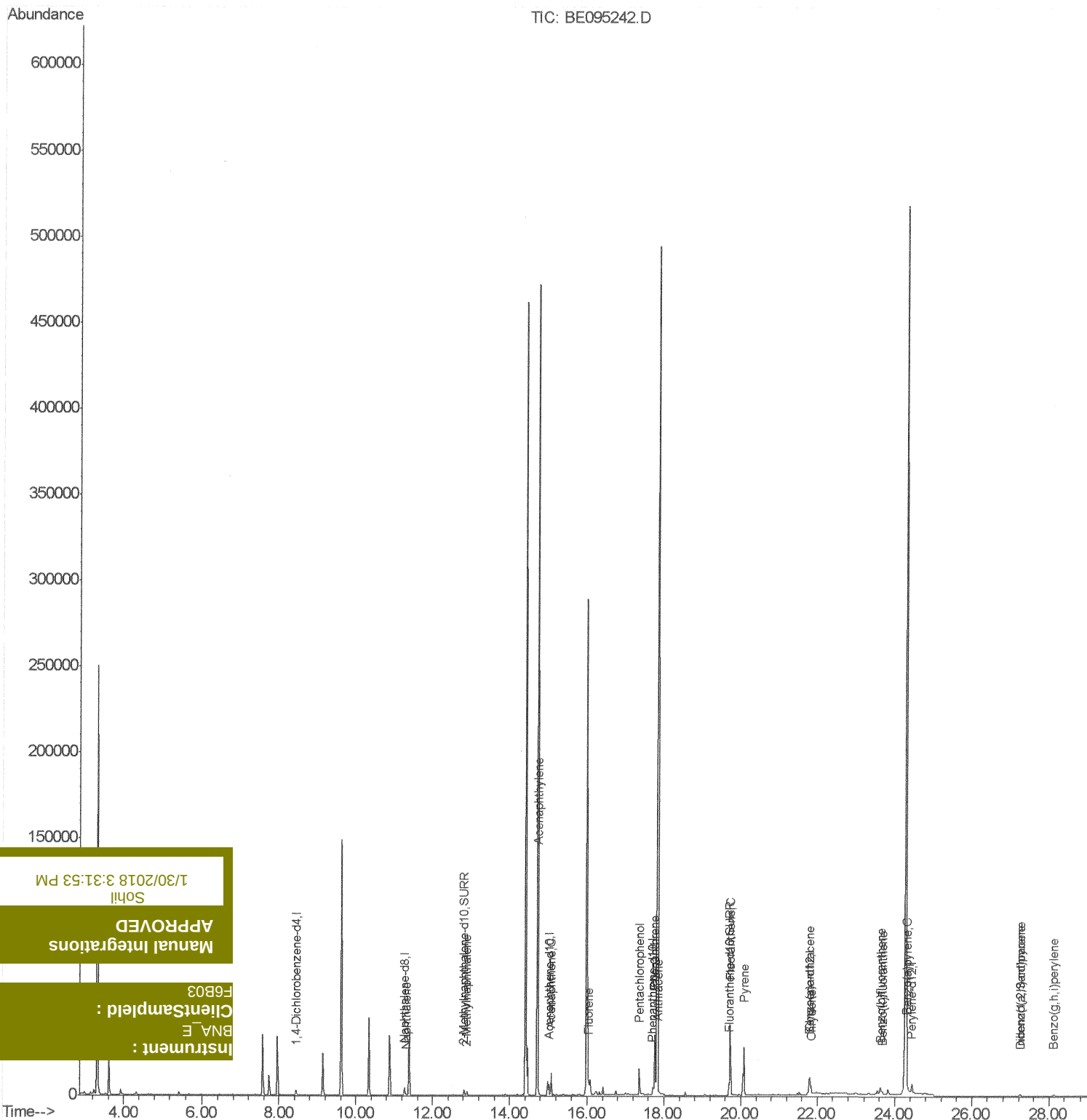


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

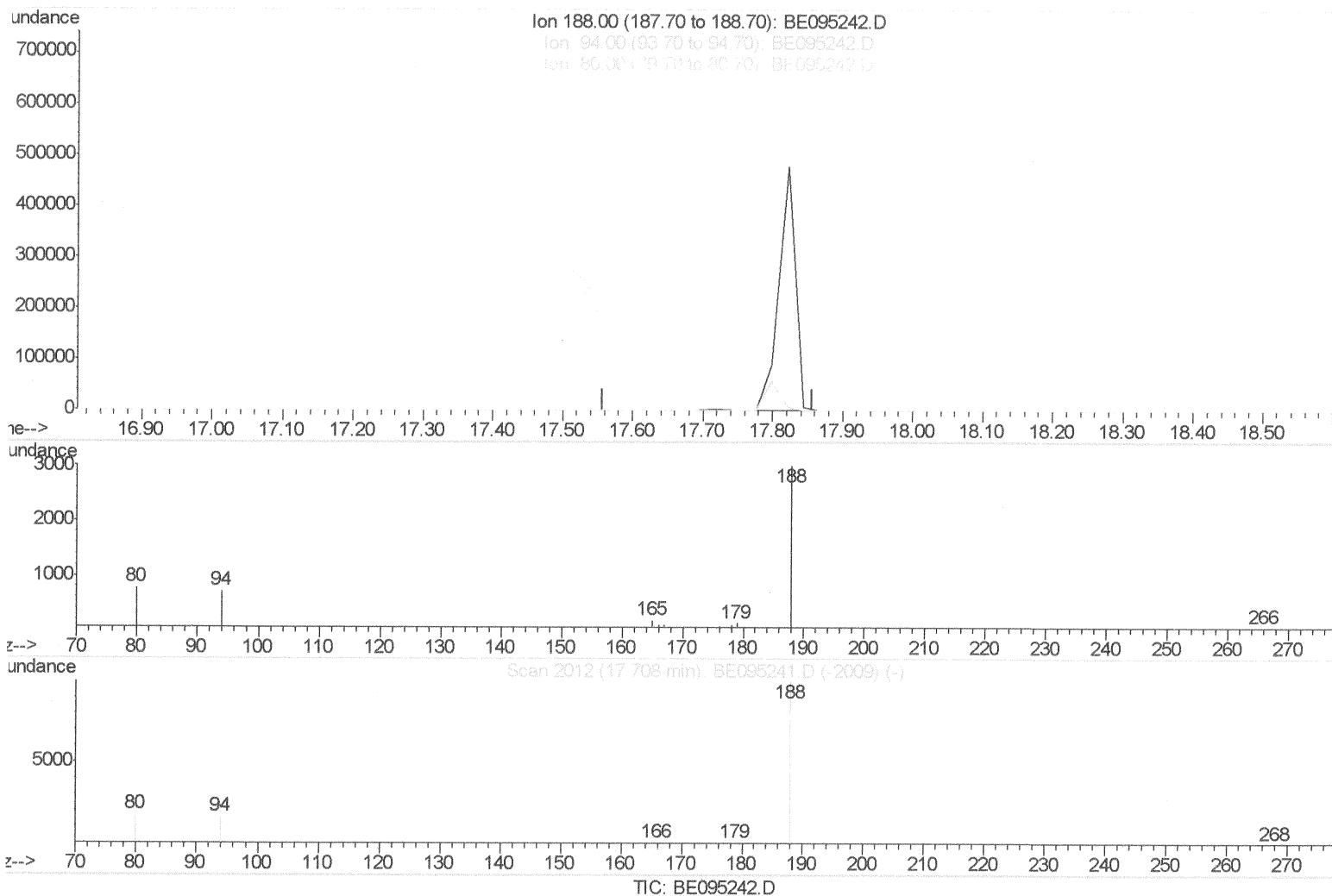
Quant Time: Jan 30 04:53:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:44:03 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 3:31:53 PM
 Sohll

Manual Integrations
 APPROVED

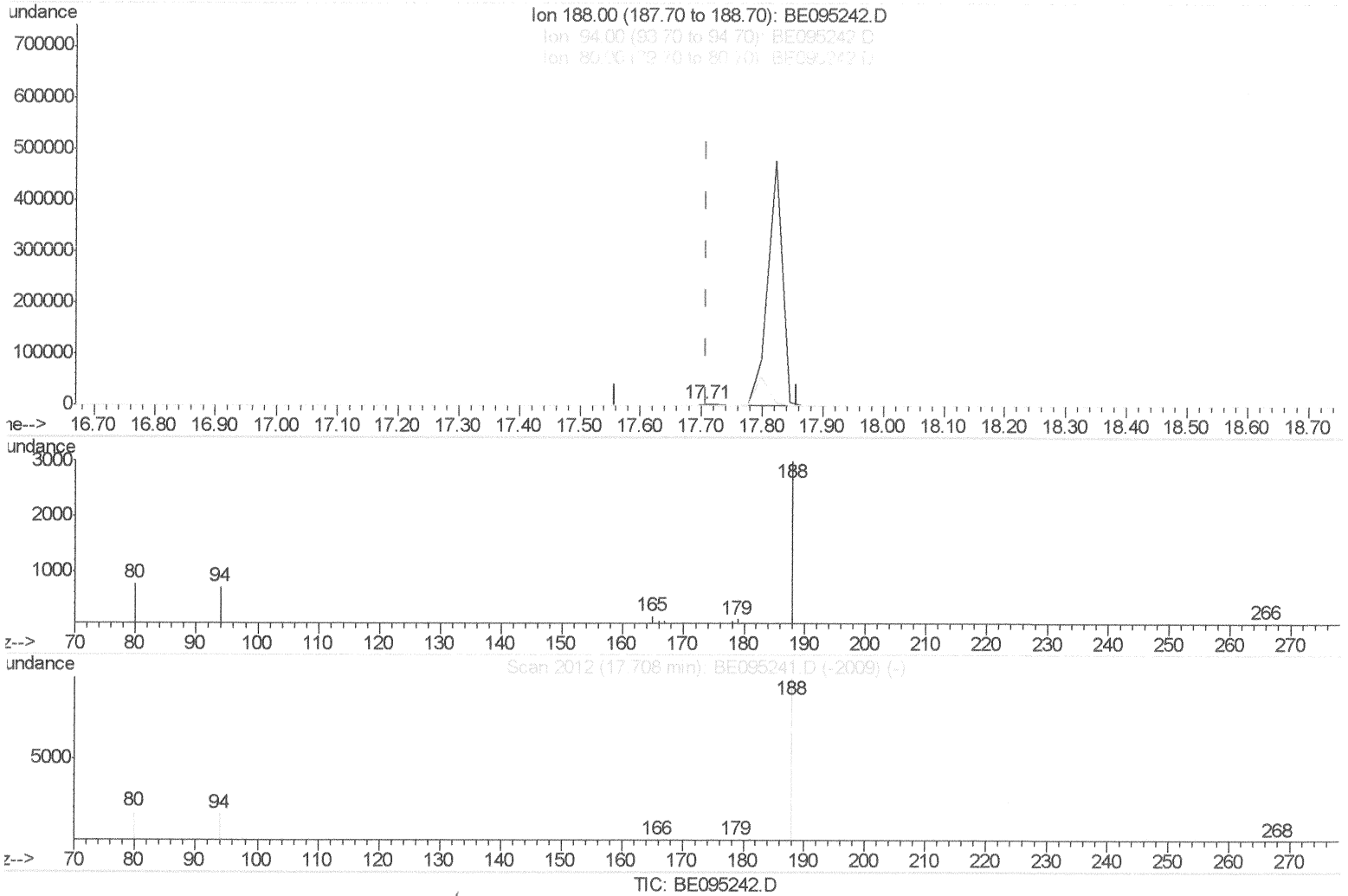
#00.0 00.11 00.46

Instrument : BNA_E
 #ClientSampled : F6B03

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:44:03 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)

17.706min (-0.002) 0.40ng/ul m

3402/01/12

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

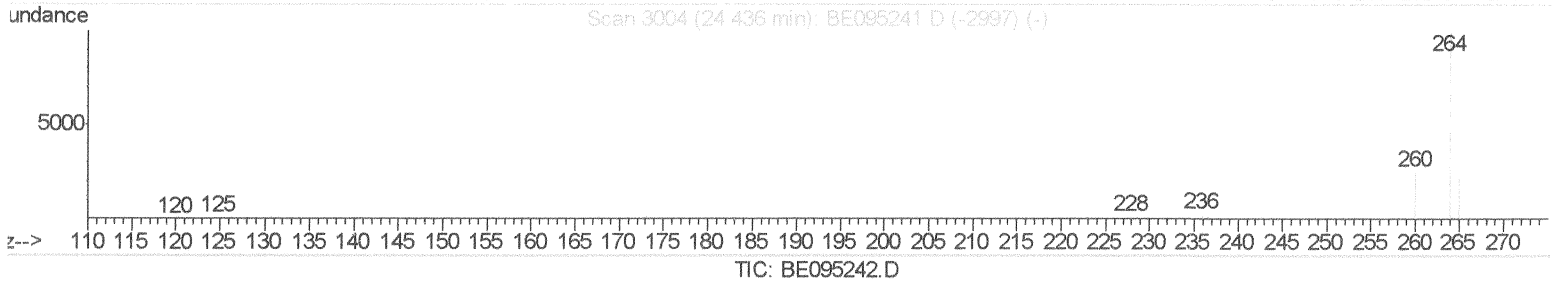
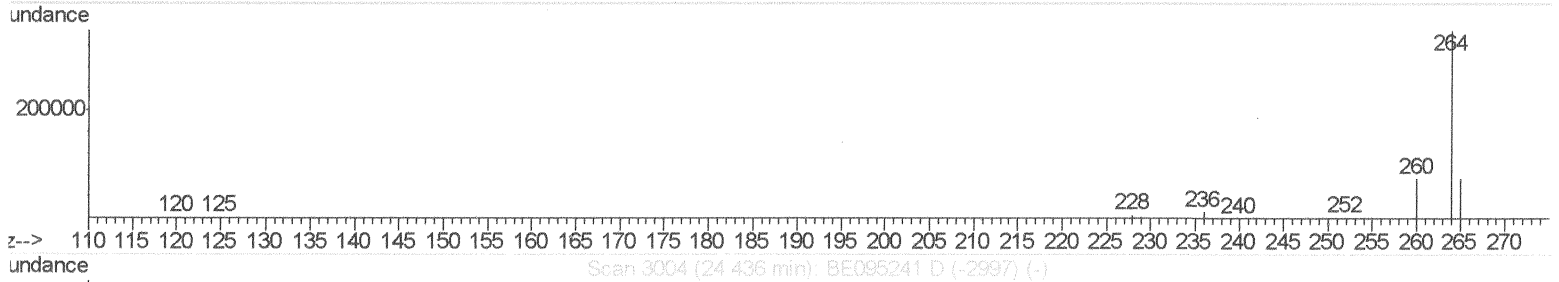
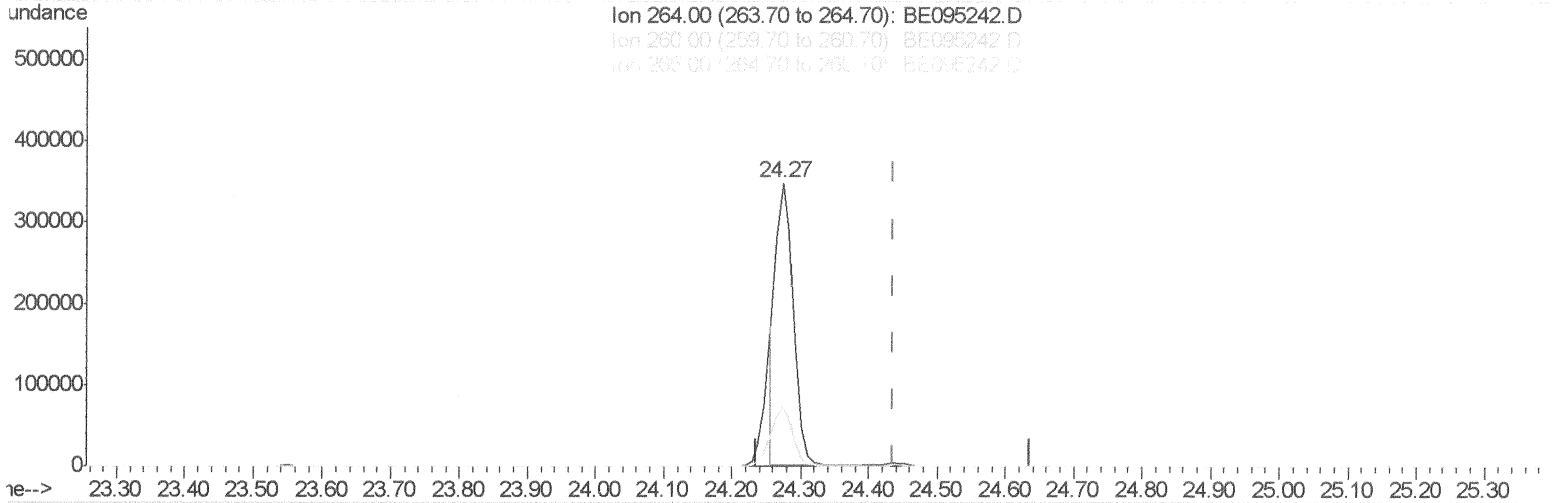
Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:50:54 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 04:43:36 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.273min (-0.162) 0.40ng/ul

1/30/2018 3:31:53 PM
 Sohll

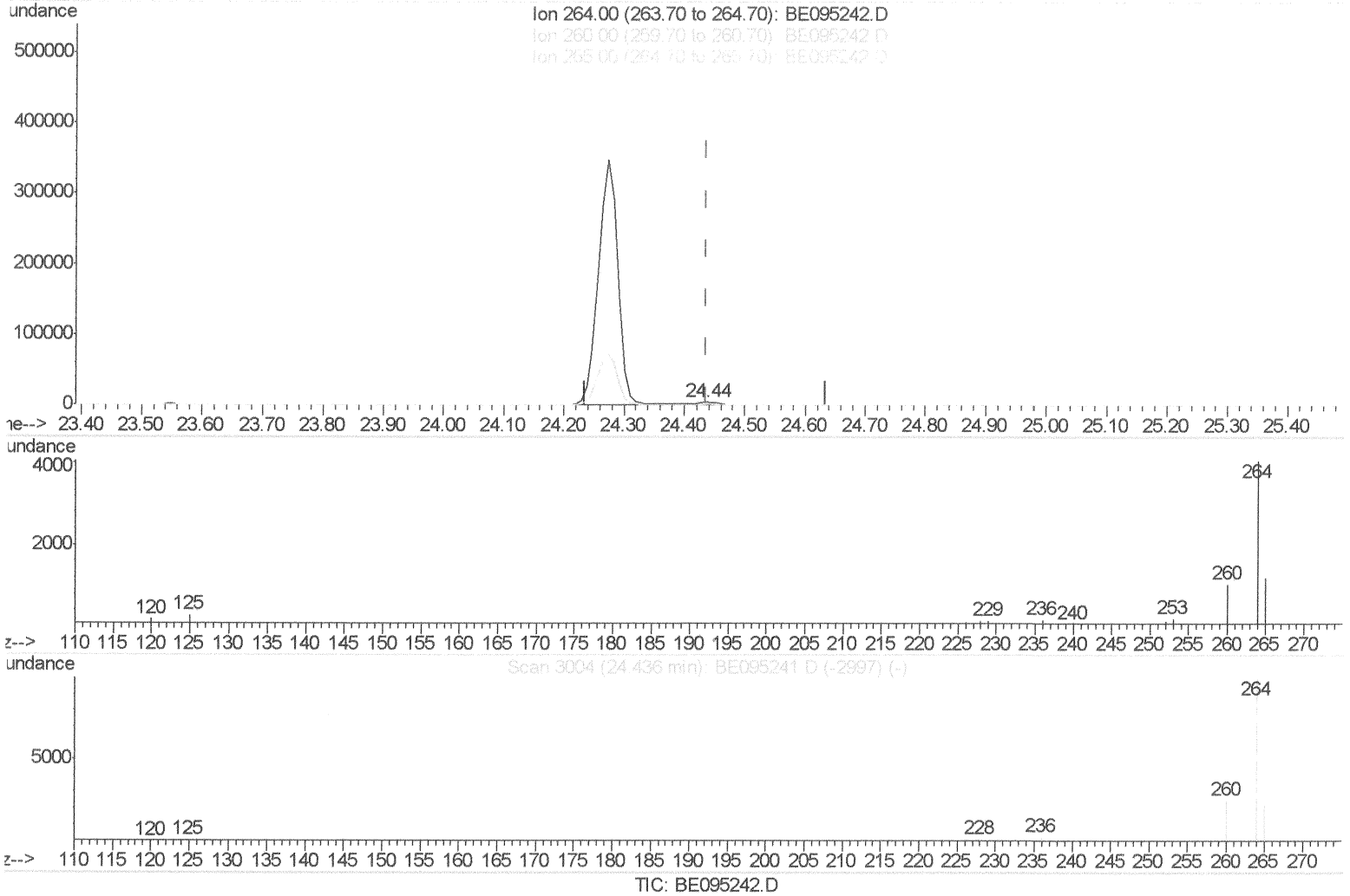
Manual Integrations
 APPROVED

Instrument : BNA_E
 ClientSampled : #08
 F6B03

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:50:54 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 04:43:36 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.436min (+0.000) 0.40ng/ul m

Handwritten signature/initials

1/30/2018 3:31:53 PM
 Sohll

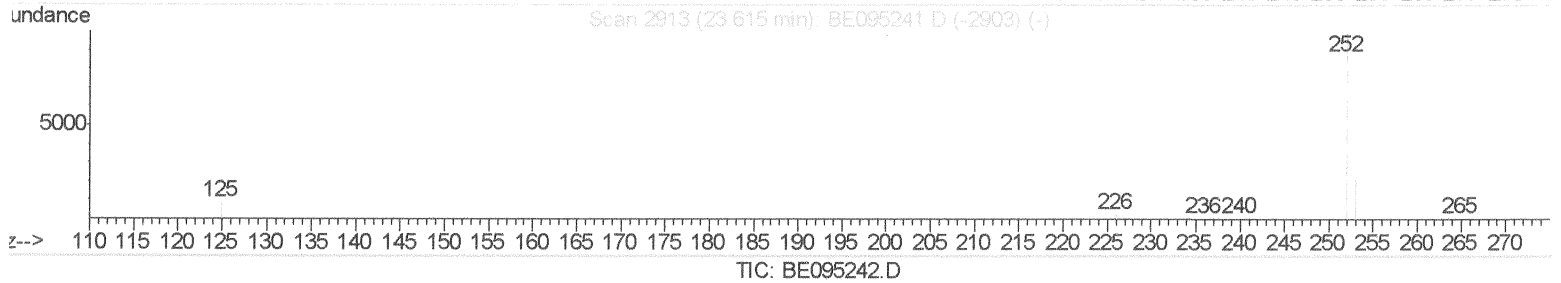
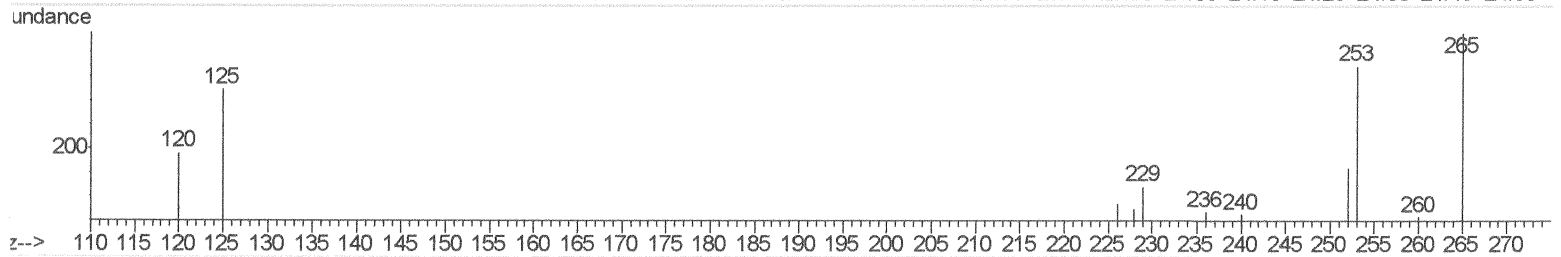
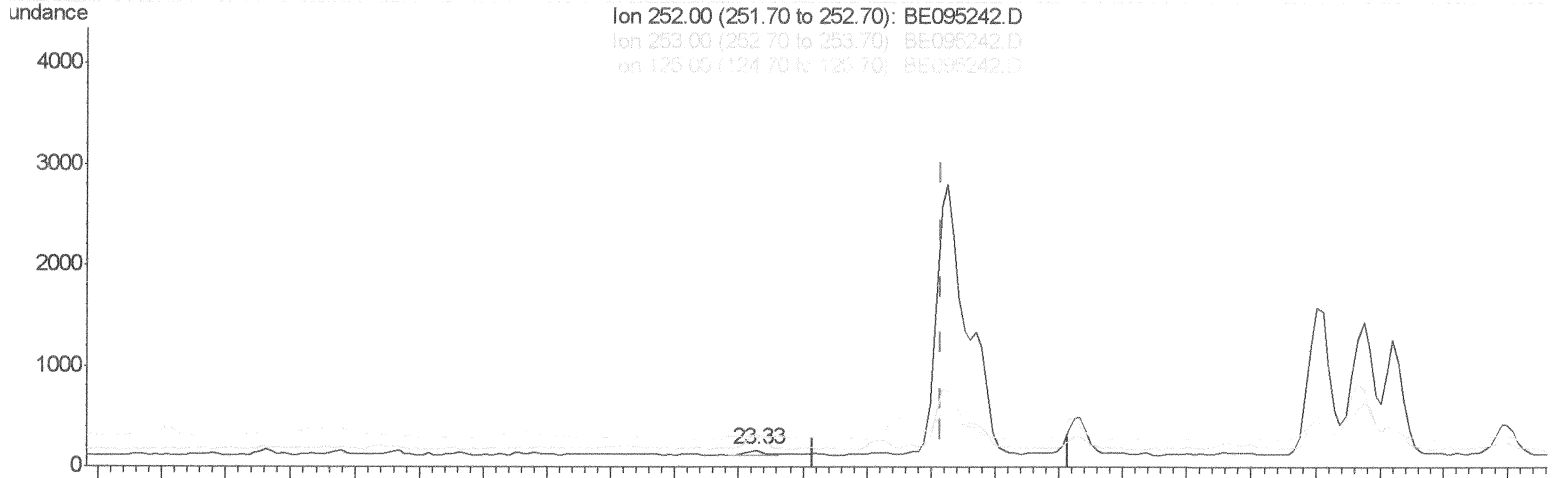
Manual Integrations
 APPROVED

Instrument :
 BNA_E
 ClientSampled :
 #48F6B03

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



(21) Benzo(b)fluoranthene
 23.327min (-0.288) 0.00ng/ul

1/30/2018 3:31:53 PM
 Sohll

Manual Integrations
 APPROVED

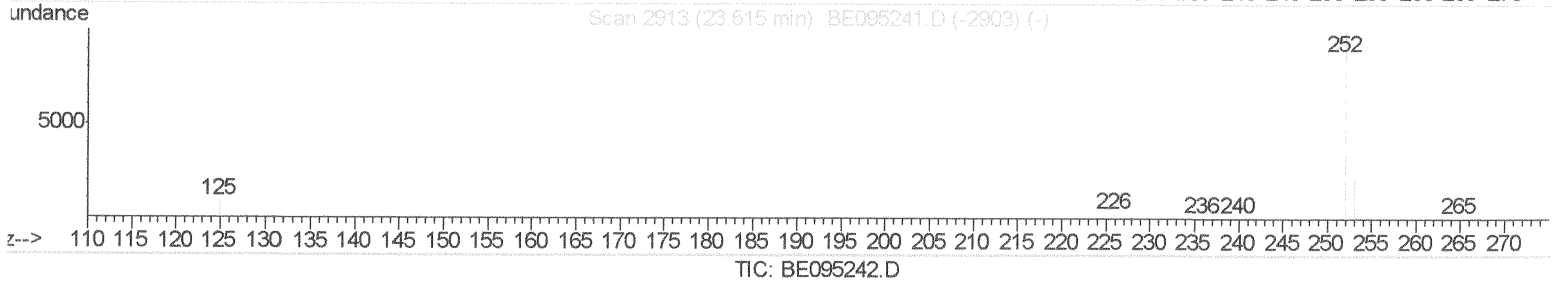
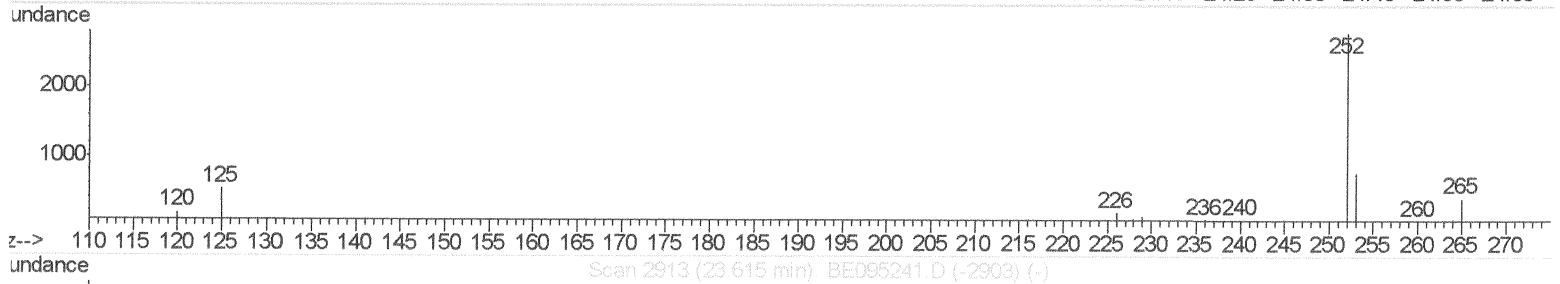
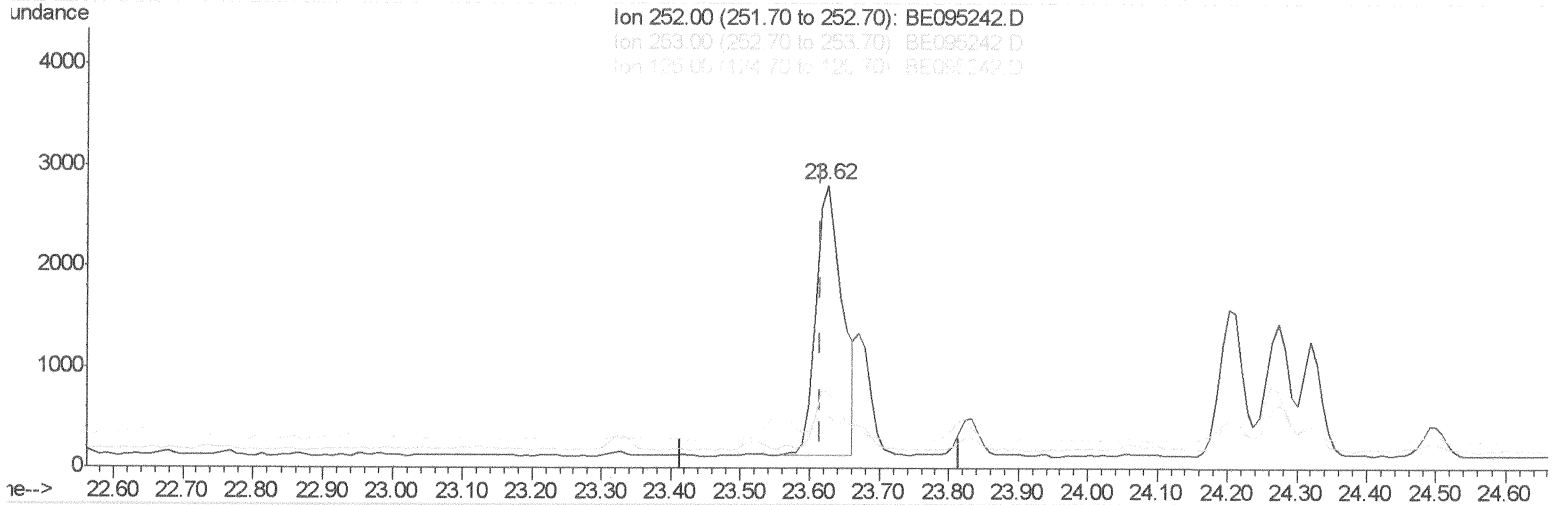
202.40#

Instrument :
 BNA_E
 Client Sampled :
 #44
 F6B03

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



(21) Benzo(b)fluoranthene

23.625min (+0.009) 0.28ng/ul m

Handwritten signature: JU 02/01/18

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

Client Sampled : 7

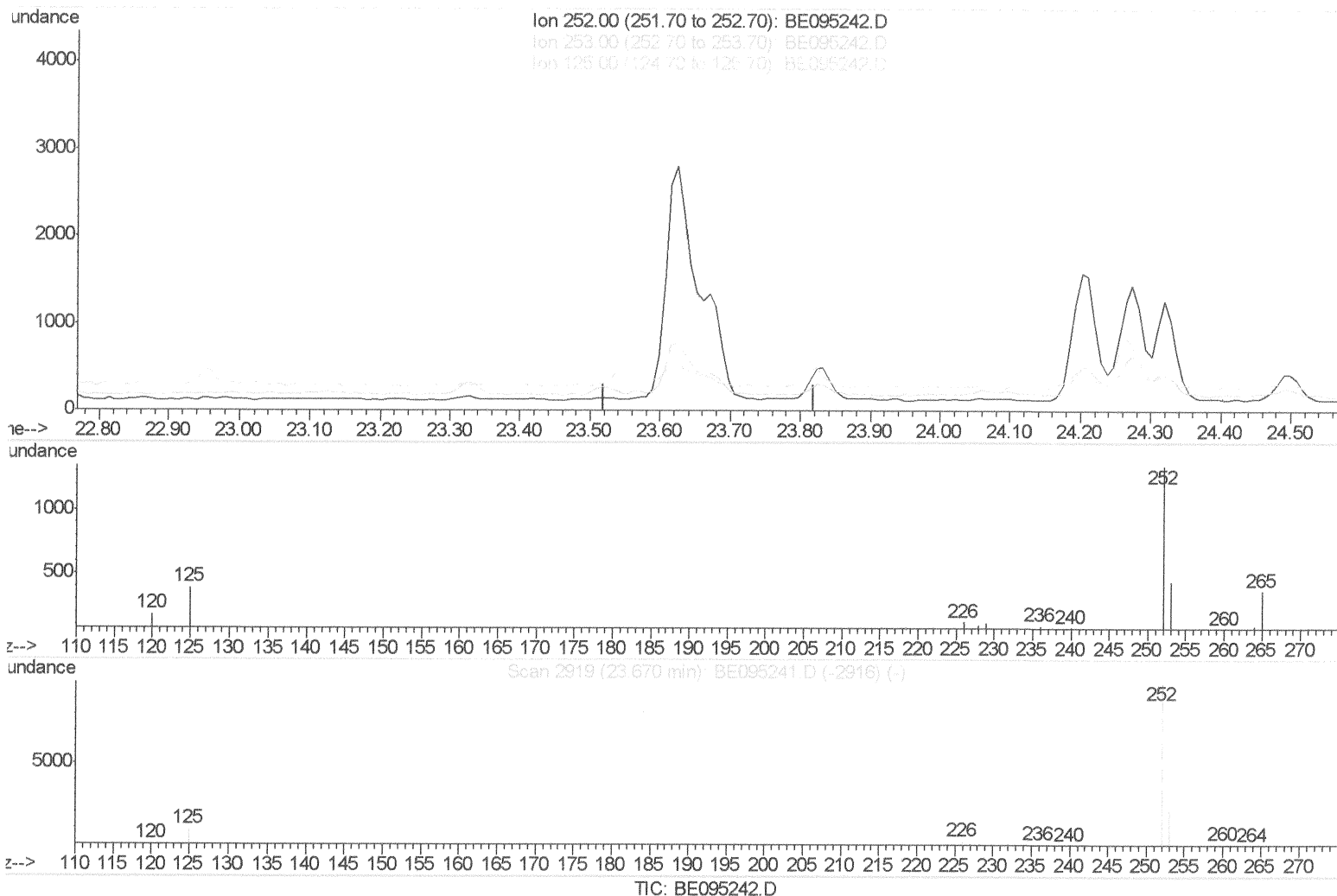
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

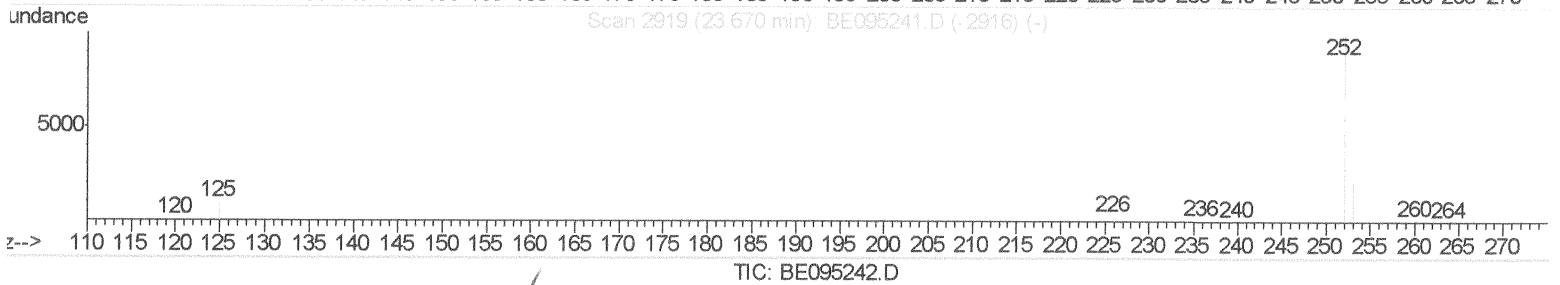
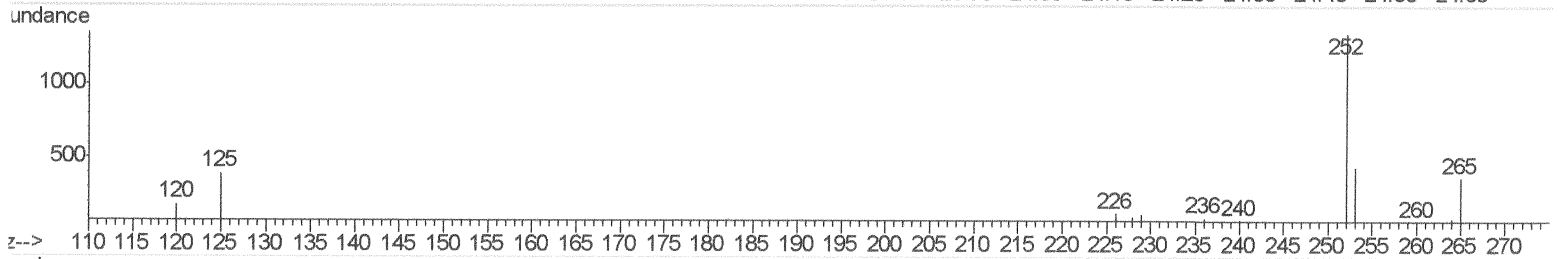
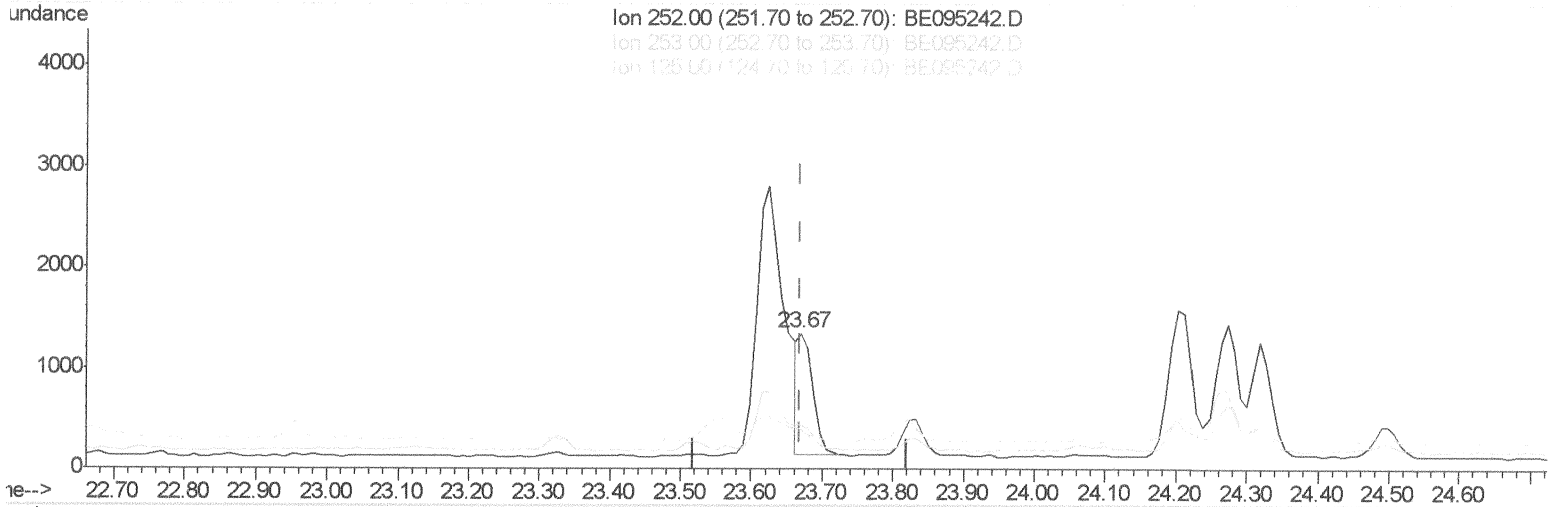
#ClientSampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095242.D
Acq On : 29 Jan 2018 12:21
Operator : SJ/JU
Sample : J1233-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



(22) Benzo(k)fluoranthene

23.670min (+0.000) 0.07ng/ul m

23.670min

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

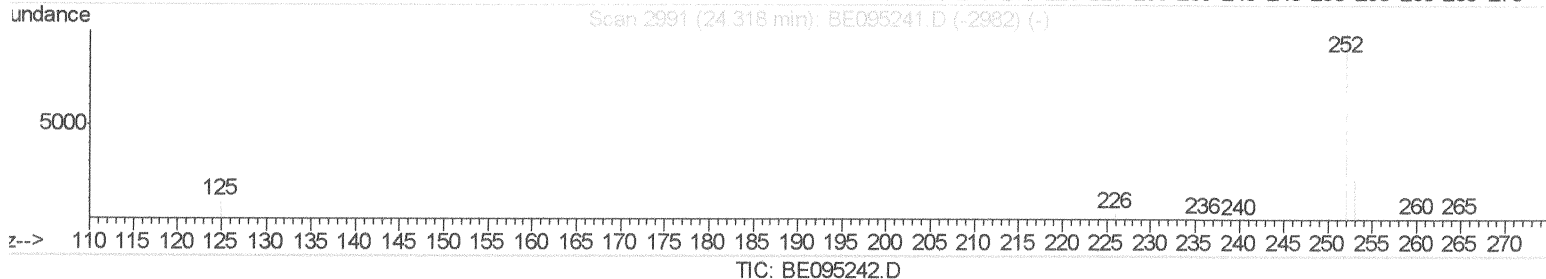
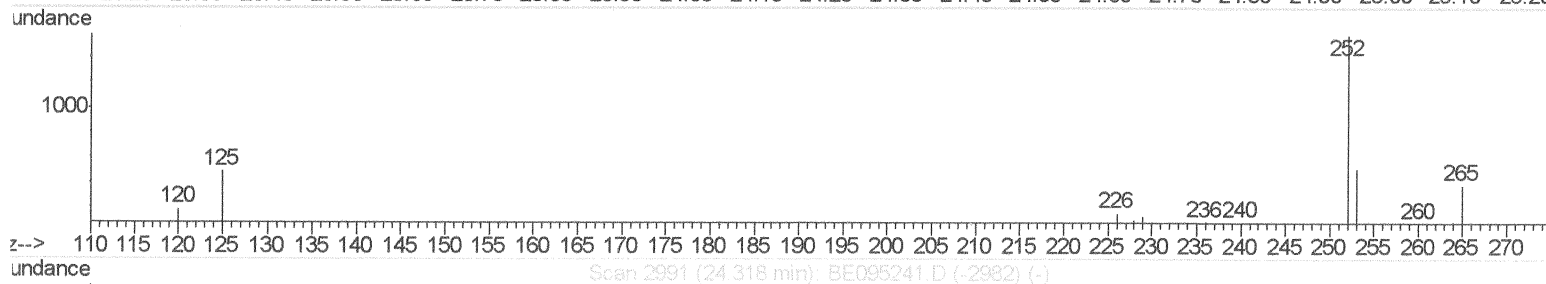
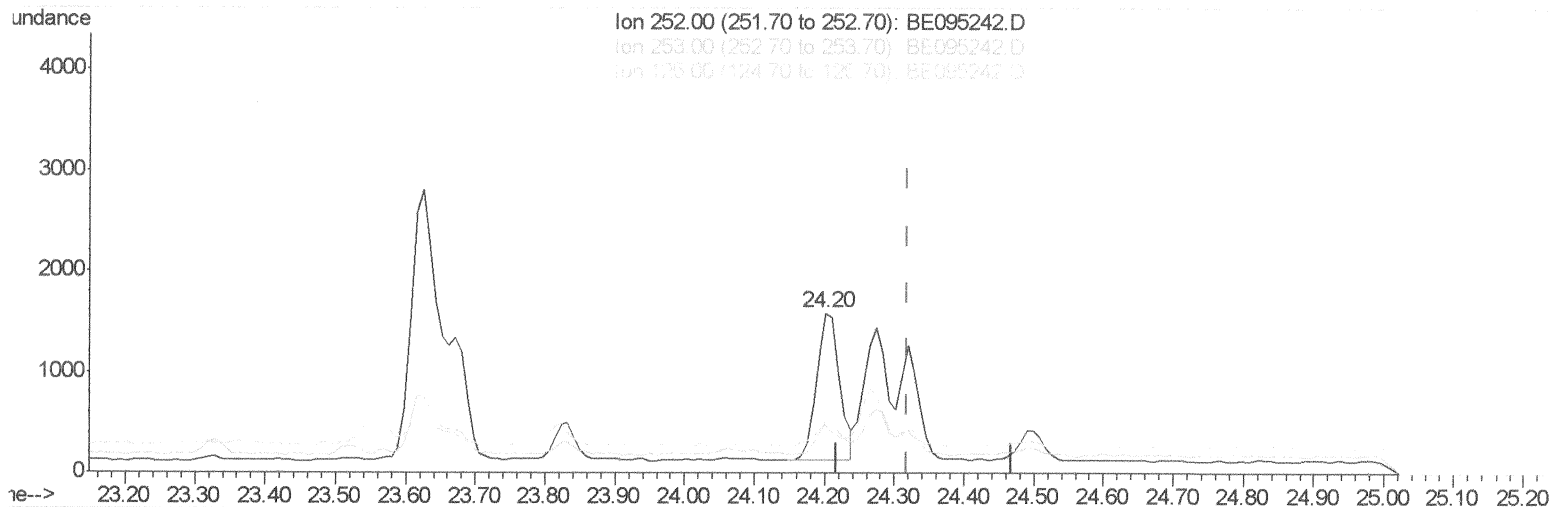
#6 Client Sampled :

BNA_E
Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



(23) Benzo(a)pyrene (C)

24.201min (-0.117) 0.15ng/ul

1/30/2018 3:31:53 PM
 Sohll

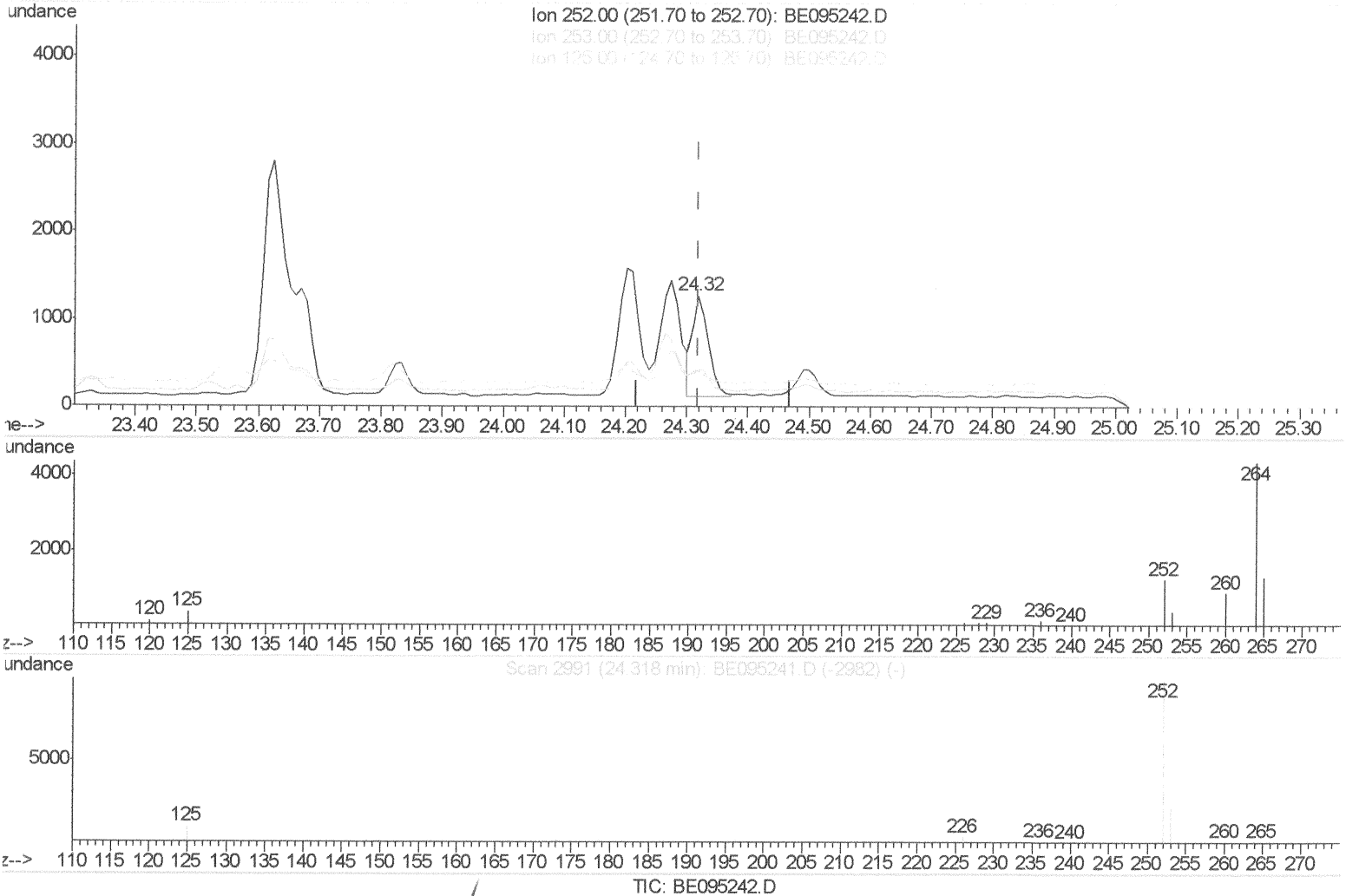
Manual Integrations
 APPROVED

Instrument :
 BNA_E
 Client Sampled :
 #7
 F6B03

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



(23) Benzo(a)pyrene (C)

24.319min (+0.000) 0.09ng/ul m

Sohil

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

23.47 23.50 23.53

F6B03

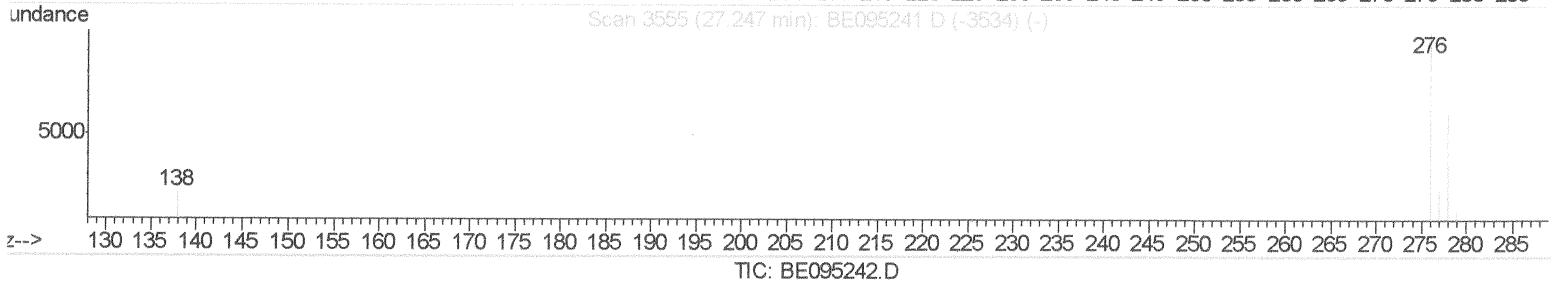
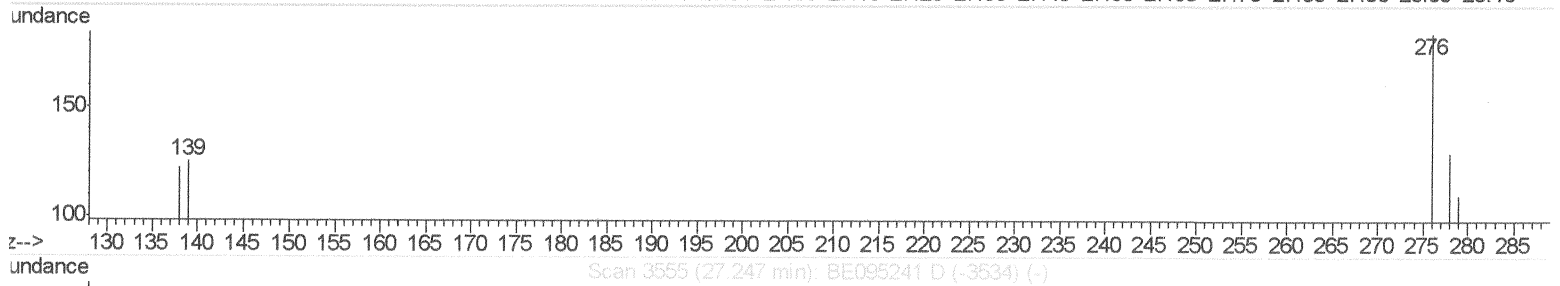
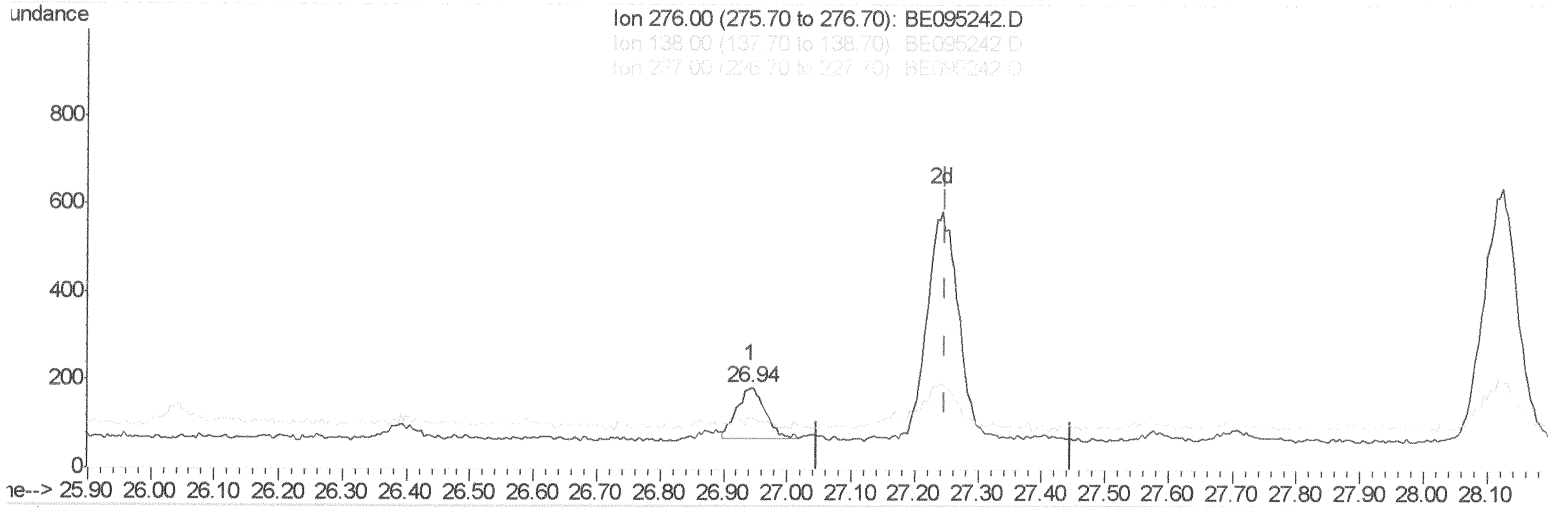
#1 Client Sample

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095242.D
Acq On : 29 Jan 2018 12:21
Operator : SJ/JU
Sample : J1233-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



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

26.942min (-0.305) 0.01ng/ul

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

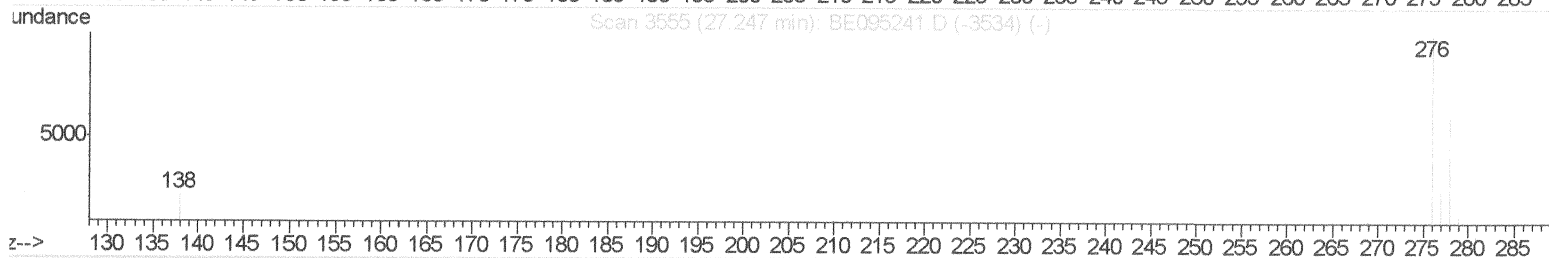
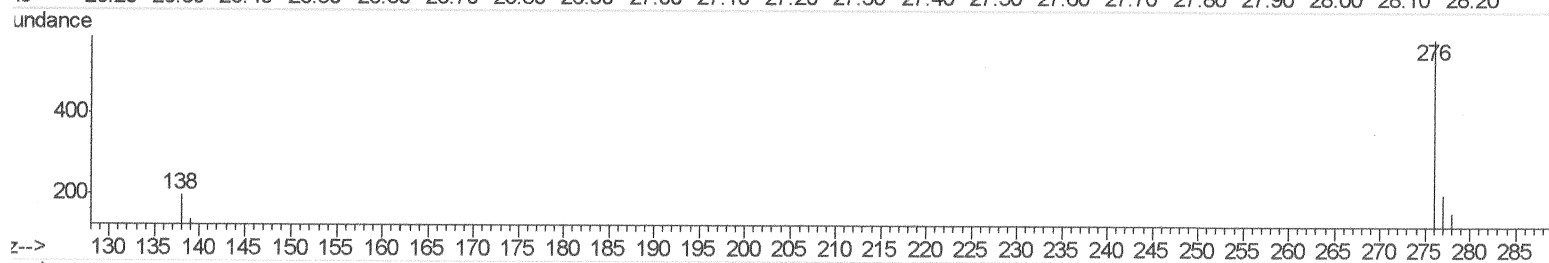
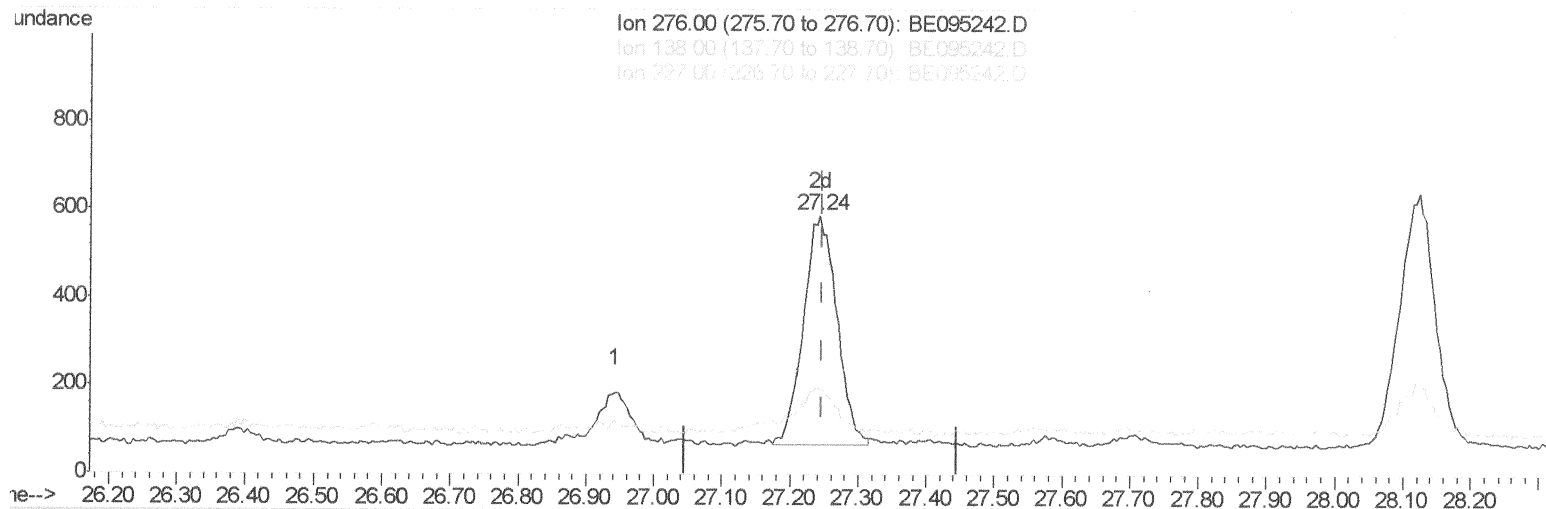
#ClientSampled :
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



TIC: BE095242.D

(24) Indeno(1,2,3-cd)pyrene
 27.243min (-0.004) 0.07ng/ul m

Suppals

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

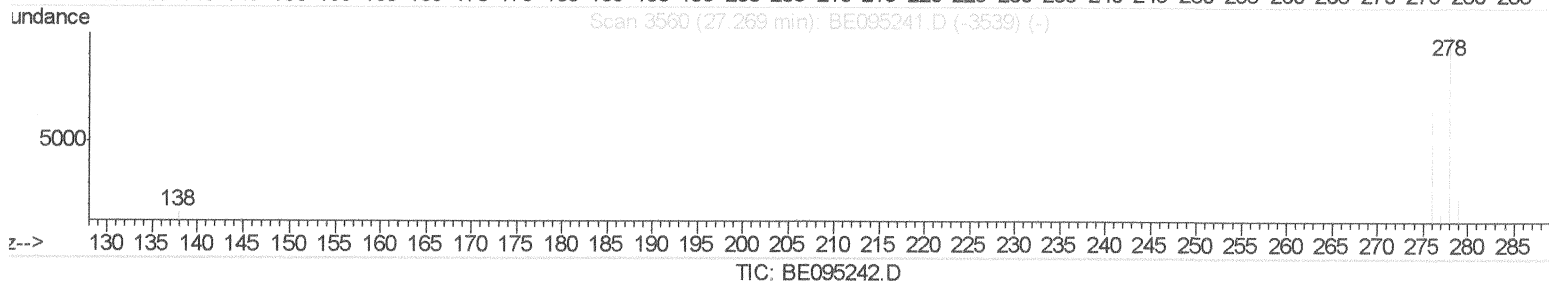
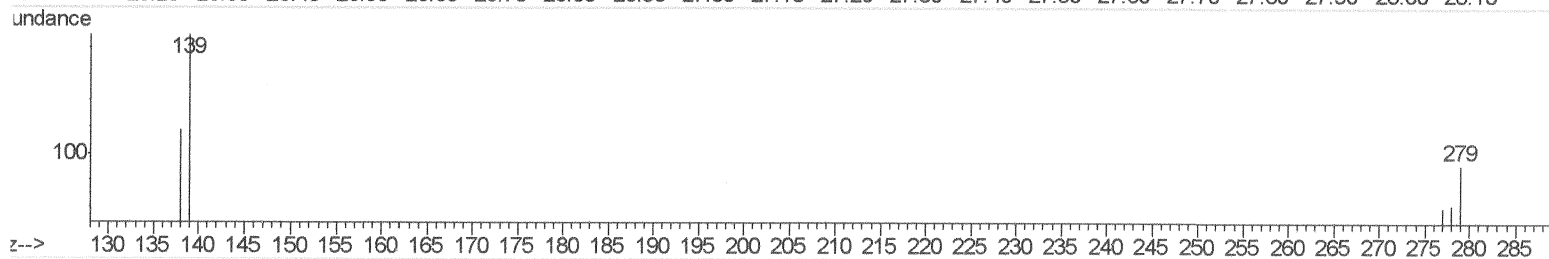
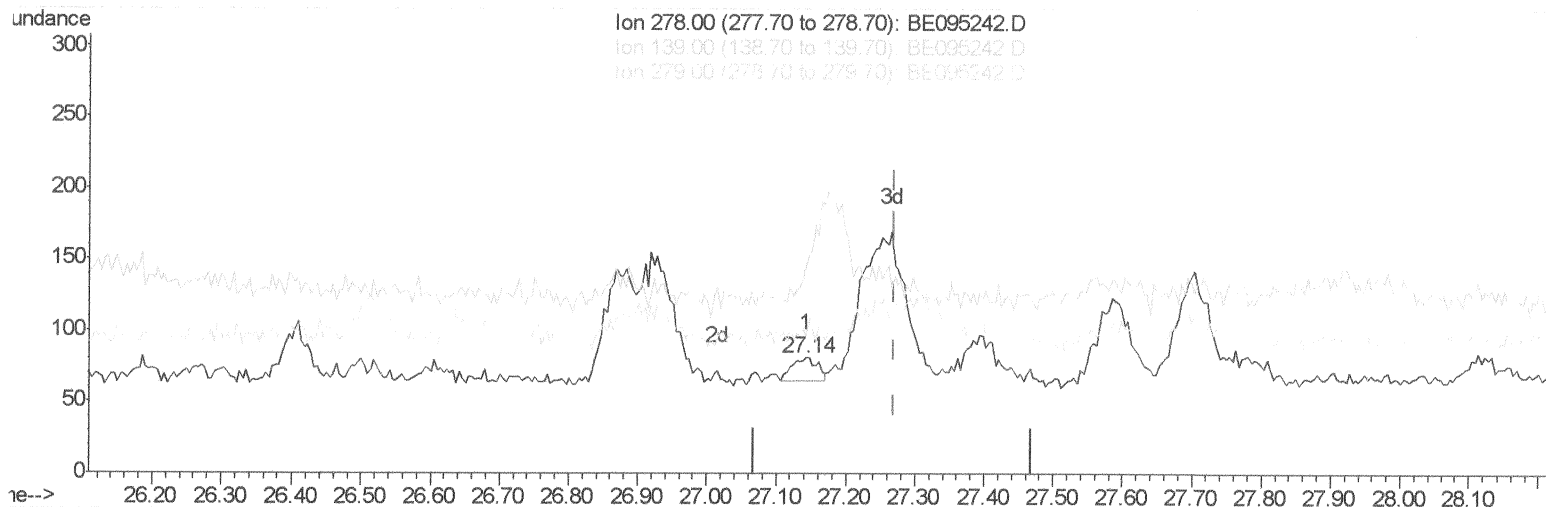
#ClientSampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



(25) Dibenzo(a,h)anthracene

27.142min (-0.127) 0.00ng/ul

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

#10641 07/17/2018

#25 F6B03

Client Sampled :

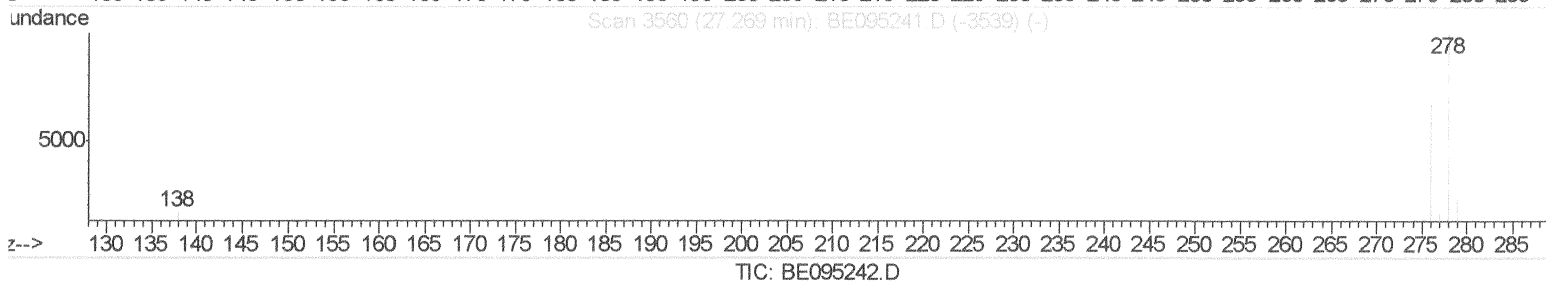
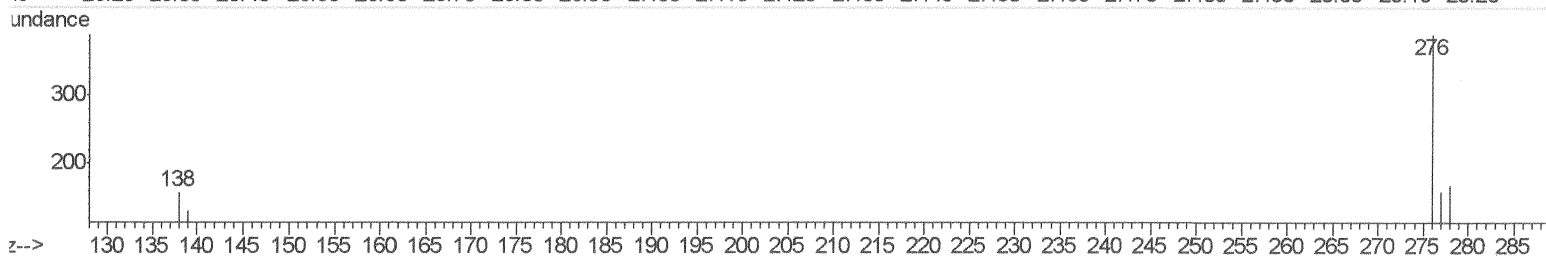
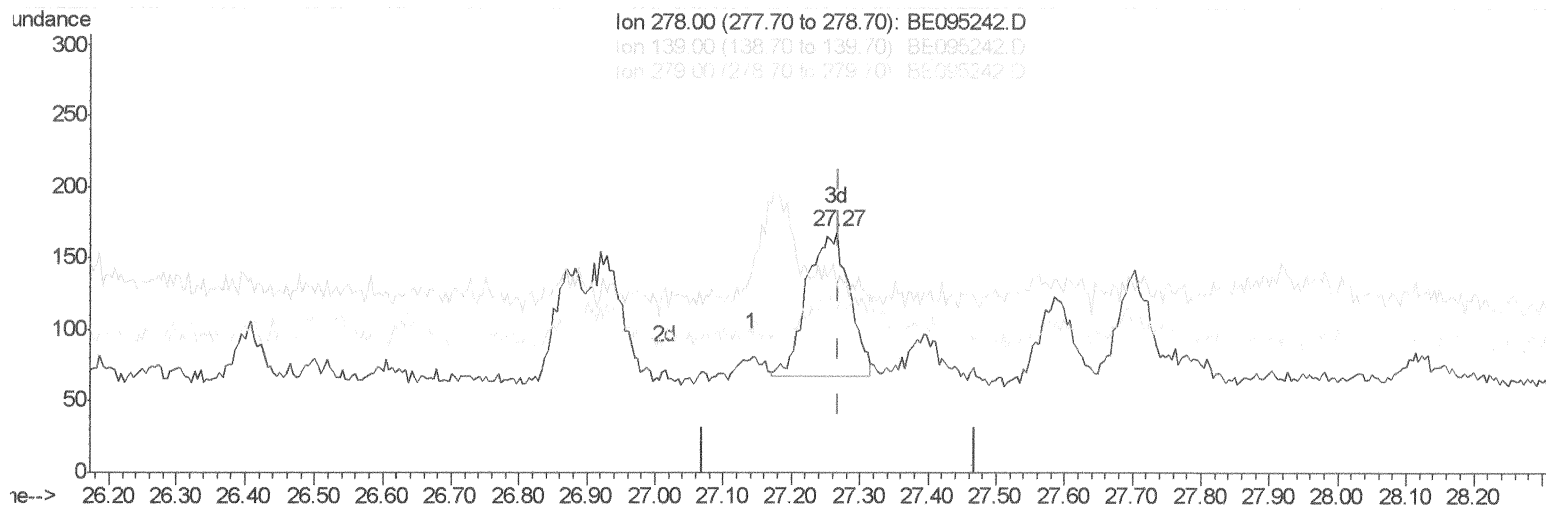
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



(25) Dibenzo(a,h)anthracene
 27.265min (-0.004) 0.02ng/ul m

27.265

1/30/2018 3:31:53 PM
 Sohll

Manual Integrations
 APPROVED

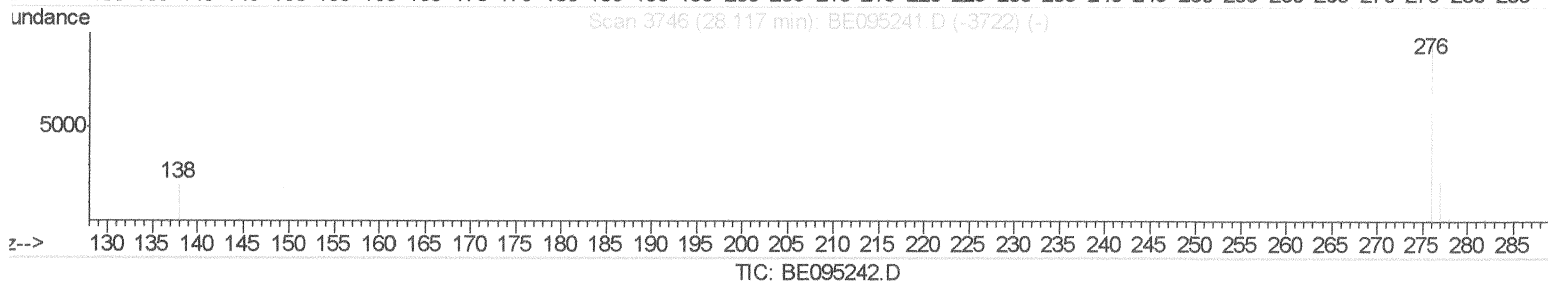
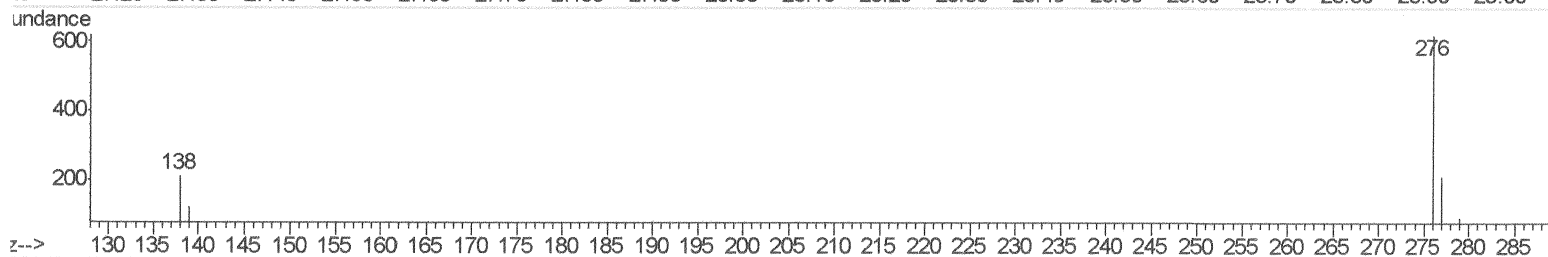
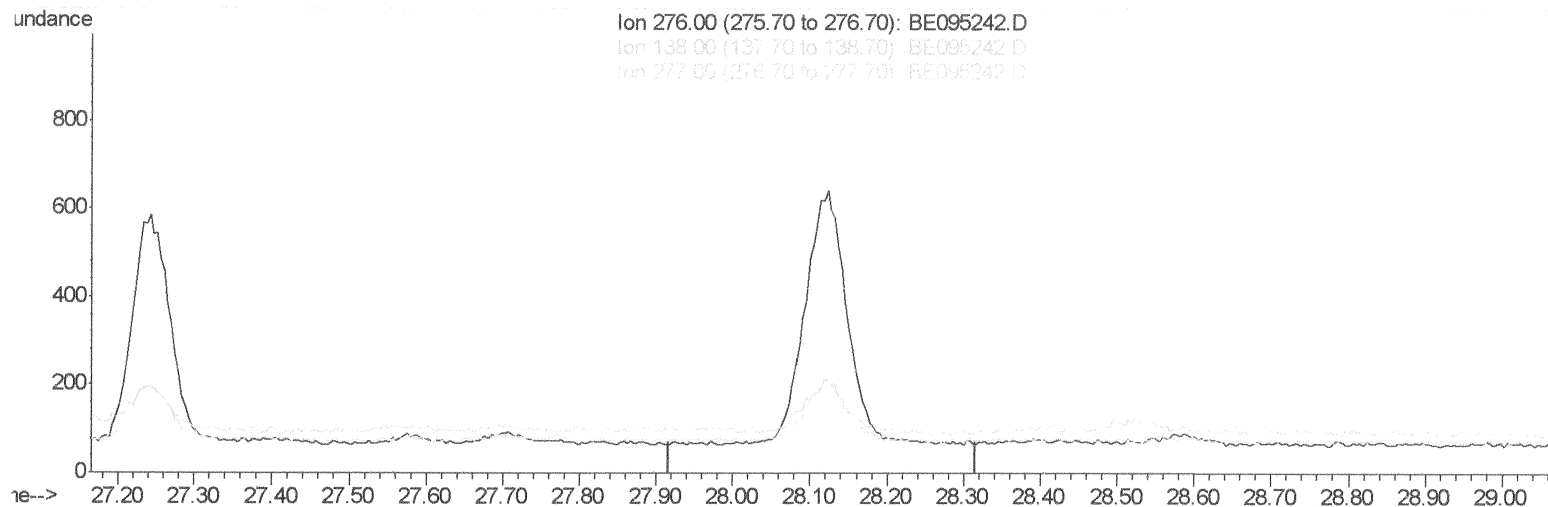
139.00 27.70 77.51#

#97
 Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



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

28.117min (-28.117) 0.00ng/ul

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

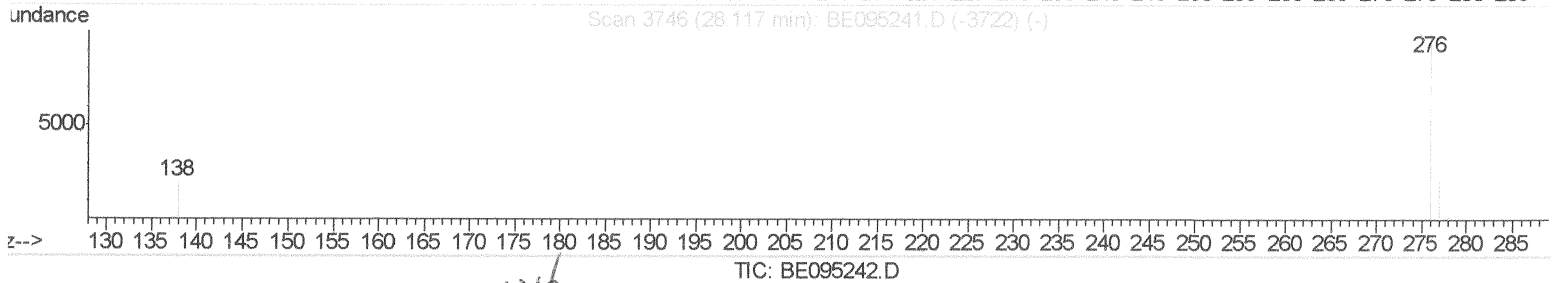
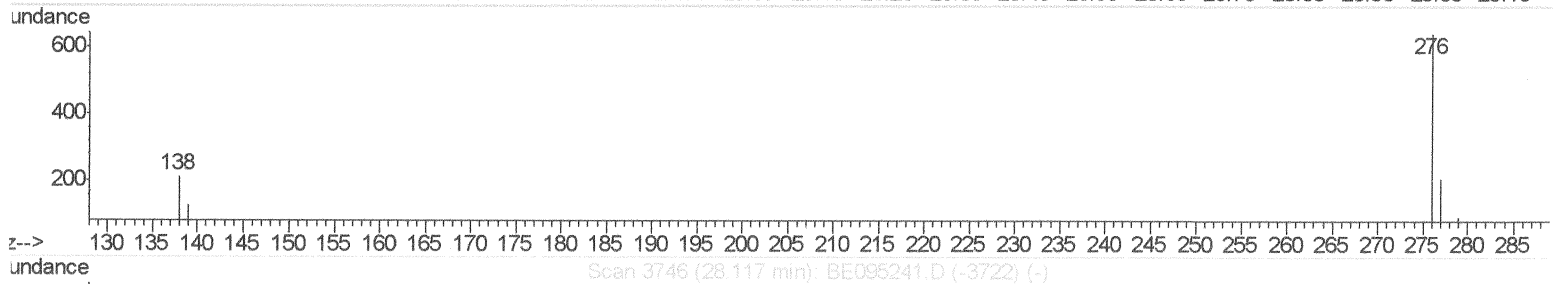
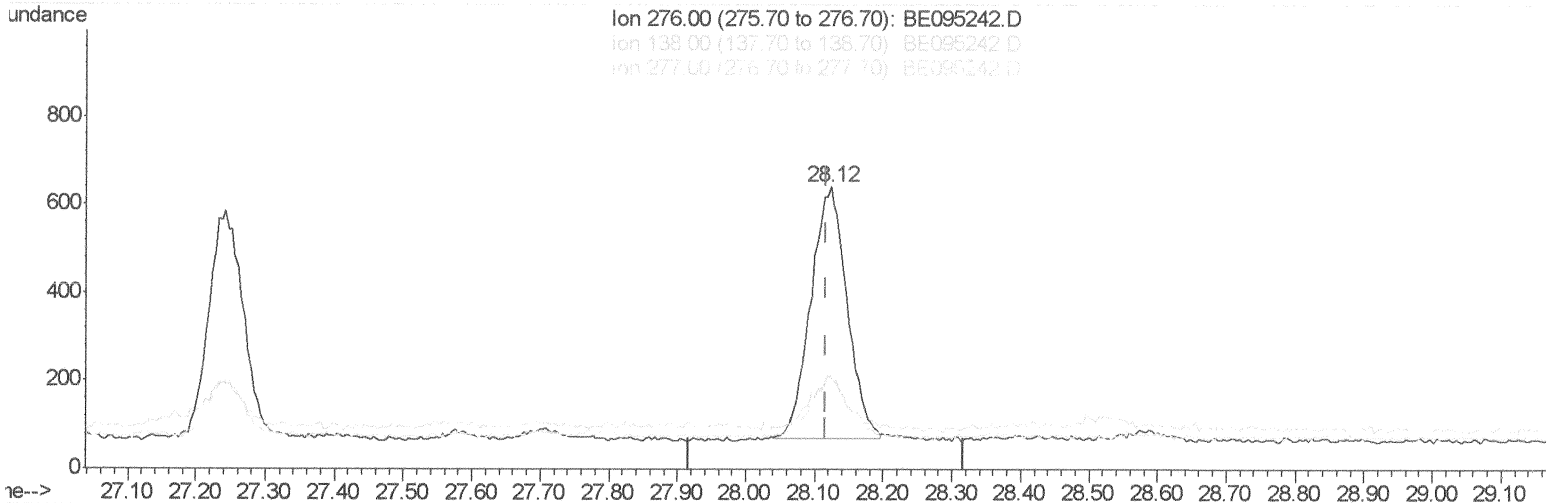
#0 Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:51:32 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



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

28.122min (+0.005) 0.10ng/ul m

28.122min

1/30/2018 3:31:53 PM

Sohil

APPROVED

Manual Integrations

Client Sampled : #2

Instrument : BNA_E

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095242.D
 Acq On : 29 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1233-01
 Disc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:53:37 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	1957	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5846	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4018	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7951m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8434	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7393m	0.40	ng/ul	0.00

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 2/01/18
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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	3981	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11565	0.38	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.32	128	434	0.027	ng/ul#	55
5) 2-Methylnaphthalene	12.89	142	1561	0.143	ng/ul	100
7) Acenaphthylene	14.74	152	869	0.045	ng/ul#	66
8) Acenaphthene	15.08	153	7666	0.511	ng/ul	98
9) Fluorene	16.02	166	9227	0.597	ng/ul#	70
11) Pentachlorophenol	17.36	266	9598	6.232	ng/ul	95
12) Phenanthrene	17.75	178	40684	1.521	ng/ul#	86
13) Anthracene	17.84	178	11545	0.472	ng/ul#	92
15) Fluoranthene	19.73	202	47022	1.358	ng/ul	81
17) Pyrene	20.08	202	30924	1.093	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	7116	0.270	ng/ul#	87
19) Chrysene	21.84	228	5076	0.185	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	7173m	0.275	ng/ul	} <i>Handwritten note:</i> overalle
22) Benzo(k)fluoranthene	23.67	252	1705m	0.071	ng/ul	
23) Benzo(a)pyrene	24.32	252	2072m	0.089	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1787m	0.070	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	435m	0.021	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	2090m	0.097	ng/ul	

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

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APPROVED
 Manual Integrations

Instrument : BNA_E
 Client/Sample ID : F6B03