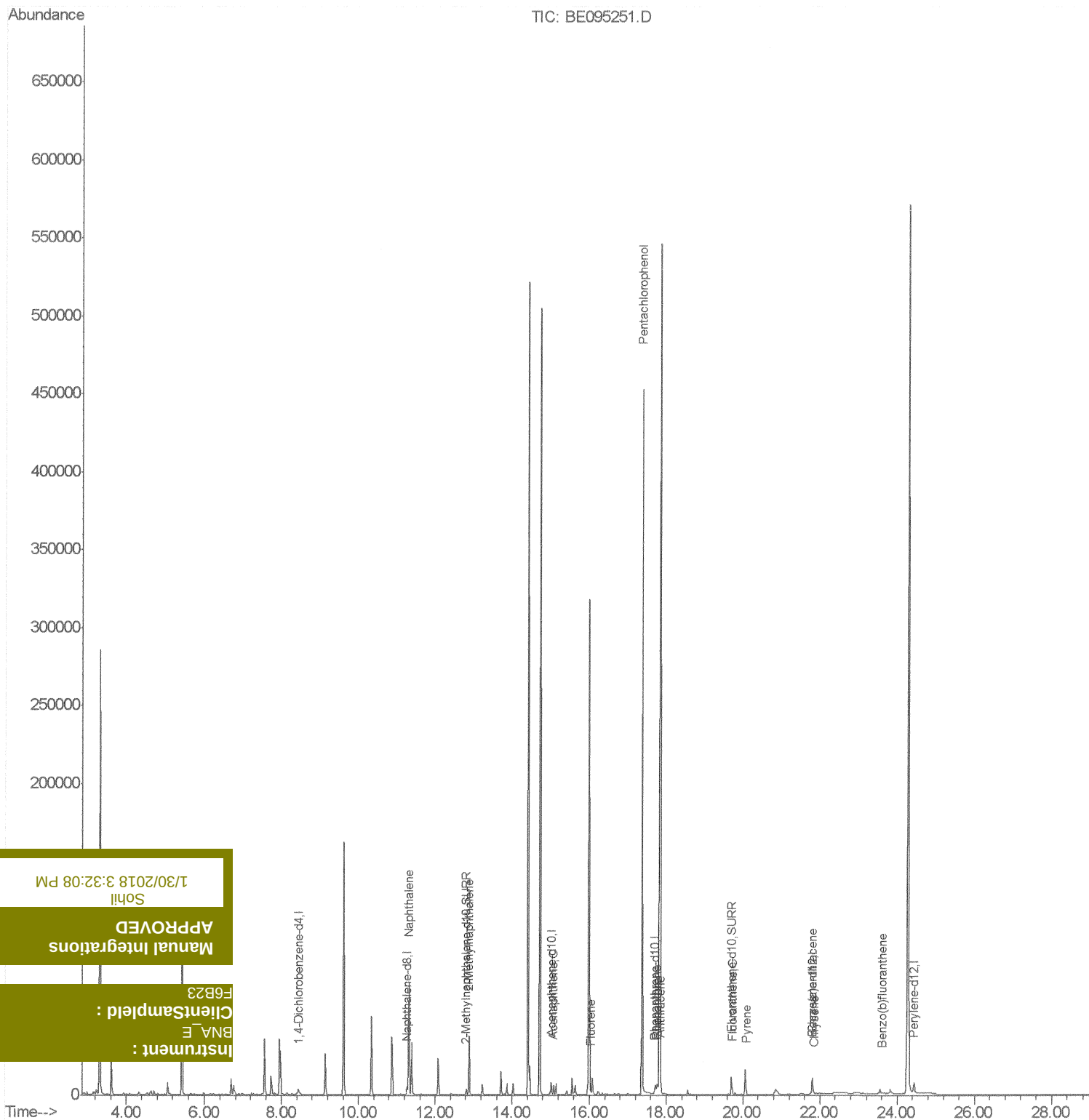


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

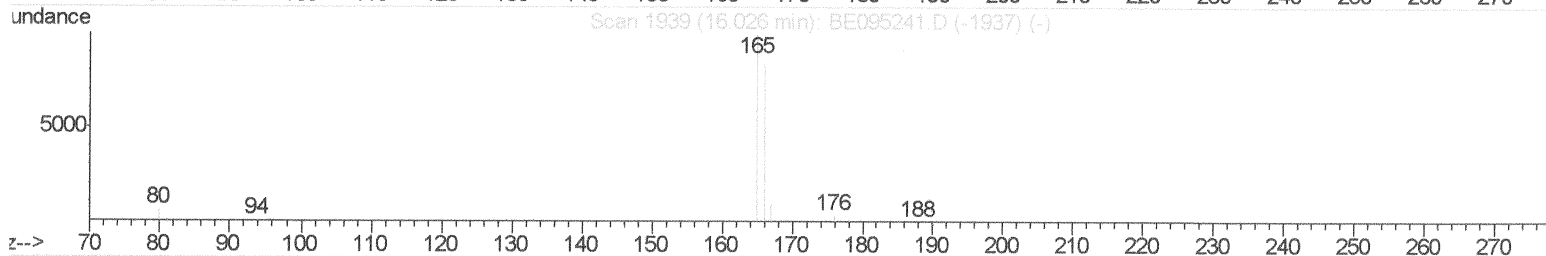
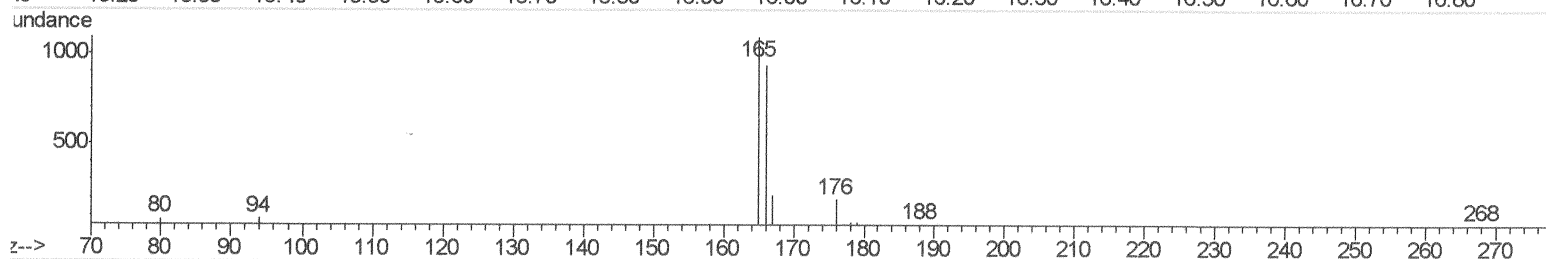
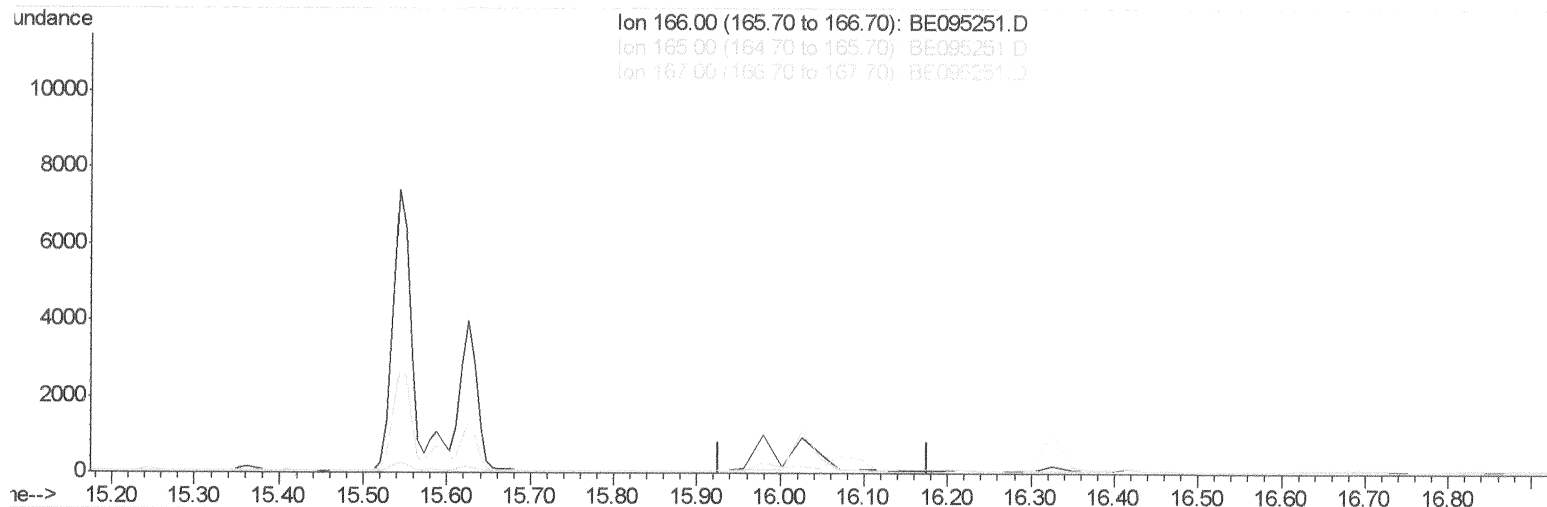
Quant Time: Jan 30 05:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 04:45:10 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



(9) Fluorene

16.026min (-16.026) 0.00ng/ul

1/30/2018 3:32:08 PM

Sohil

APPROVED

Manual Integrations

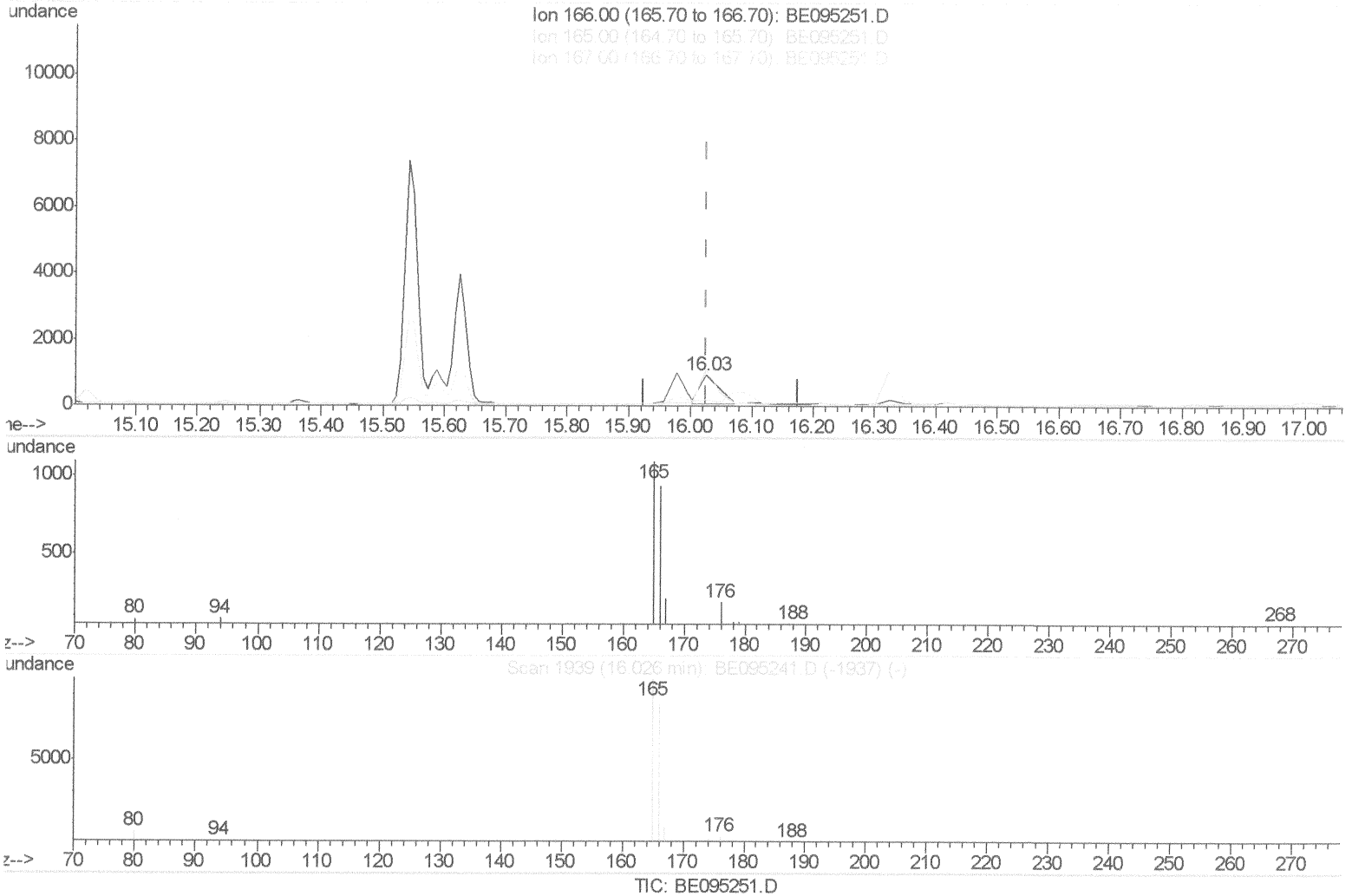
#ClientSampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095251.D
Acq On : 29 Jan 2018 17:44
Operator : SJ/JU
Sample : J1233-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 04:45:10 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



(9) Fluorene

16.025min (-0.001) 0.11ng/ul m

Handwritten signature

1/30/2018 3:32:08 PM

Sohil

APPROVED

Manual Integrations

#087011 08-16-2018 08:30:11

#087011 08-16-2018 08:30:11

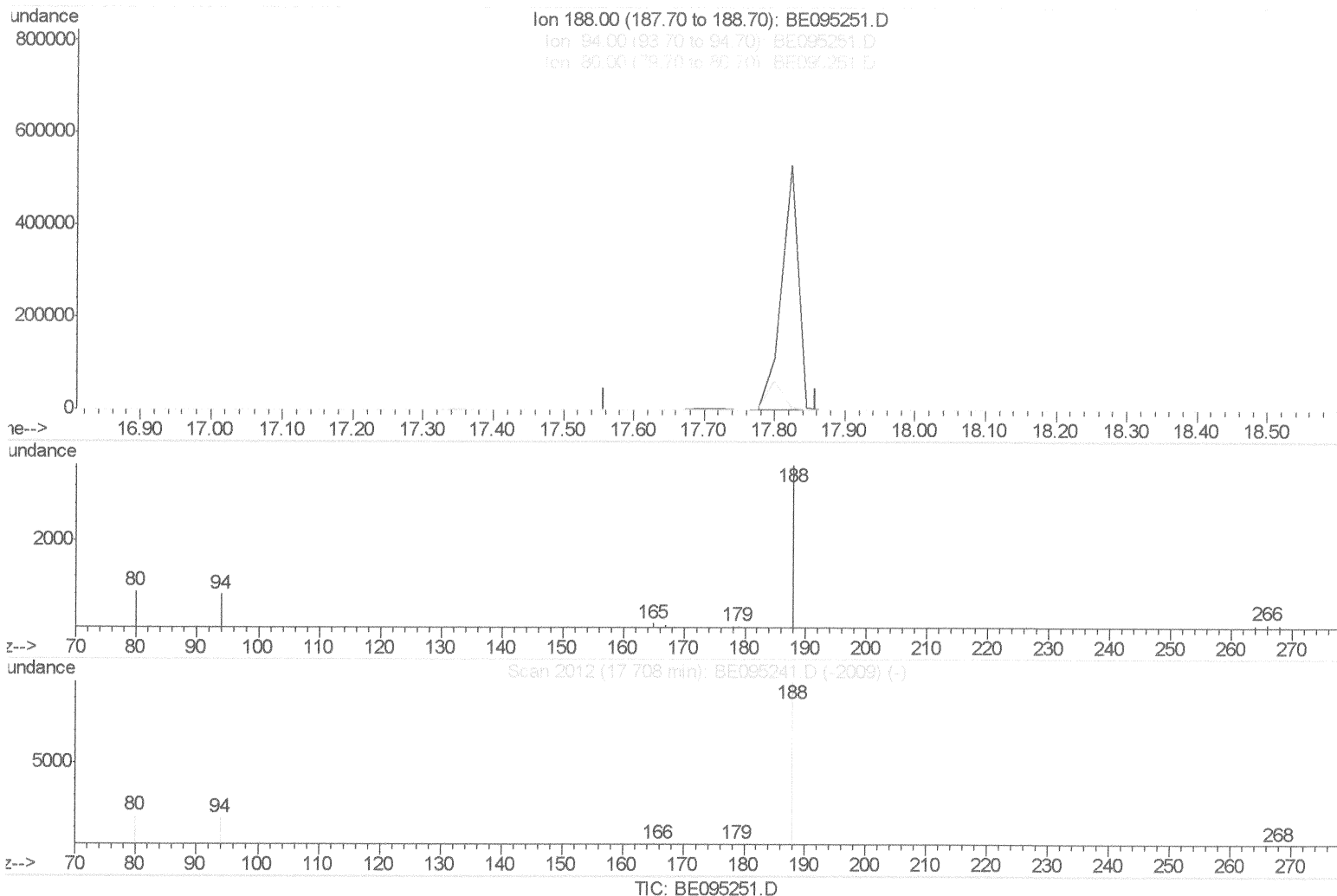
Client Sampled :

Instrument :
BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 04:45:10 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 3:32:08 PM
 Sohll

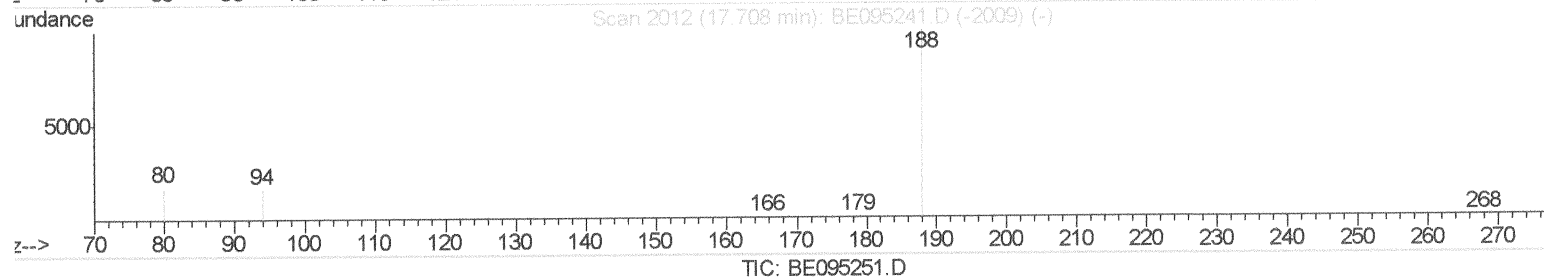
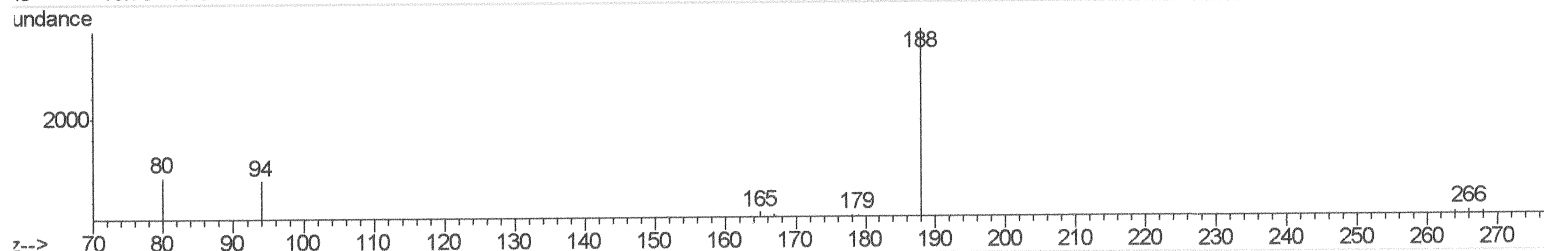
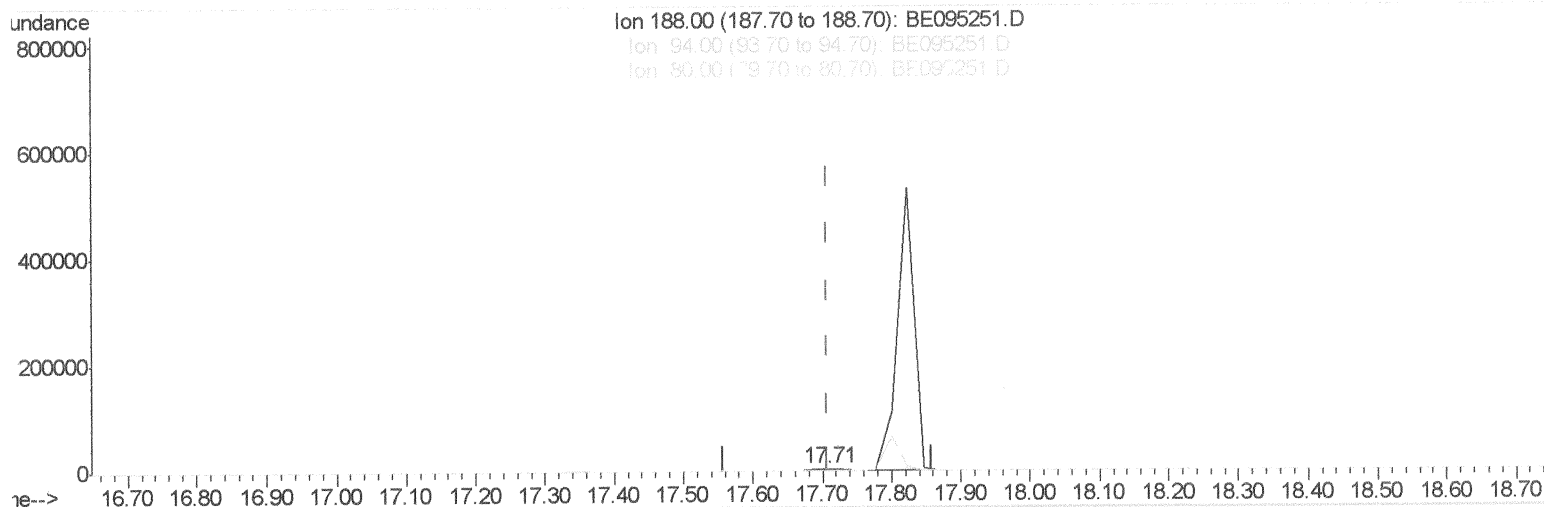
Manual Integrations
 APPROVED

Instrument : BNA_E
 ClientSample : F6B23
 #0010

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 04:45:10 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

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1/30/2018 3:32:08 PM

Sohil

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Manual Integrations

94.00 11.00 22.06#

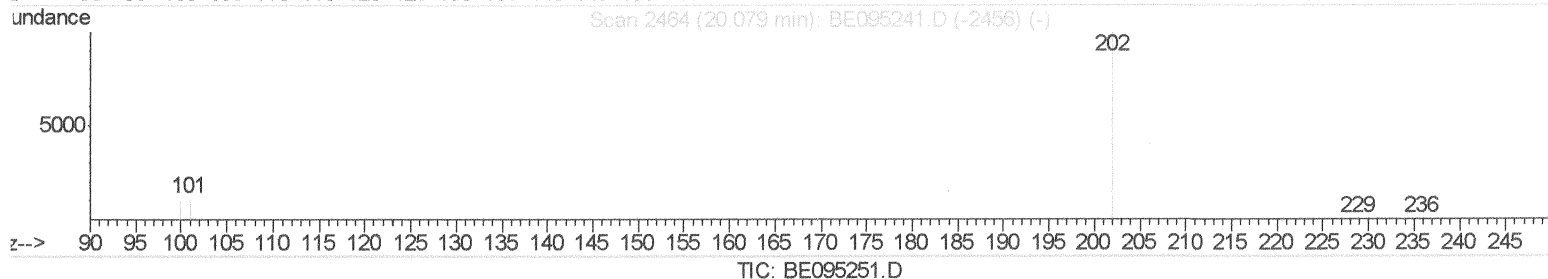
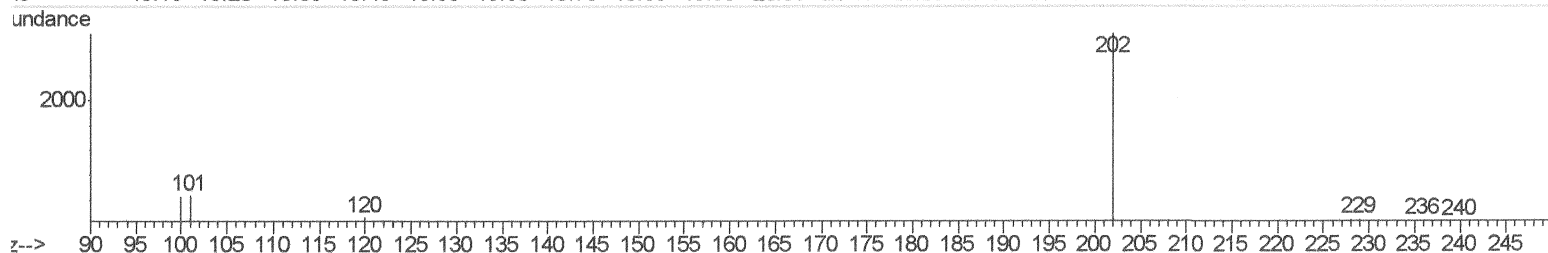
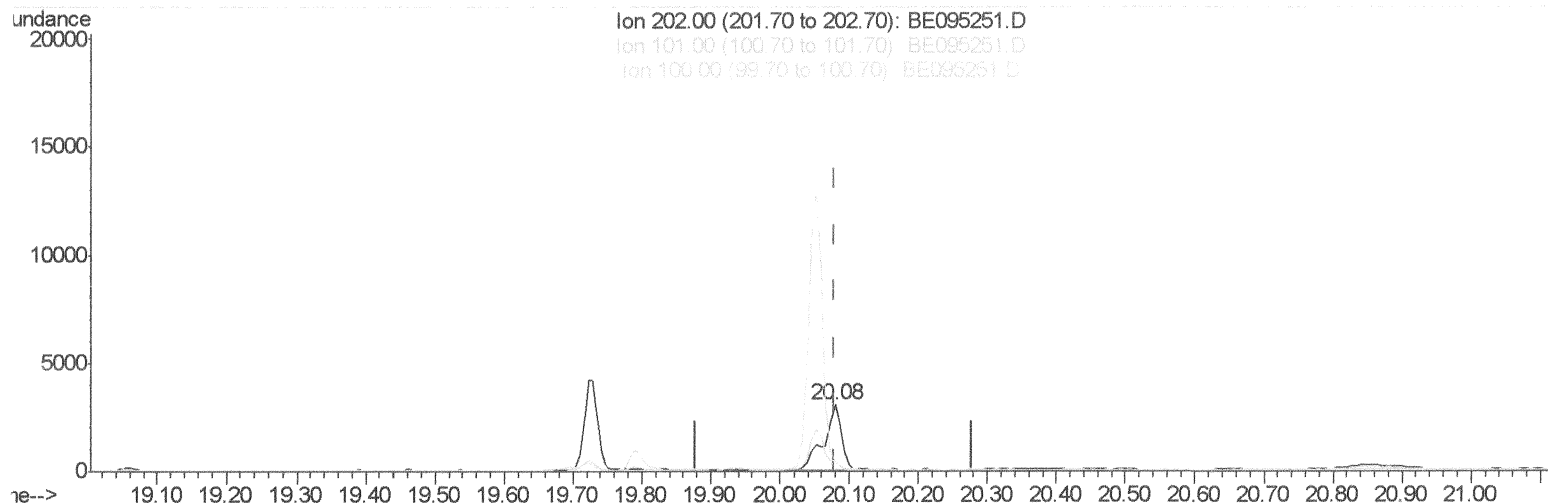
Client Sample: #56

Instrument: BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 05:56:13 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



(17) Pyrene

20.079min (+0.000) 0.19ng/ul

1/30/2018 3:32:08 PM

Sohil

Manual Integrations
 APPROVED

12# 08.10 22.80 15.12

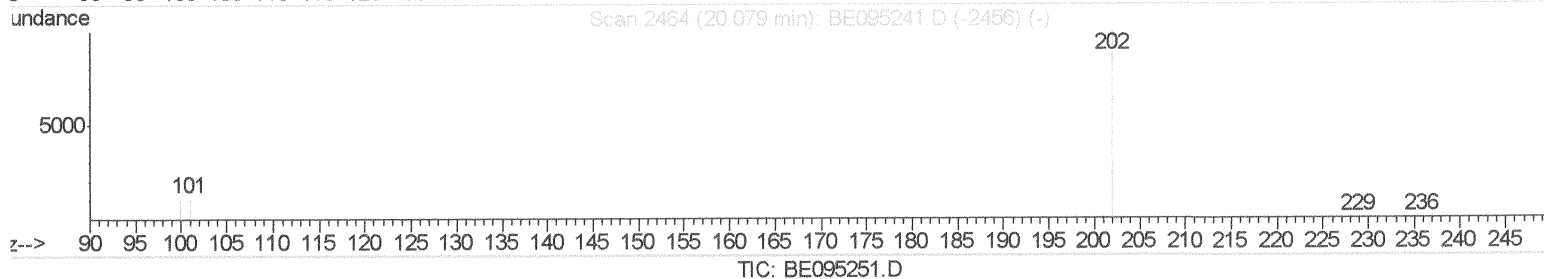
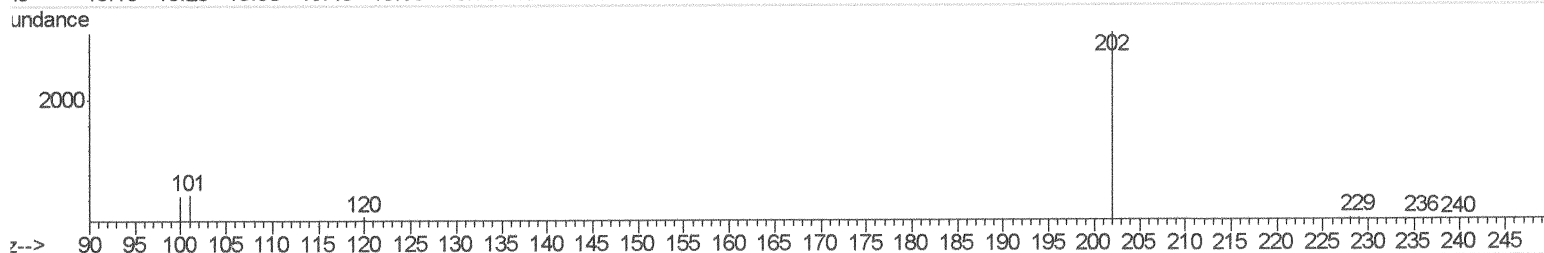
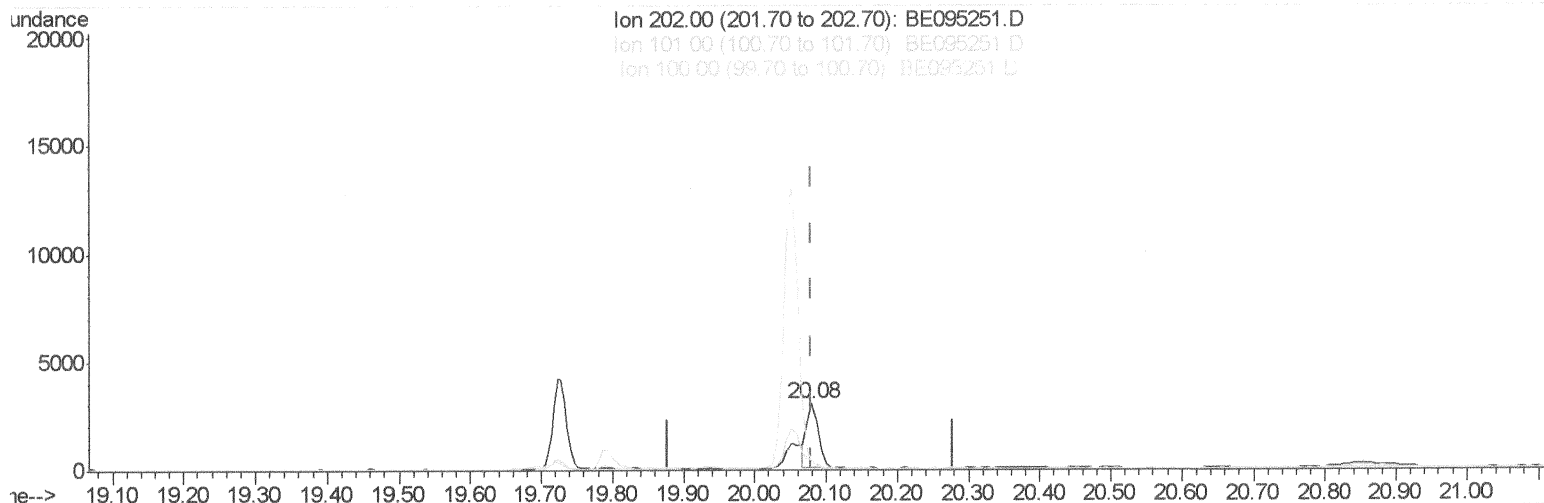
Client Sampled : #67

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 05:56:13 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



(17) Pyrene

20.079min (+0.000) 0.10ng/ul m

signature

1/30/2018 3:32:08 PM

Sohil

APPROVED

Manual Integrations

#15.12 08.22 00.101

#67 F6B23

Client Sampled :

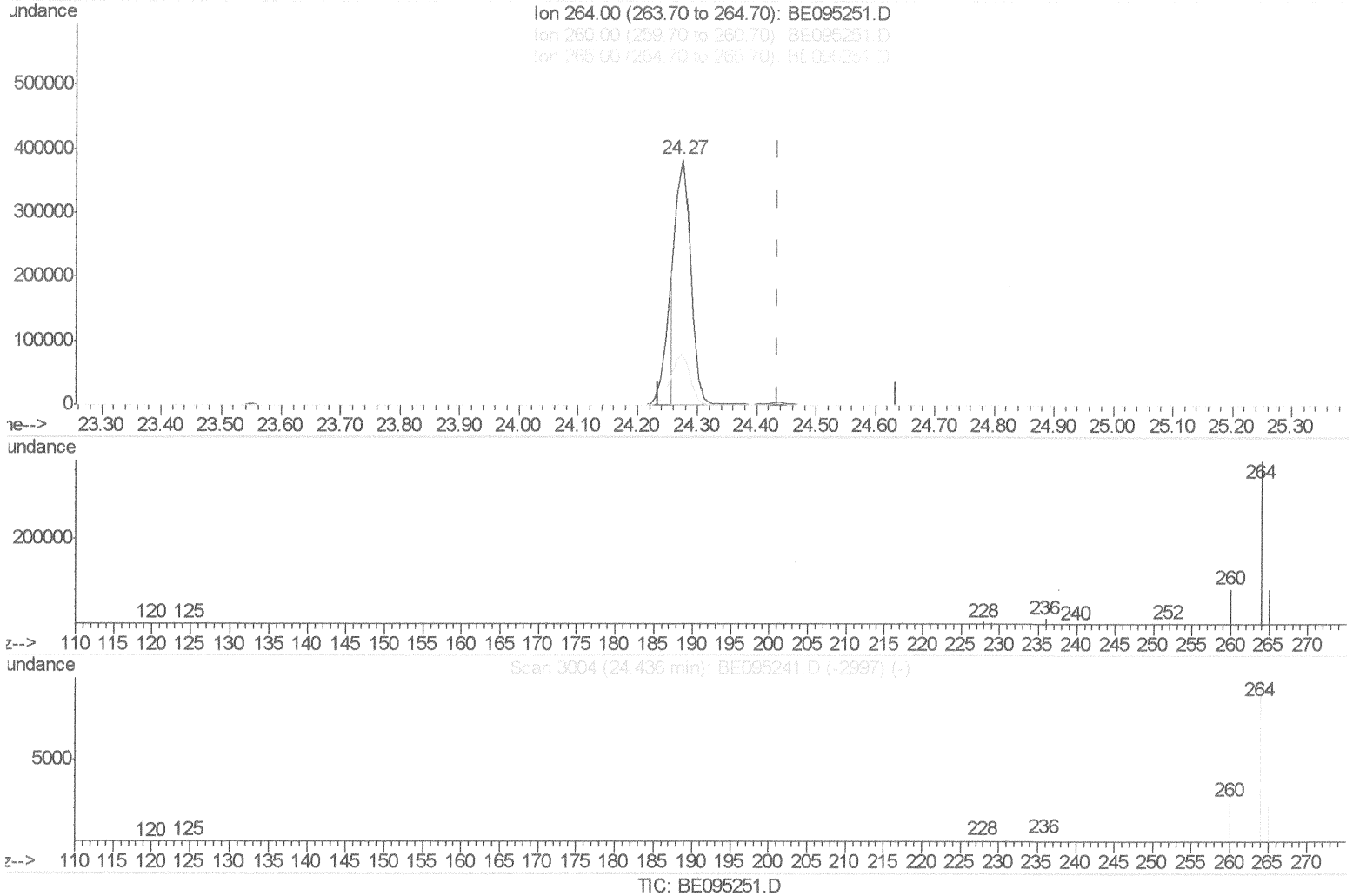
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 05:56:13 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 (-0.161) 0.40ng/ul

1/30/2018 3:32:08 PM
 Sohll

Manual Integrations
 APPROVED

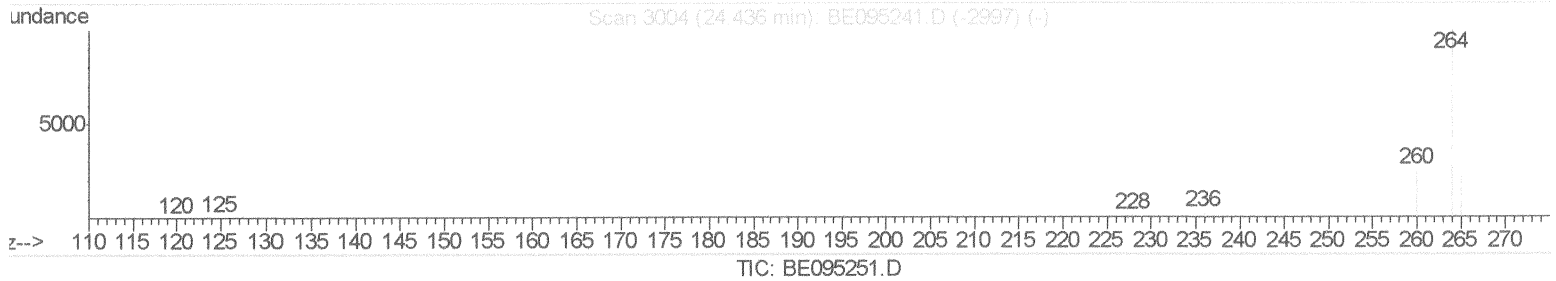
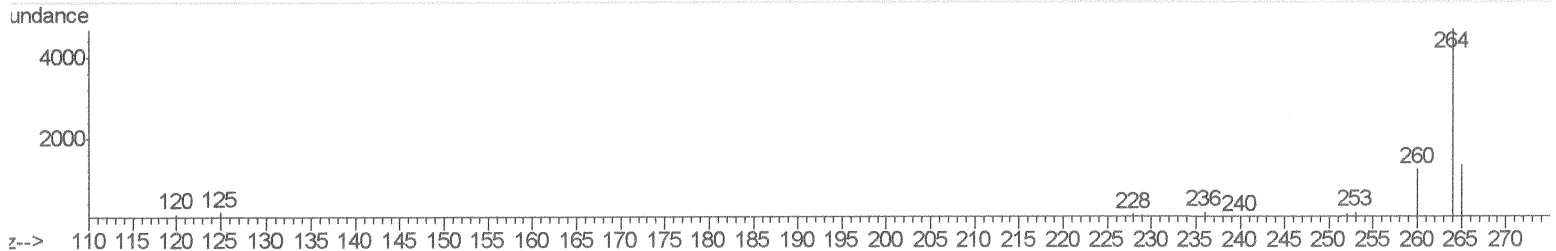
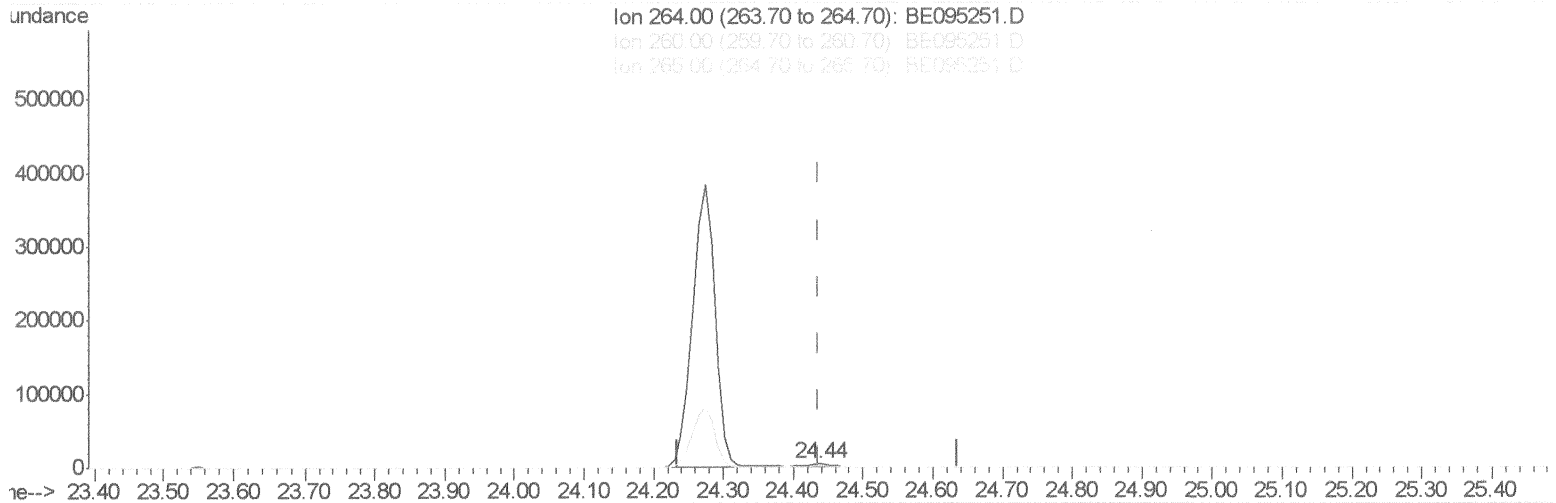
24.27 01.00 21.34#

Instrument :
 BNA_E
 ClientSampled :
 #03
 F6B23

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095251.D
Acq On : 29 Jan 2018 17:44
Operator : SJ/JU
Sample : J1233-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 05:56:13 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 (+0.001) 0.40ng/ul m

Handwritten signature

1/30/2018 3:32:08 PM

Sohil

APPROVED

Manual Integrations

26.26 01.03 00.09

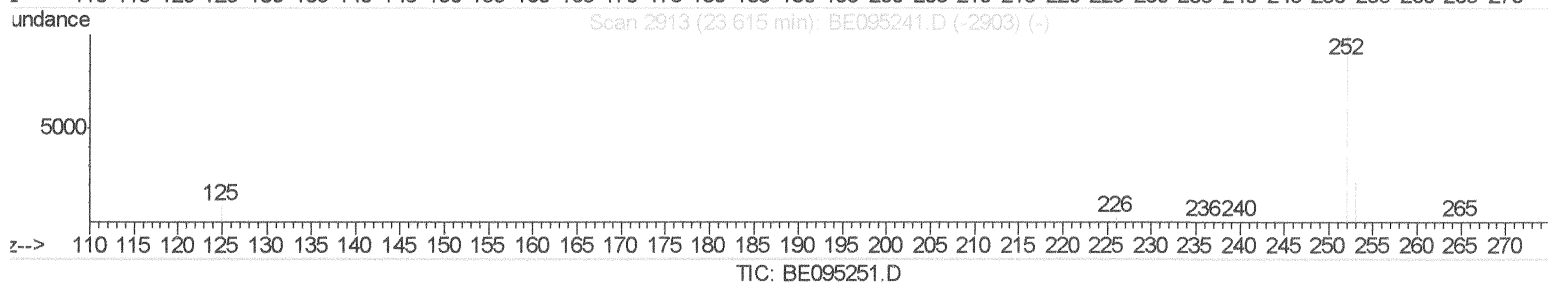
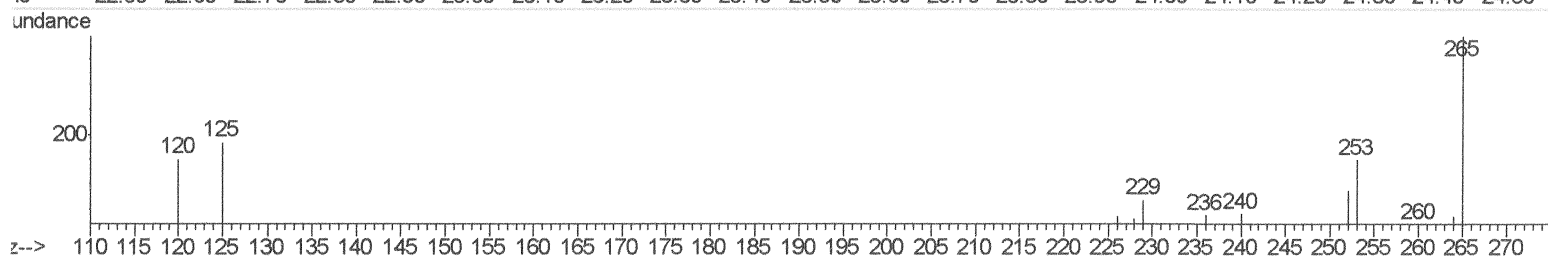
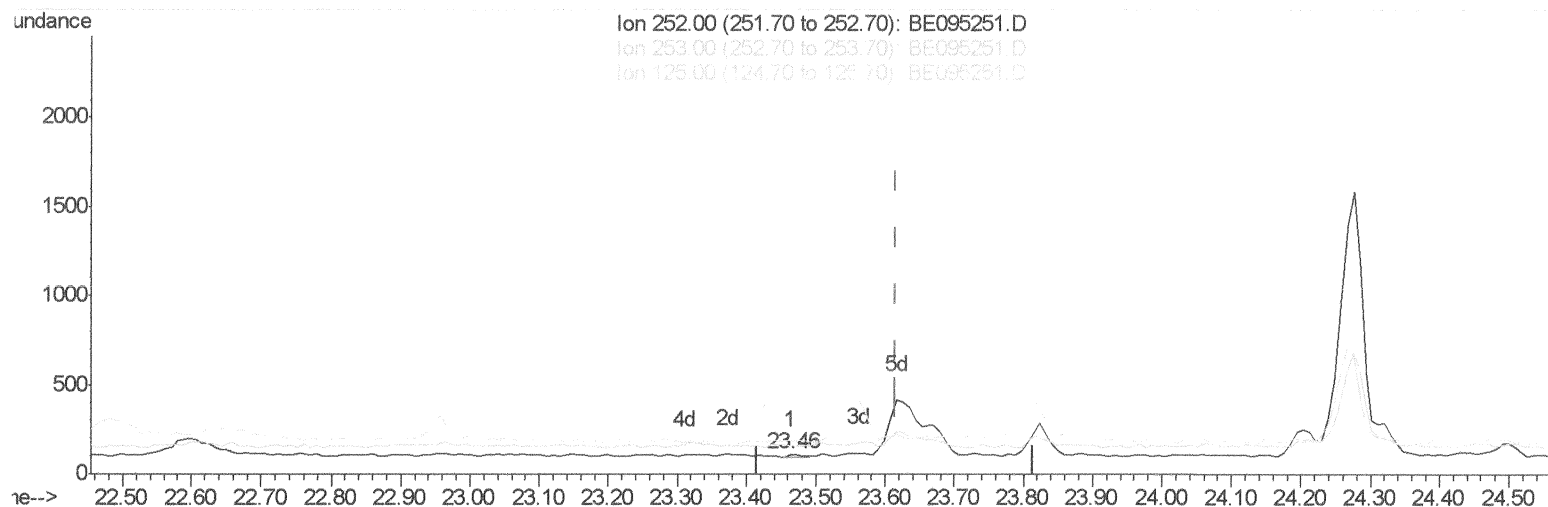
#61 Client Sampled : F6B23

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 05:57:08 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
 23.463min (-0.152) 0.00ng/ul

1/30/2018 3:32:08 PM

Sohil

APPROVED

Manual Integrations

253.00 32.10 145.45#

F6B23

Client Sampled : #00

BNA_E

Instrument :

```
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\  
Data File : BE095251.D  
Acq On    : 29 Jan 2018   17:44  
Operator  : SJ/JU  
Sample    : J1233-19  
Misc      :  
ALS Vial  : 12      Sample Multiplier: 1
```

undance

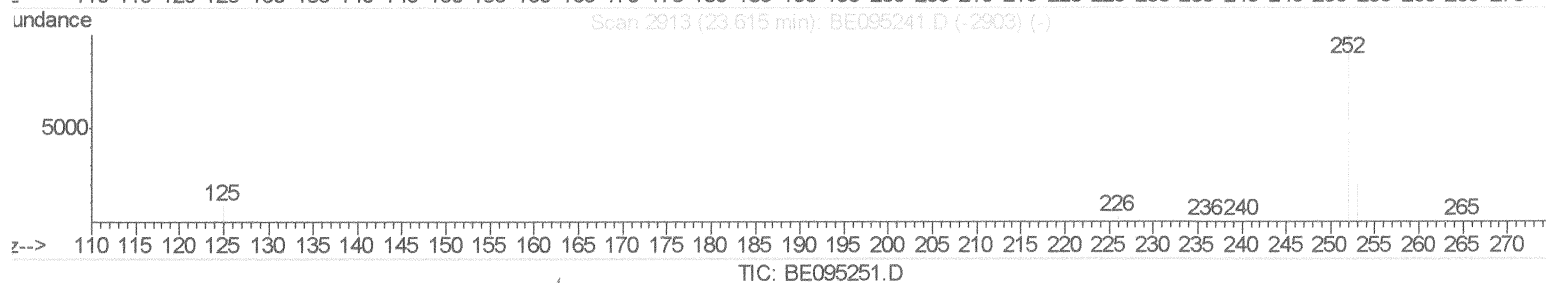
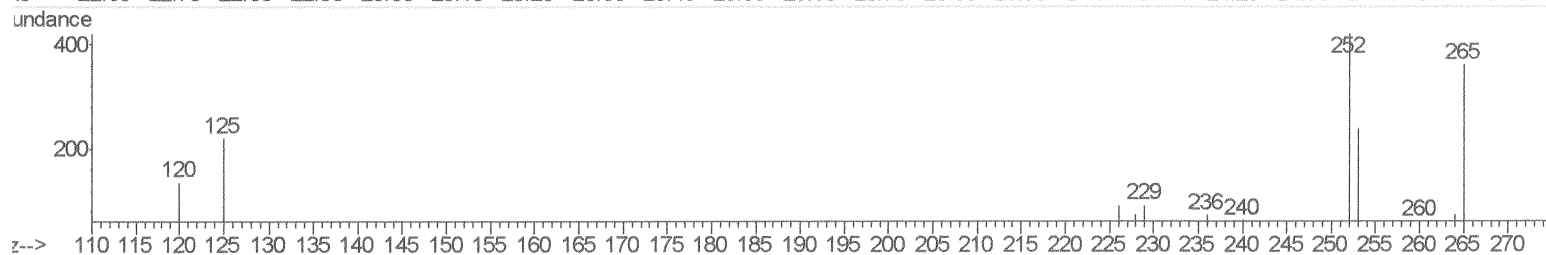
Ion 252.00 (251.70 to 252.70): BE095251.D
Ion 253.00 (252.70 to 253.70): BE095251.D
Ion 125.00 (124.70 to 125.70): BE095251.D

2000
1500
1000
500
0

4d 2d 1 3d 5d 23.62

1e--> 22.60 22.70 22.80 22.90 23.00 23.10 23.20 23.30 23.40 23.50 23.60 23.70 23.80 23.90 24.00 24.10 24.20 24.30 24.40 24.50 24.60

Detailed description: This is a mass spectrum plot with 'undance' (abundance) on the y-axis and time in minutes on the x-axis. The y-axis has major ticks at 0, 500, 1000, 1500, and 2000. The x-axis has major ticks every 0.10 minutes from 22.60 to 24.60. The plot shows a baseline with several small peaks labeled '4d', '2d', '1', and '3d' between 23.30 and 23.50 minutes. A larger peak labeled '5d' and '23.62' is at approximately 23.62 minutes. A very large, sharp peak is at approximately 24.25 minutes, reaching an abundance of about 1500. There are also smaller peaks around 23.80 and 24.50 minutes.



23.616min (+0.001) 0.03ng/ul m

1/30/2018 3:32:08 PM

1140S

Manual Integrations
APPROVED

253.00	32.10	56.67
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ClientSampleId : F6B23

Instrument :

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Disc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 05:58:47 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	2234	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6905	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4511	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11912m	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	9775	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9359m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	4325	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12621	0.28	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	102220	5.287	ng/ul#	87
5) 2-Methylnaphthalene	12.89	142	30384	2.353	ng/ul	100
8) Acenaphthene	15.08	153	3632	0.216	ng/ul	95
9) Fluorene	16.03	166	1862m	0.107	ng/ul	95
11) Pentachlorophenol	17.36	266	249442	108.114	ng/ul	96
12) Phenanthrene	17.75	178	7127	0.178	ng/ul#	86
13) Anthracene	17.85	178	1431	0.039	ng/ul#	92
15) Fluoranthene	19.72	202	5554	0.107	ng/ul	84
17) Pyrene	20.08	202	3430m	0.105	ng/ul	84
18) Benzo(a)anthracene	21.79	228	1357	0.044	ng/ul#	84
19) Chrysene	21.84	228	884	0.028	ng/ul#	80
21) Benzo(b)fluoranthene	23.62	252	868m	0.026	ng/ul	80

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

1/30/2018 3:32:08 PM

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Manual Integrations

F6B23

Client Sampled :

BNA_E

Instrument :