.02ng/ul m

Handwritten signature

1/30/2018 3:32:10 PM

Sohil

APPROVED

Manual Integrations

3.02# 00.55 138.00

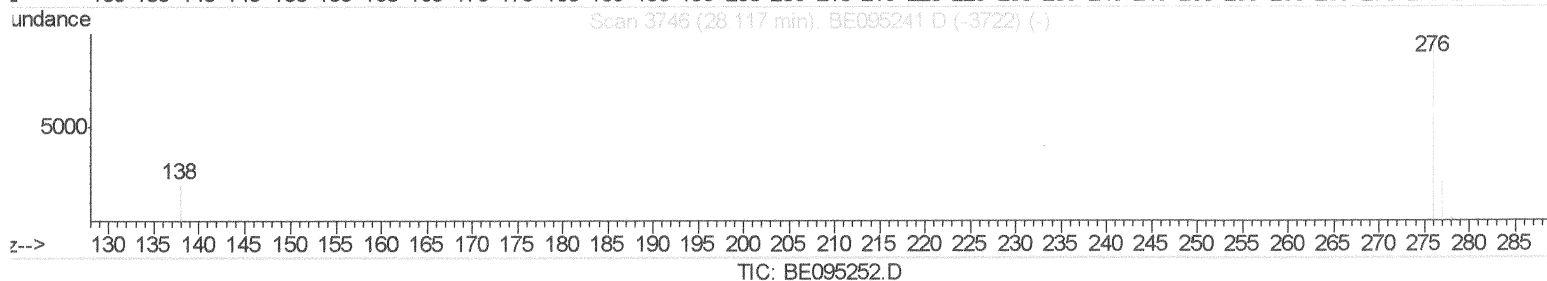
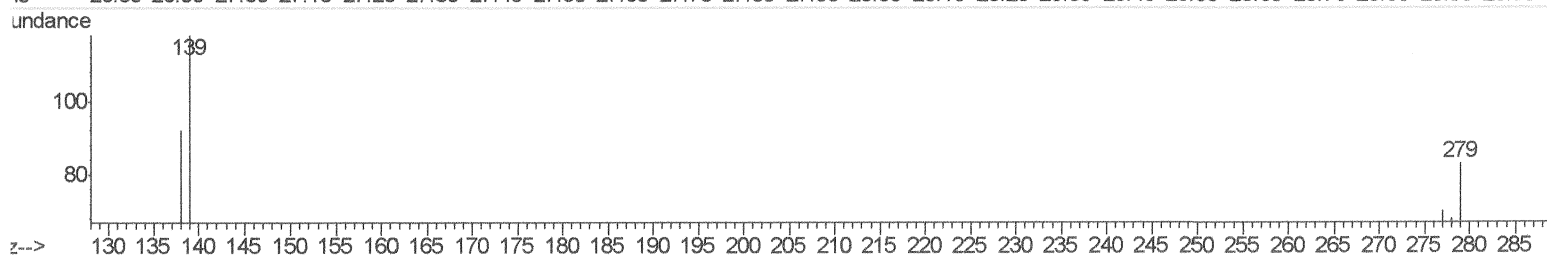
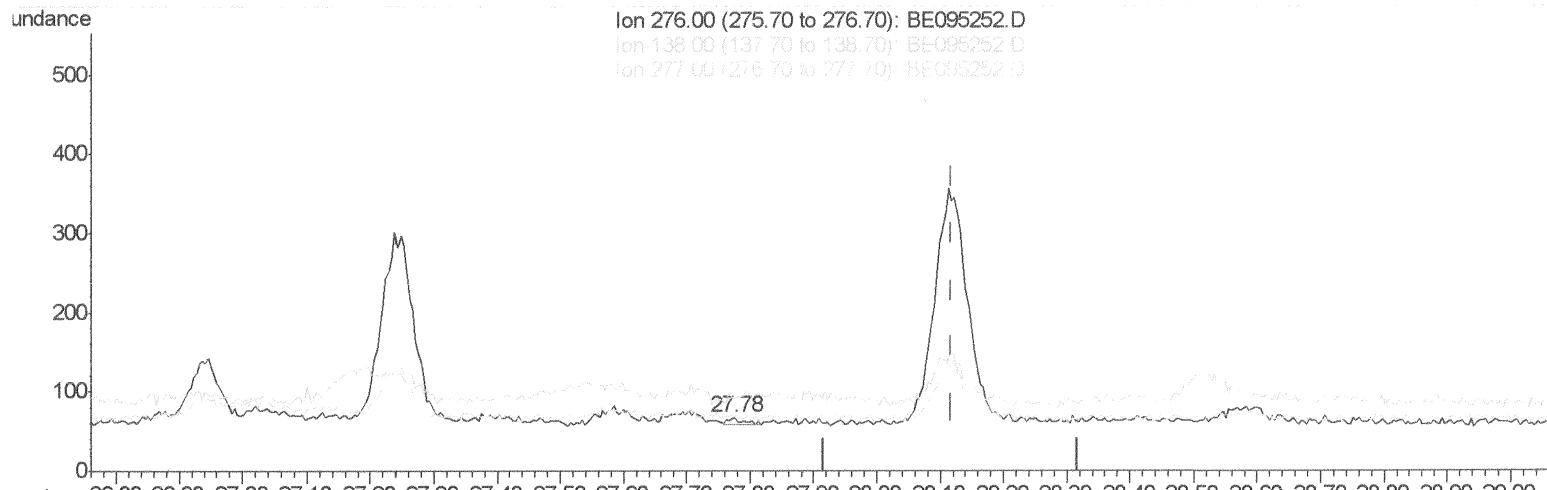
#0 Client Sampled : F6B15

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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
 27.776min (-0.341) 0.00ng/ul

1/30/2018 3:32:10 PM
 Sohll

Manual Integrations
 APPROVED

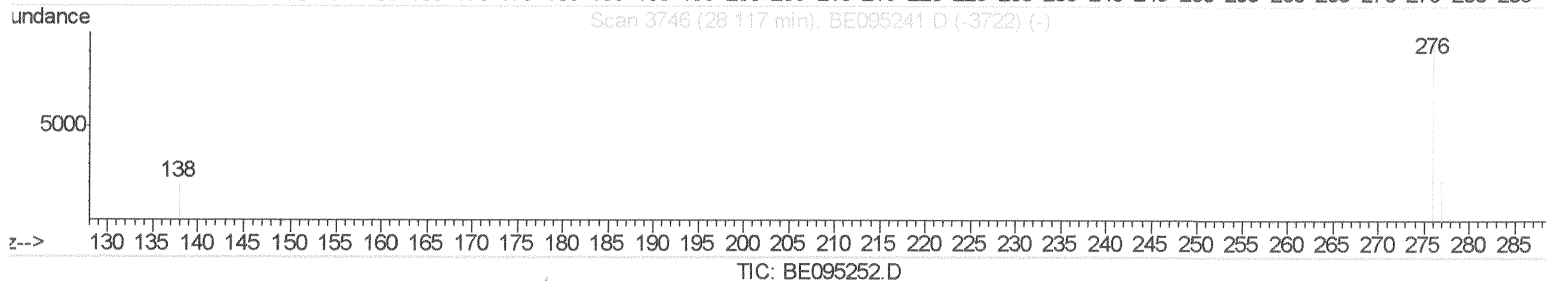
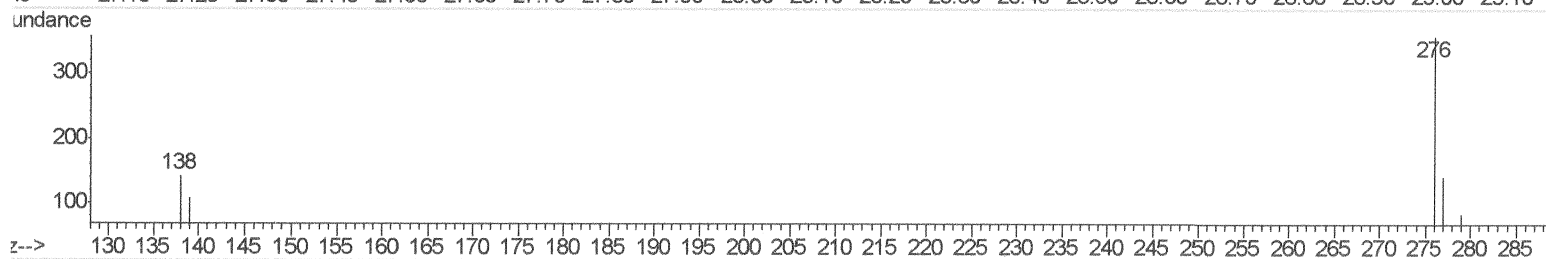
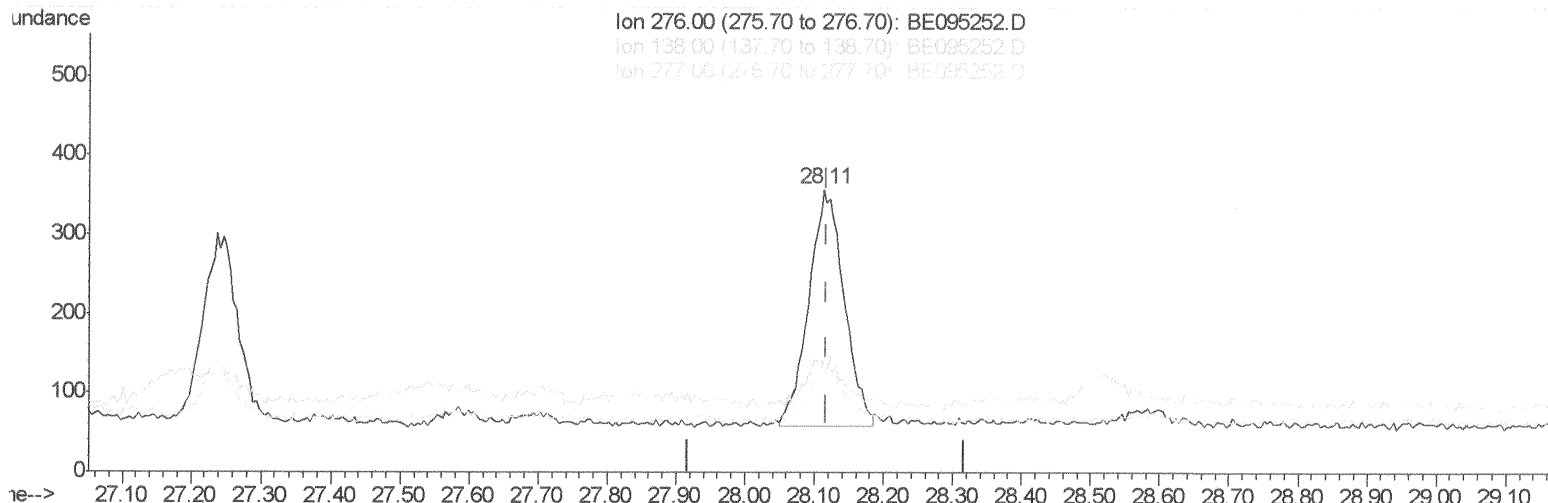
138.00 27.30 137.31#

Instrument : BNA_E
 Client Sample : #48
 F6B15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:01:05 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 (-0.004) 0.04ng/ul m

1/30/2018 3:32:10 PM
 Sohll

Manual Integrations
 APPROVED

Instrument : BNA_E
 Client Sampled : #8
 F6B15

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095252.D
 Acq On : 29 Jan 2018 18:20
 Operator : SJ/JU
 Sample : J1233-11
 Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:02:51 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	2576	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8064	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5739	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10717m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10678	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9450m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	5609	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	14972	0.37	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	79178	3.506	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	35964	2.385	ng/ul	100
7) Acenaphthylene	14.74	152	1603	0.058	ng/ul#	53
8) Acenaphthene	15.08	153	42768	1.997	ng/ul	94
9) Fluorene	16.02	166	40807	1.847	ng/ul#	73
11) Pentachlorophenol	17.36	266	169869	81.835	ng/ul	95
12) Phenanthrene	17.75	178	145657	4.041	ng/ul#	86
13) Anthracene	17.85	178	27056	0.820	ng/ul#	92
15) Fluoranthene	19.72	202	64443	1.381	ng/ul	84
17) Pyrene	20.08	202	46978	1.311	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	11471	0.344	ng/ul#	88
19) Chrysene	21.84	228	7284	0.210	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	6015m	0.180	ng/ul	}
22) Benzo(k)fluoranthene	23.67	252	1782m	0.058	ng/ul	
23) Benzo(a)pyrene	24.32	252	3064m	0.103	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	796m	0.024	ng/ul	
26) Benzo(a,h,i)perylene	28.11	276	1068m	0.039	ng/ul	

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

1/30/2018 3:32:10 PM

Sohil

APPROVED

Manual Integrations

F6B15

Client Sampled :

BNA_E

Instrument :