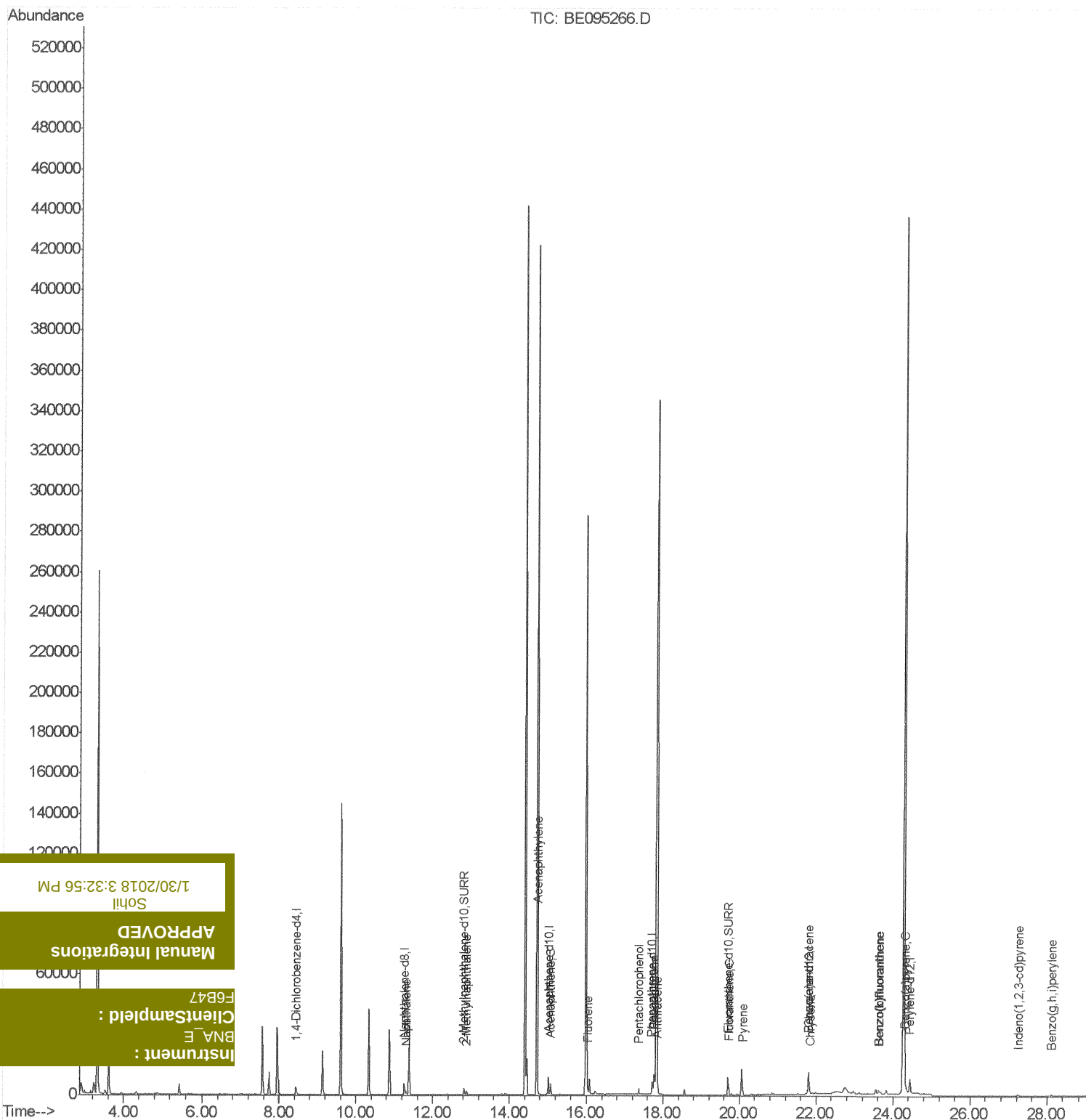


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

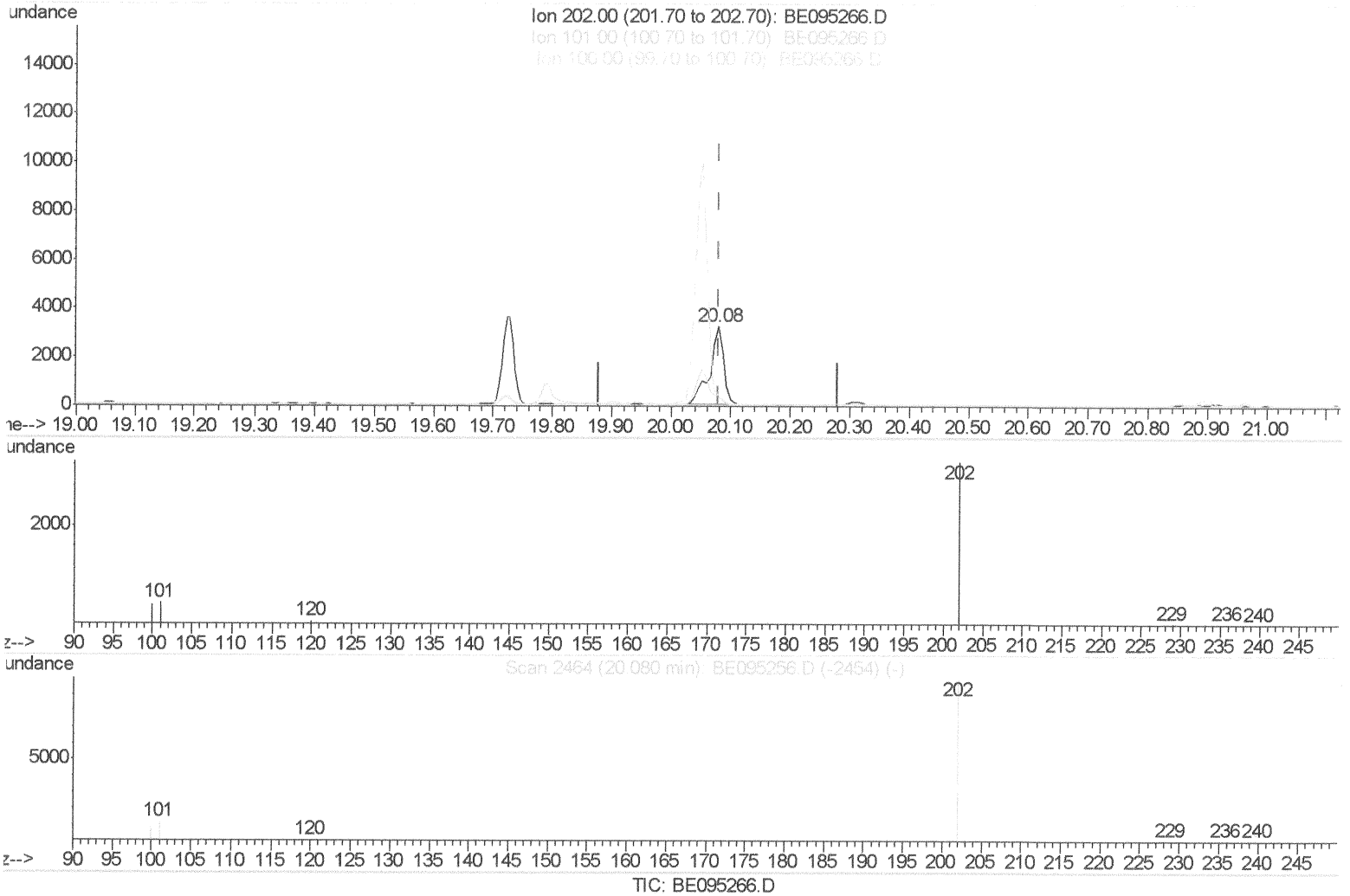
Quant Time: Jan 30 06:58:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:23:22 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



(17) Pyrene

20.079min (-0.001) 0.18ng/ul

1/30/2018 3:32:56 PM
 Sohll

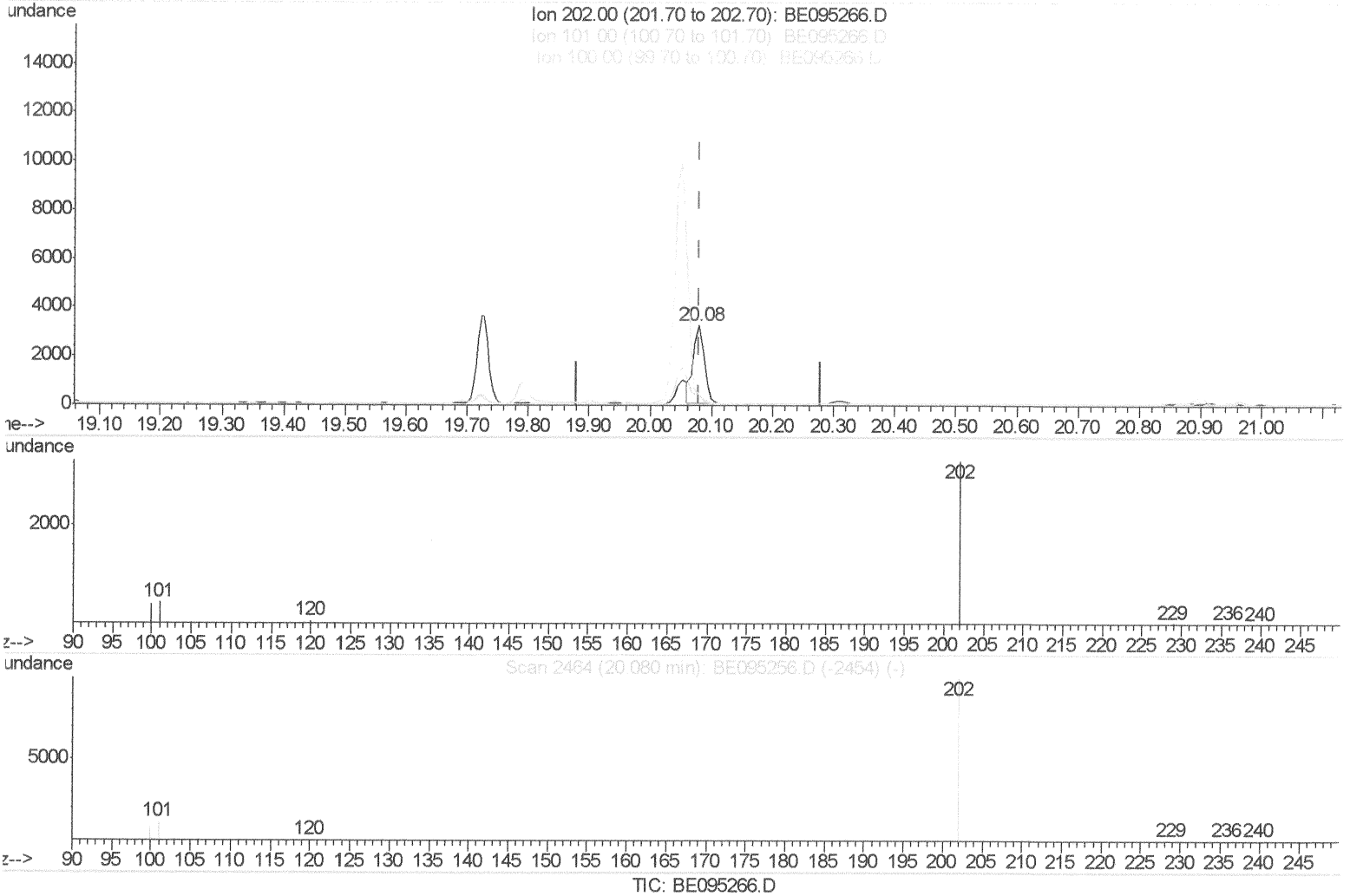
Manual Integrations
 APPROVED

Instrument : BNA_E
 Client Sample : F6847
 #1

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095266.D
Acq On : 30 Jan 2018 2:44
Operator : SJ/JU
Sample : J1244-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:23:22 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



(17) Pyrene

20.079min (-0.001) 0.12ng/ul m

202/1/18

1/30/2018 3:32:56 PM
Sohil

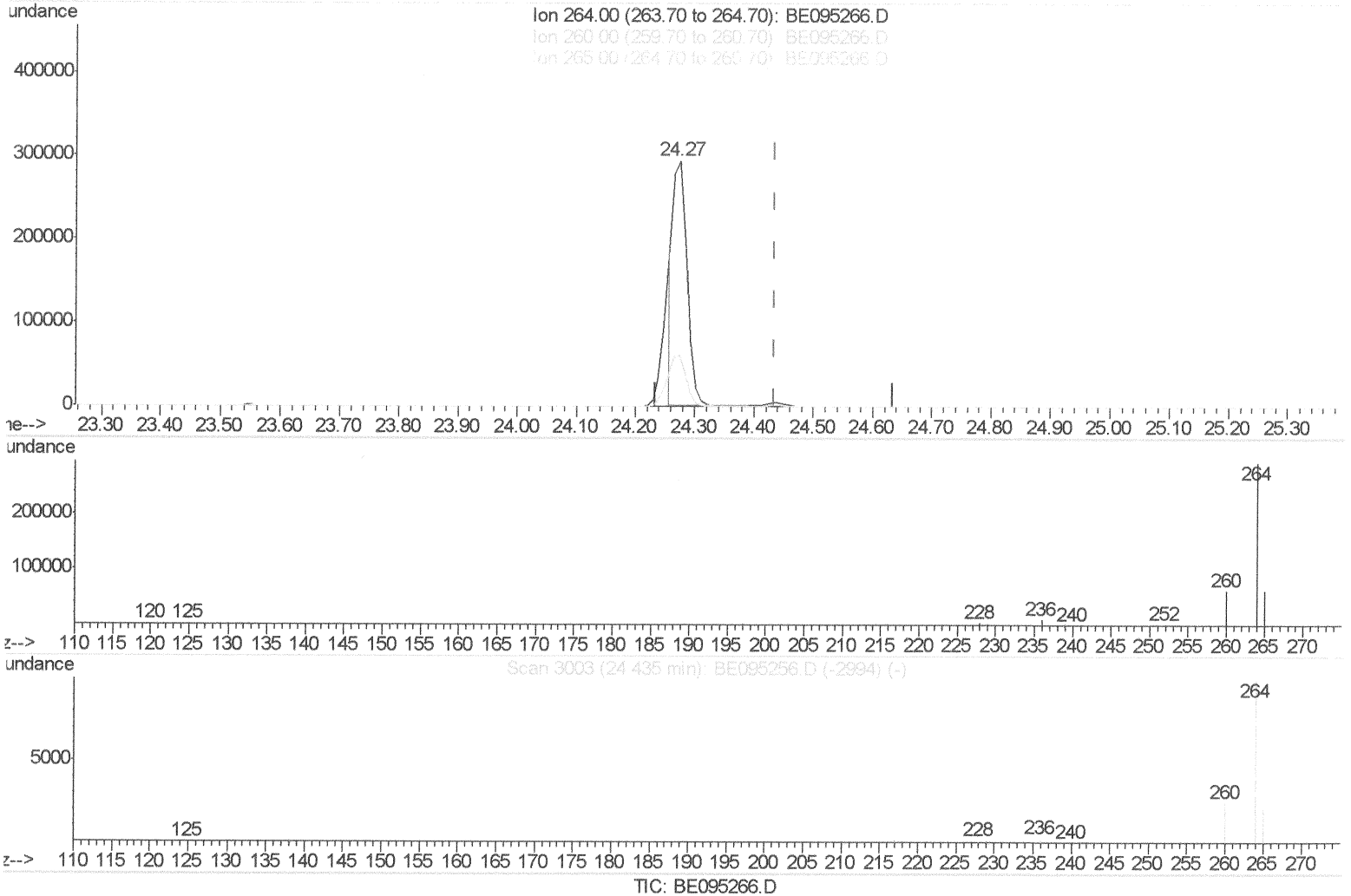
Manual Integrations
APPROVED

Instrument : BNA_E
Client Sampled : #1
F6B47

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095266.D
Acq On : 30 Jan 2018 2:44
Operator : SJ/JU
Sample : J1244-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:23:22 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



(20) Perylene-d12 (I)

24.274min (-0.161) 0.40ng/ul

1/30/2018 3:32:56 PM

Sohil

APPROVED

Manual Integrations

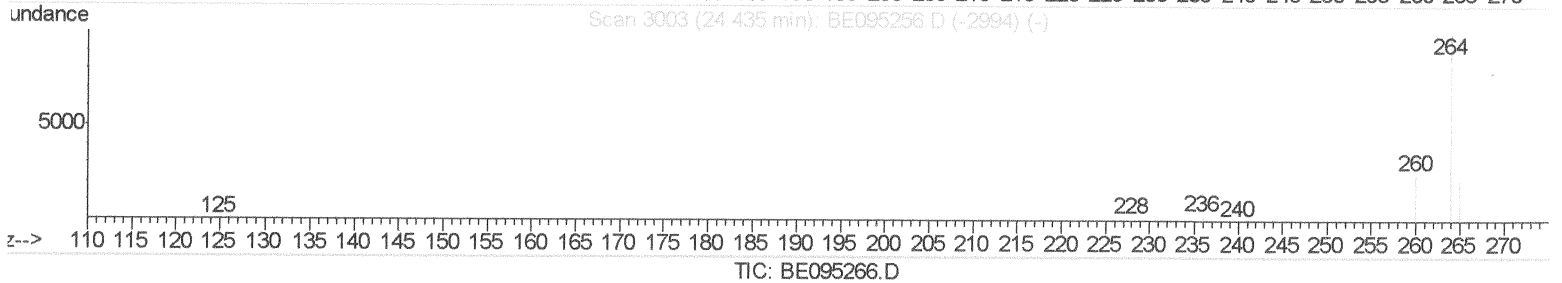
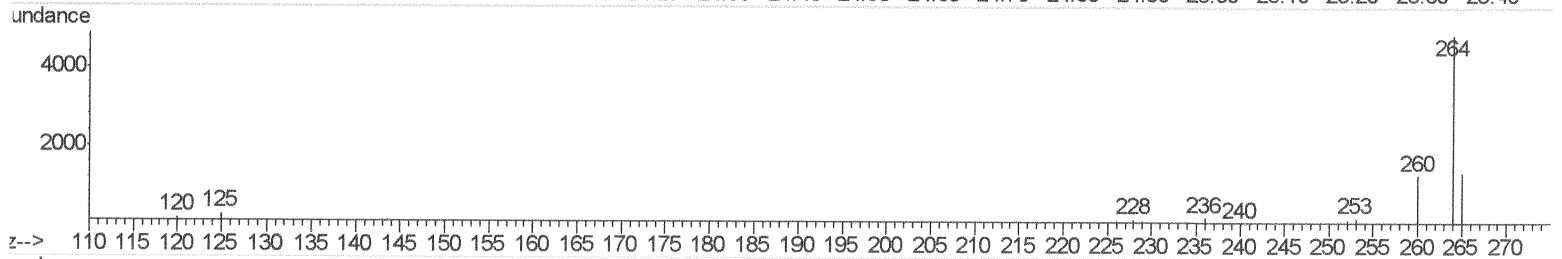
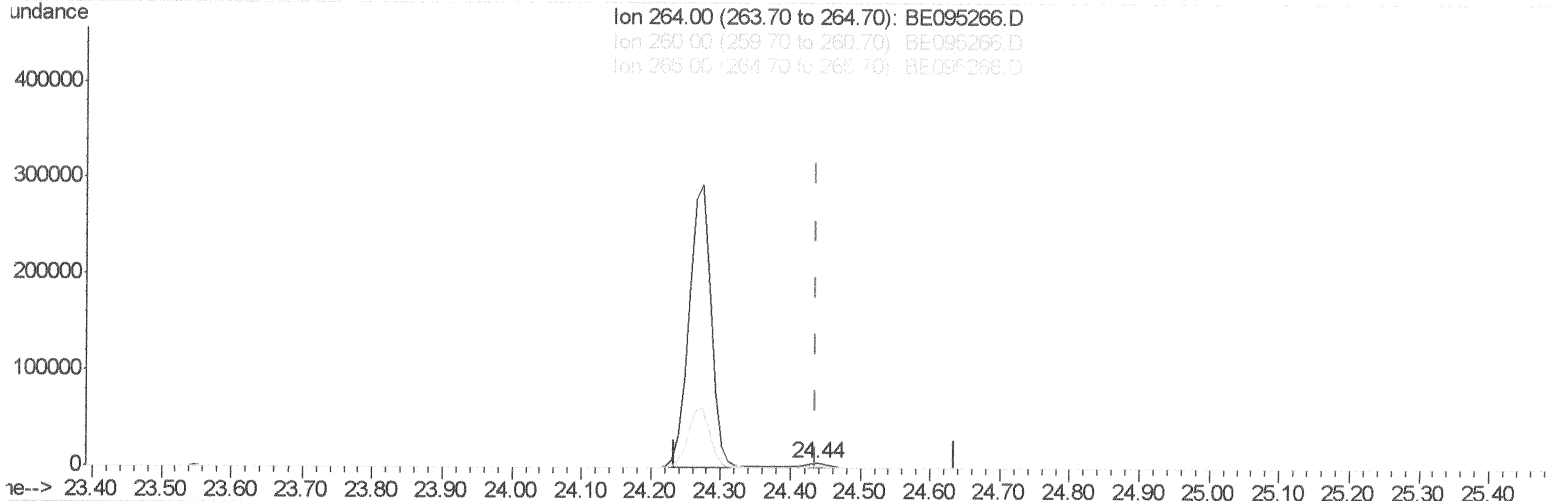
Client Sampled : #95

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095266.D
Acq On : 30 Jan 2018 2:44
Operator : SJ/JU
Sample : J1244-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:23:22 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



(20) Perylene-d12 (I)

24.436min (+0.001) 0.40ng/ul m

24.436min

1/30/2018 3:32:56 PM

Sohil

APPROVED

Manual Integrations

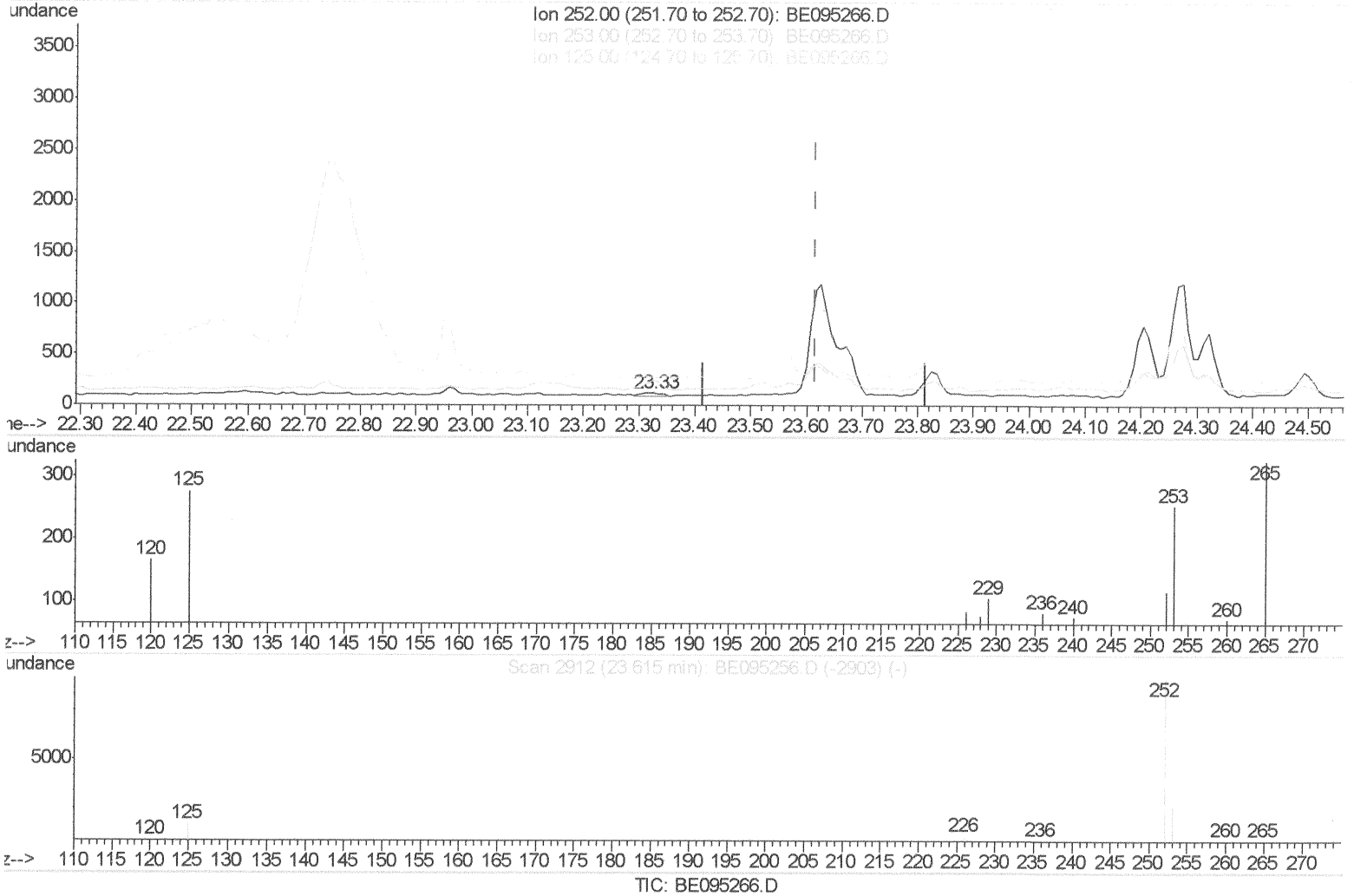
Client Sampled : #98

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095266.D
Acq On : 30 Jan 2018 2:44
Operator : SJ/JU
Sample : J1244-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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

23.328min (-0.287) 0.00ng/ul

1/30/2018 3:32:56 PM
Sohil

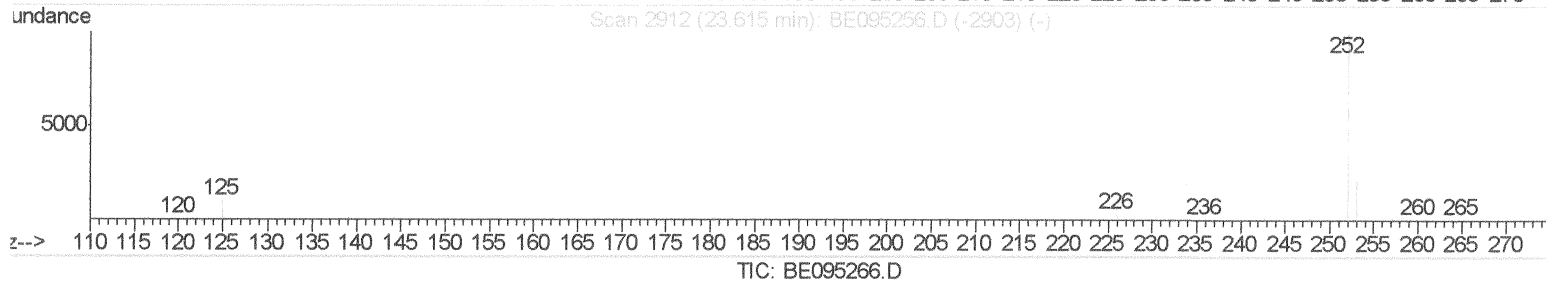
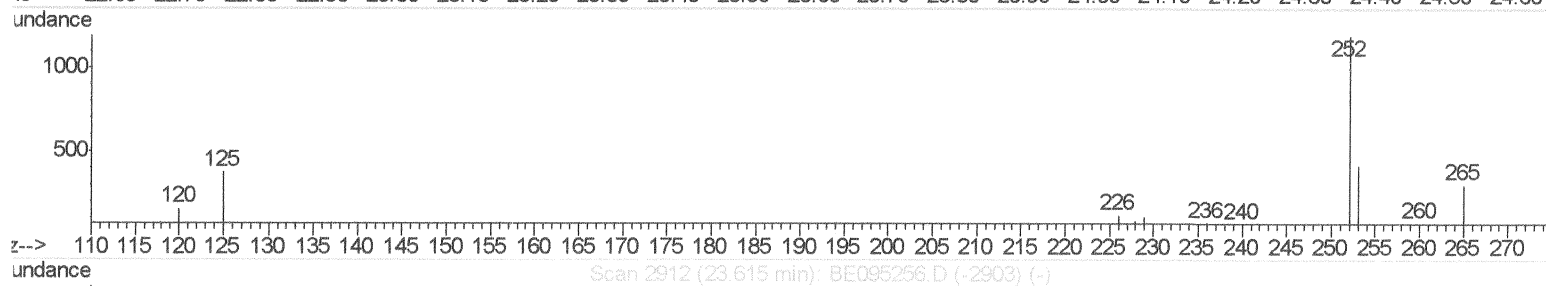
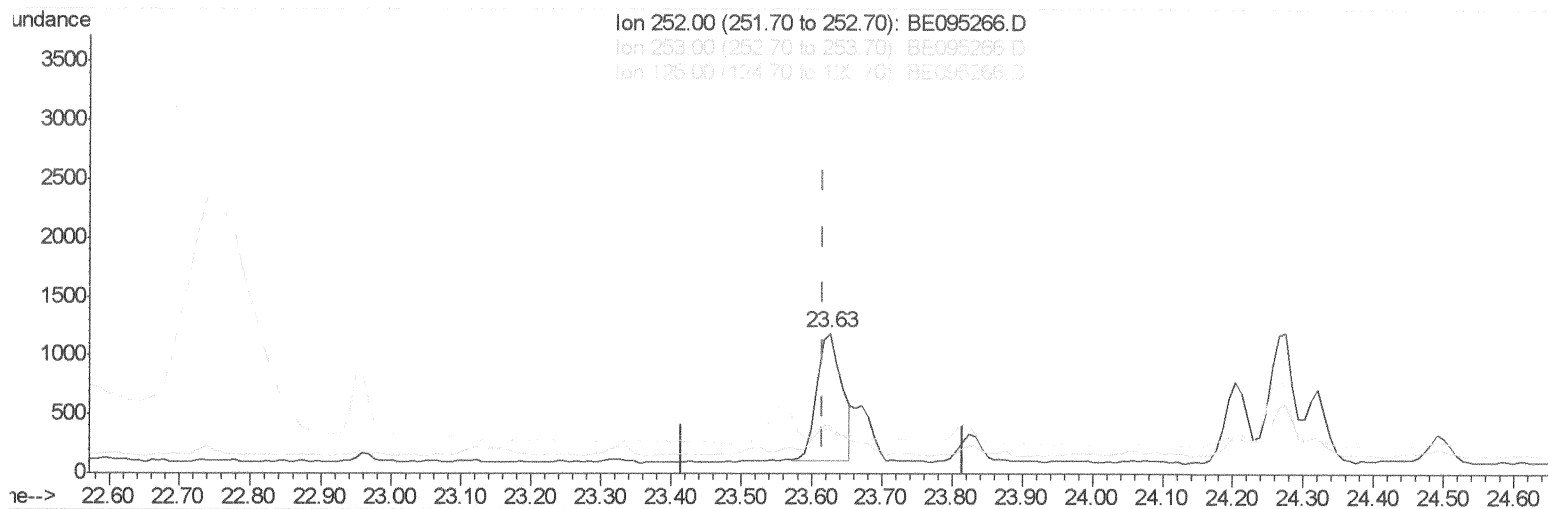
APPROVED
Manual Integrations

Instrument :
BNA_E
Client Sampled :
#7C-F6B47

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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

23.625min (+0.010) 0.08ng/ul m

23.625min

1/30/2018 3:32:56 PM

Sohil

APPROVED

Manual Integrations

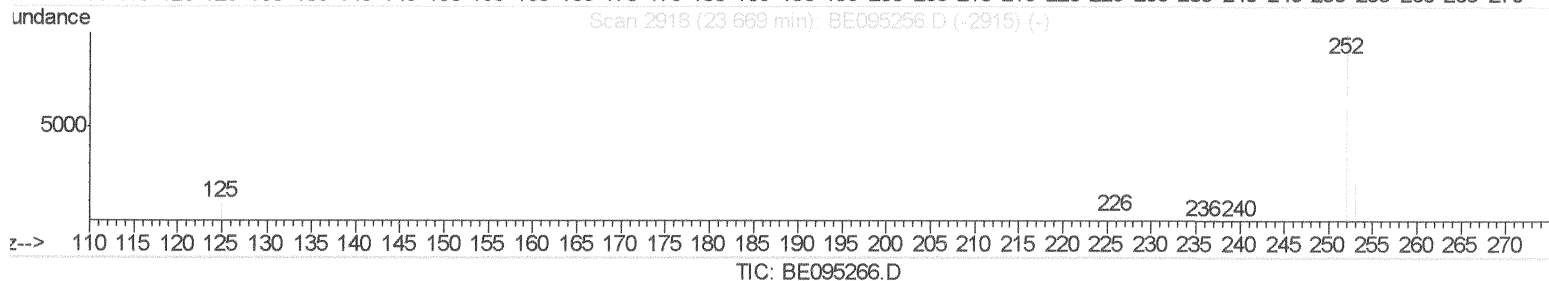
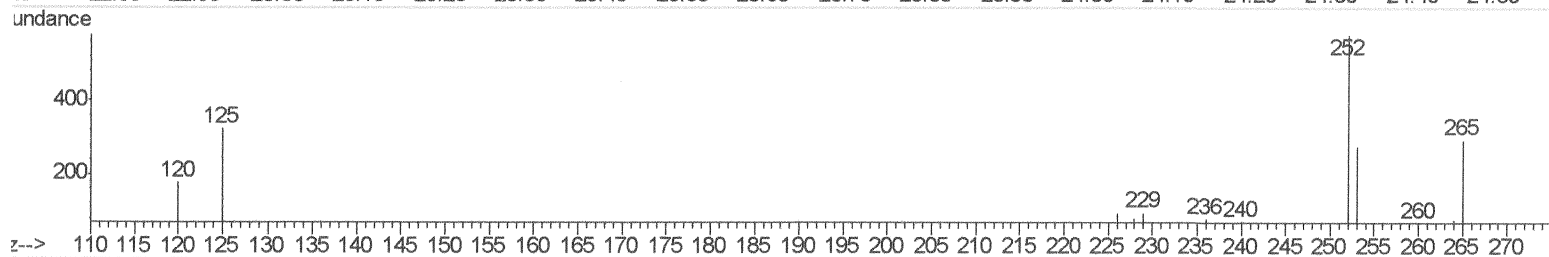
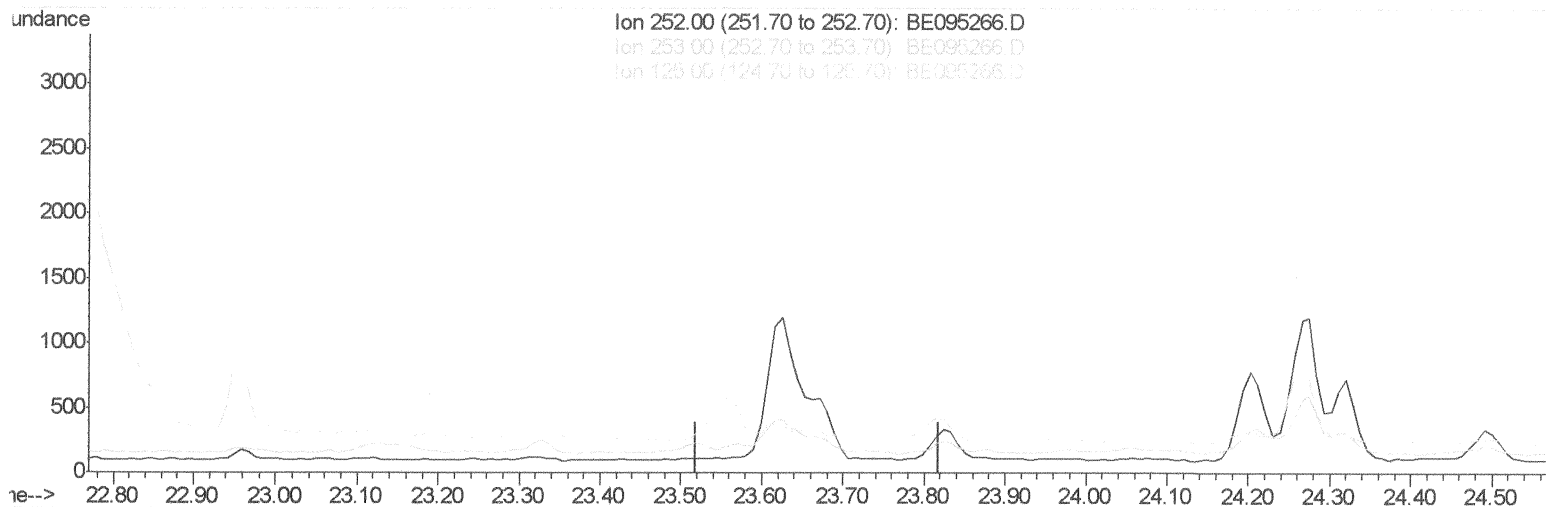
Client Sampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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

23.669min (-23.669) 0.00ng/ul

1/30/2018 3:32:56 PM

Sohil

APPROVED

Manual Integrations

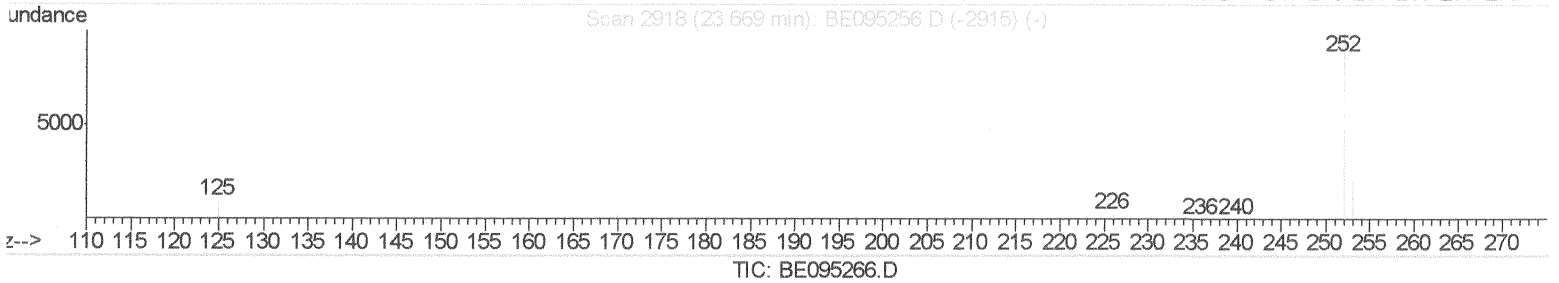
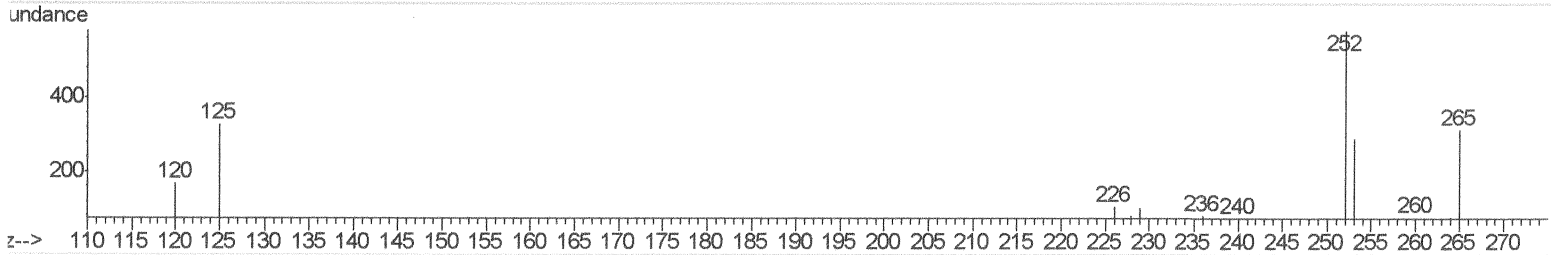
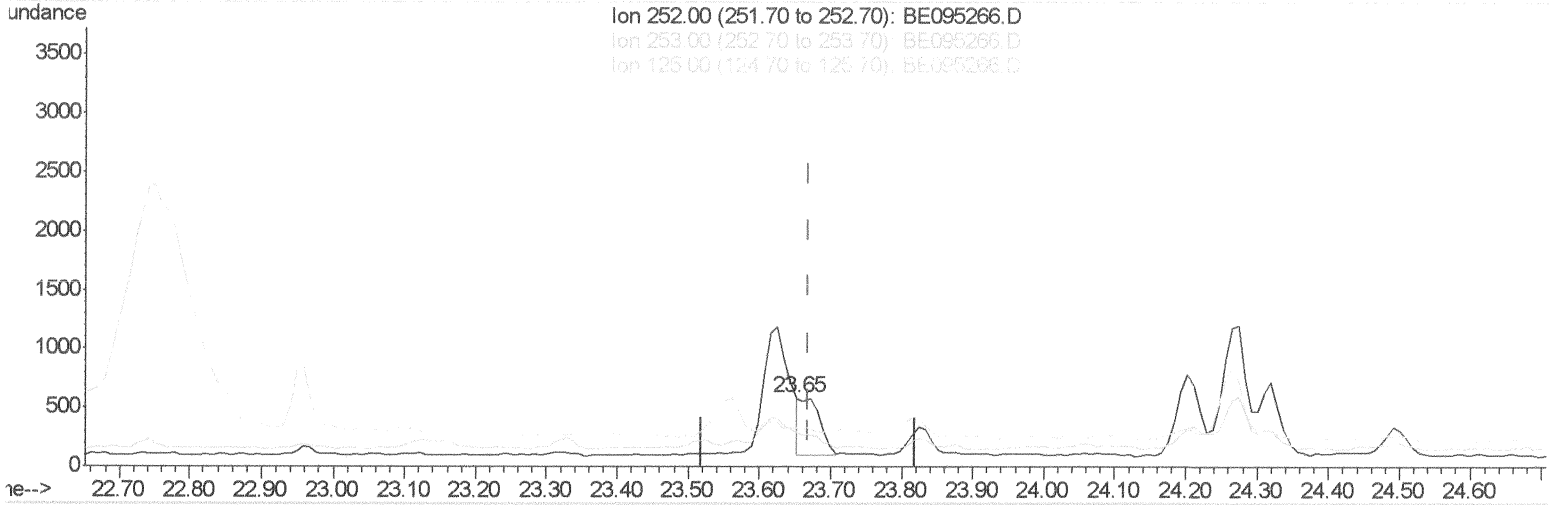
#ClientSampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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

23.652min (-0.017) 0.03ng/ul m

Jan 30/18

1/30/2018 3:32:56 PM

Sohil

APPROVED

Manual Integrations

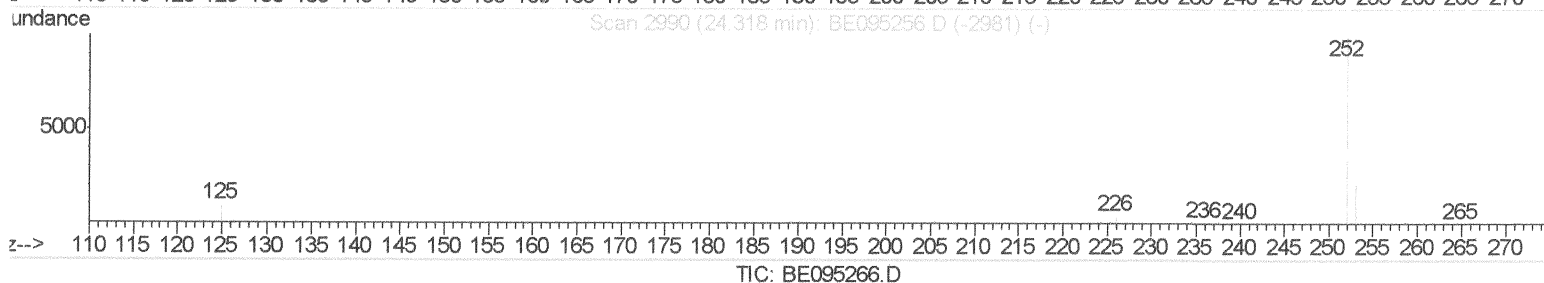
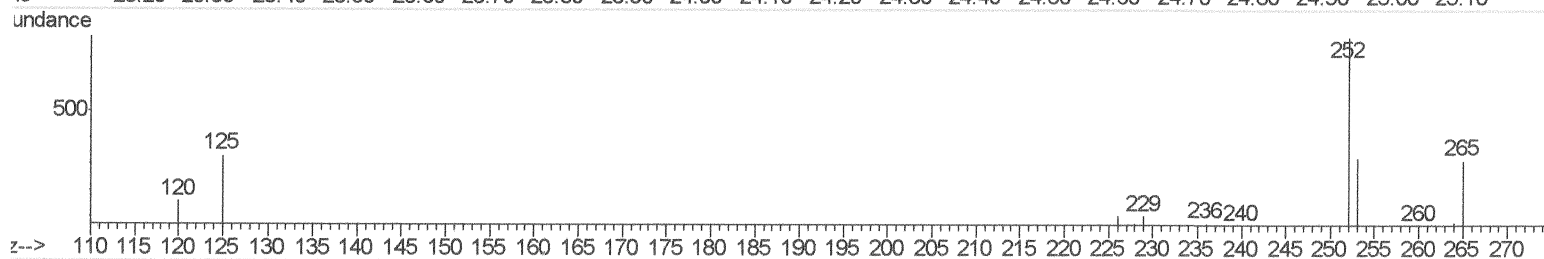
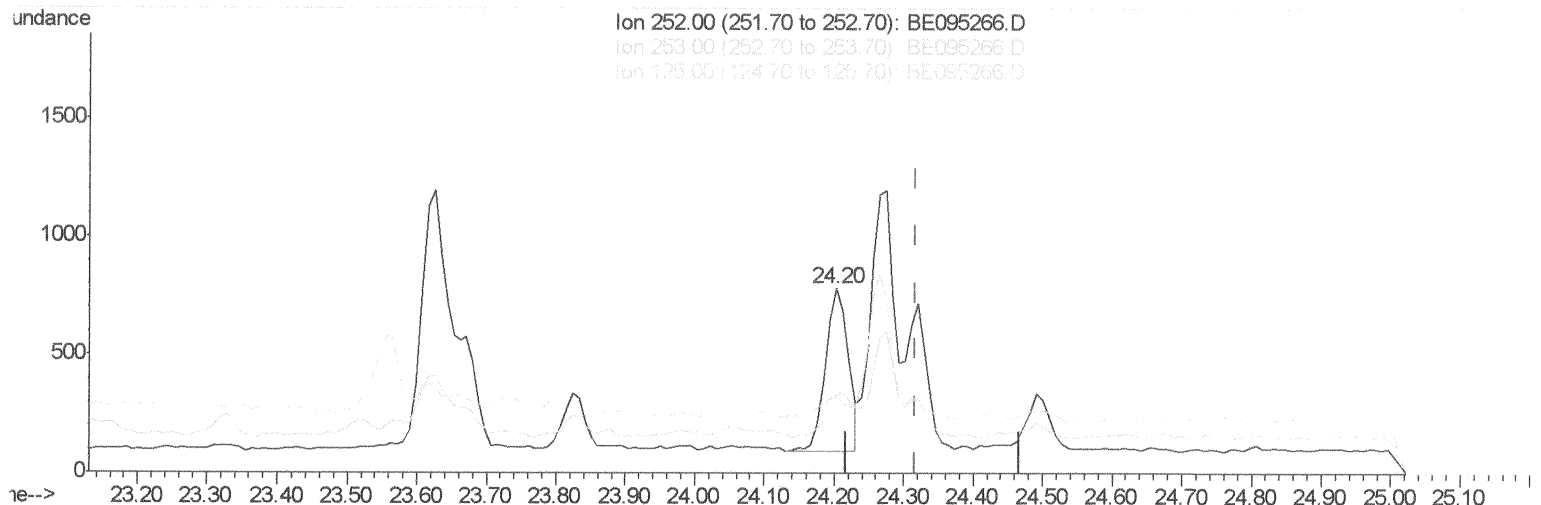
Client Sampled : #8

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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)

24.202min (-0.116) 0.05ng/ul

1/30/2018 3:32:56 PM

Sohill

Manual Integrations
 APPROVED

15:14 09:52 41:51

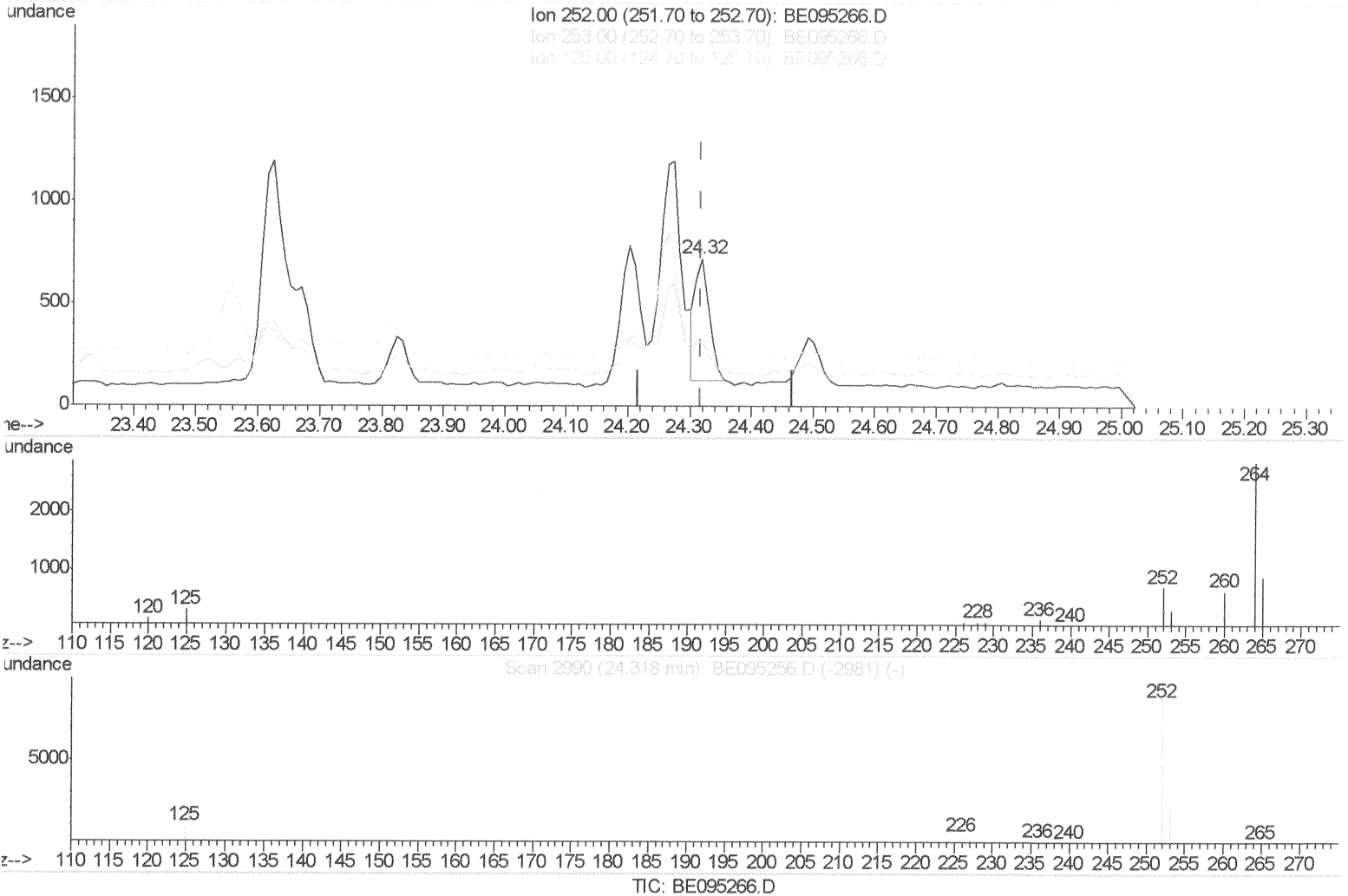
#01 Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095266.D
Acq On : 30 Jan 2018 2:44
Operator : SJ/JU
Sample : J1244-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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

Handwritten signature

1/30/2018 3:32:56 PM
Sohil

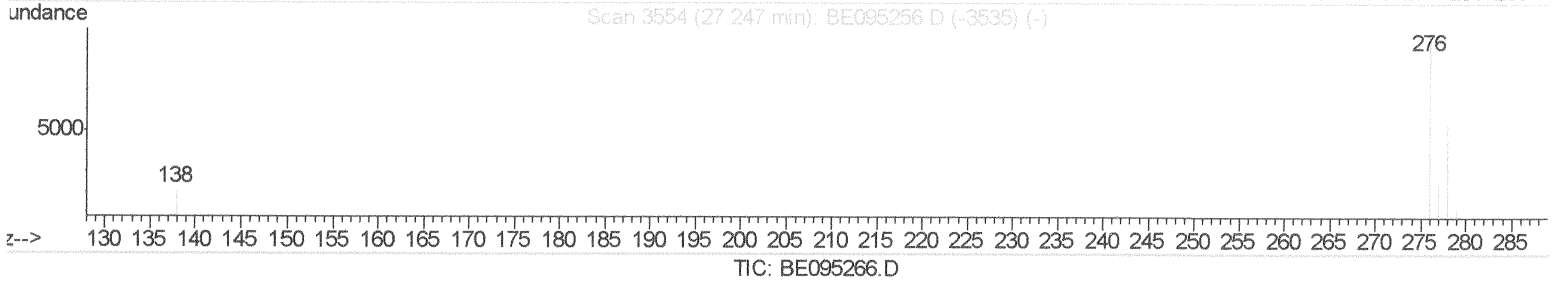
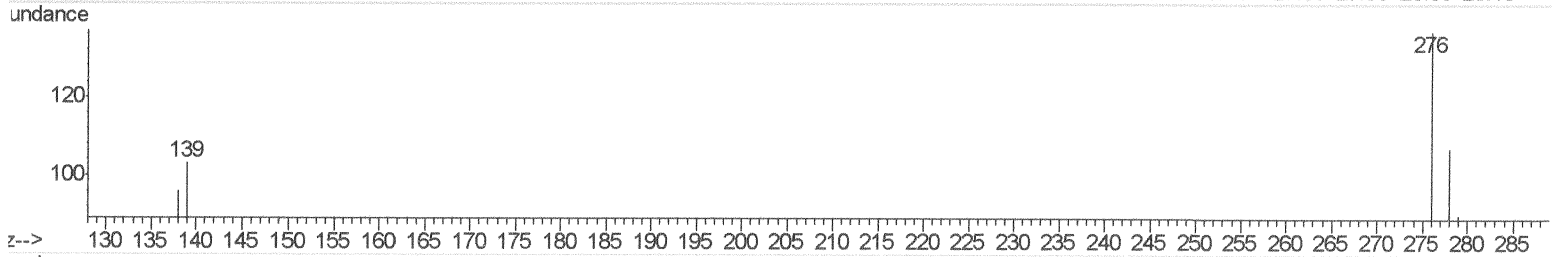
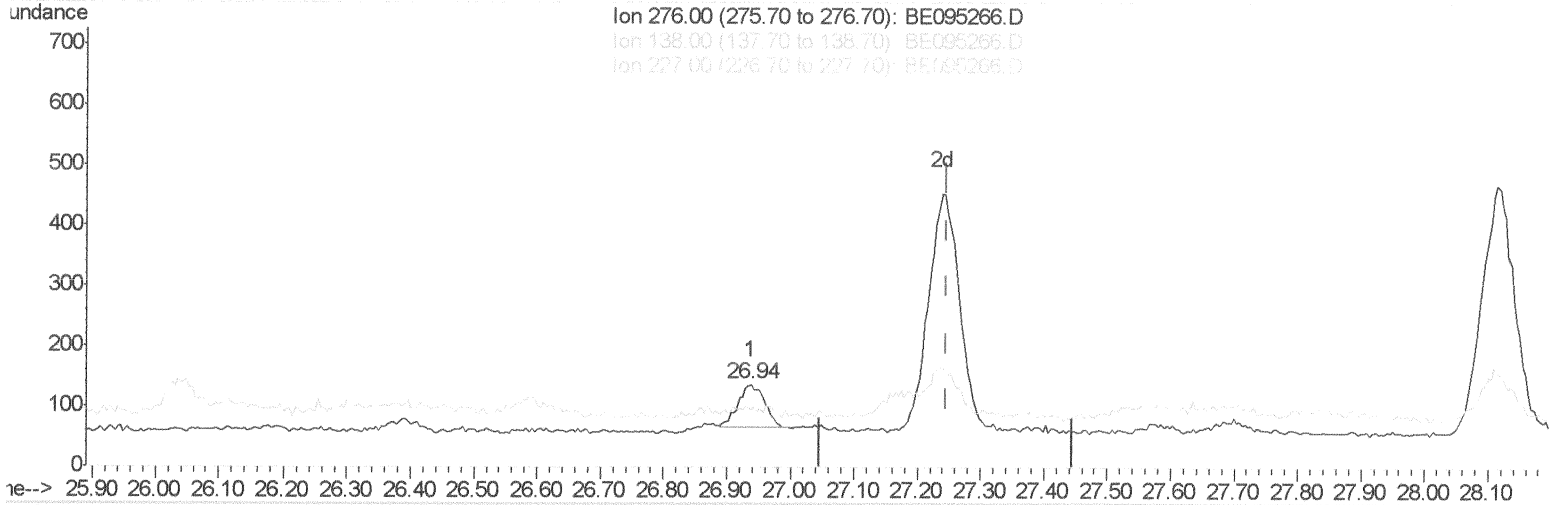
Manual Integrations
APPROVED

Instrument : BNA_E
ClientSampled : #7
#6847

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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



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

26.938min (-0.309) 0.01ng/ul

1/30/2018 3:32:56 PM

Sohil

APPROVED

Manual Integrations

#2971 09:56 17:52

#06847

Client Sampled :

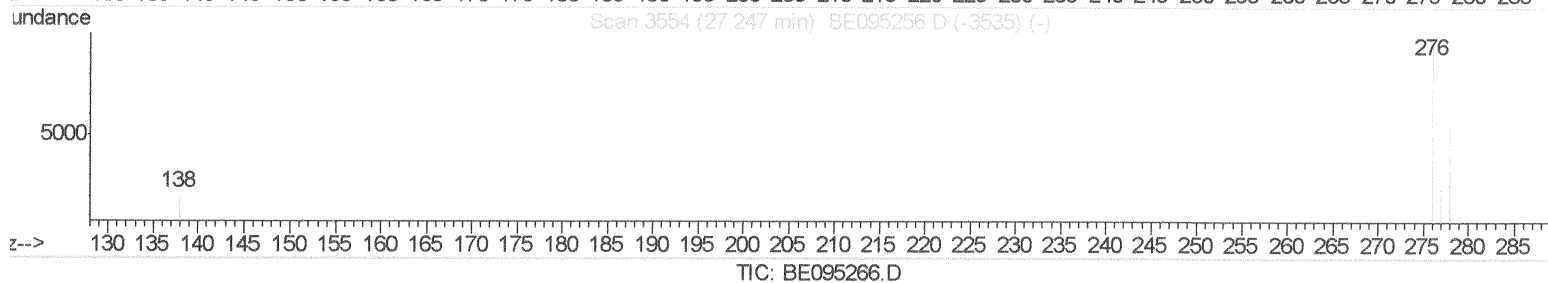
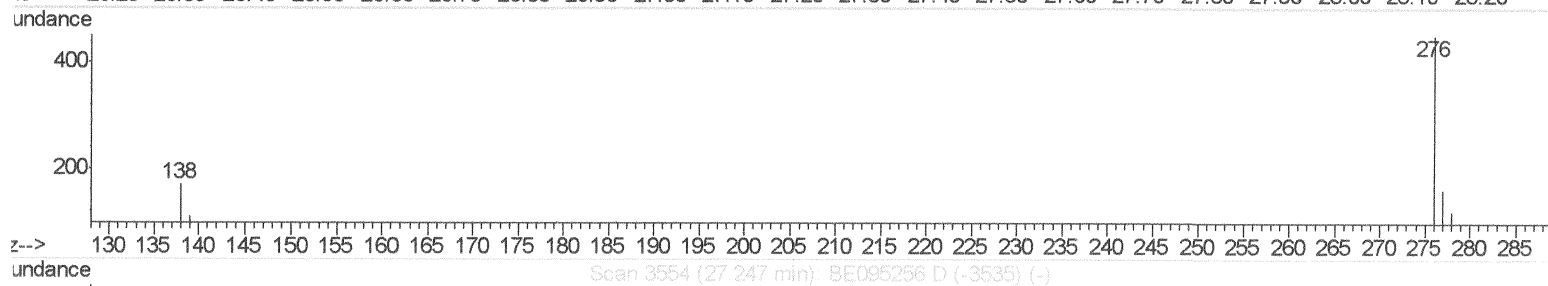
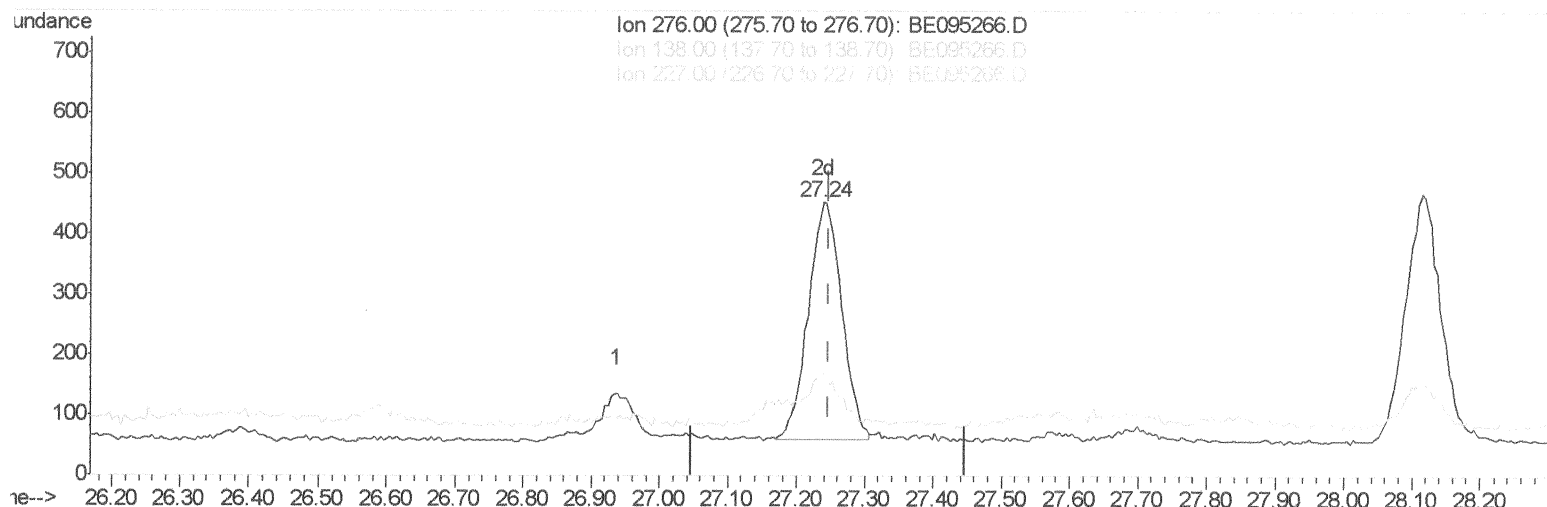
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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



(24) Indeno(1,2,3-cd)pyrene
 27.238min (-0.008) 0.04ng/ul m

Handwritten signature

1/30/2018 3:32:56 PM
 Sohll

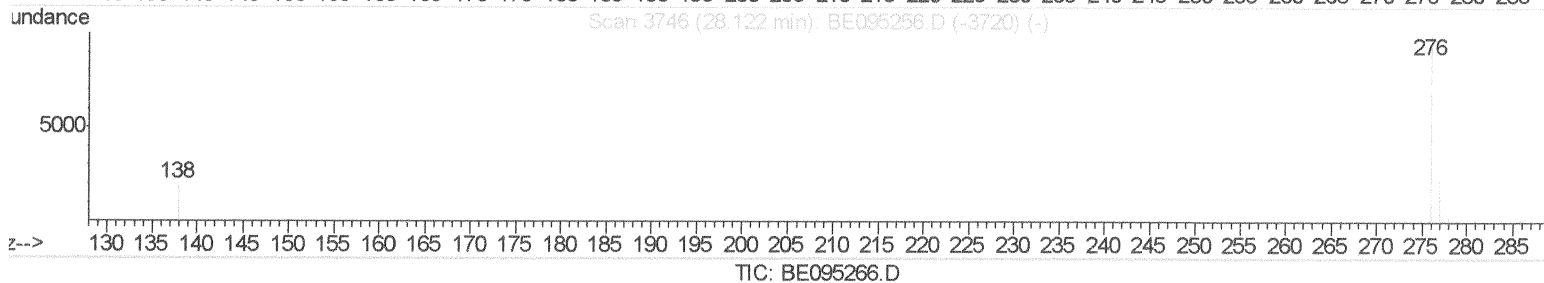
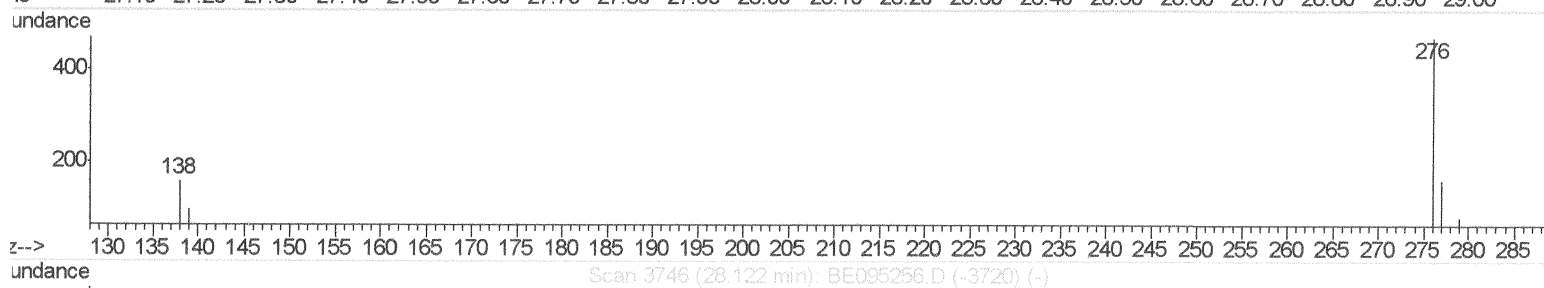
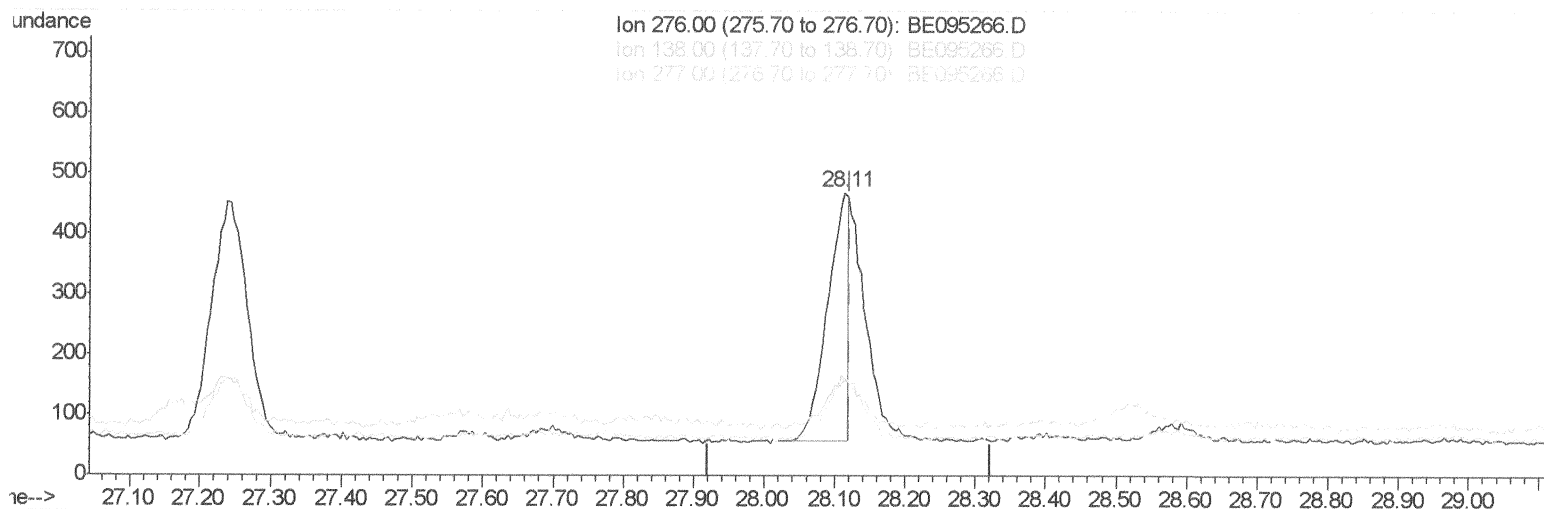
Manual Integrations
 APPROVED

Instrument :
 BNA_E
 ClientSampled :
 #C#F6B47

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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



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

28.113min (-0.008) 0.03ng/ul

1/30/2018 3:32:56 PM

Sohil

APPROVED

Manual Integrations

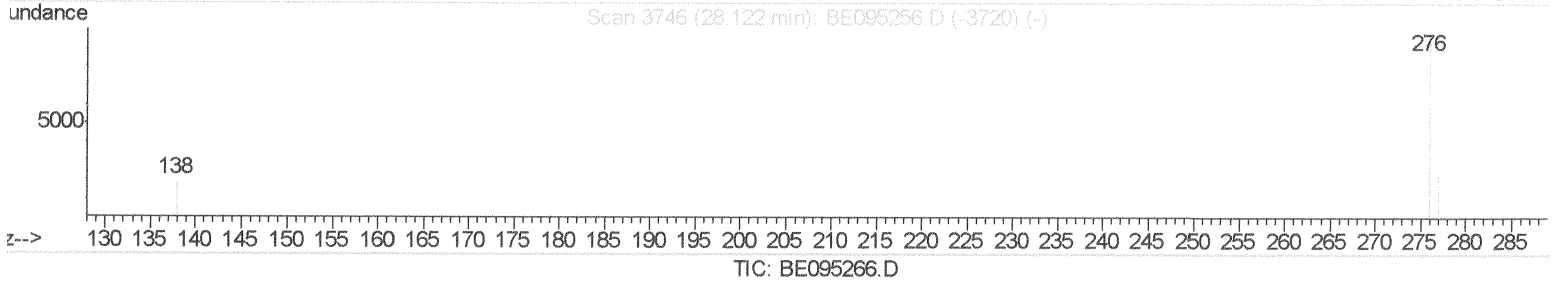
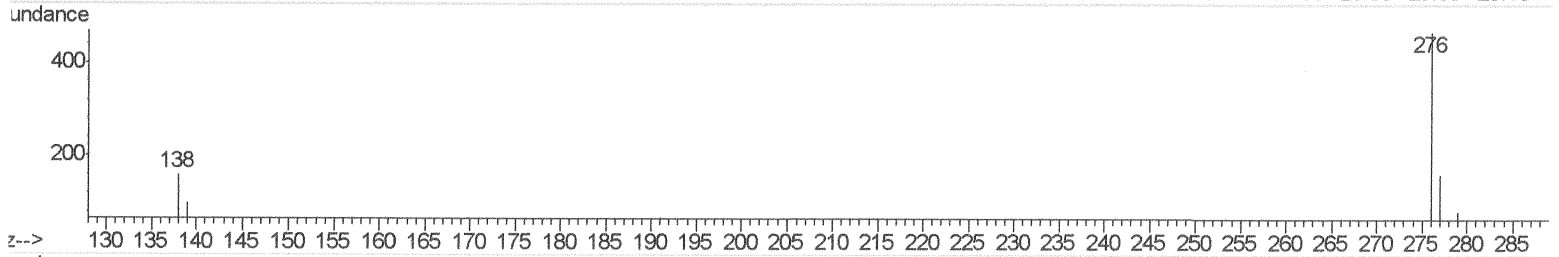
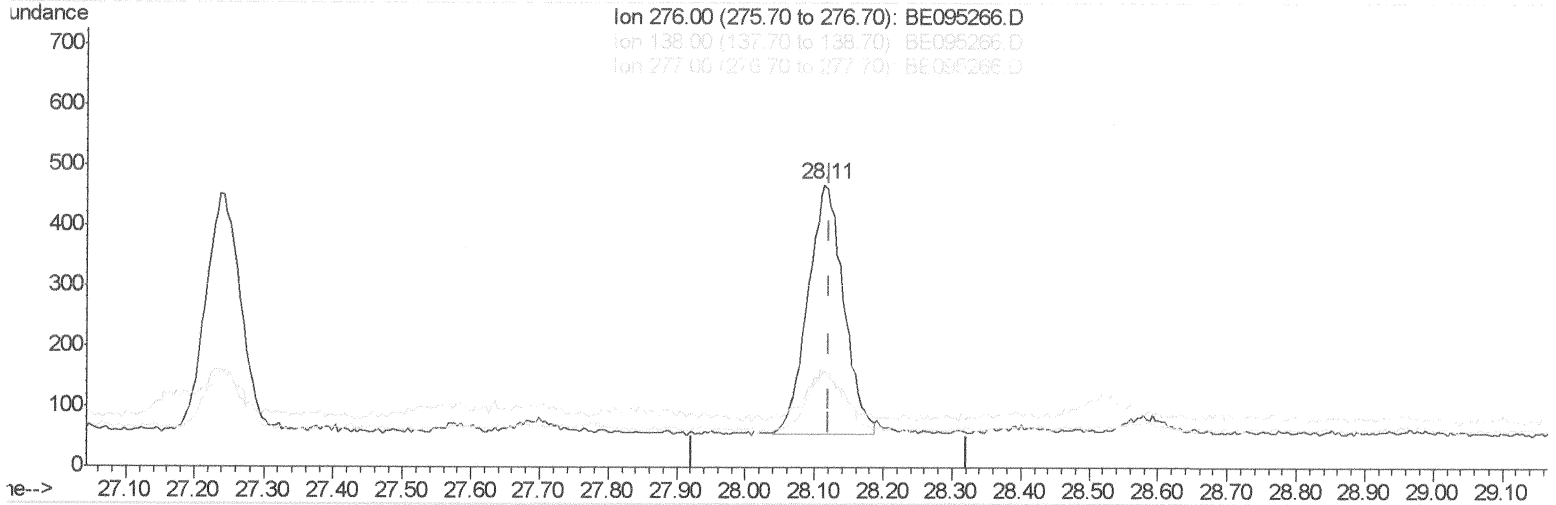
#2 Client Sampled :

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:56:45 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



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

28.113min (-0.008) 0.06ng/ul m

28.113min

1/30/2018 3:32:56 PM

Sohil

APPROVED

Manual Integrations

#2 Client Sampled : F6847

Instrument : BNA_E

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Disc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 06:58:40 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	2548	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7550	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4769	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9797	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10271	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9155m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	3743	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9827	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	2430	0.115	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	1436	0.102	ng/ul	99
7) Acenaphthylene	14.74	152	543	0.024	ng/ul#	69
8) Acenaphthene	15.08	153	3325	0.187	ng/ul	93
9) Fluorene	16.03	166	2516	0.137	ng/ul#	79
11) Pentachlorophenol	17.36	266	1716	0.904	ng/ul	95
12) Phenanthrene	17.75	178	11017	0.334	ng/ul#	88
13) Anthracene	17.85	178	2447	0.081	ng/ul	95
15) Fluoranthene	19.73	202	4755	0.111	ng/ul	84
17) Pyrene	20.08	202	4074m	0.118	ng/ul	84
18) Benzo(a)anthracene	21.79	228	1520	0.047	ng/ul#	87
19) Chrysene	21.84	228	1507	0.045	ng/ul#	79
21) Benzo(b)fluoranthene	23.63	252	2714m	0.084	ng/ul	84
22) Benzo(k)fluoranthene	23.65	252	878m	0.030	ng/ul	84
23) Benzo(a)pyrene	24.32	252	941m	0.033	ng/ul	84
24) Indeno(1,2,3-cd)pyrene	27.24	276	1351m	0.043	ng/ul	84
26) Benzo(a,h,i)perylene	28.11	276	1503m	0.056	ng/ul	84

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

1/30/2018 3:32:56 PM

Sohil

APPROVED
Manual Integrations

Instrument : BNA_E
Client Sampled : F6B47