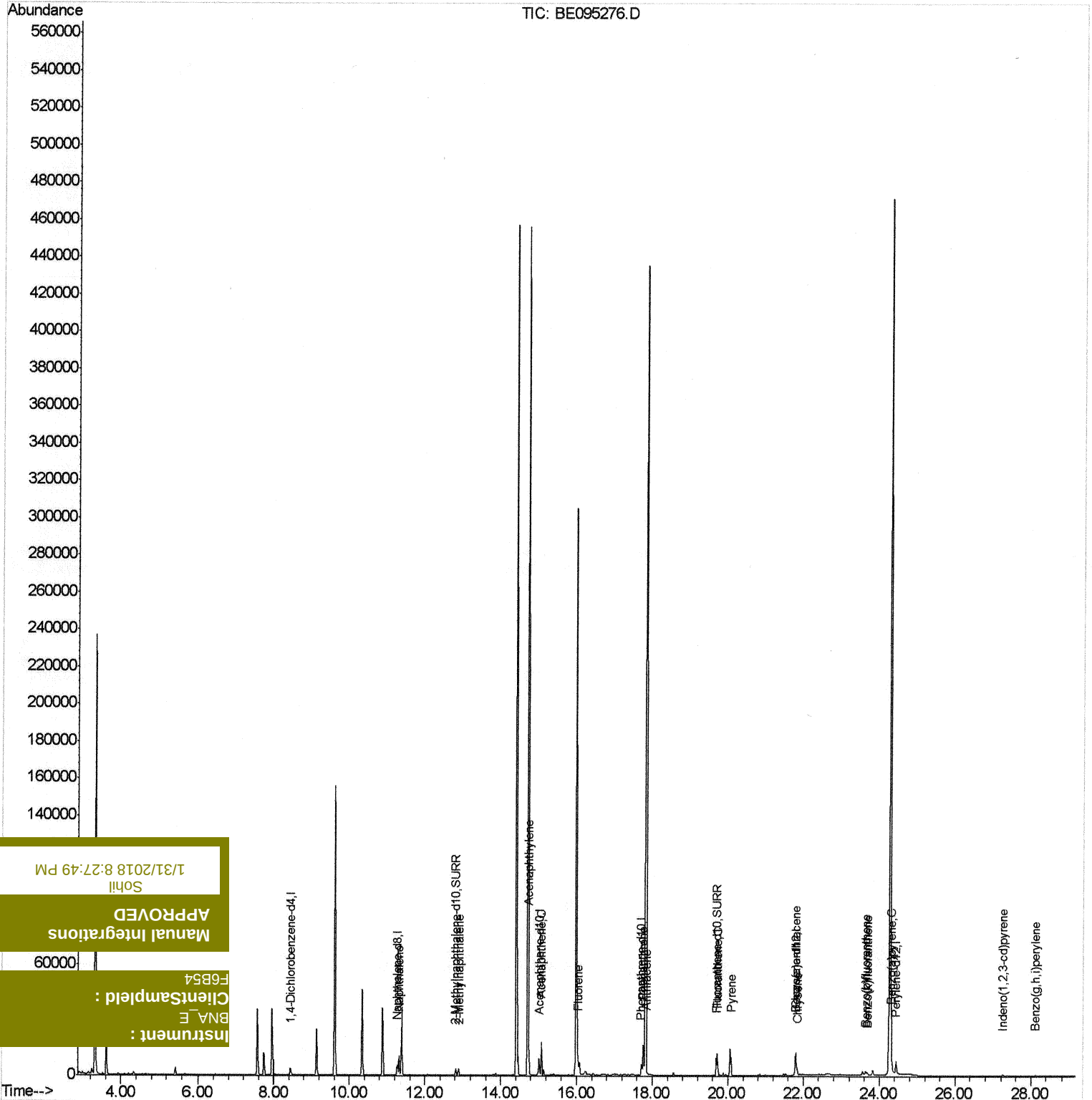


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

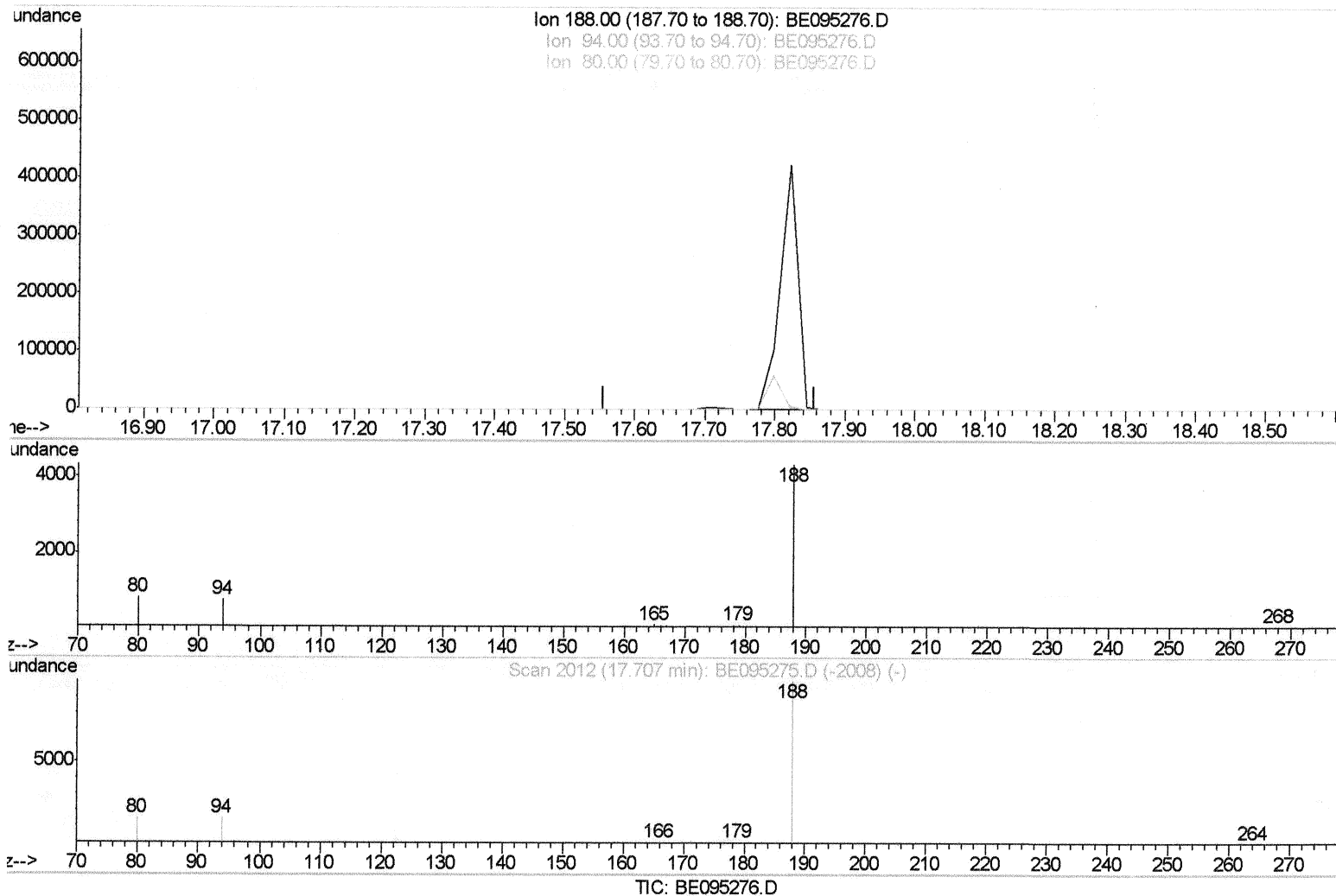
Quant Time: Jan 31 01:37:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:24:07 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



(10) Phenanthrene-d10 (I)

17.707min (-17.707) 0.00ng/ul

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

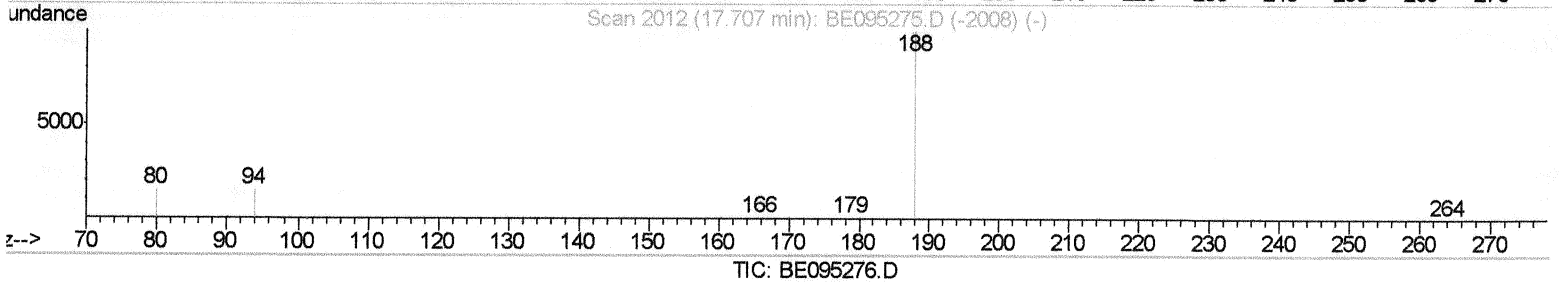
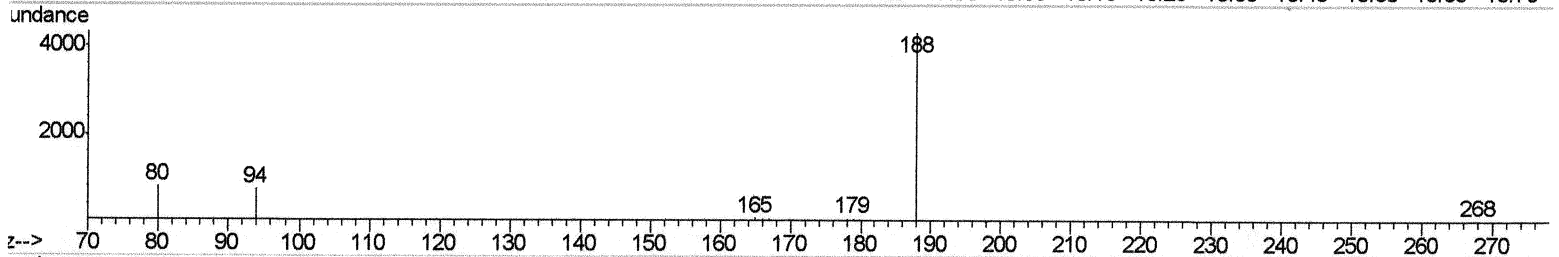
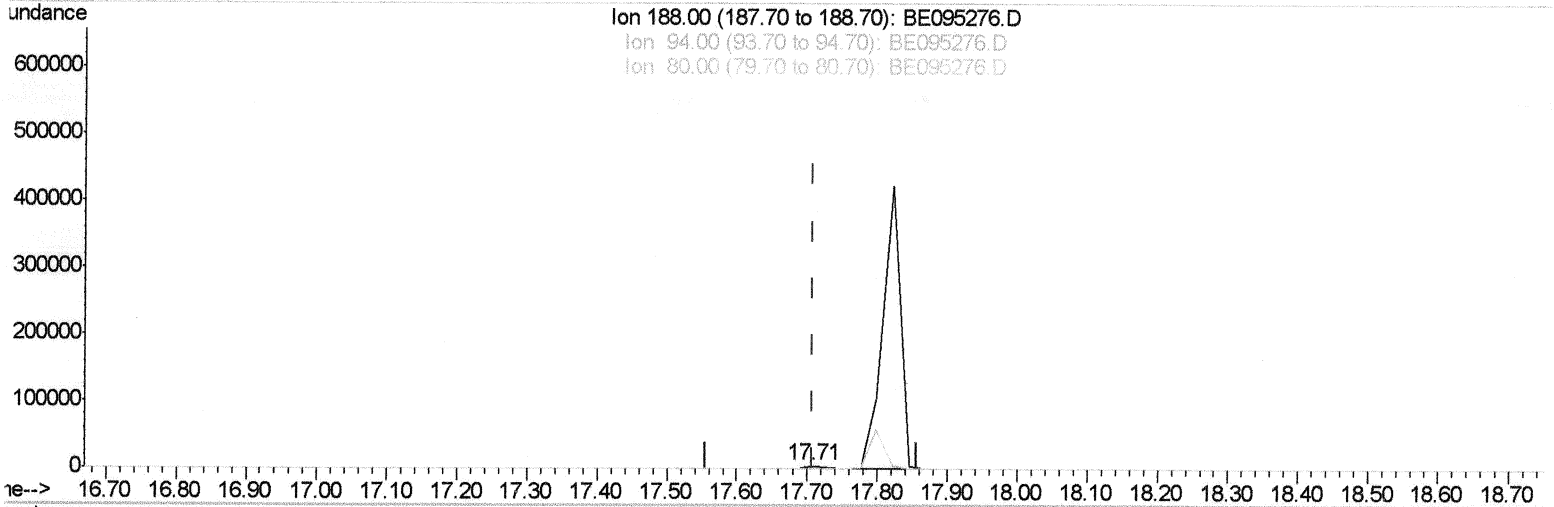
#ClientSampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:24:07 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



(10) Phenanthrene-d10 (I)

17.706min (-0.001) 0.40ng/ul m

SJ 2/1/18

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

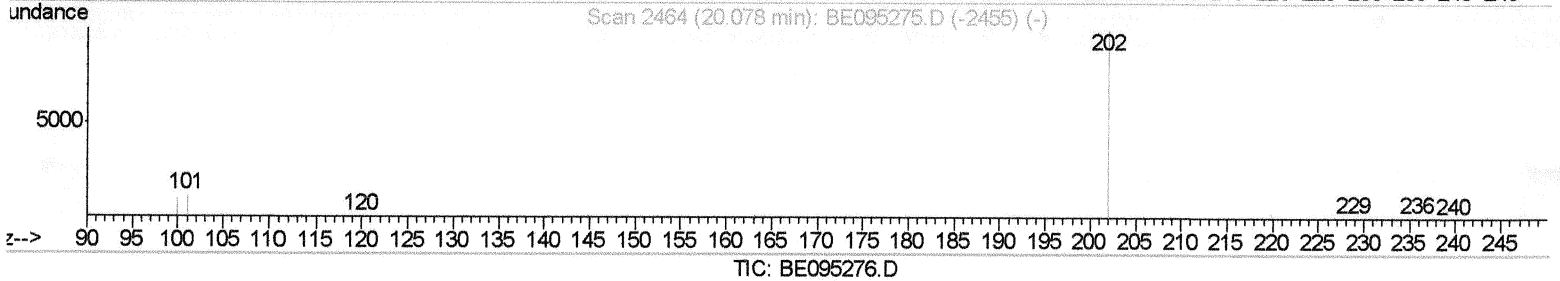
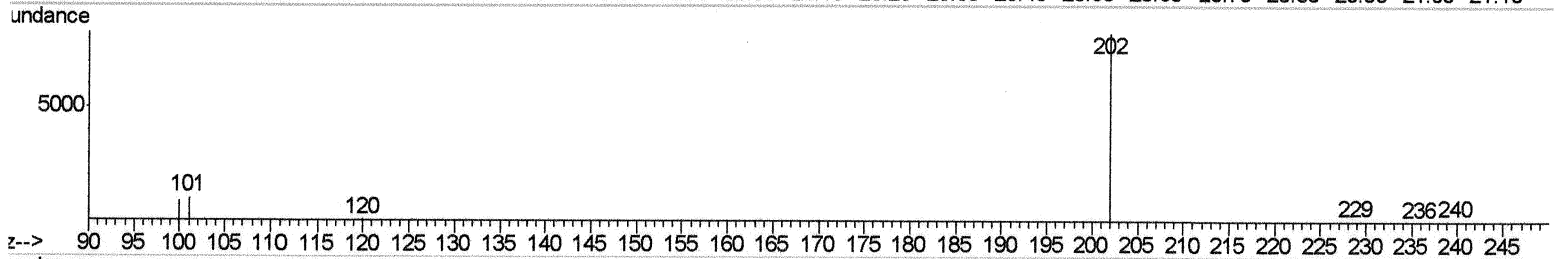
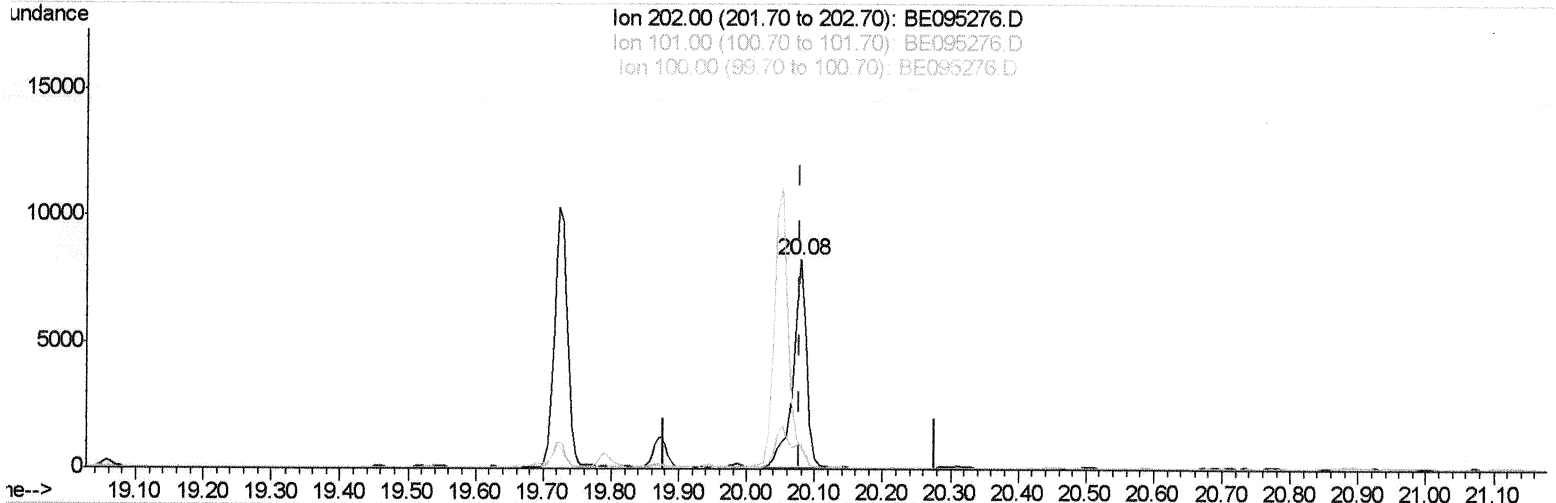
#8 Client Sampled : BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:29:52 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



(17) Pyrene

20.079min (+0.001) 0.34ng/ul

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

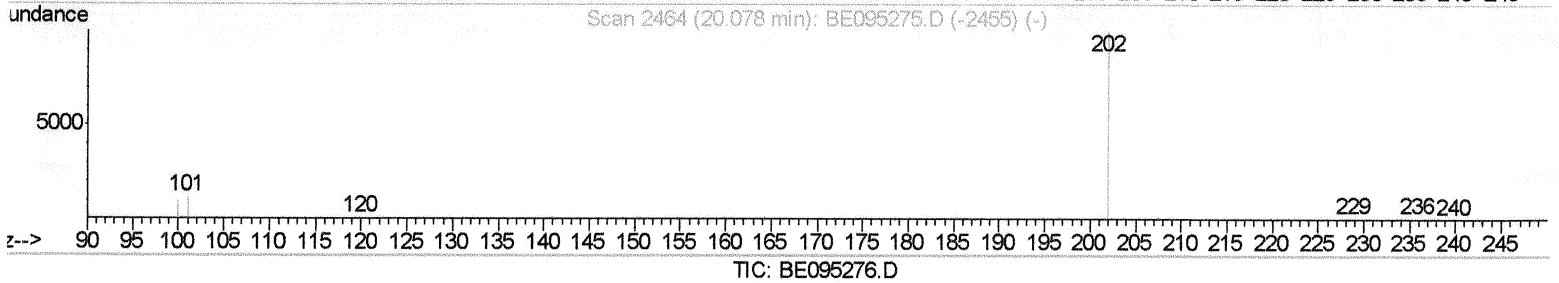
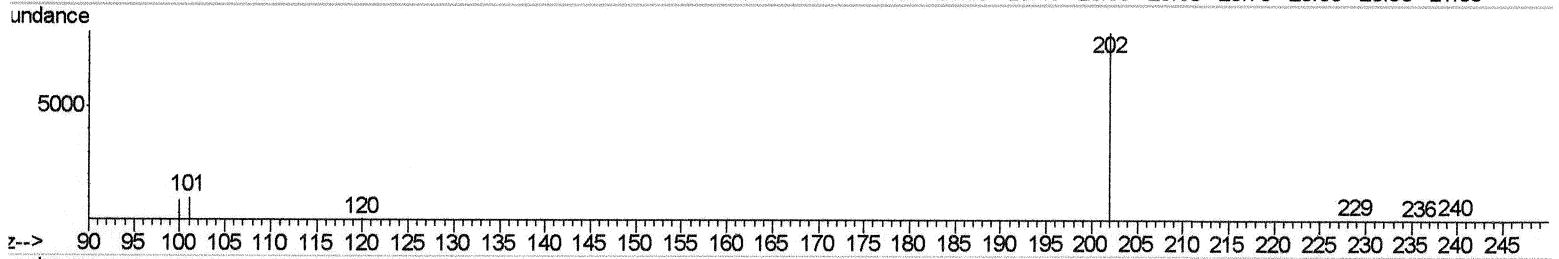
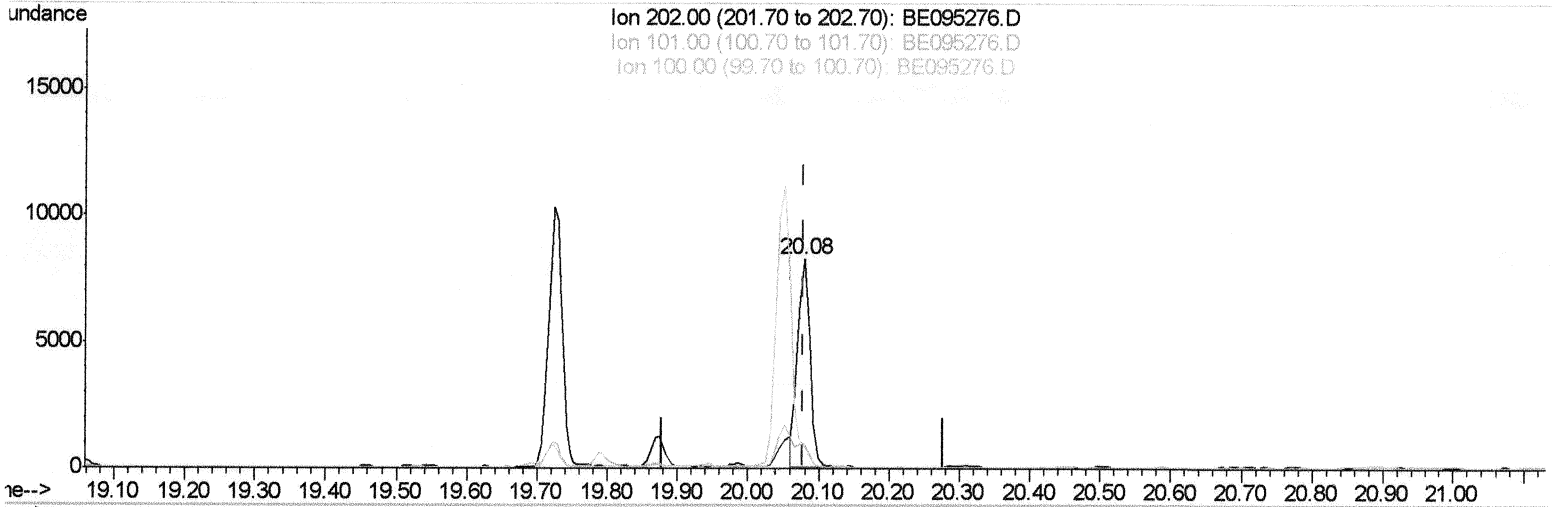
#8 Client Sampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:29:52 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



(17) Pyrene

20.079min (+0.001) 0.30ng/ul m > SJ 2/1/18

1/31/2018 8:27:49 PM
 Sohil

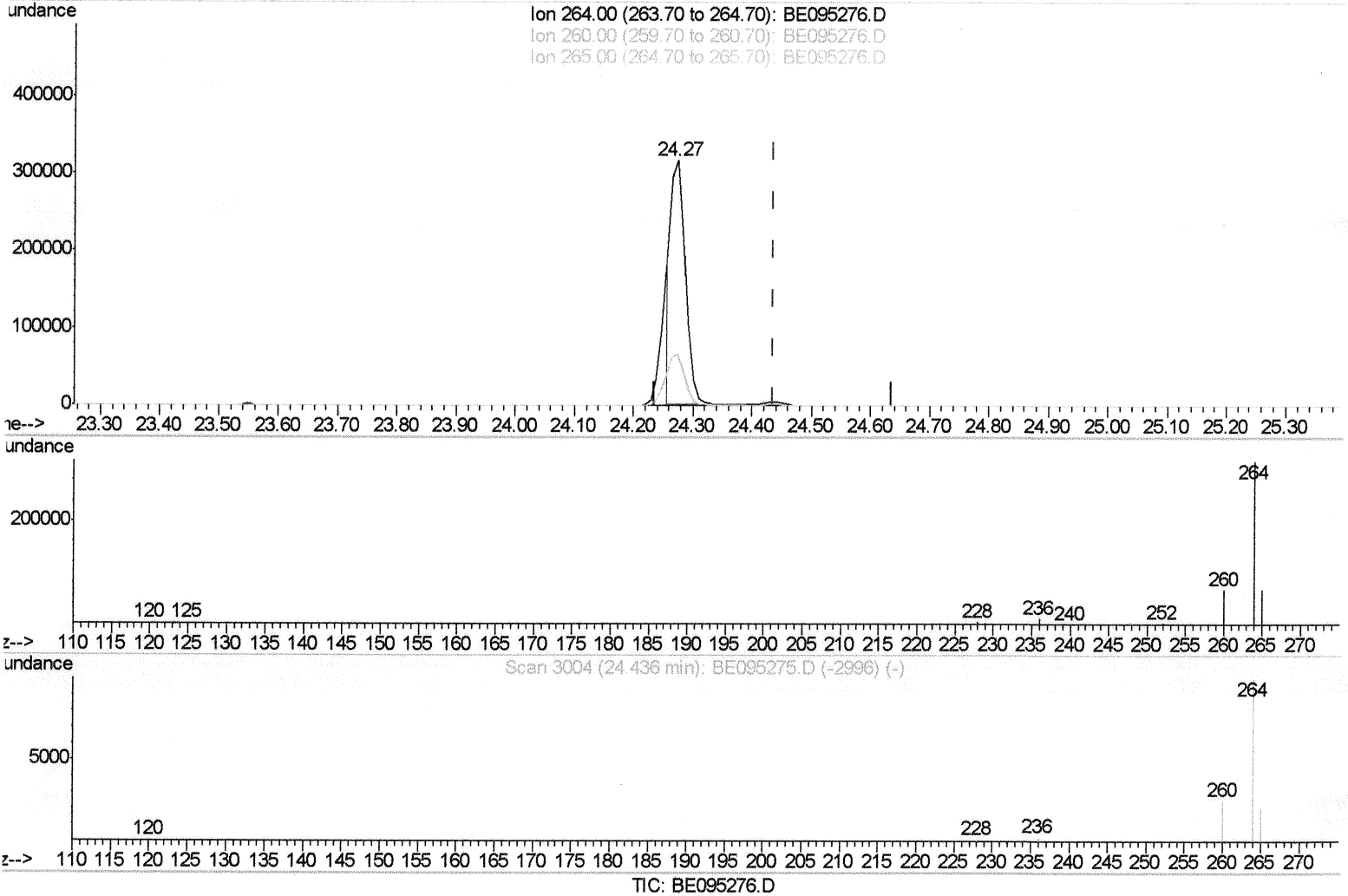
Manual Integrations
 APPROVED

Instrument : BNA_E
 Client Sample : #8
 F6854

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:29:52 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)

24.273min (-0.162) 0.40ng/ul

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

#15 20.00 21.12

#98 F6854

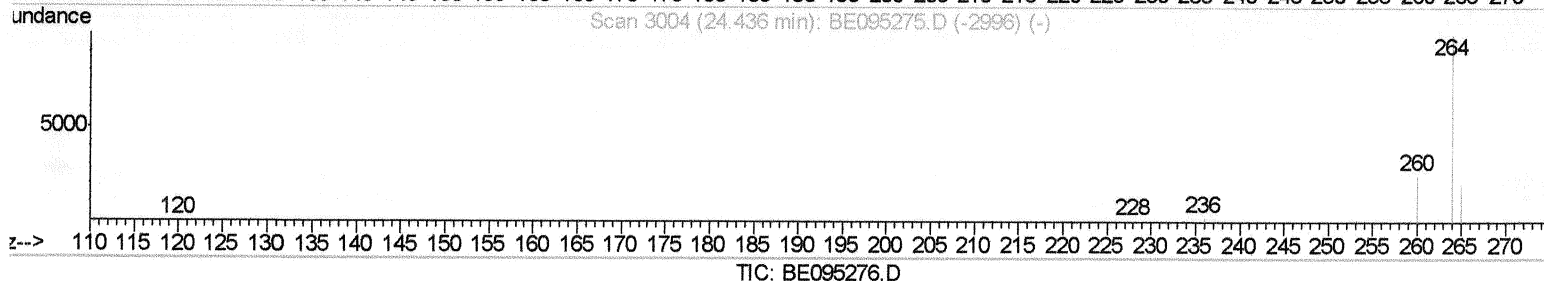
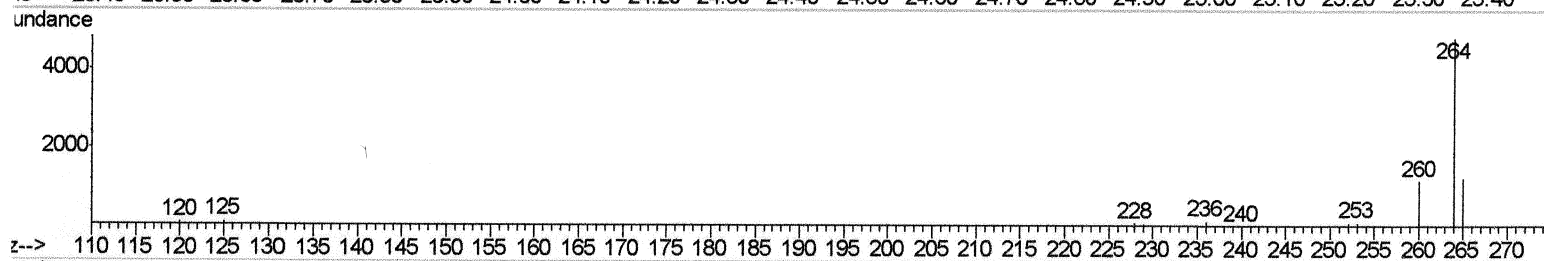
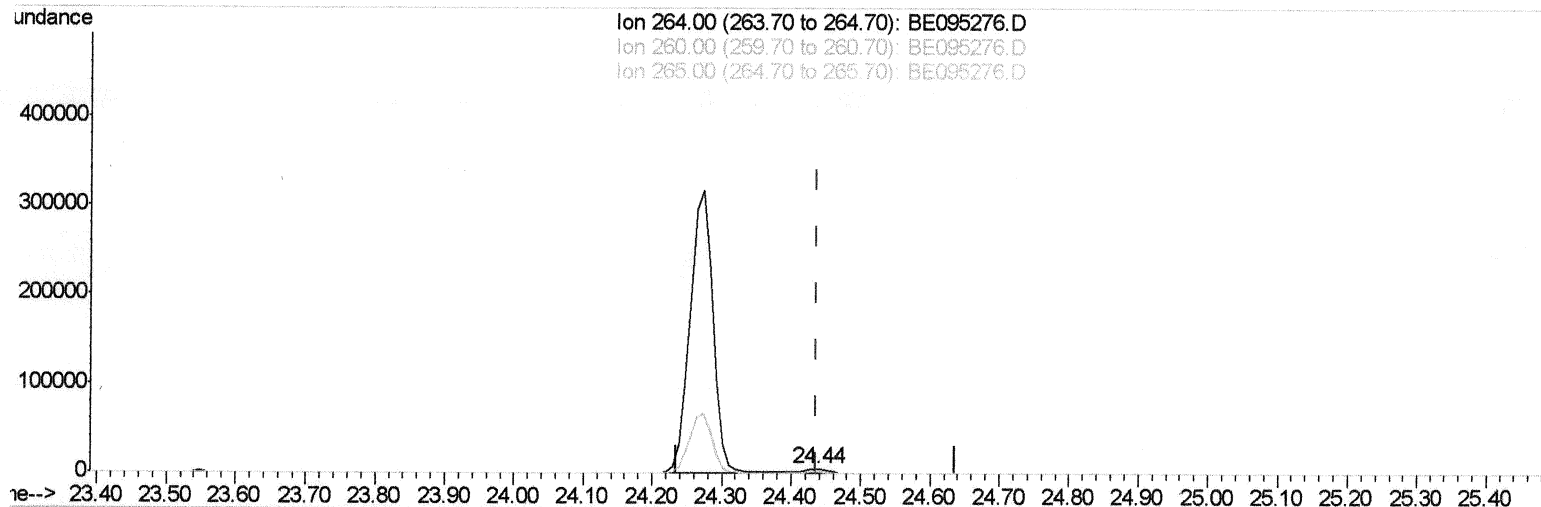
Client Sampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:29:52 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)

24.436min (-0.000) 0.40ng/ul m

SJ 2/1/18

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

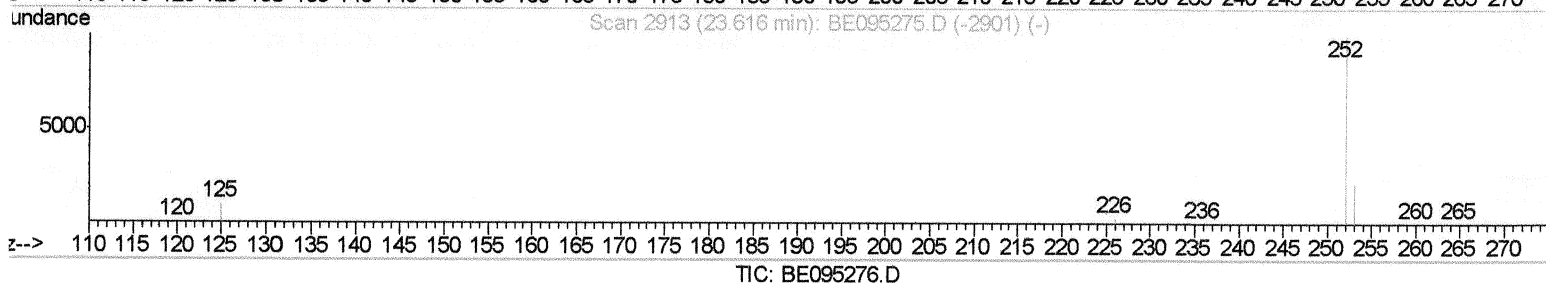
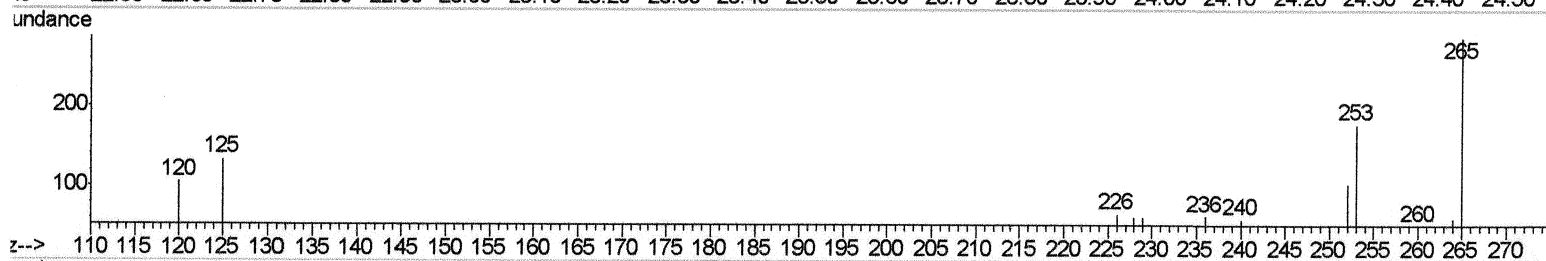
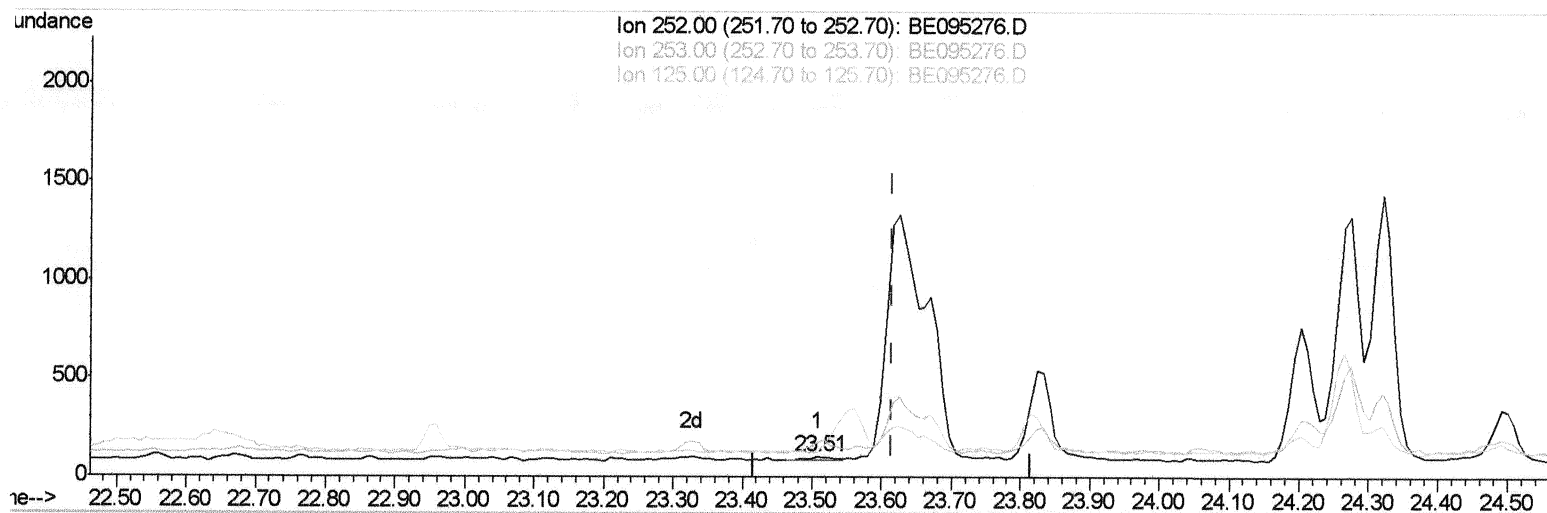
Client Sampled : #38

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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

23.507min (-0.108) 0.00ng/ul

1/31/2018 8:27:49 PM

Sohil

Manual Integrations
 APPROVED

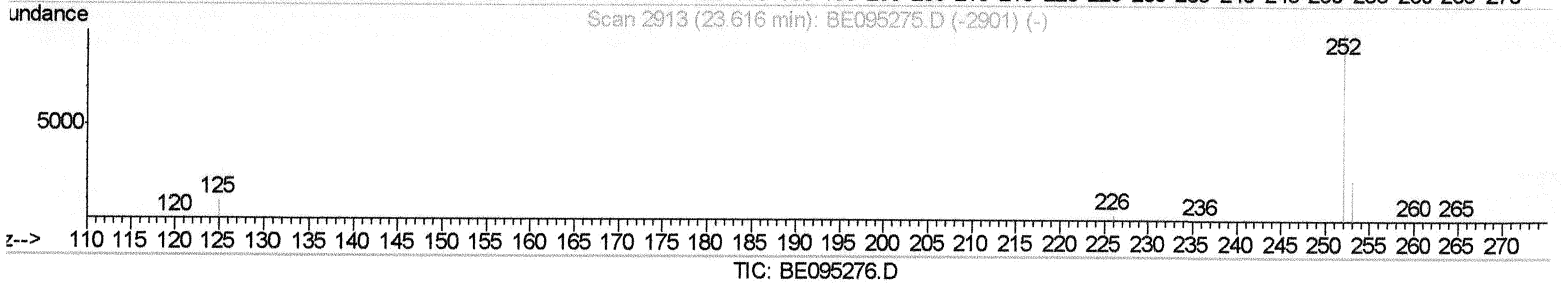
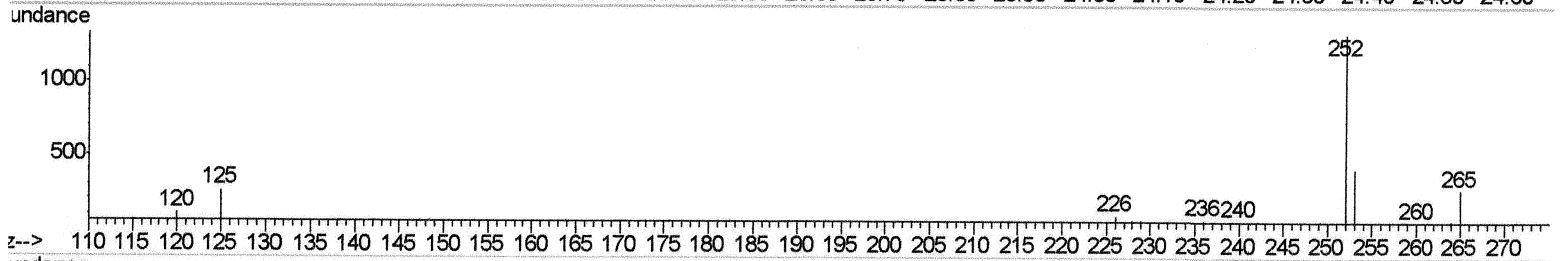
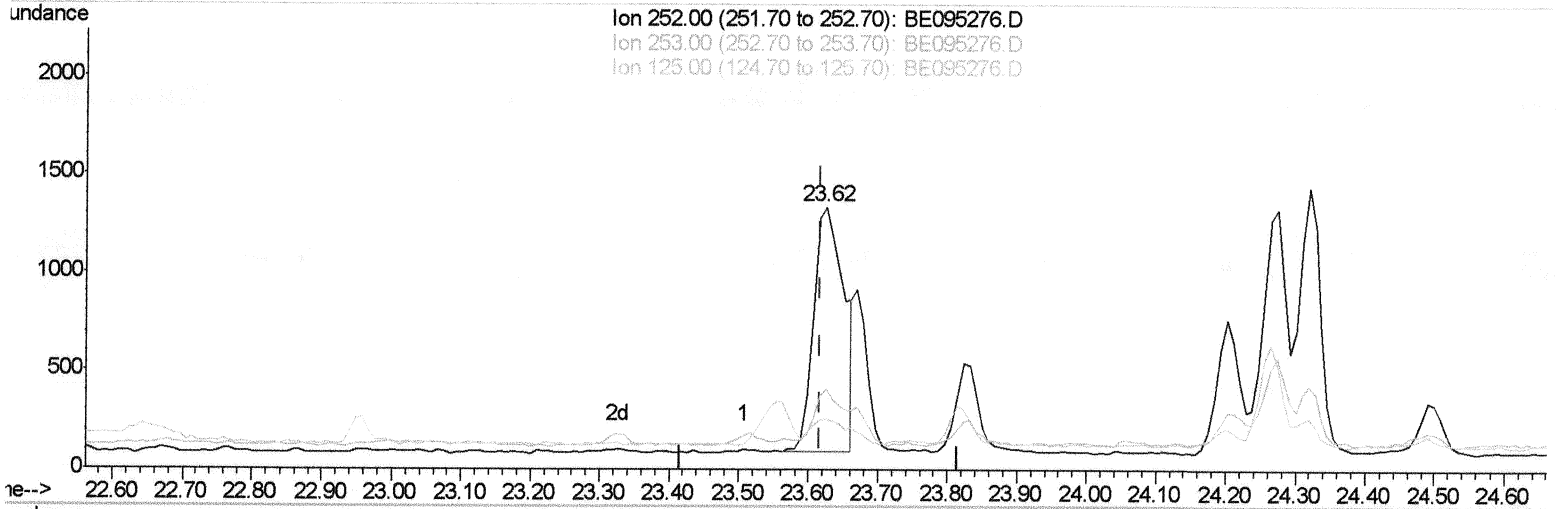
Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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

23.625min (+0.009) 0.12ng/ul m> SJ 2/1/18

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

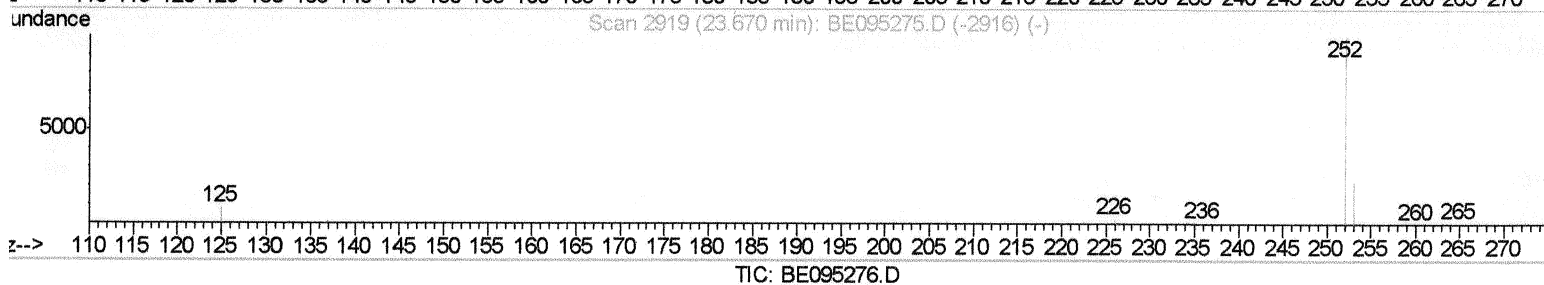
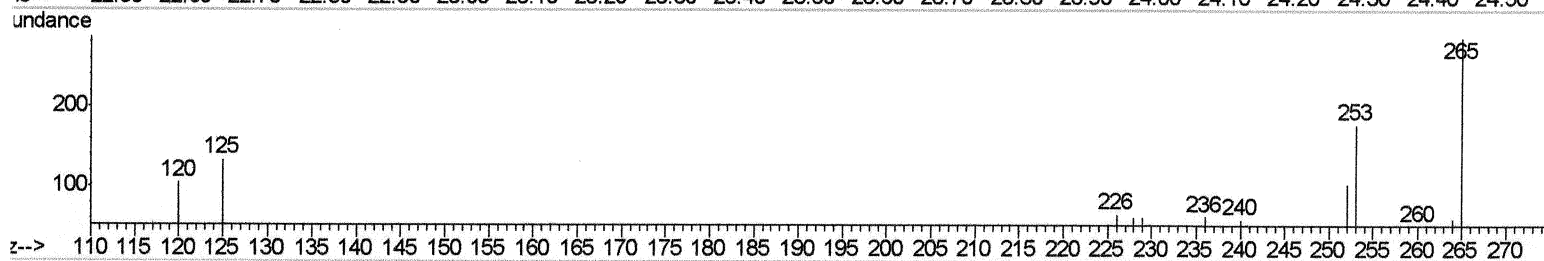
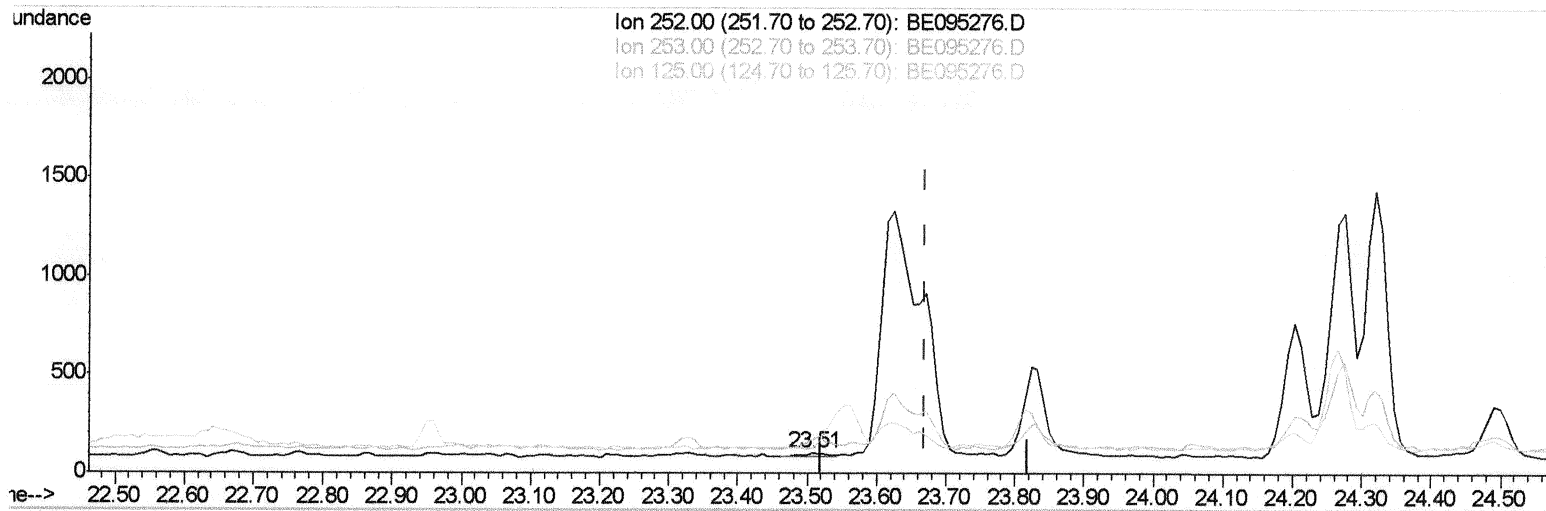
Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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
 23.507min (-0.162) 0.00ng/ul

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

#15 01/31/2018 09:05

#88 F6854

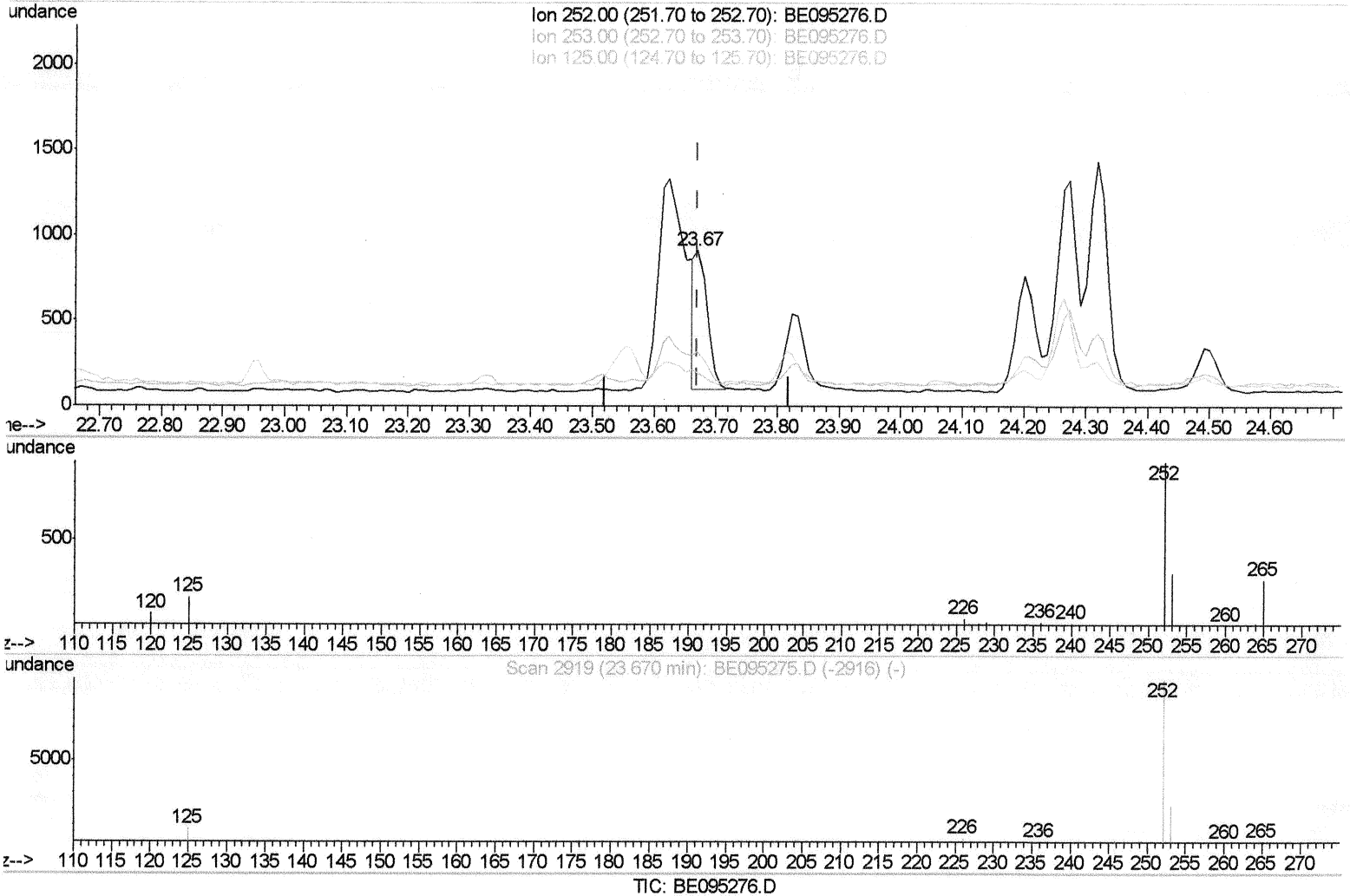
Client Sampled :

Instrument :
 BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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 (-0.000) 0.04ng/ul m> 53 2/1/18

1/31/2018 8:27:49 PM
 Sohll

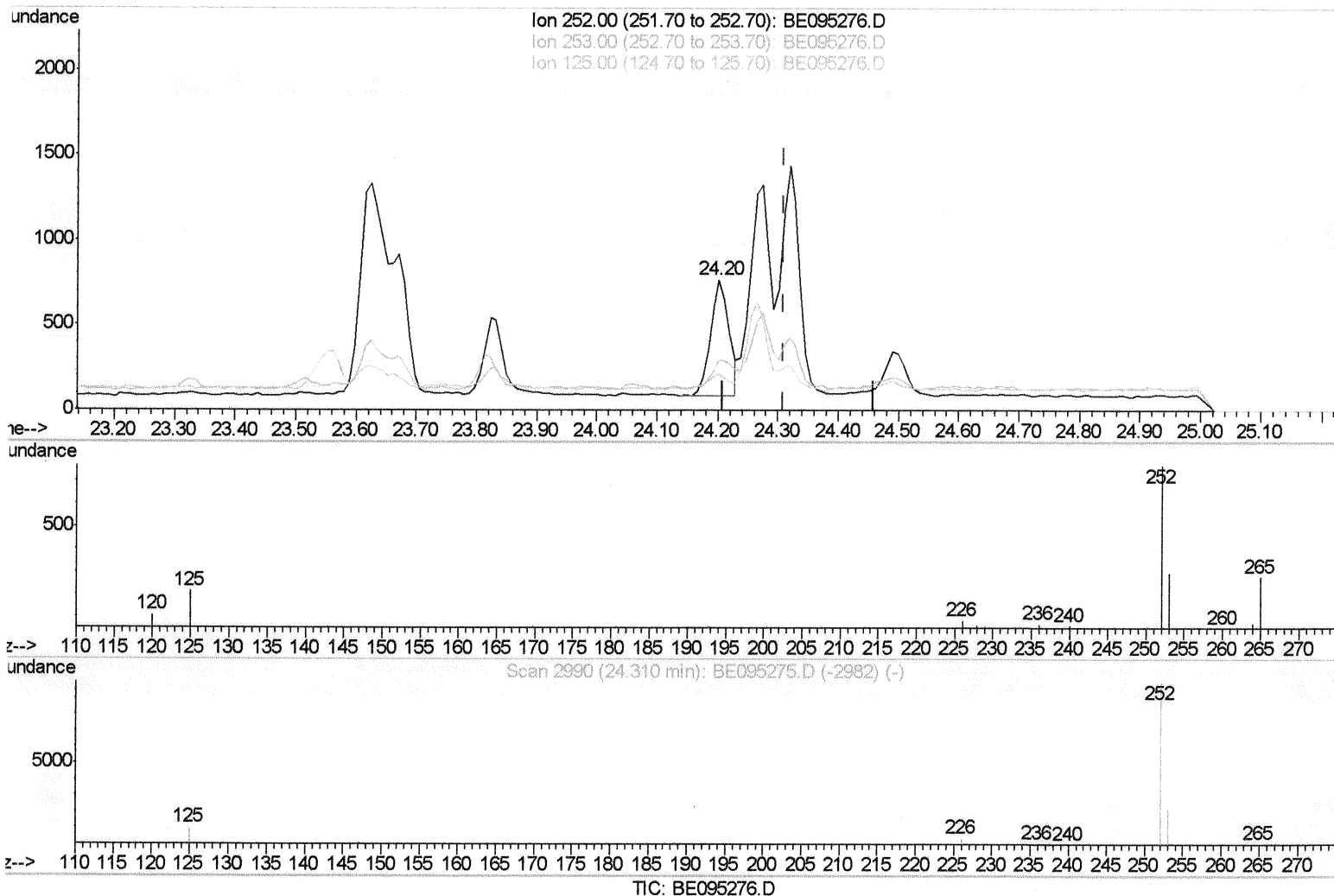
Manual Integrations
 APPROVED

Instrument :
 BNA_E
 ClientSampled :
 #88-6854

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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)

24.201min (-0.108) 0.05ng/ul

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

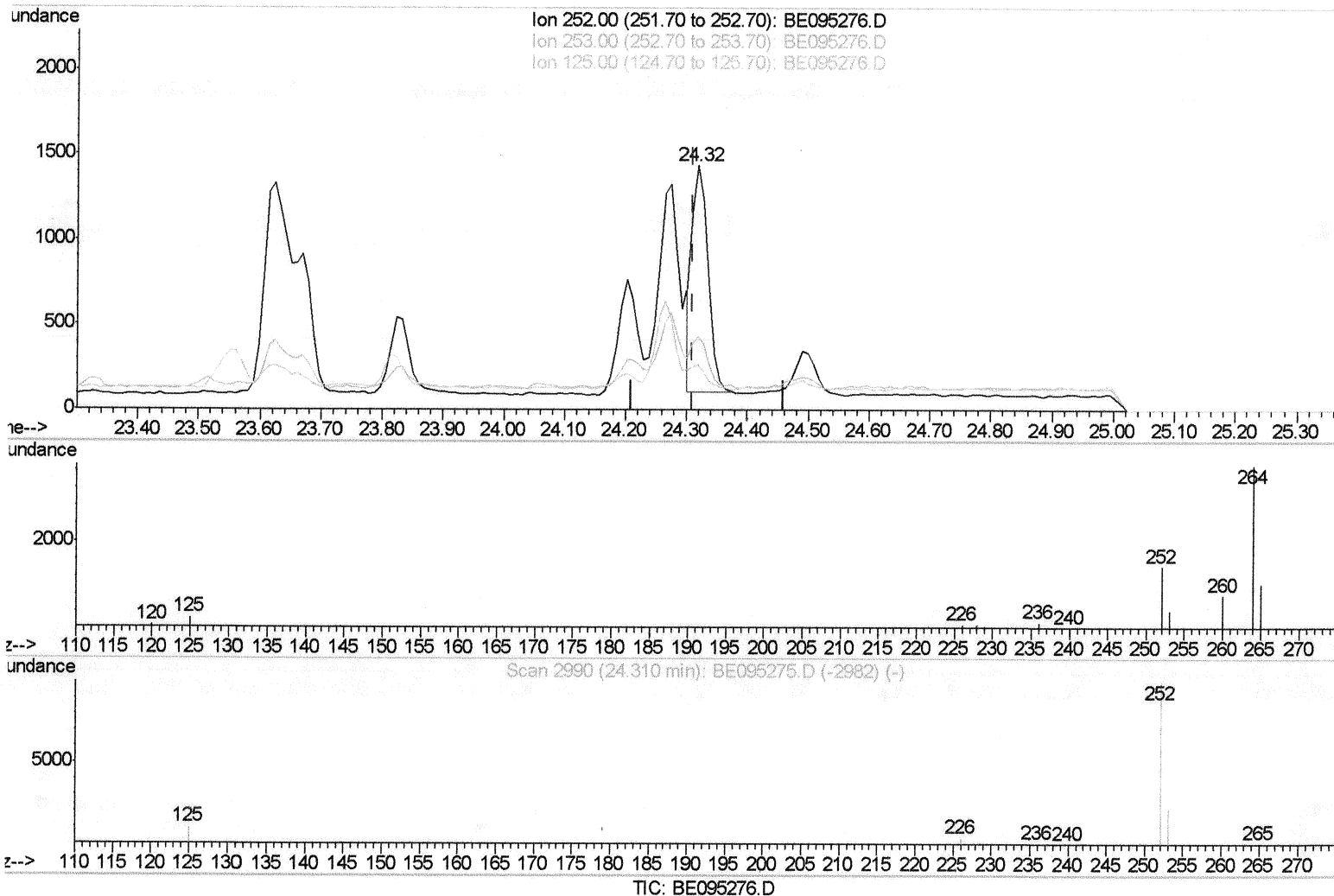
#7 Client Sampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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)

24.319min (+0.009) 0.08ng/ul m> 53 2/1/18

1/31/2018 8:27:49 PM

Sohil

APPROVED

Manual Integrations

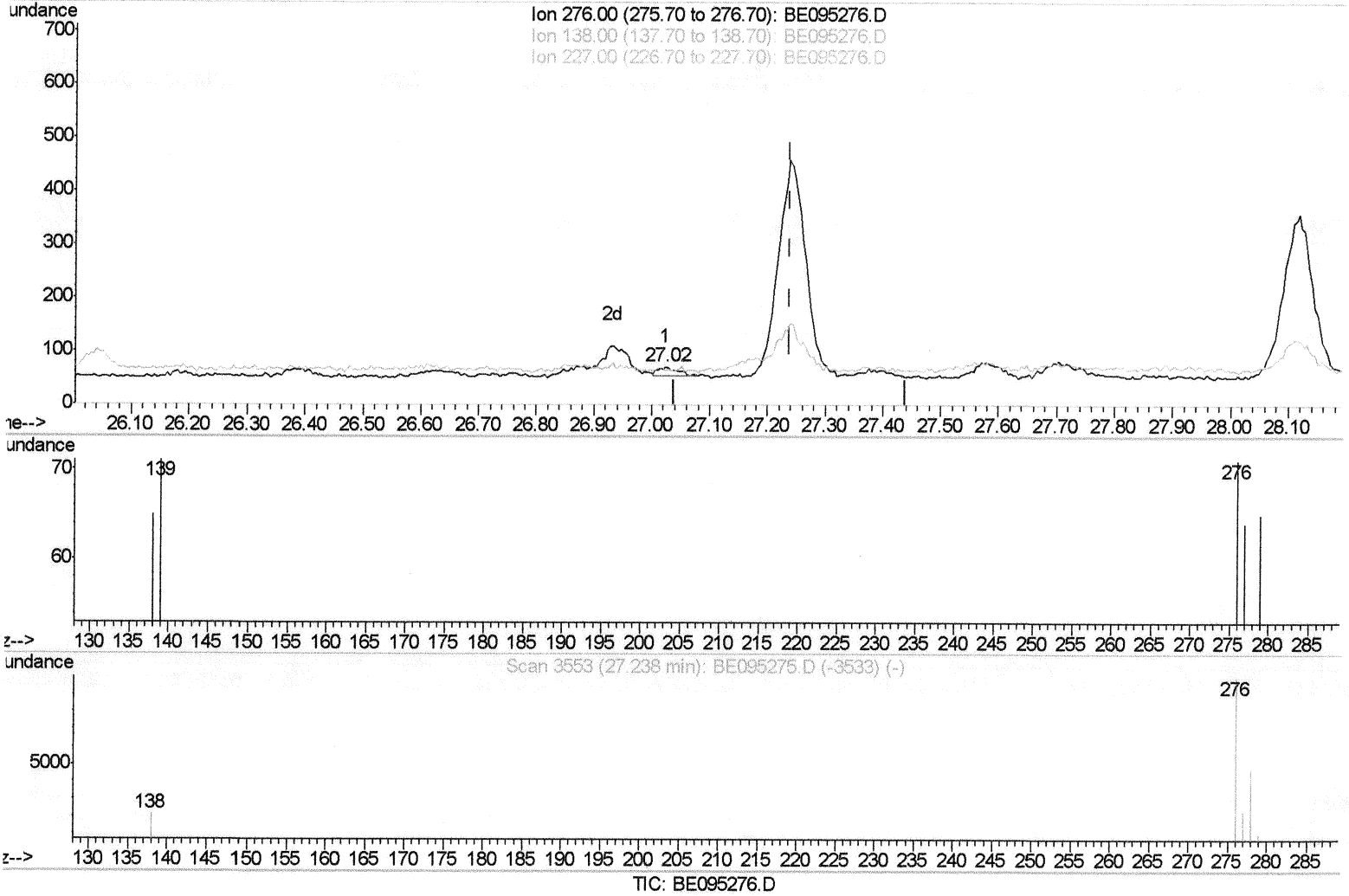
Client Sampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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

27.024min (-0.215) 0.00ng/ul

1/31/2018 8:27:49 PM

Sohil

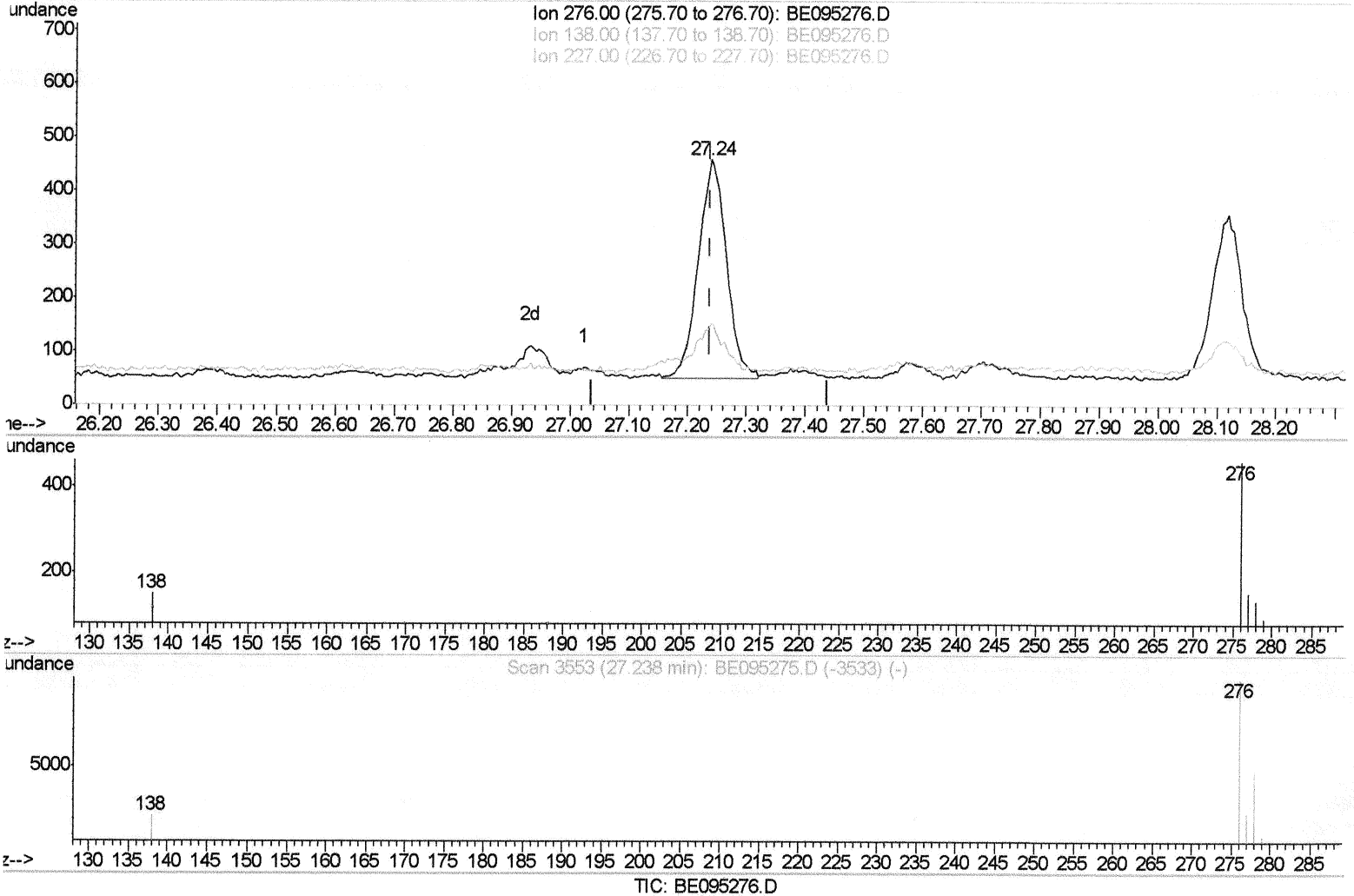
Manual Integrations
 APPROVED

Instrument :
 BNA_E
 ClientSampled :
 #06854

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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

27.238min (-0.000) 0.04ng/ul m 5 SJ 2/1/18

1/31/2018 8:27:49 PM
 Sohll

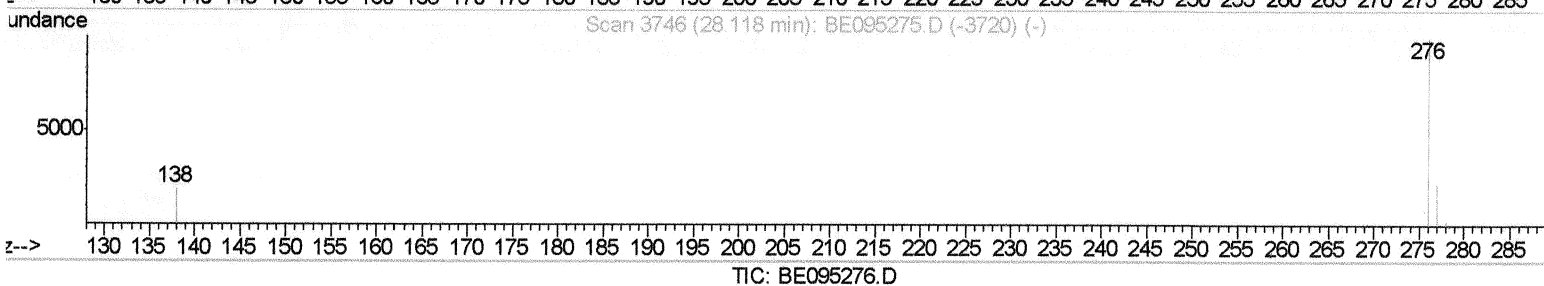
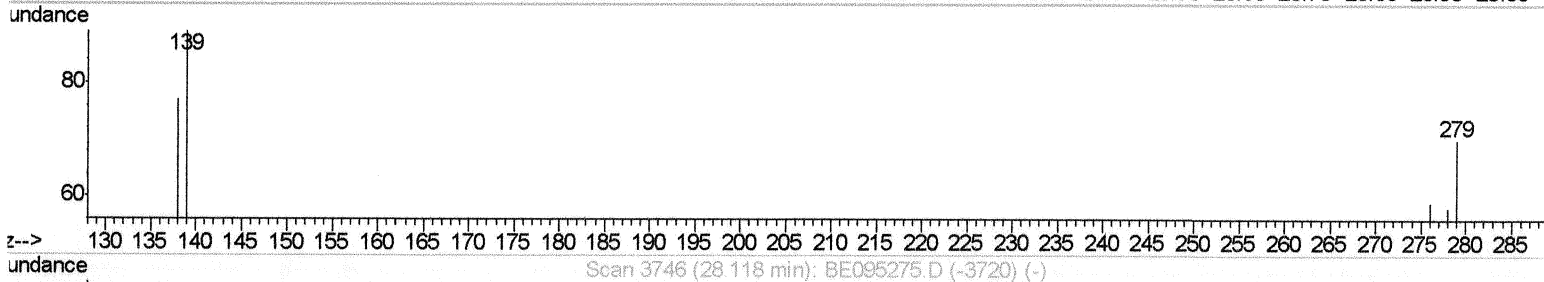
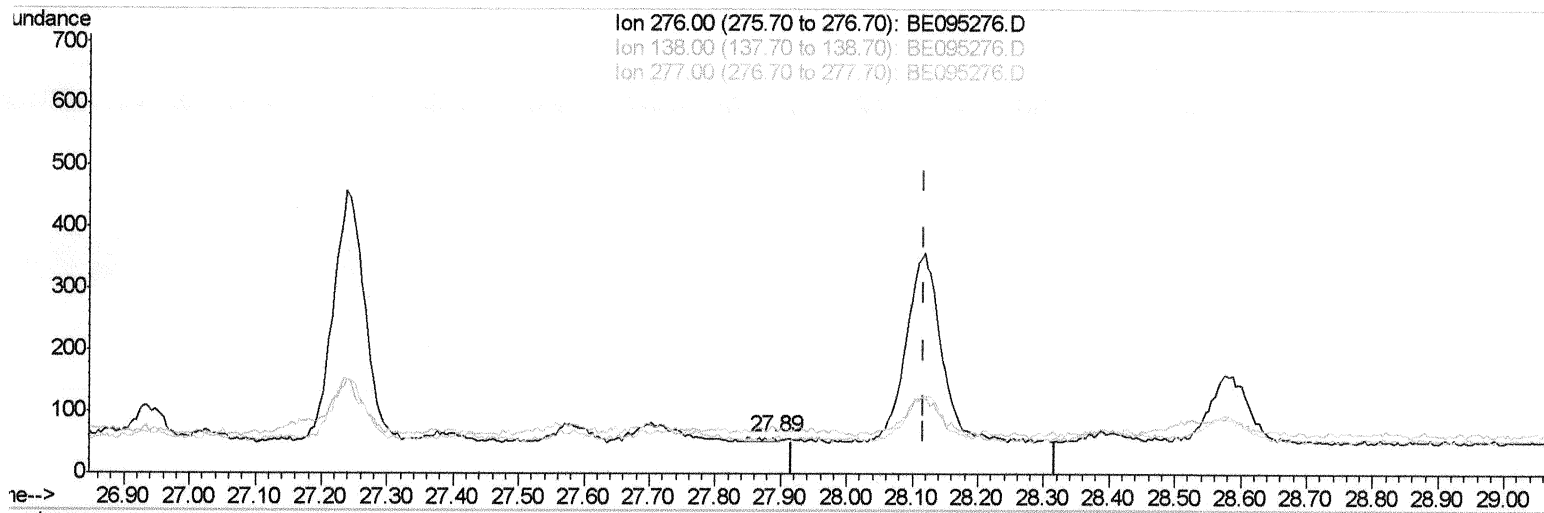
APPROVED
 Manual Integrations

Instrument : BNA_E
 ClientSampled : #0F6B54
 #5

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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

27.890min (-0.228) 0.00ng/ul

1/31/2018 8:27:49 PM

Sohil

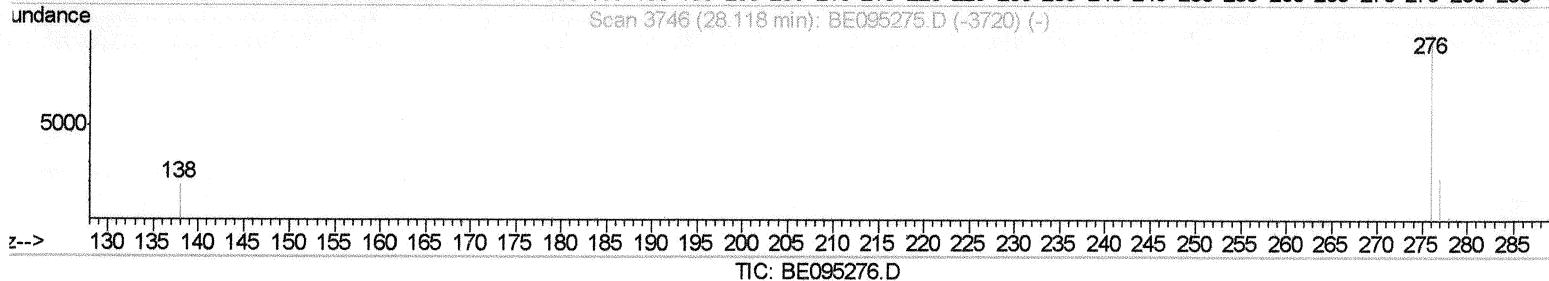
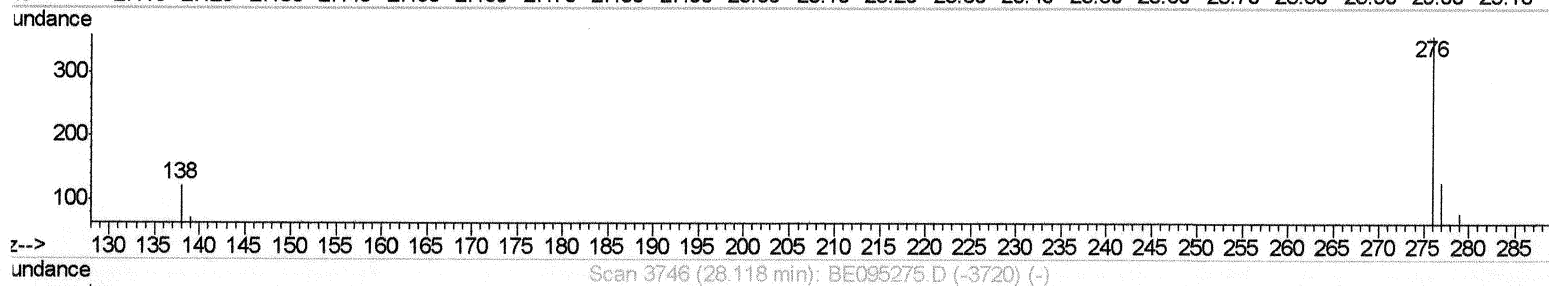
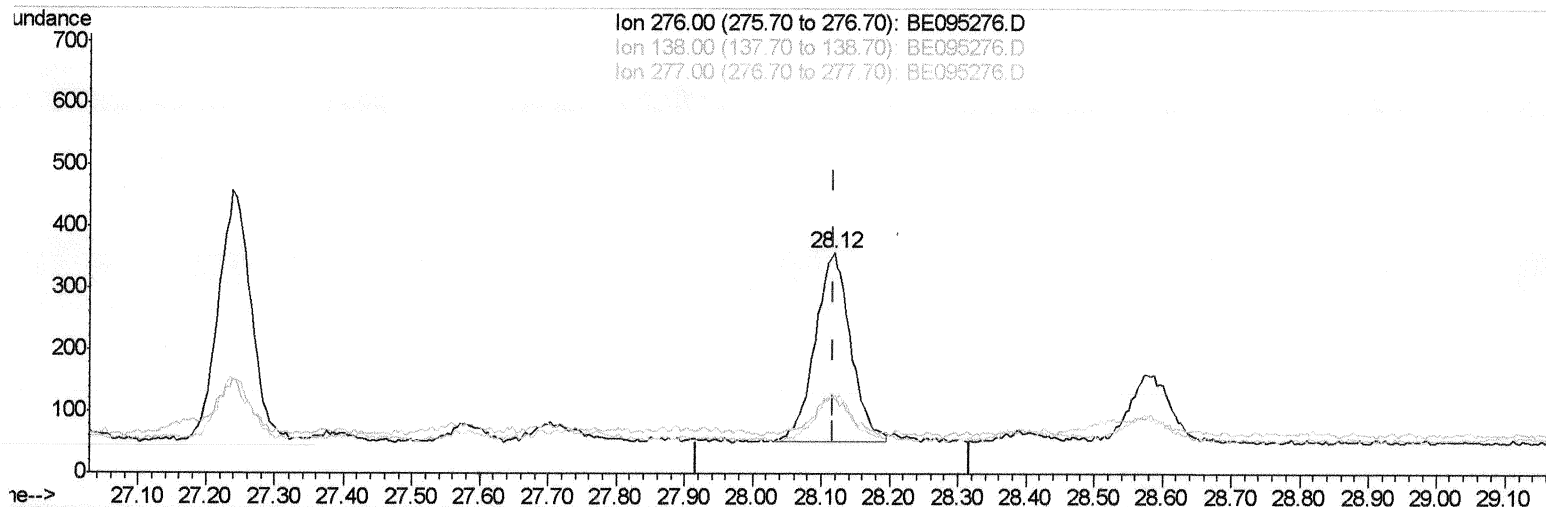
Manual Integrations
 APPROVED

Instrument : BNA_E
 ClientSampled : #2
 F6854

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:31:14 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

28.117min (-0.000) 0.04ng/ul m > SJ 2/1/18

1/31/2018 8:27:49 PM
 Sohll

Manual Integrations
 APPROVED

Instrument :
 BNA_E
 ClientSampled :
 #5
 F6854

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 01:37:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : 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	2384	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7369	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4745	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9701m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10057	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9140m	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	4056	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10606	0.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	14048	0.681	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	2857	0.207	ng/ul	100
7) Acenaphthylene	14.75	152	4142	0.181	ng/ul	99
8) Acenaphthene	15.08	153	9917	0.560	ng/ul	94
9) Fluorene	16.02	166	9315	0.510	ng/ul#	75
12) Phenanthrene	17.75	178	18920	0.580	ng/ul#	87
13) Anthracene	17.84	178	6888	0.231	ng/ul#	92
15) Fluoranthene	19.72	202	13726	0.325	ng/ul	85
17) Pyrene	20.08	202	10068m	0.298	ng/ul	
18) Benzo(a)anthracene	21.79	228	5003	0.159	ng/ul#	85
19) Chrysene	21.84	228	3492	0.107	ng/ul	94
21) Benzo(b)fluoranthene	23.62	252	3818m	0.118	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1043m	0.035	ng/ul	
23) Benzo(a)pyrene	24.32	252	2415m	0.084	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1348m	0.043	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	1106m	0.041	ng/ul	

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

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Sohil

Manual Integrations
APPROVEDInstrument : BNA_E
Client Sampled : F6854