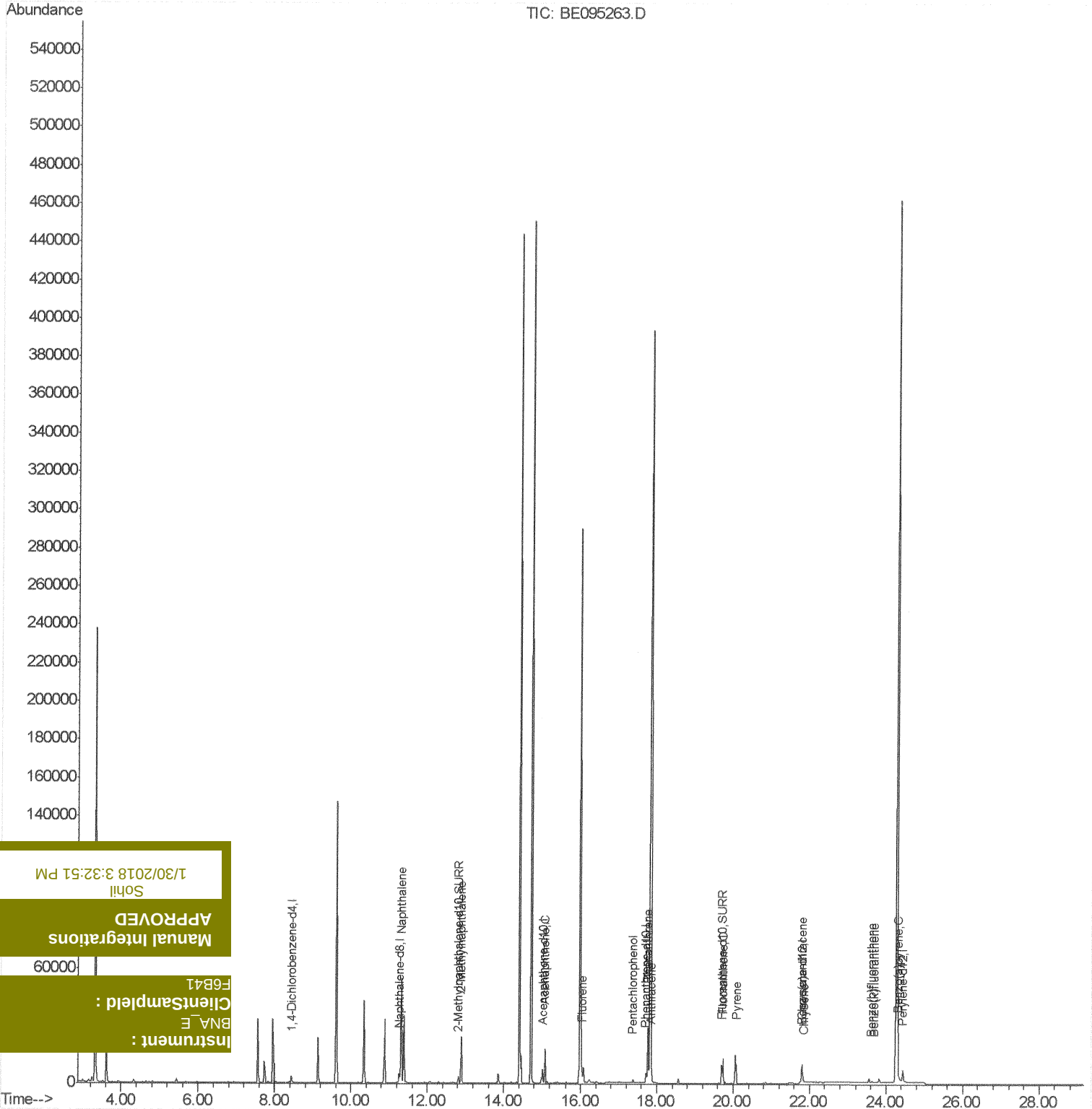


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

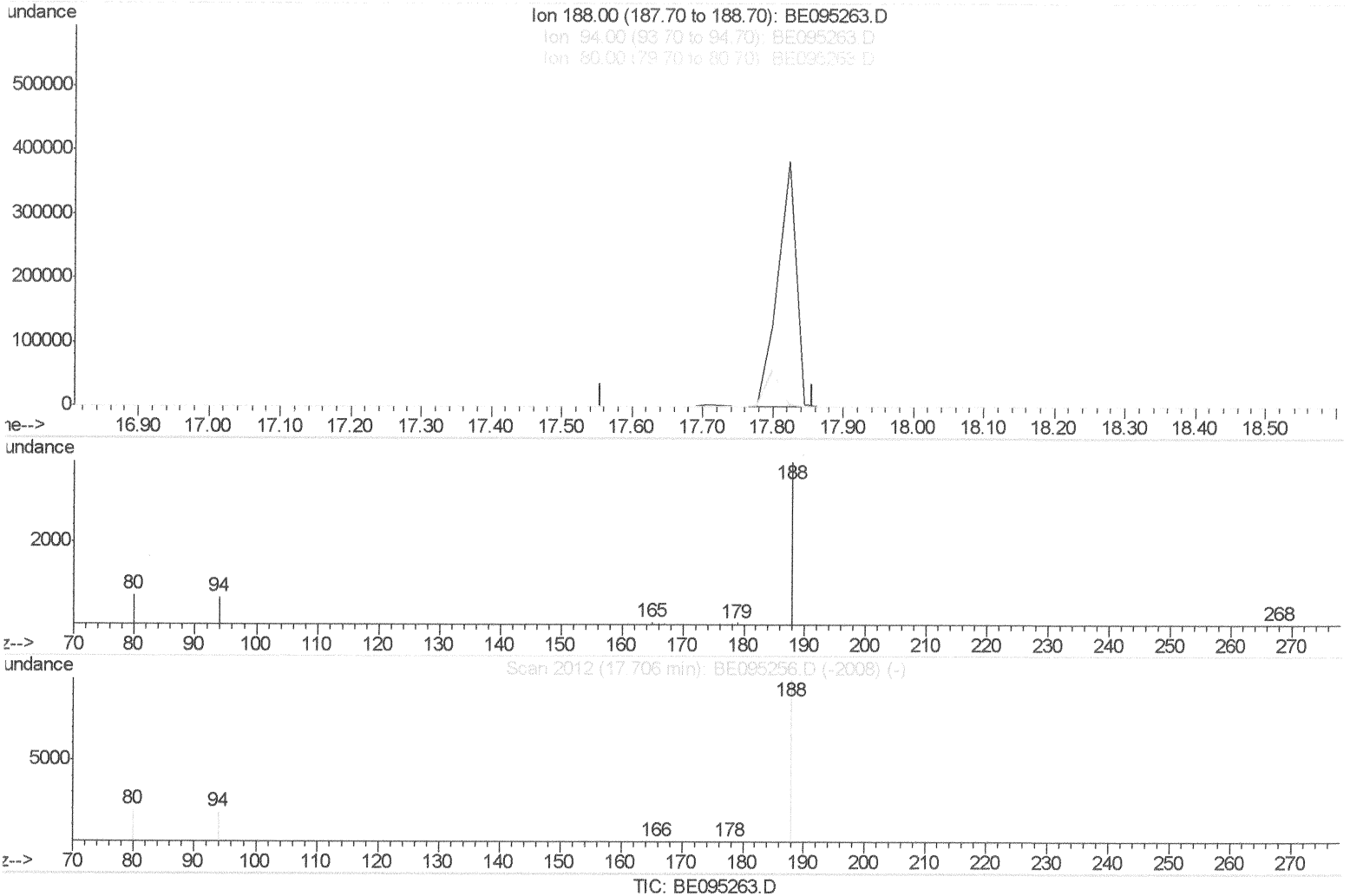
Quant Time: Jan 30 06:47:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:22:58 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 3:32:51 PM

Sohil

APPROVED

Manual Integrations

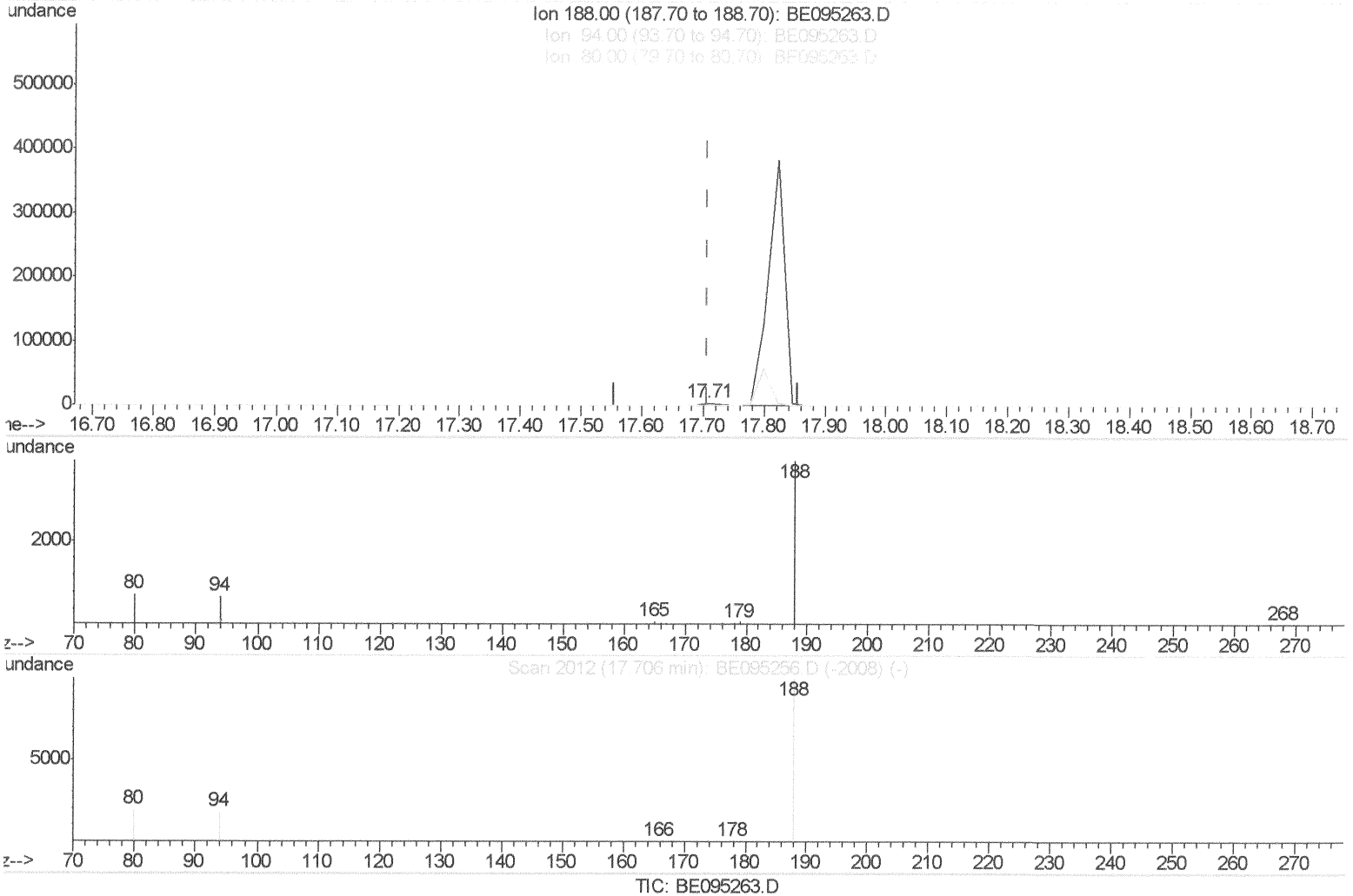
#ClientSampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:22:58 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 3:32:51 PM

Sohil

APPROVED

Manual Integrations

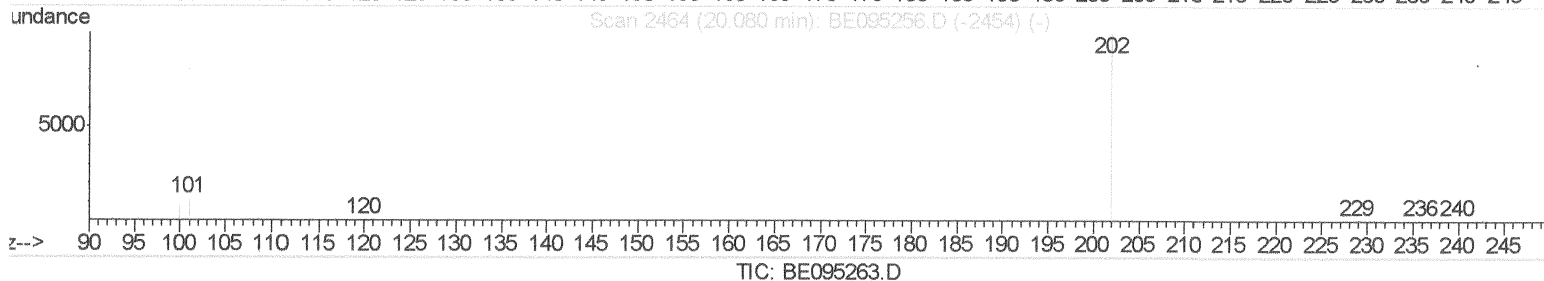
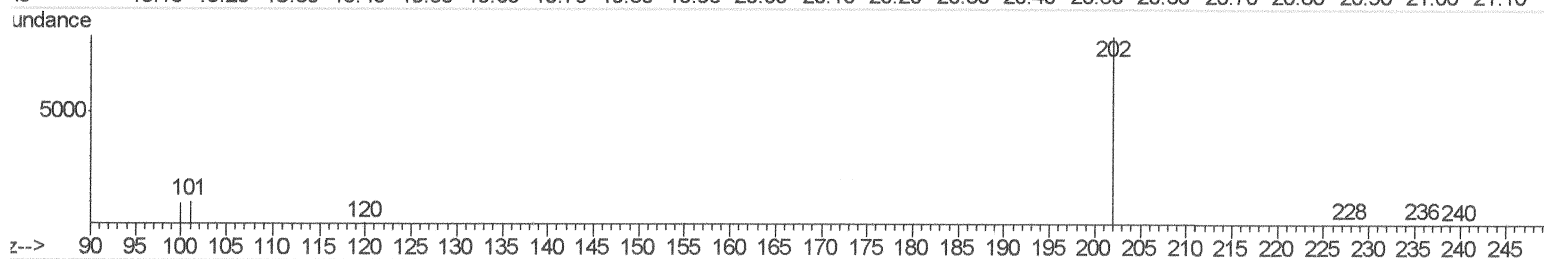
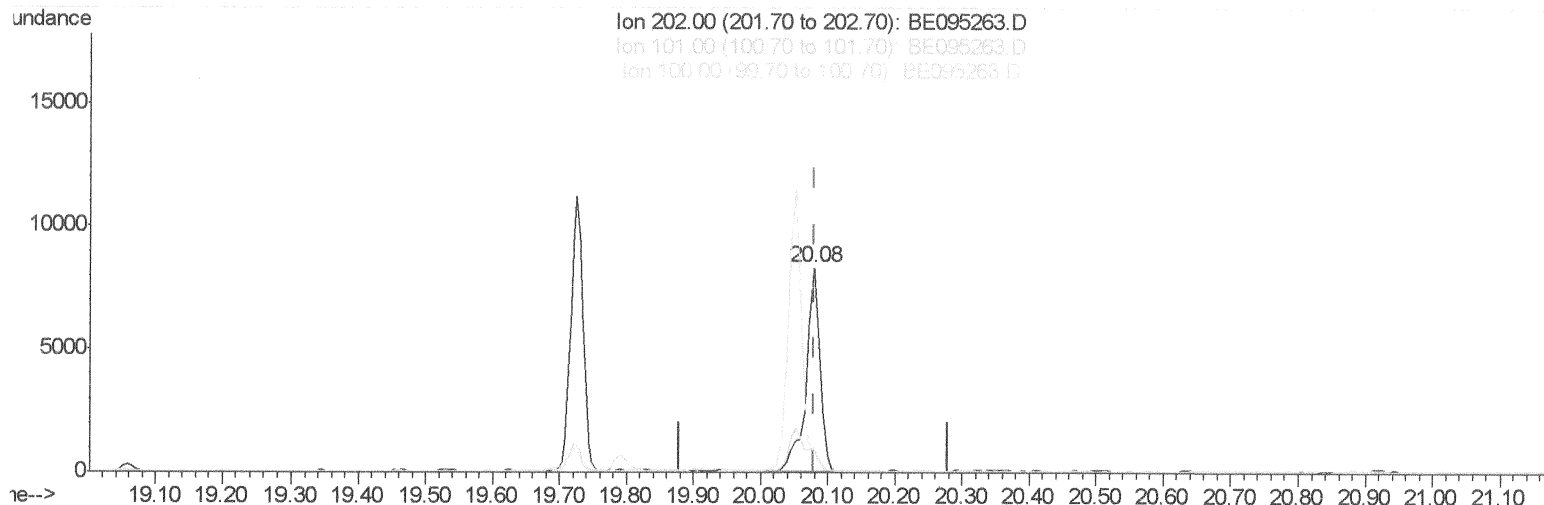
#1 Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:44:06 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

20.078min (-0.001) 0.44ng/ul

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

#1471 22.00 09.10

#2 F6B41

Client Sampled :

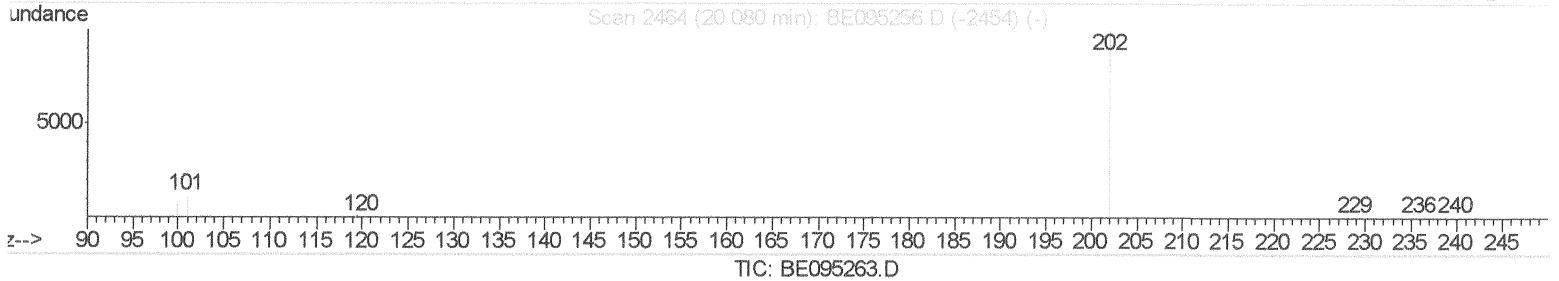
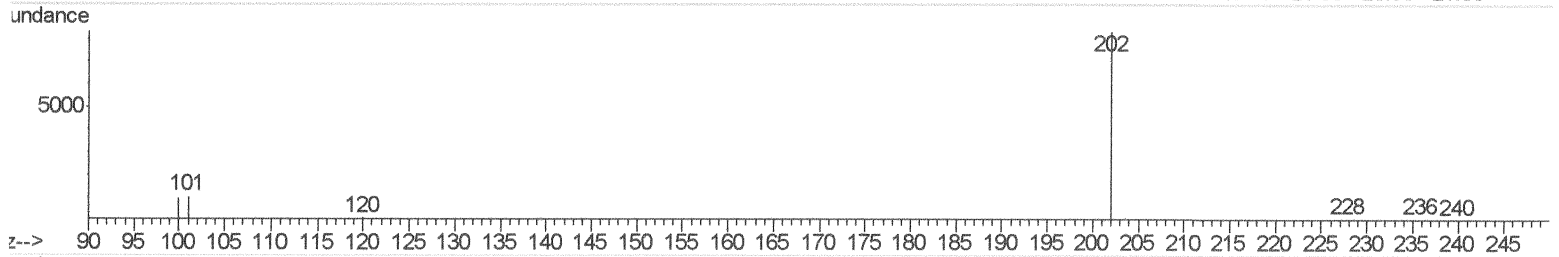
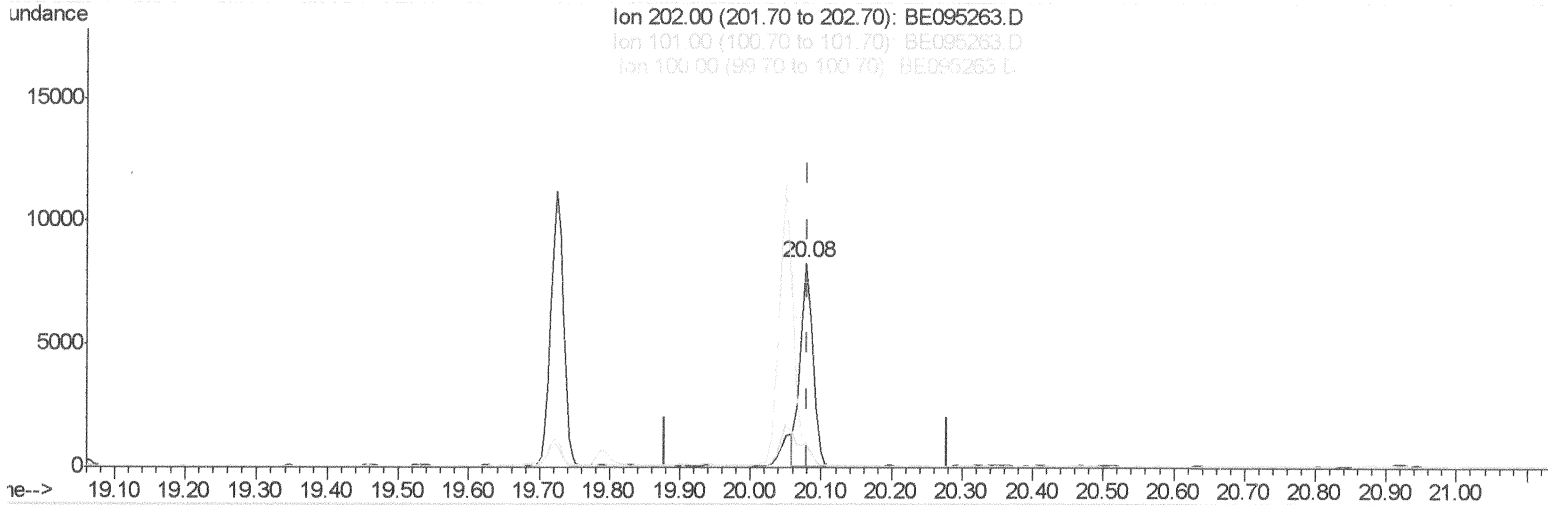
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095263.D
Acq On : 30 Jan 2018 00:57
Operator : SJ/JU
Sample : J1243-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:44:06 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

20.078min (-0.001) 0.34ng/ul m

20.078min

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

#1241#

#2

Client Sampled :

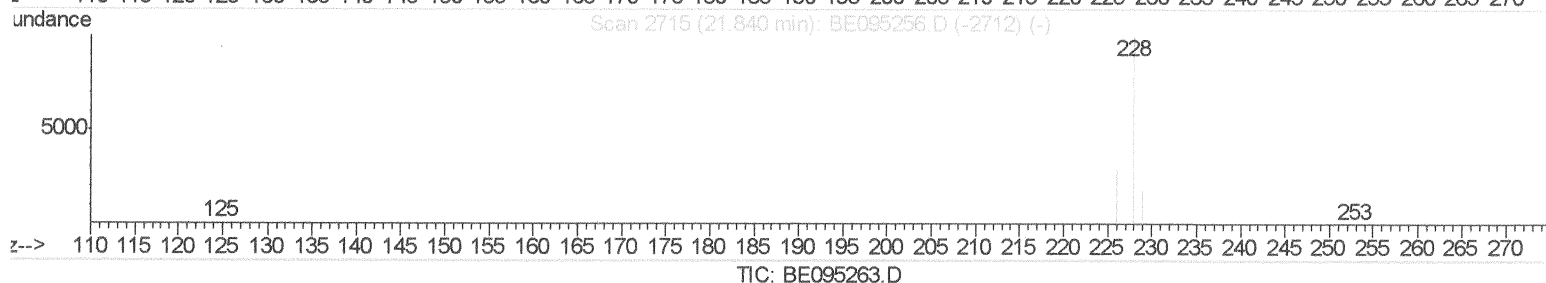
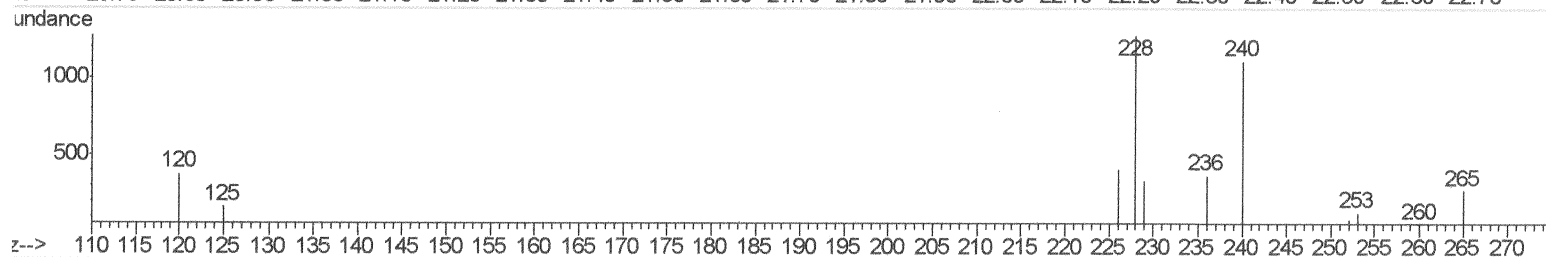
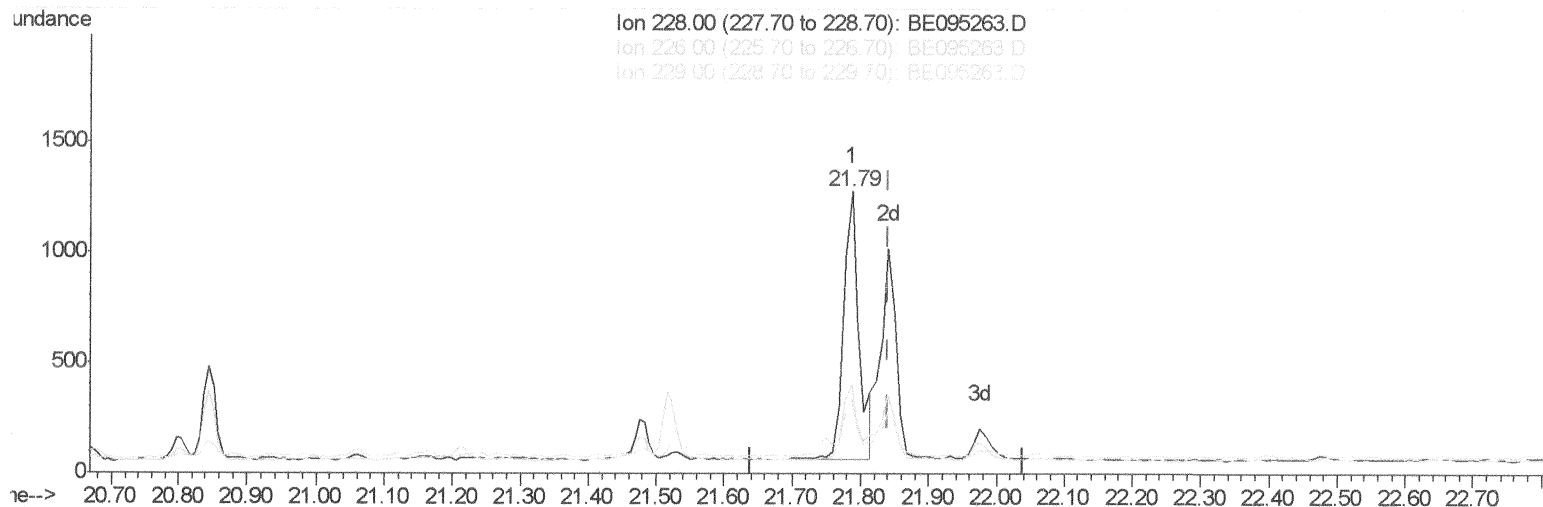
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:44:06 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



(19) Chrysene

21.786min (-0.053) 0.07ng/ul

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

22.00 21.85

F6841

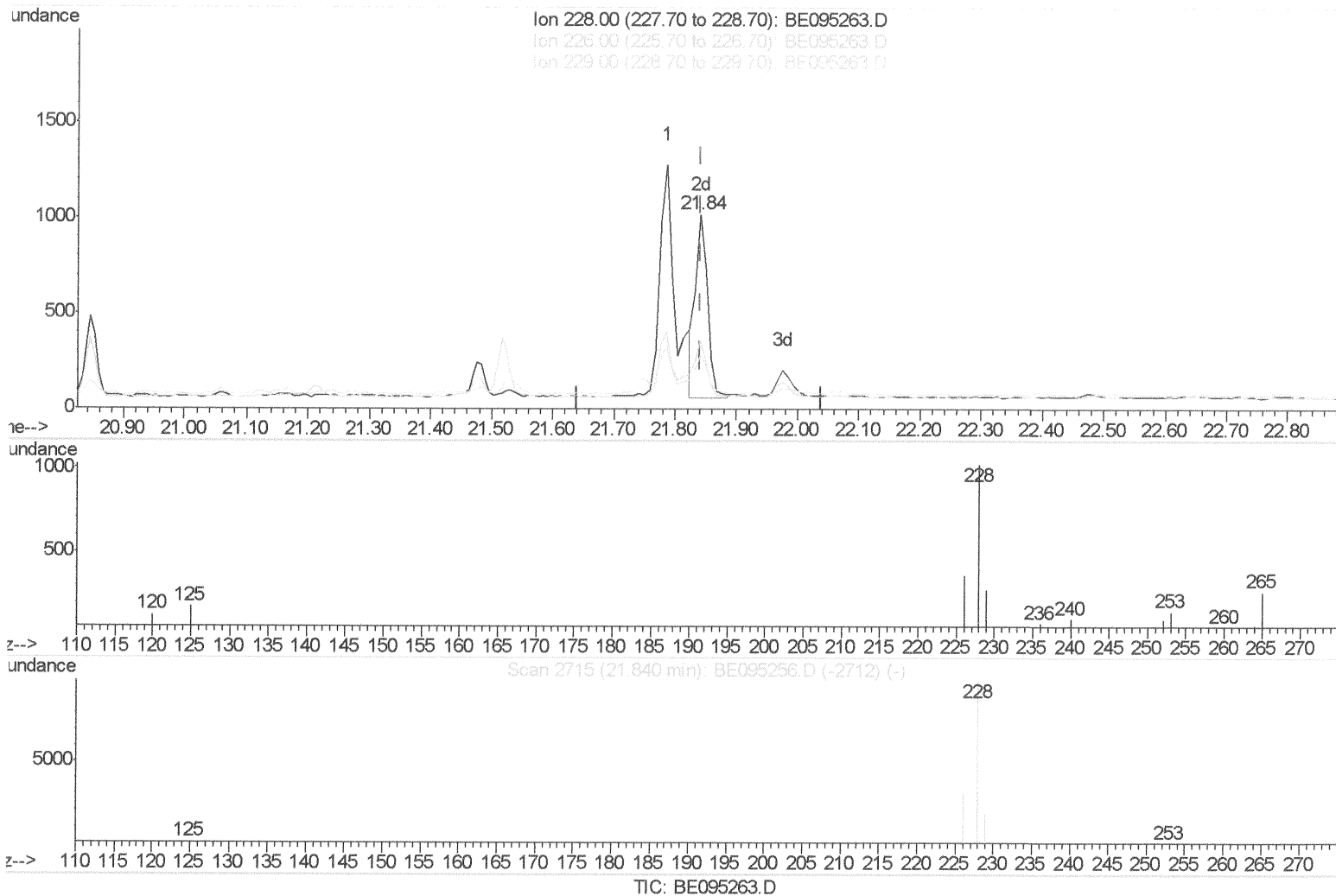
Client Sampled : 7

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:44:06 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



(19) Chrysene

21.840min (+0.001) 0.05ng/ul m

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

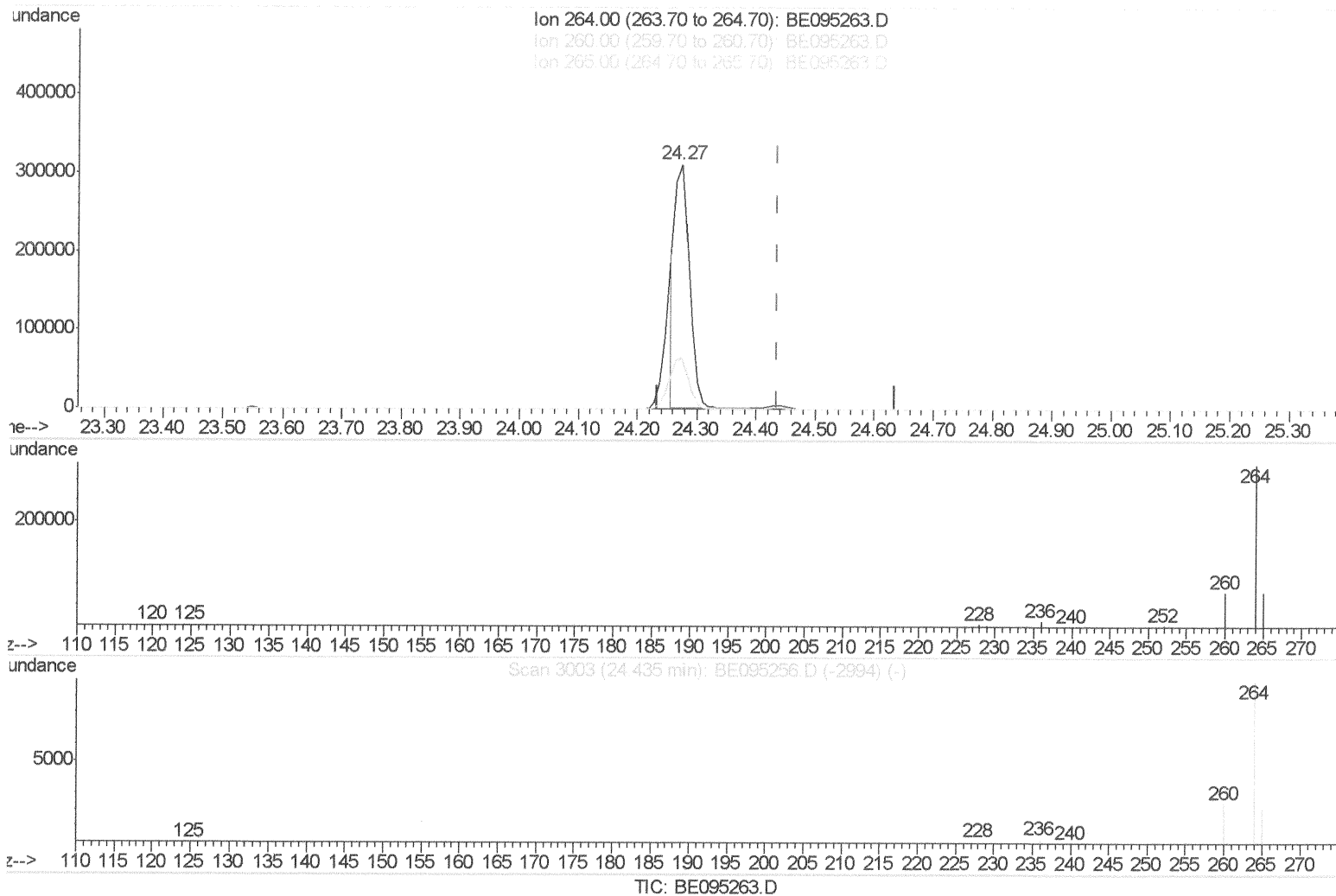
#1 Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:44:06 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 (-0.162) 0.40ng/ul

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

#6017 01.06 20.09

F6B41

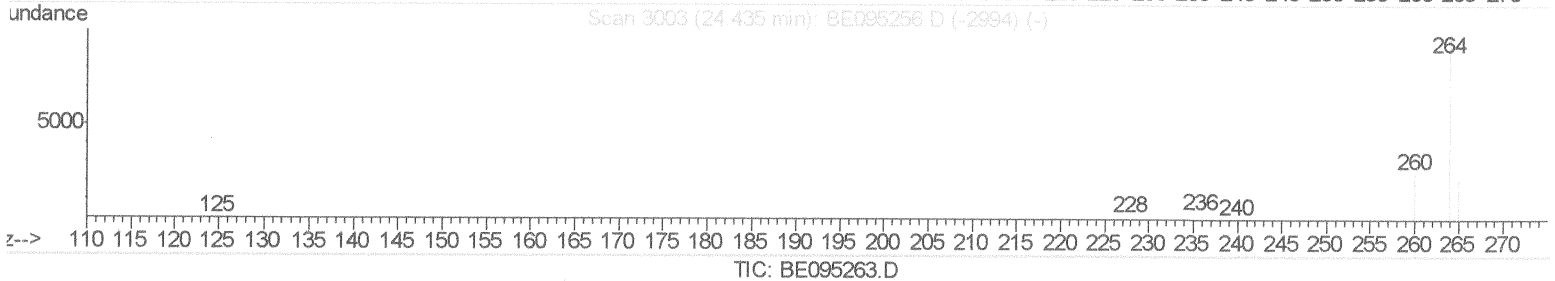
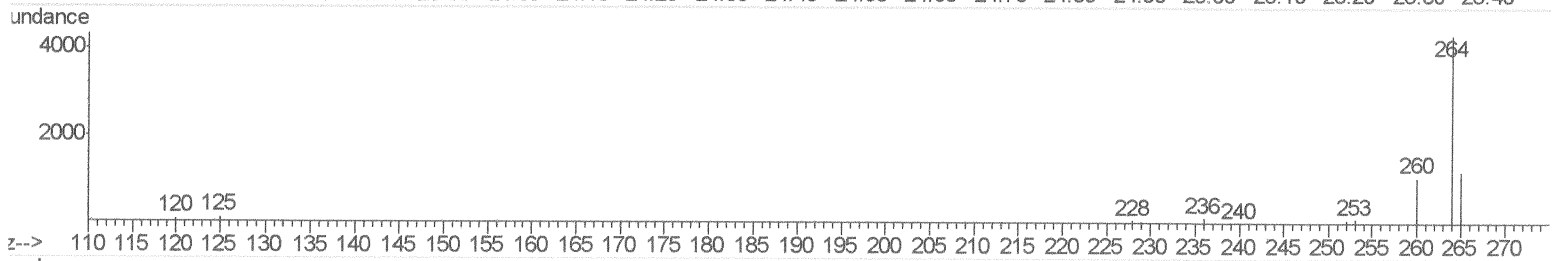
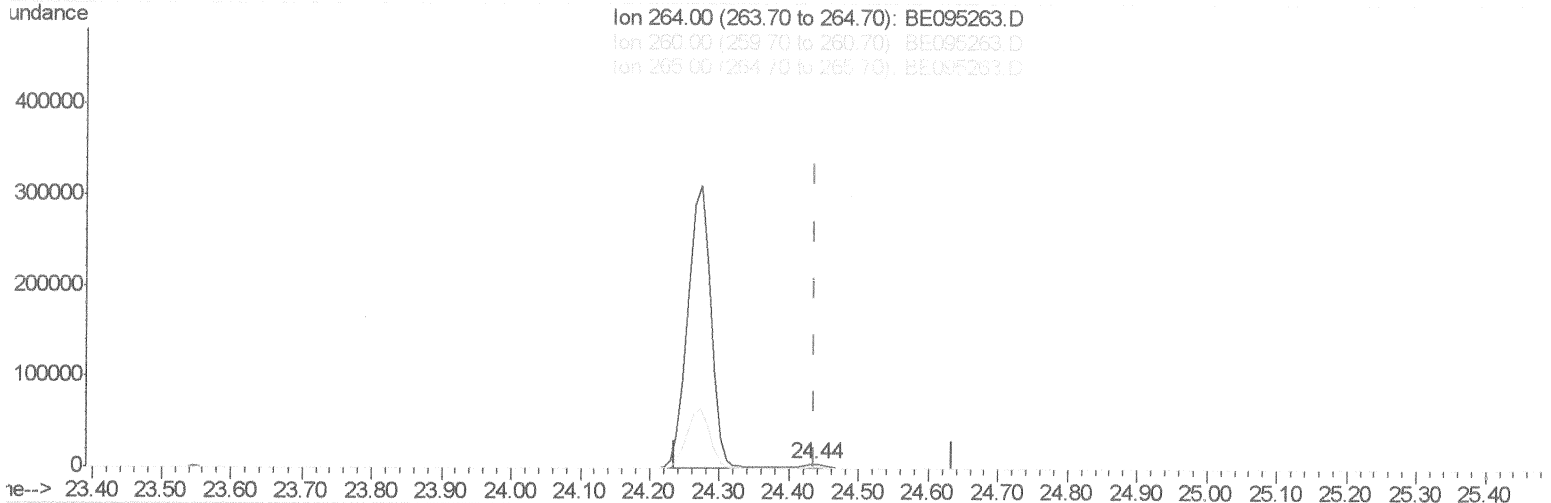
#14 Client Sampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095263.D
Acq On : 30 Jan 2018 00:57
Operator : SJ/JU
Sample : J1243-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:44:06 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

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

25.7 25.00 25.02

F6841

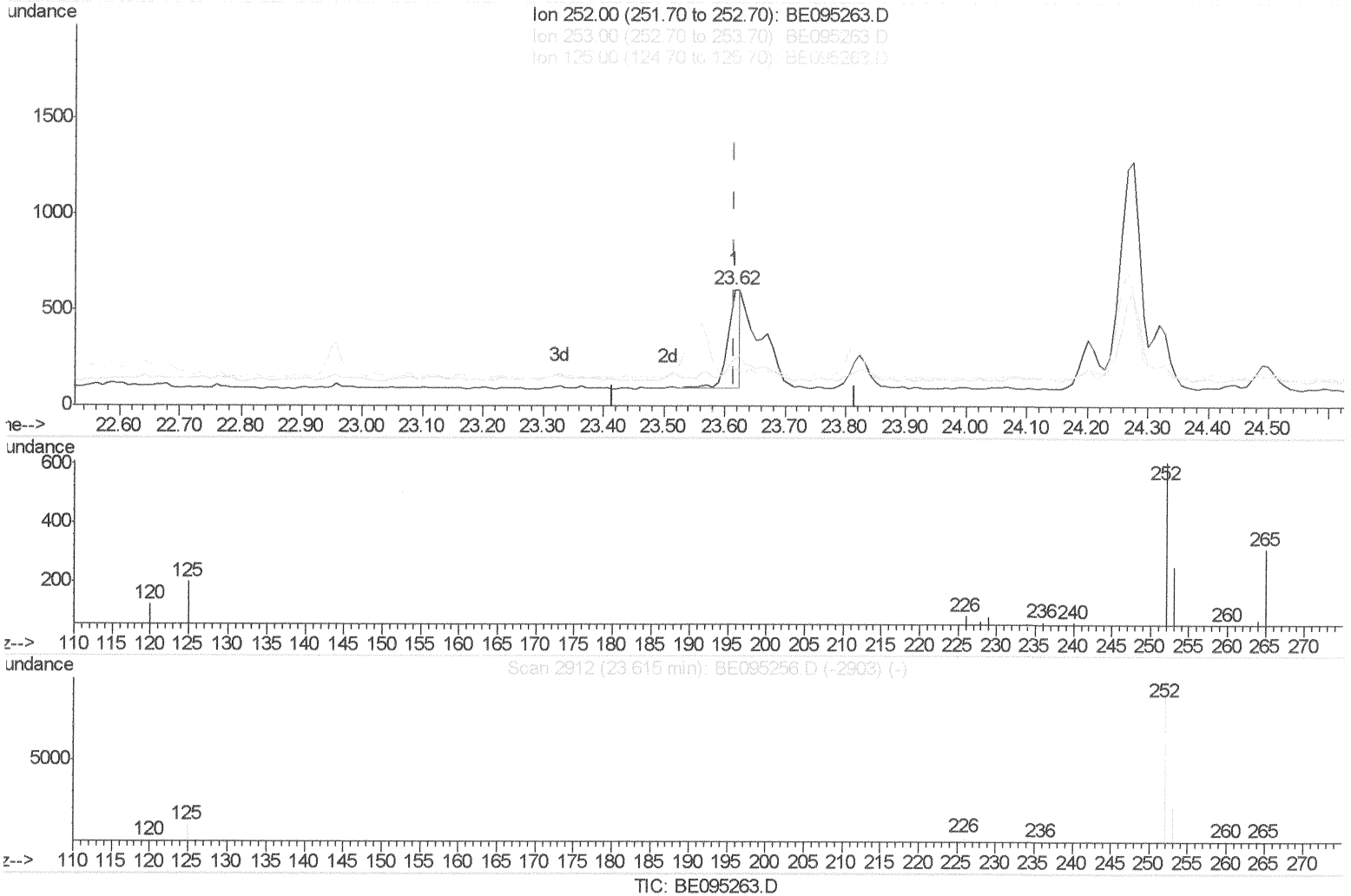
#64 Client Sampled :

BNA_E
Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095263.D
Acq On : 30 Jan 2018 00:57
Operator : SJ/JU
Sample : J1243-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:45:22 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

23.616min (+0.001) 0.03ng/ul

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

253.00 32.10 41.28

F6841

Client Sample: 3

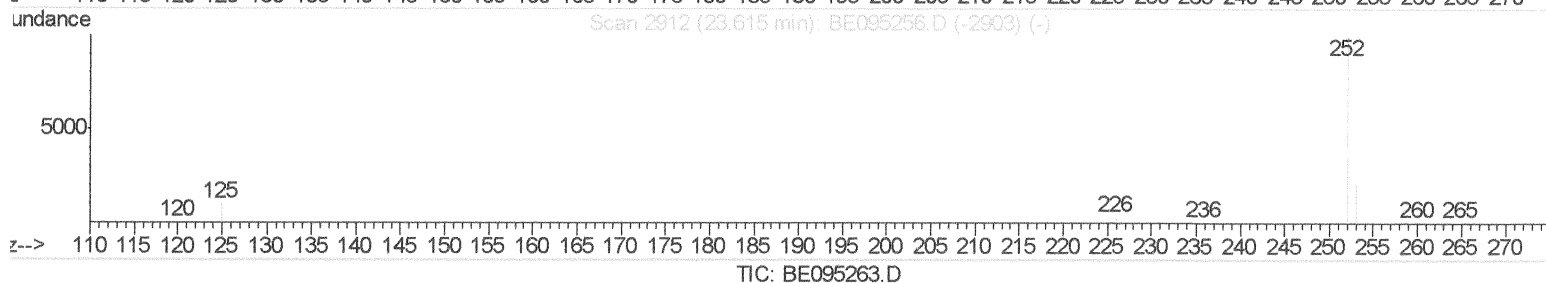
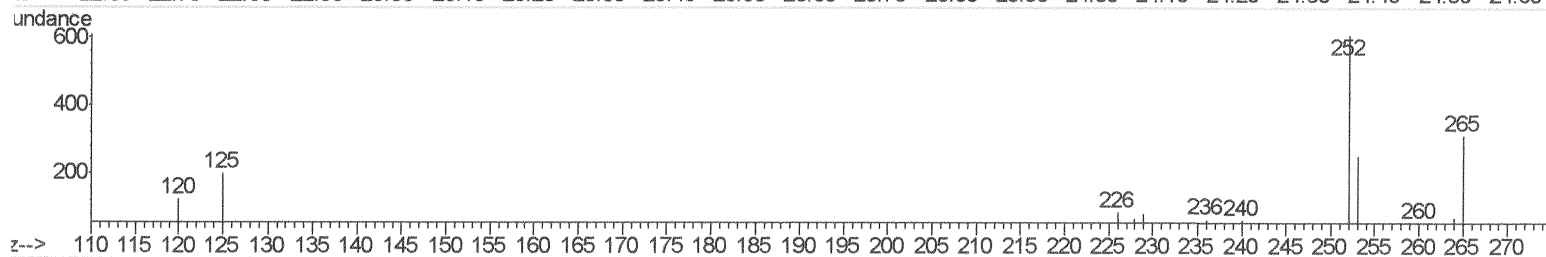
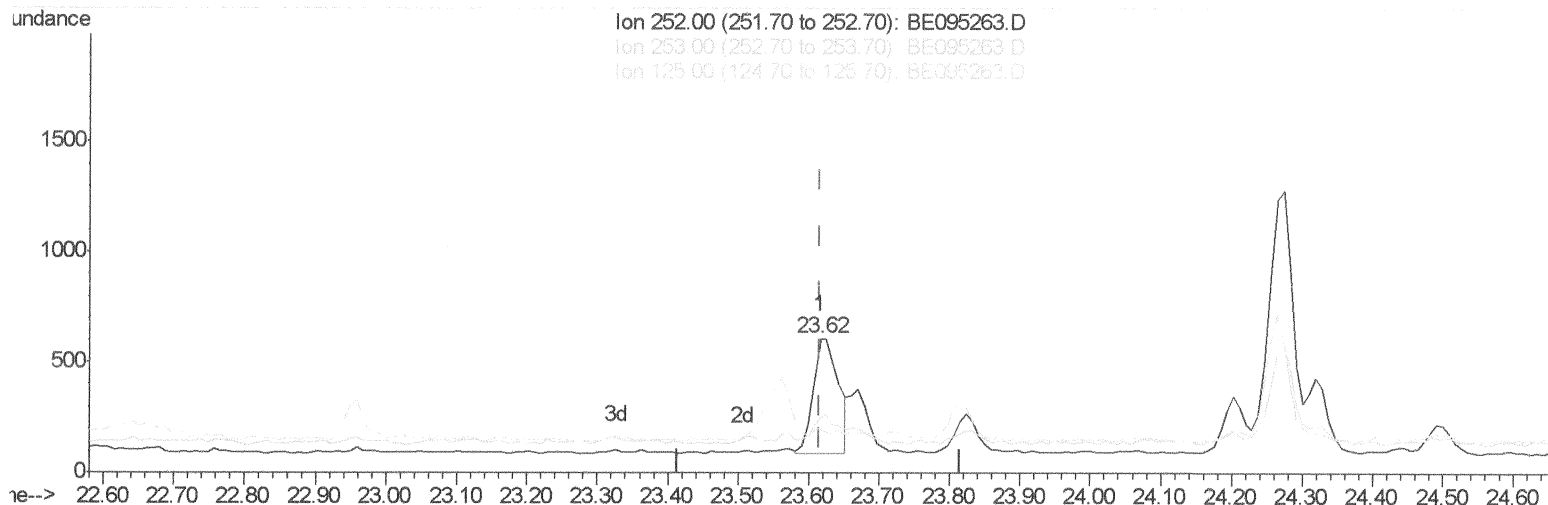
BNA_E

Instrument:

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:45:22 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

23.616min (+0.001) 0.05ng/ul m

2002/01/18

1/30/2018 3:32:51 PM
 Sohll

Manual Integrations
 APPROVED

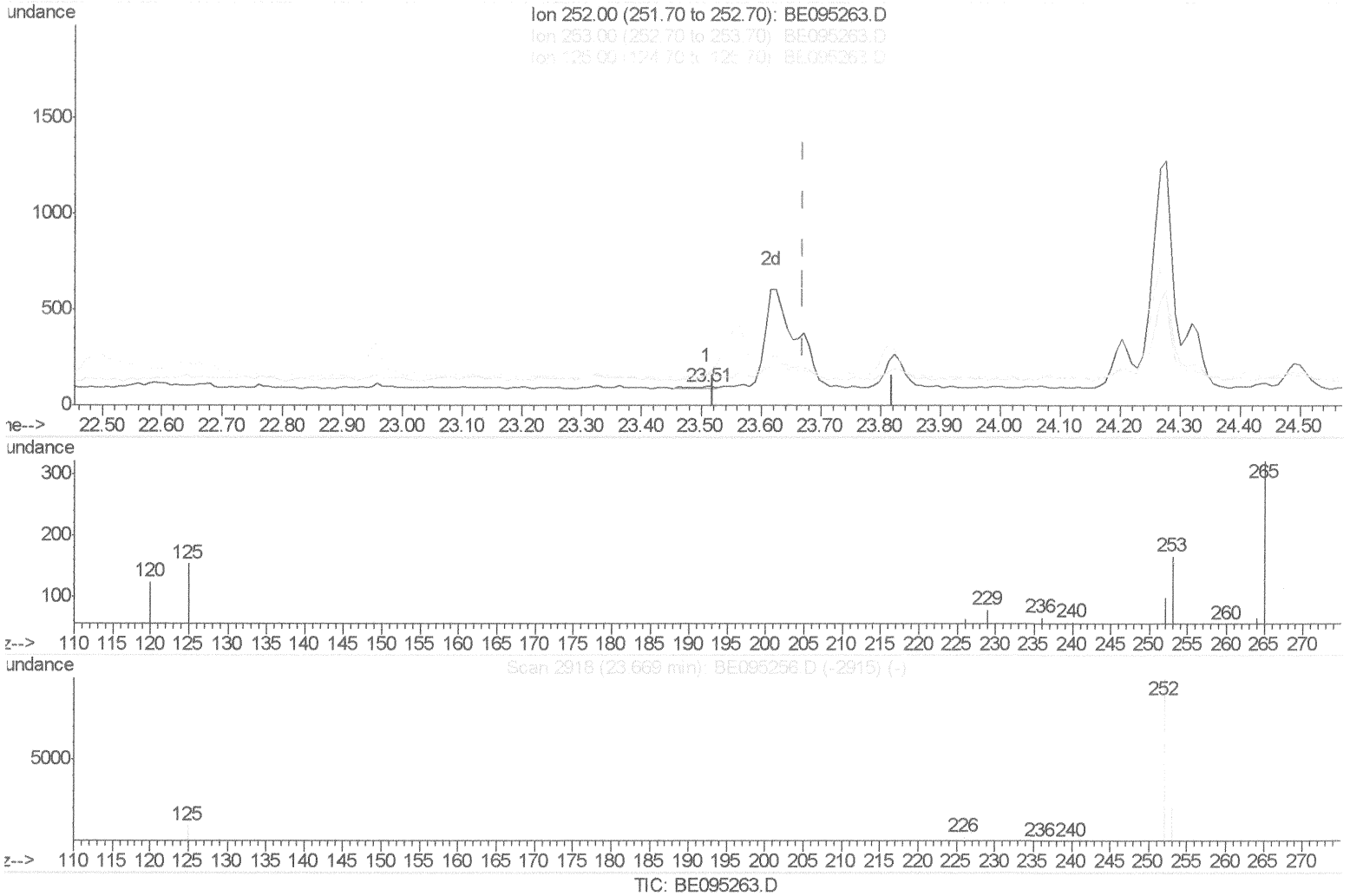
253.00 32.10 41.28

Client Sampled :
 BNA_E
 Instrument :
 F6841

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:45:22 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
 23.508min (-0.162) 0.00ng/ul

1/30/2018 3:32:51 PM
 Sohll

Manual Integrations
 APPROVED

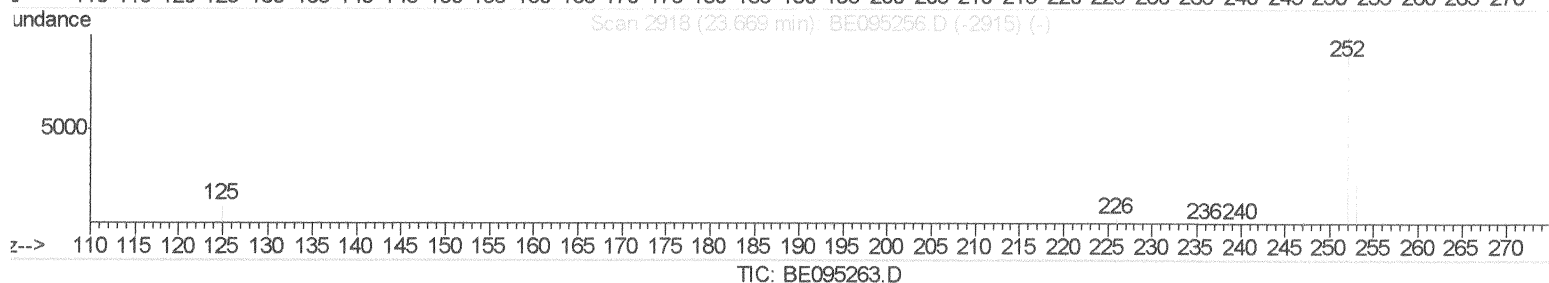
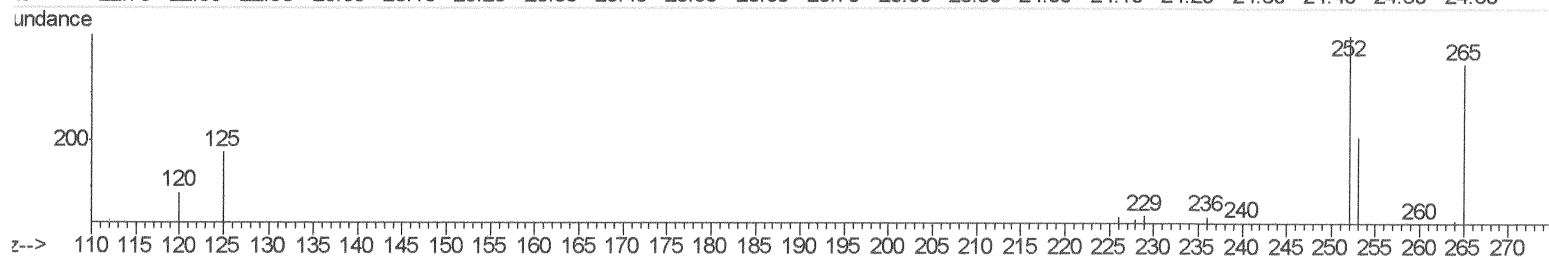
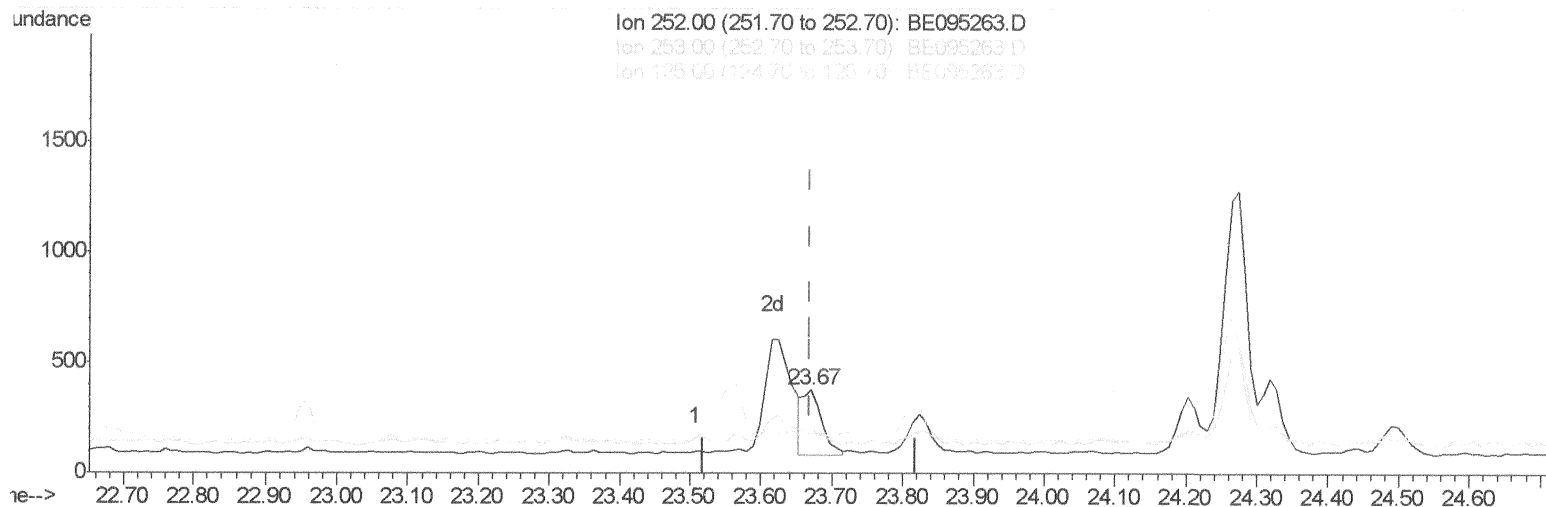
#89.00 30.60 167.68#

F6B41
 #75 Client Sample:
 BNA_E
 Instrument:

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:45:22 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) 0.02ng/ul m

Beckman

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

#838 253.00 30.00 54.38

F6841

#8 Client Sampled :

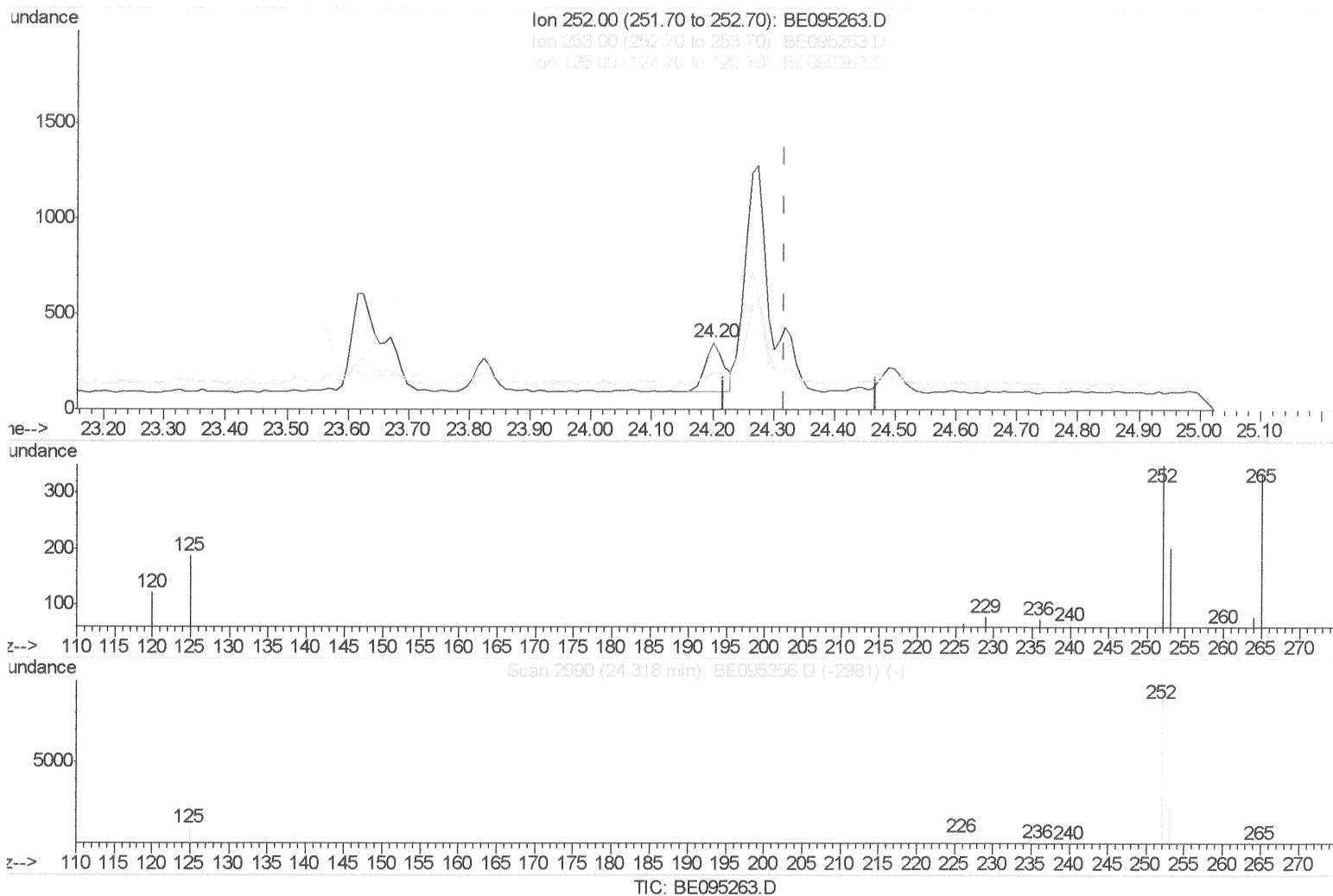
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:45:22 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)

24.201min (-0.116) 0.02ng/ul

1/30/2018 3:32:51 PM
 Sohll

Manual Integrations
 APPROVED

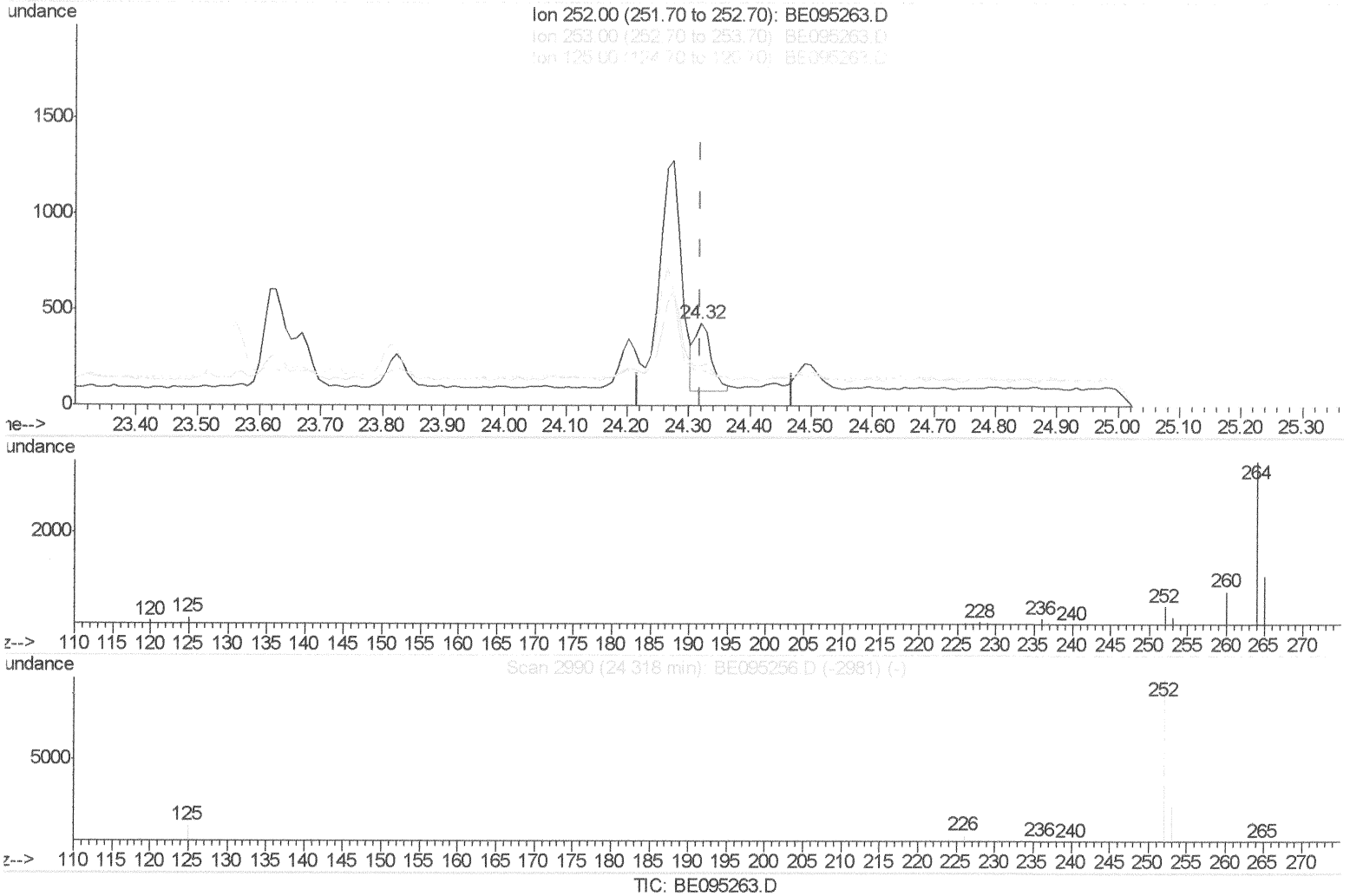
#3743 00:00:00

Instrument :
 BNA_E
 Client Sampled :
 #3743
 F6841

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:45:22 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) 0.03ng/ul m

24.319min

1/30/2018 3:32:51 PM
 Sohll

Manual Integrations
 APPROVED

Instrument : BNA_E
 Client Sampled : #6
 F6B41

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095263.D
 Acq On : 30 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1243-18
 Disc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 06:47:48 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	2197	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6474	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4147	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8547m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9060	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8184m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	3868	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	10588	0.32	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	76429	4.216	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	18784	1.552	ng/ul	100
8) Acenaphthene	15.08	153	10854	0.701	ng/ul	93
9) Fluorene	16.02	166	7159	0.448	ng/ul#	74
11) Pentachlorophenol	17.36	266	1067	0.645	ng/ul	96
12) Phenanthrene	17.75	178	32428	1.128	ng/ul#	88
13) Anthracene	17.85	178	4199	0.160	ng/ul#	93
15) Fluoranthene	19.72	202	14231	0.382	ng/ul	84
17) Pyrene	20.08	202	10407m	0.342	ng/ul	88
18) Benzo(a)anthracene	21.79	228	2142	0.076	ng/ul#	88
19) Chrysene	21.84	228	1337m	0.045	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	1354m	0.047	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	554m	0.021	ng/ul	
23) Benzo(a)pyrene	24.32	252	686m	0.027	ng/ul	

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

1/30/2018 3:32:51 PM

Sohil

APPROVED

Manual Integrations

F6B41

Client Sampled :

BNA_E

Instrument :