

Quantitation Report (QT Reviewed)

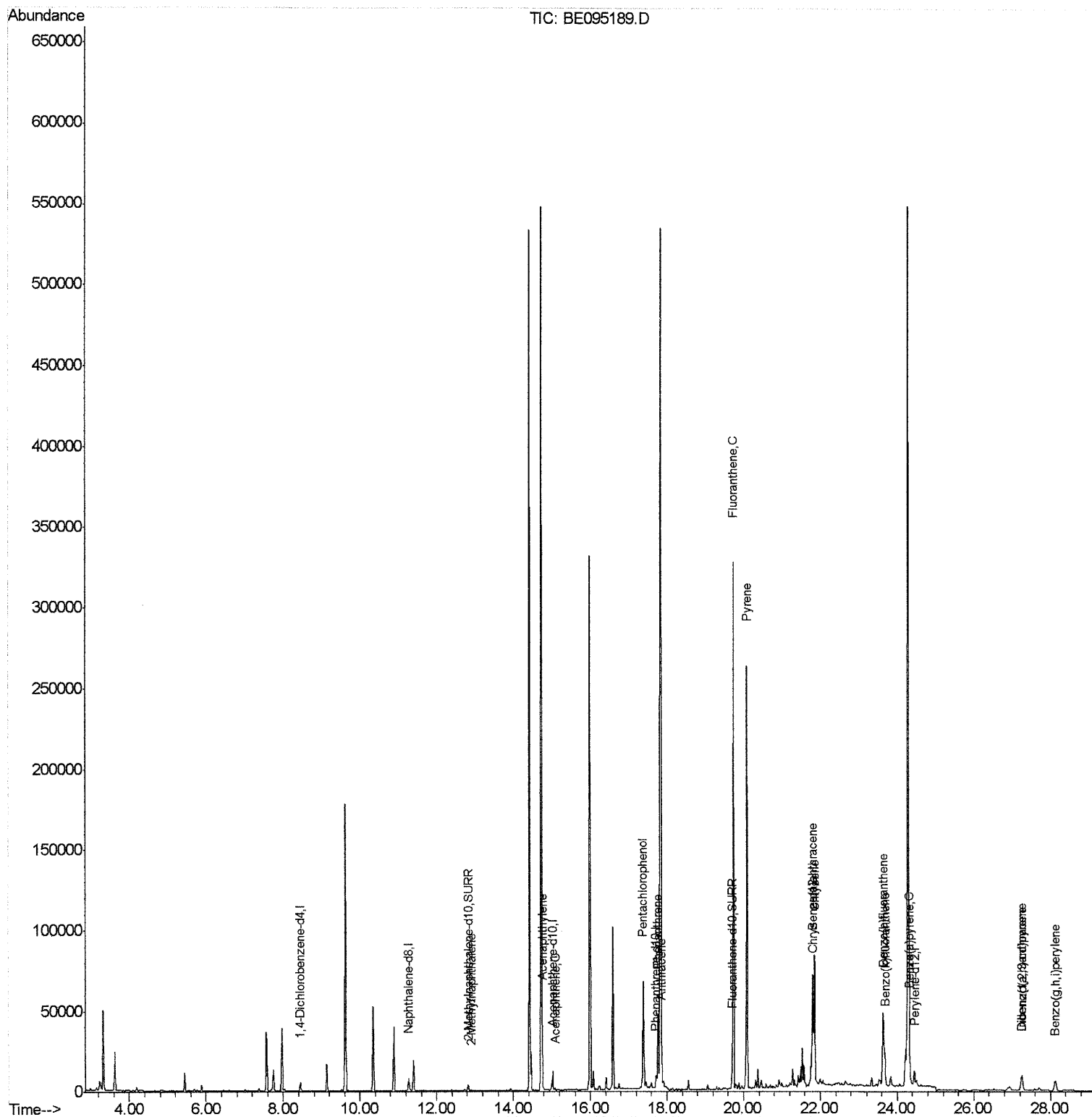
Instrument :
BNA_E
ClientSampled :
F6A25

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:13 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095189.D
Acq On : 28 Jan 2018 4:31
Operator : SJ/JU
Sample : J1220-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 29 00:32:50 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 00:15:32 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

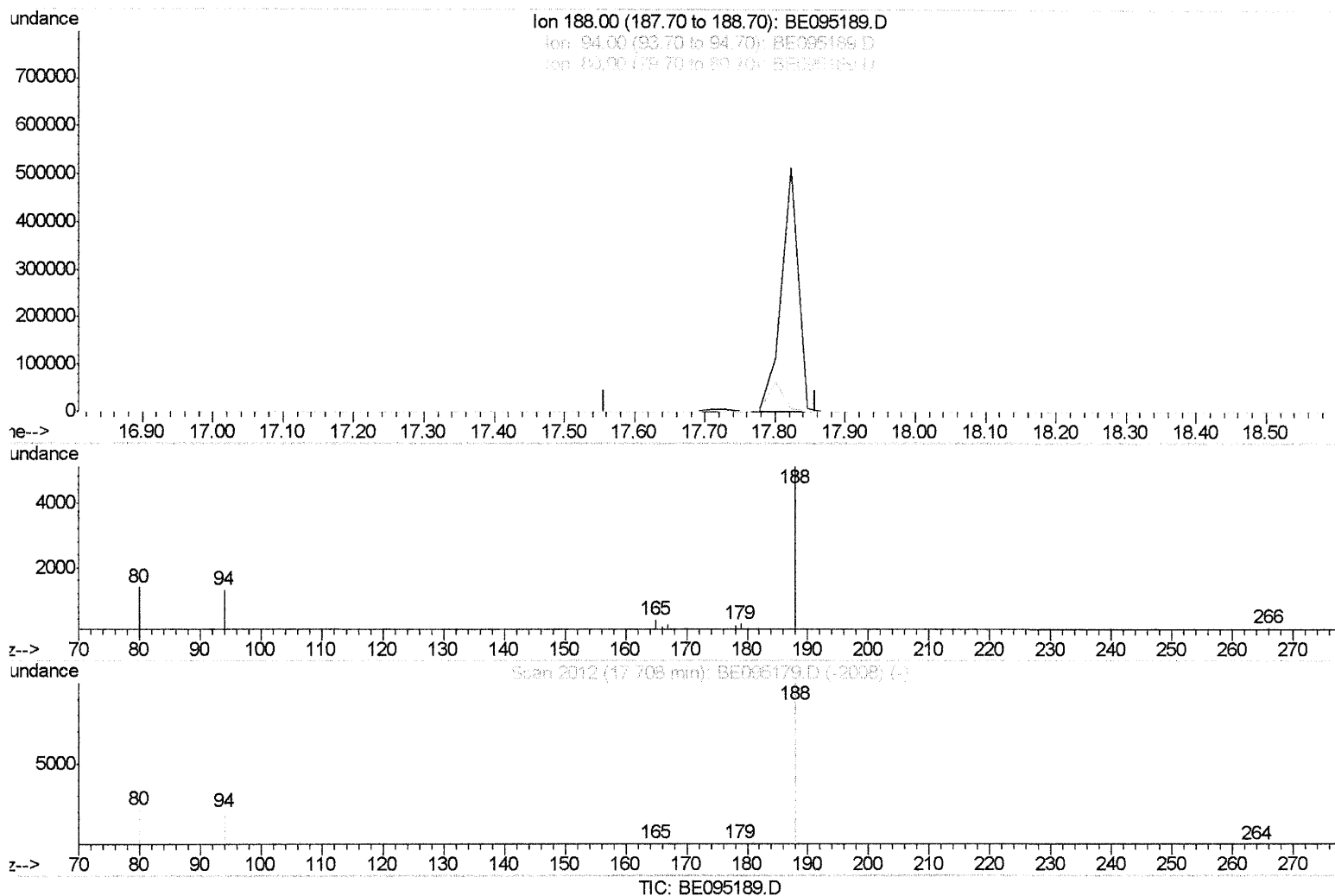
Instrument :
BNA_E
ClientSampleId :
F6A25

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:13 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095189.D
Acq On : 28 Jan 2018 4:31
Operator : SJ/JU
Sample : J1220-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 29 00:16:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 00:15:32 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.708min (-17.708) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

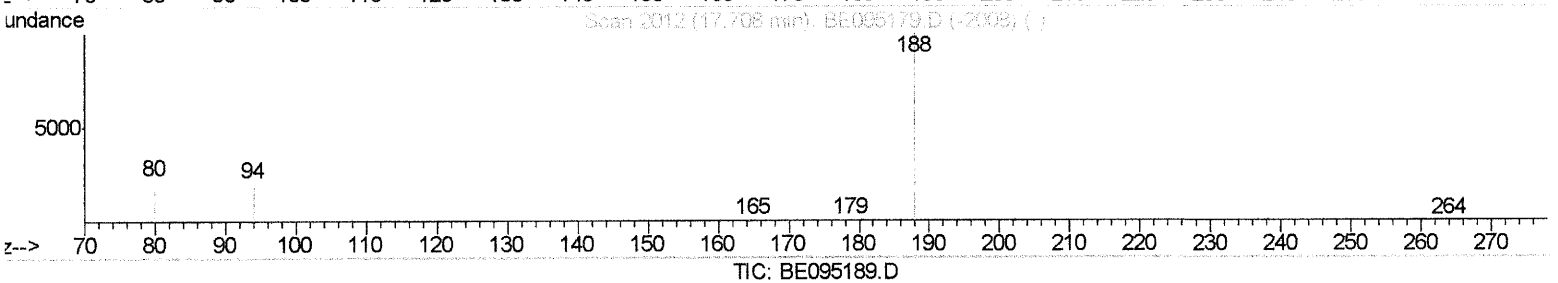
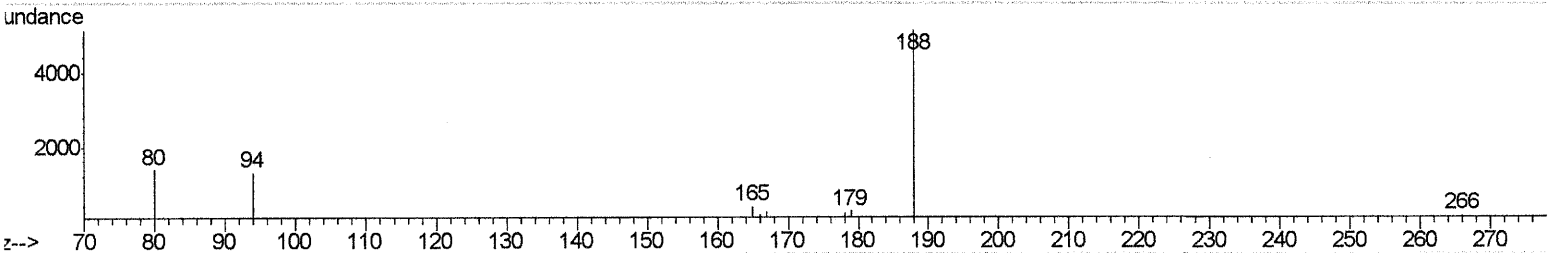
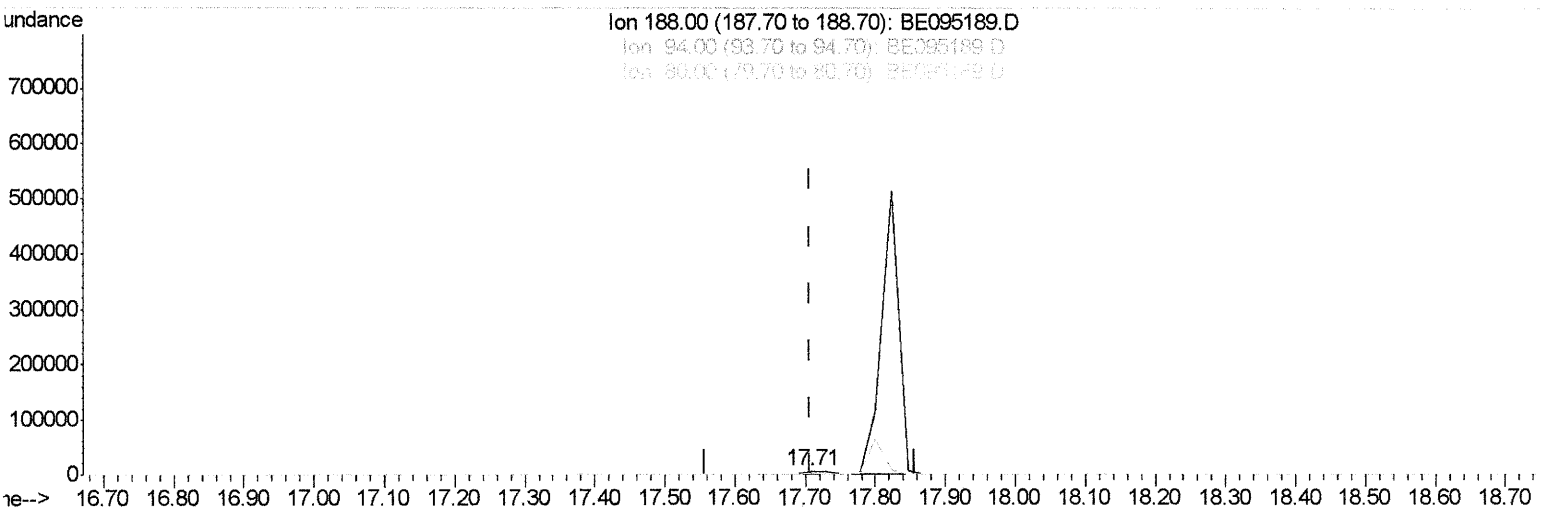
Instrument :
BNA_E
ClientSampleId :
F6A25

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:13 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095189.D
Acq On : 28 Jan 2018 4:31
Operator : SJ/JU
Sample : J1220-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 29 00:16:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 00:15:32 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.708min (+0.000) 0.40ng/ul m

response 13912

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	25.59#
80.00	11.80	27.44#
0.00	0.00	0.00

SJ 01/31/18

Quantitation Report (Qedit)

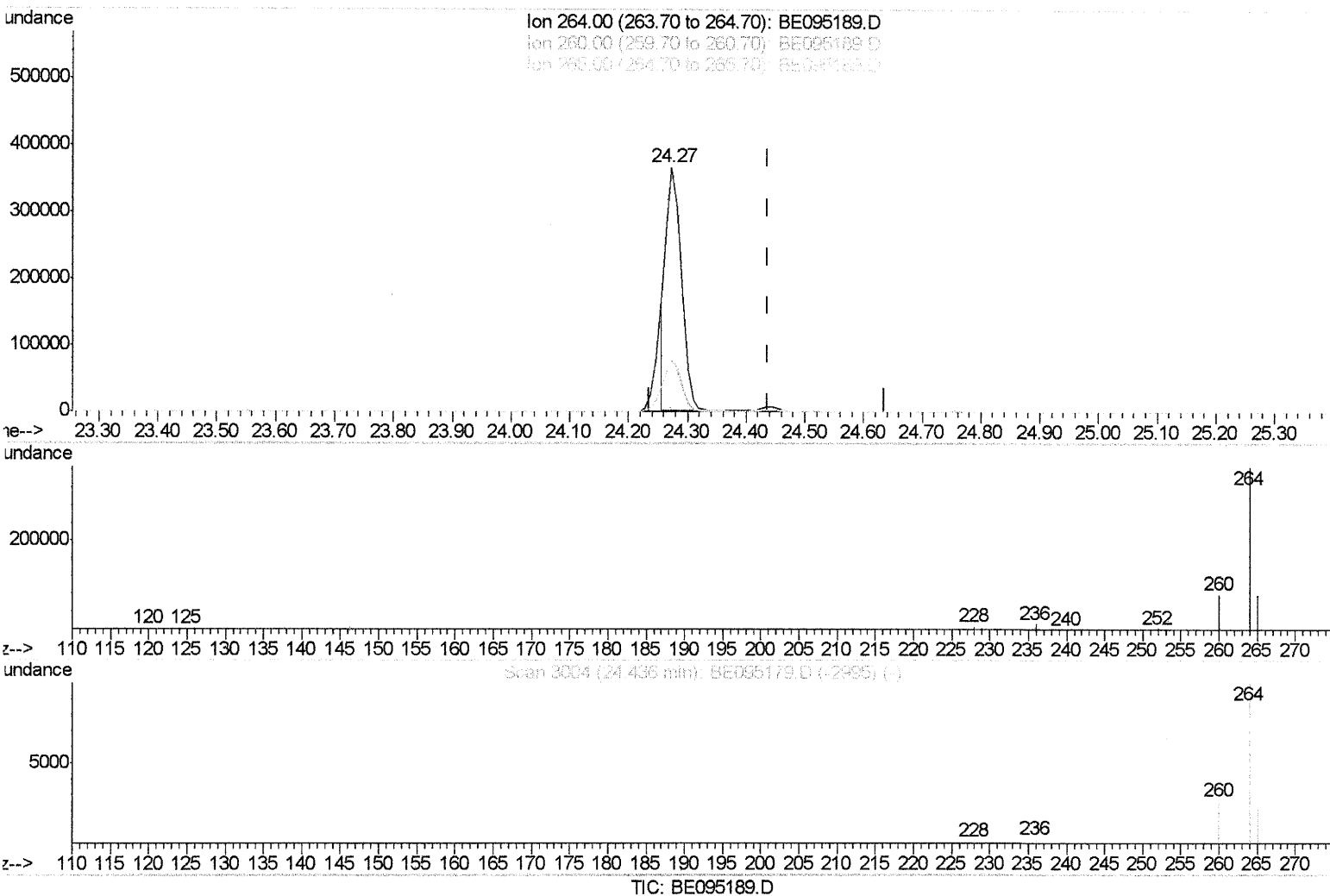
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.273min (-0.163) 0.40ng/ul

response 659887

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.34#
265.00	103.50	21.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

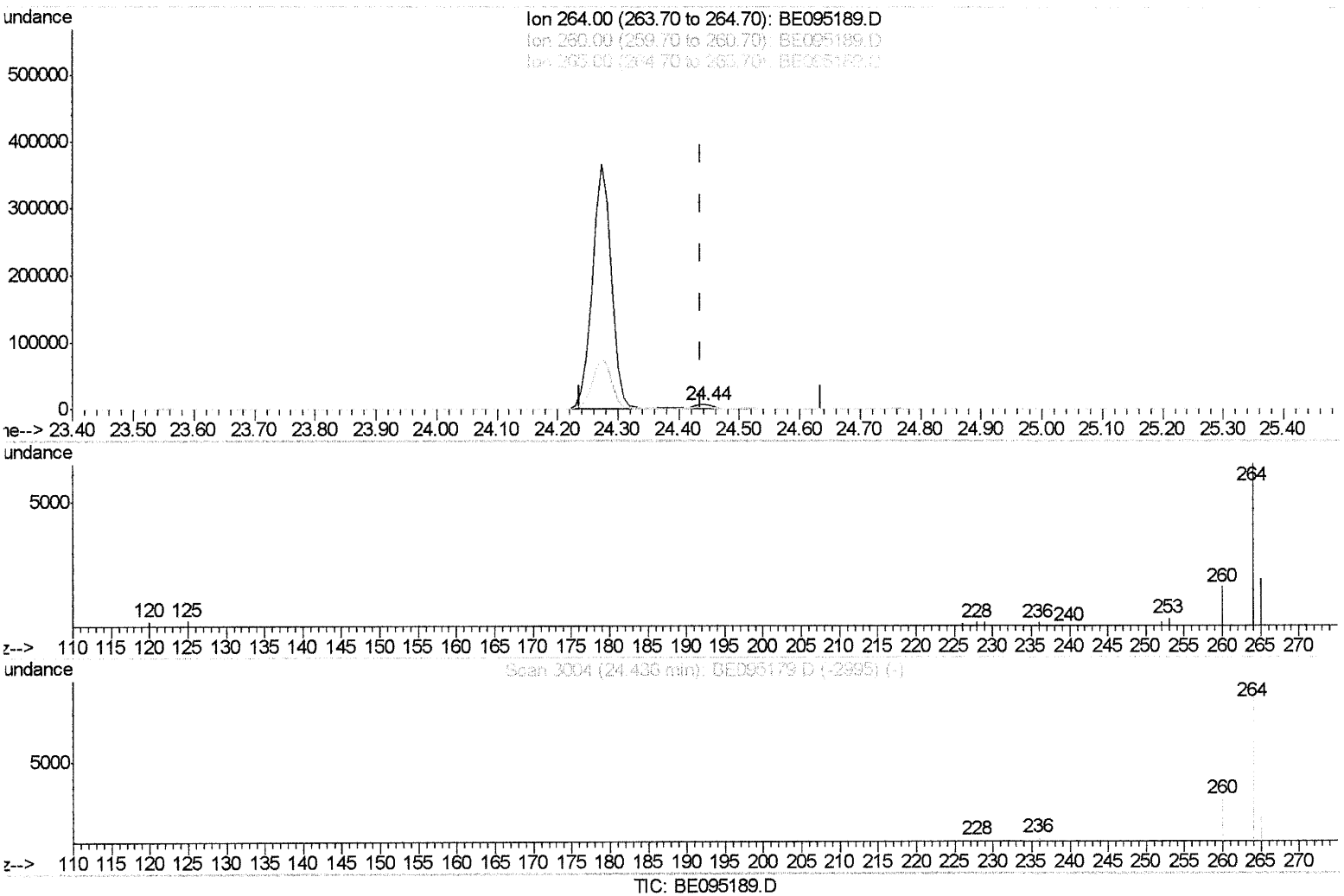
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.445min (+0.008) 0.40ng/ul m

response 12715

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.94
265.00	103.50	30.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

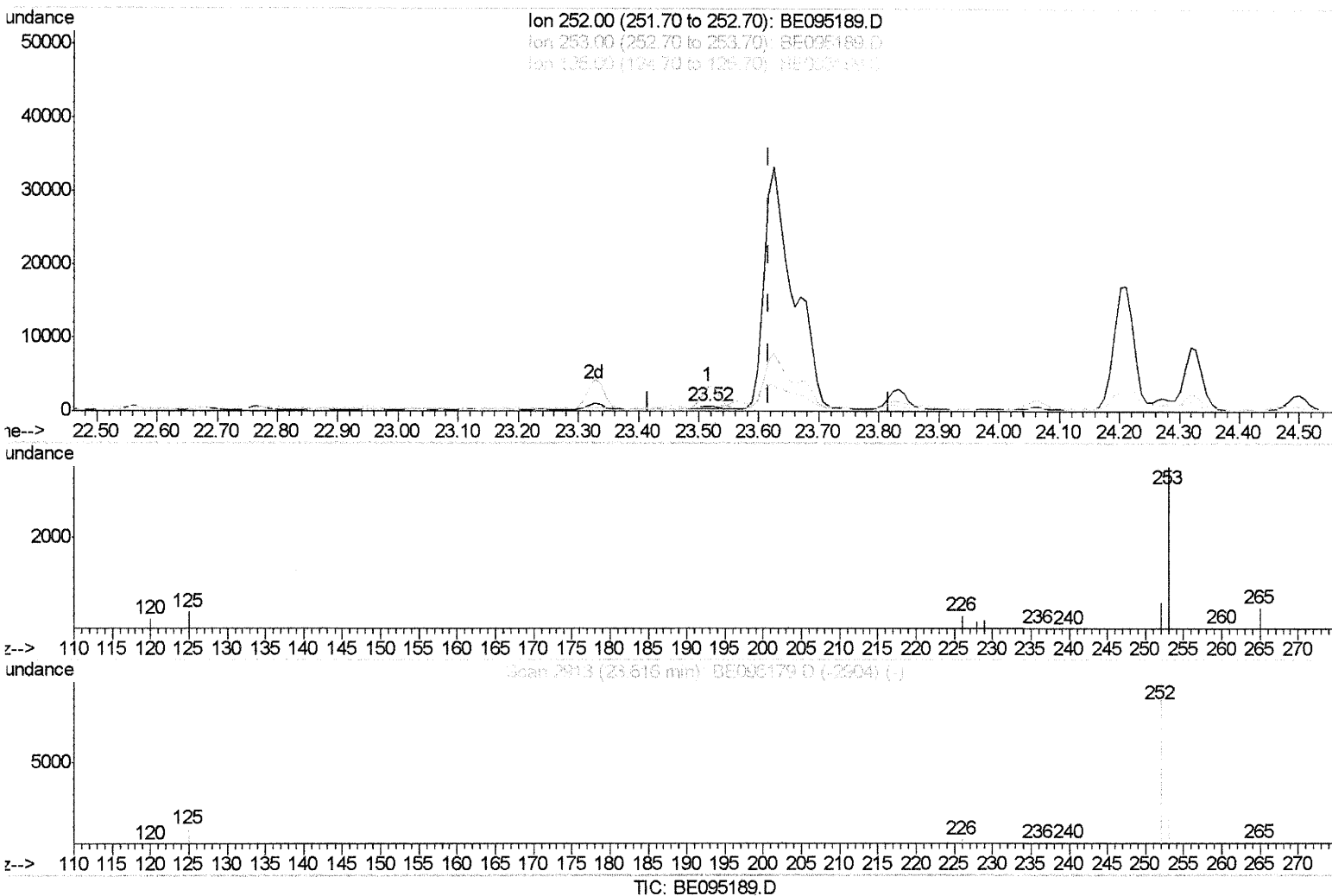
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.516min (-0.100) 0.02ng/ul

response 995

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	511.29#
125.00	17.50	73.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

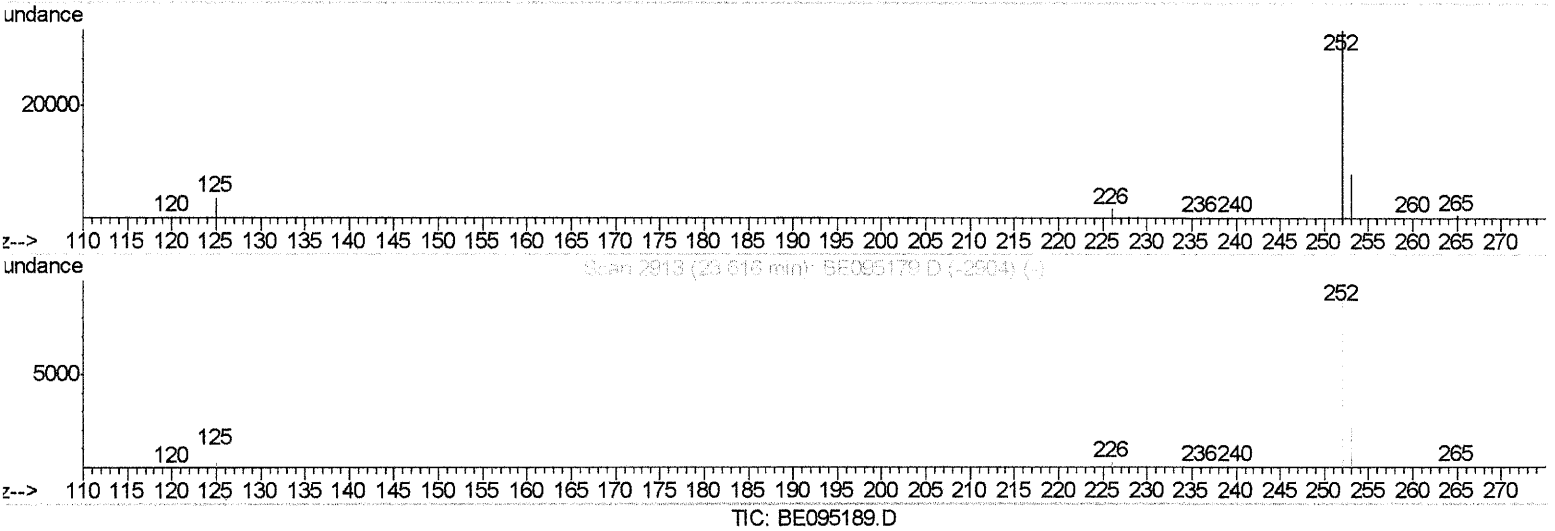
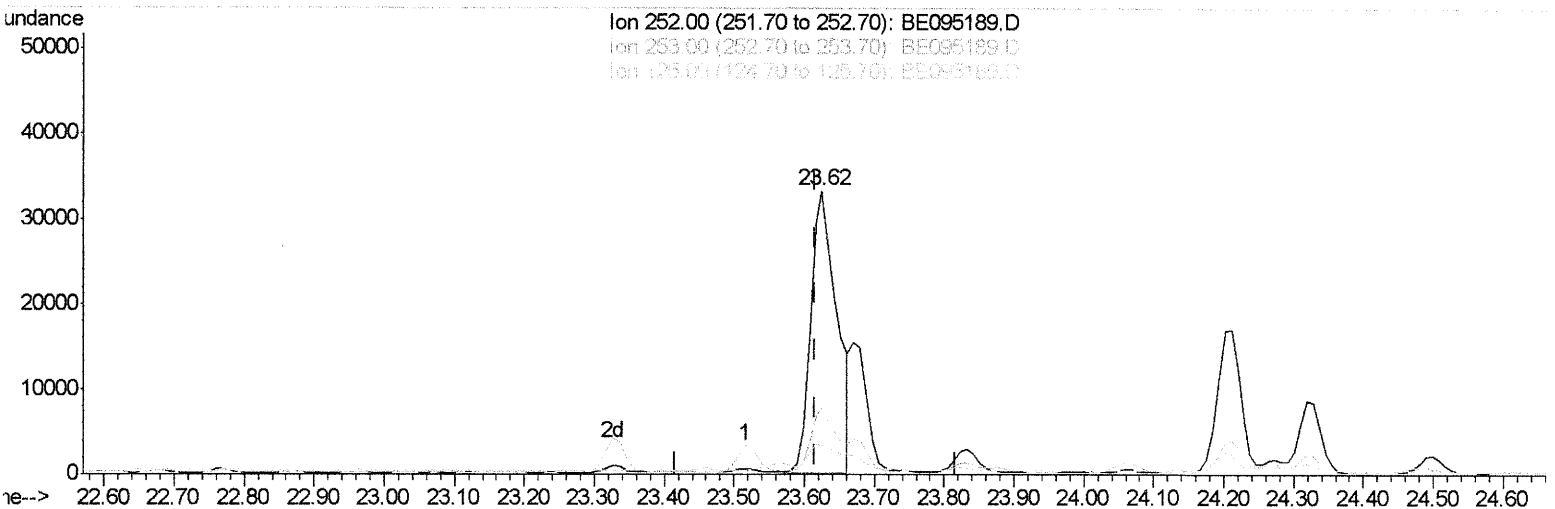
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.625min (+0.008) 1.97ng/ul m

response 88479

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.68
125.00	17.50	10.67
0.00	0.00	0.00

SJ/JU

Quantitation Report (Qedit)

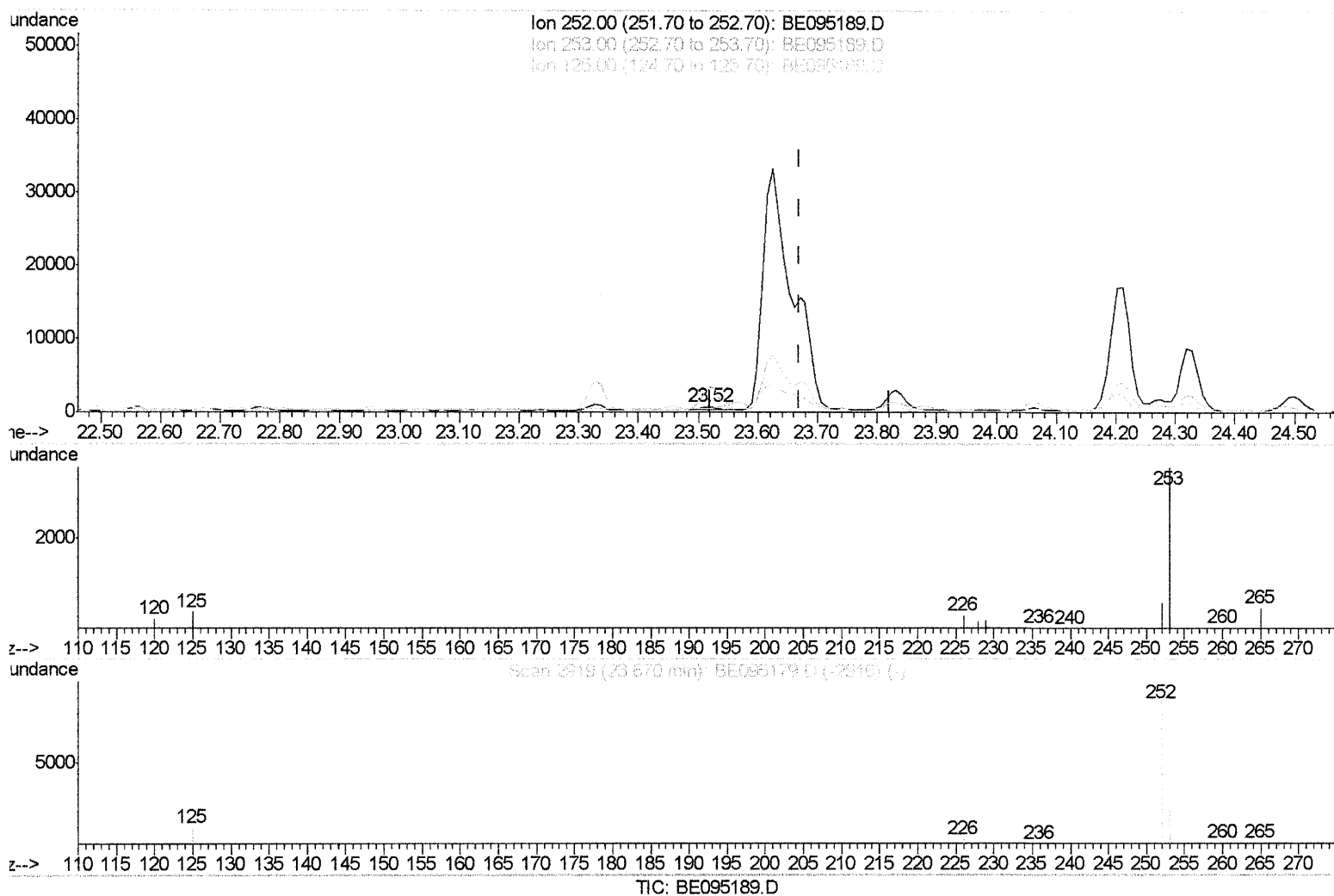
Instrument :
BNA_E
ClientSampleId :
F6A25

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:13 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095189.D
Acq On : 28 Jan 2018 4:31
Operator : SJ/JU
Sample : J1220-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 29 00:30:58 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 00:15:32 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.516min (-0.154) 0.02ng/ul

response 995

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	511.29#
125.00	17.10	73.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

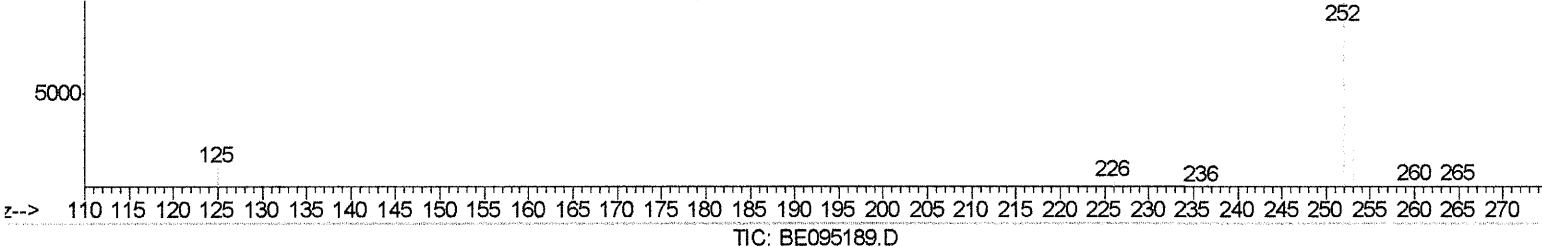
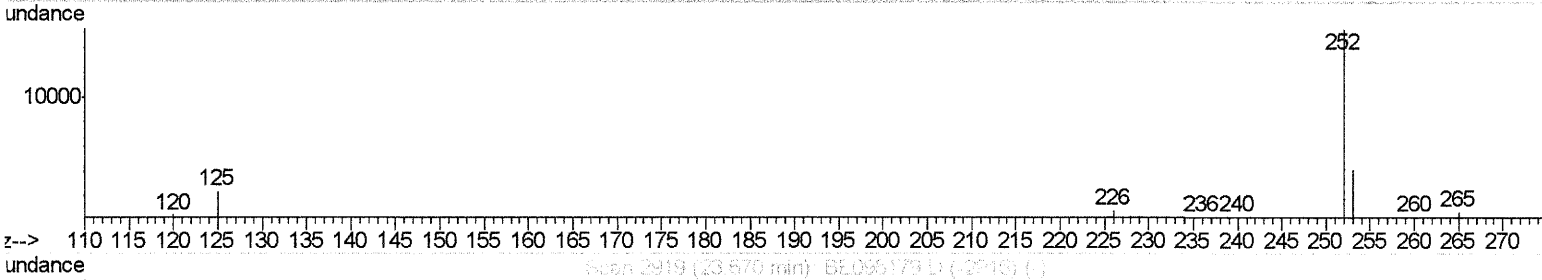
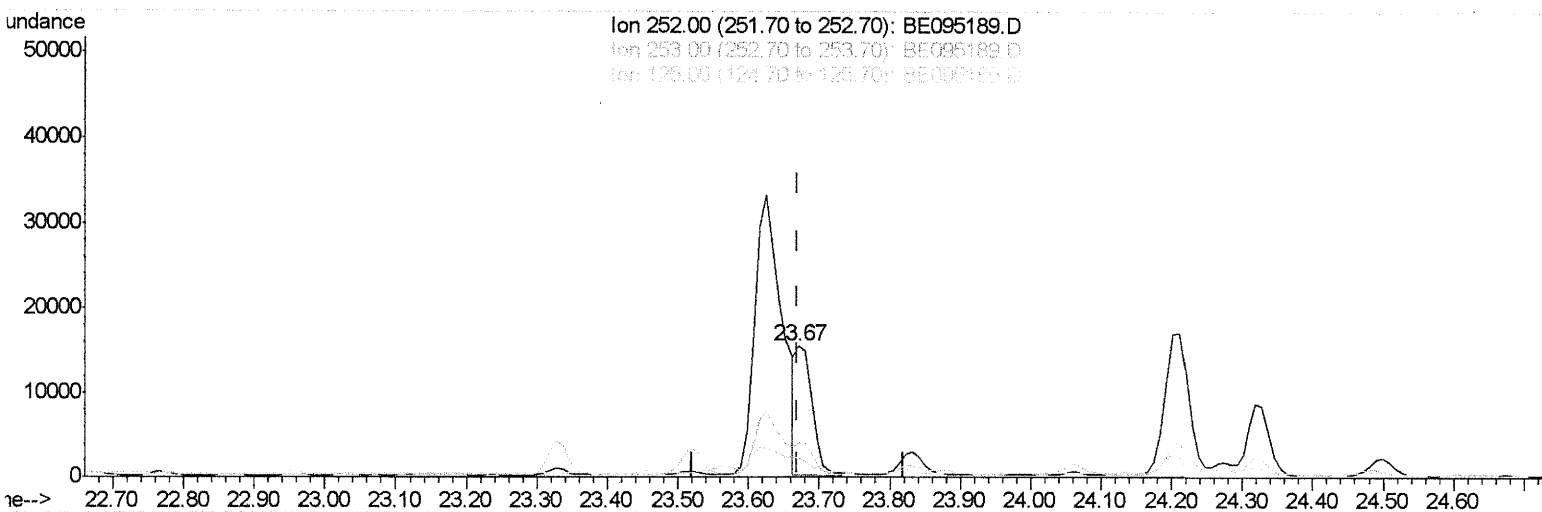
Instrument :
BNA_E
ClientSampleId :
F6A25

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:13 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095189.D
Acq On : 28 Jan 2018 4:31
Operator : SJ/JU
Sample : J1220-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 29 00:30:58 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 00:15:32 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.670min (-0.001) 0.60ng/ul m

response 24763

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.85
125.00	17.10	14.82
0.00	0.00	0.00

SJ/JU 1/31/18

Quantitation Report (Qedit)

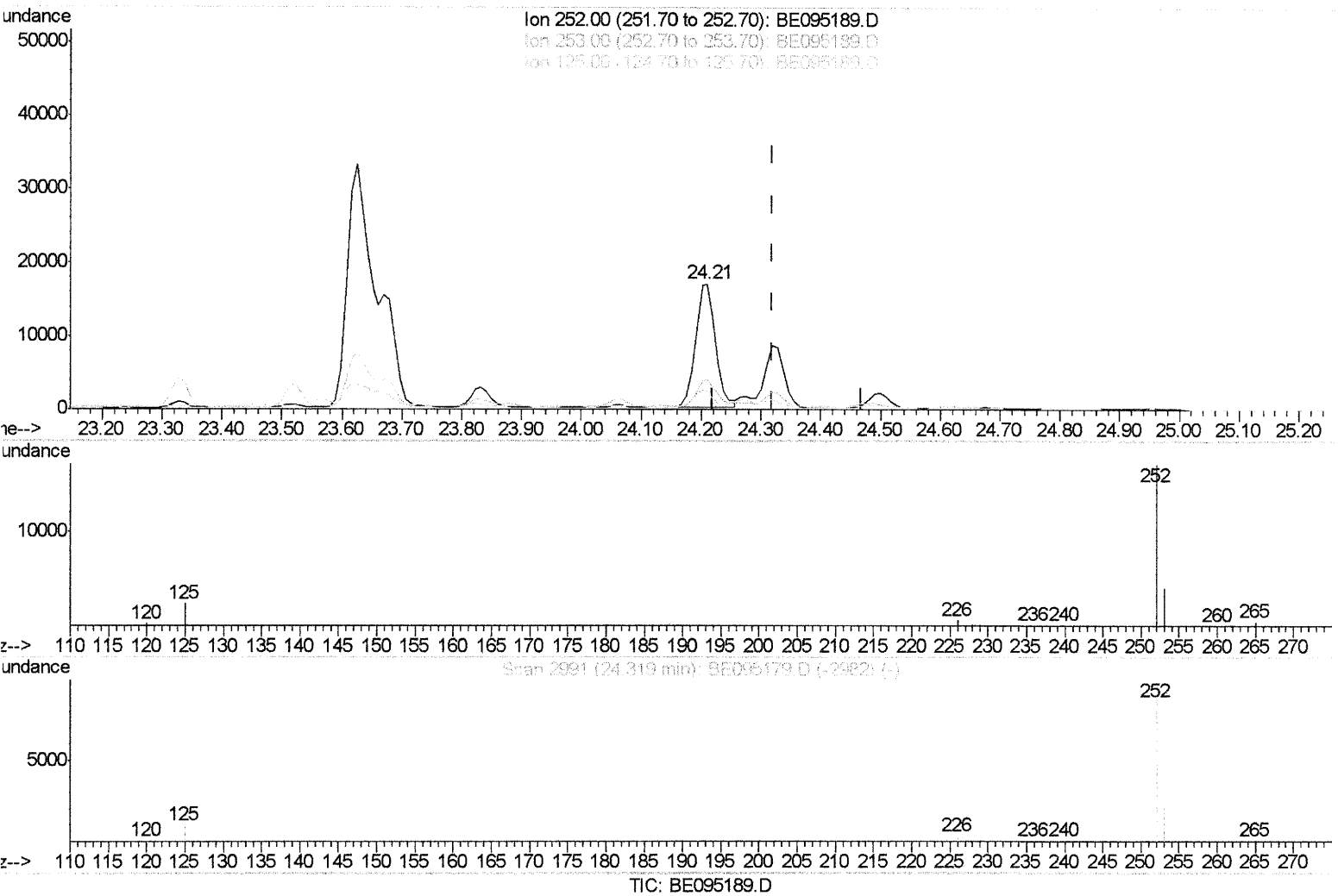
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.210min (-0.109) 1.00ng/ul

response 39923

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.98#
125.00	22.60	14.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

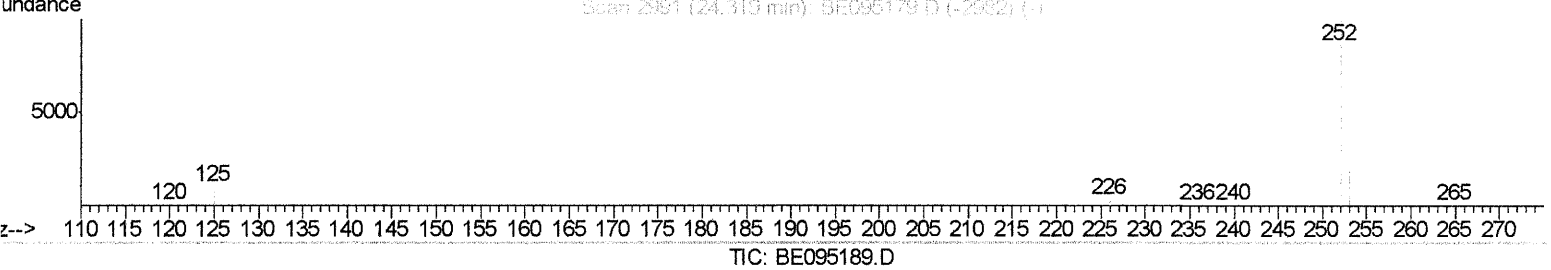
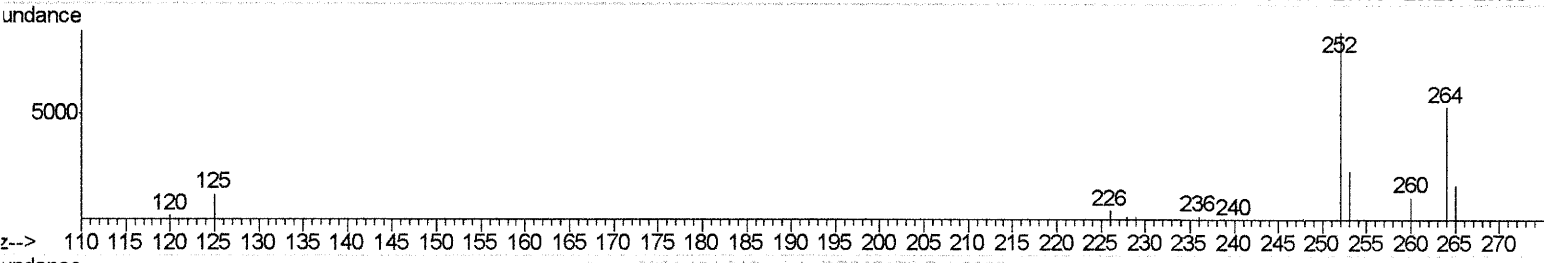
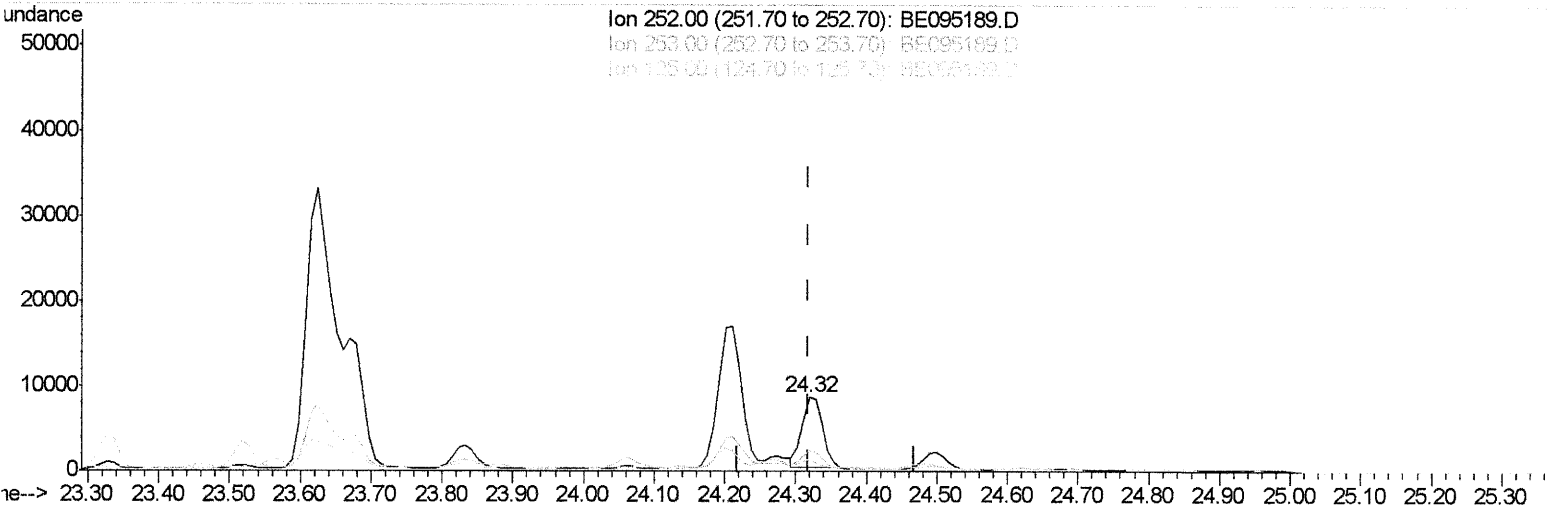
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.318min (-0.001) 0.43ng/ul m

response 17211

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.25#
125.00	22.60	15.03#
0.00	0.00	0.00

ju 1/29/18

Quantitation Report (Qedit)

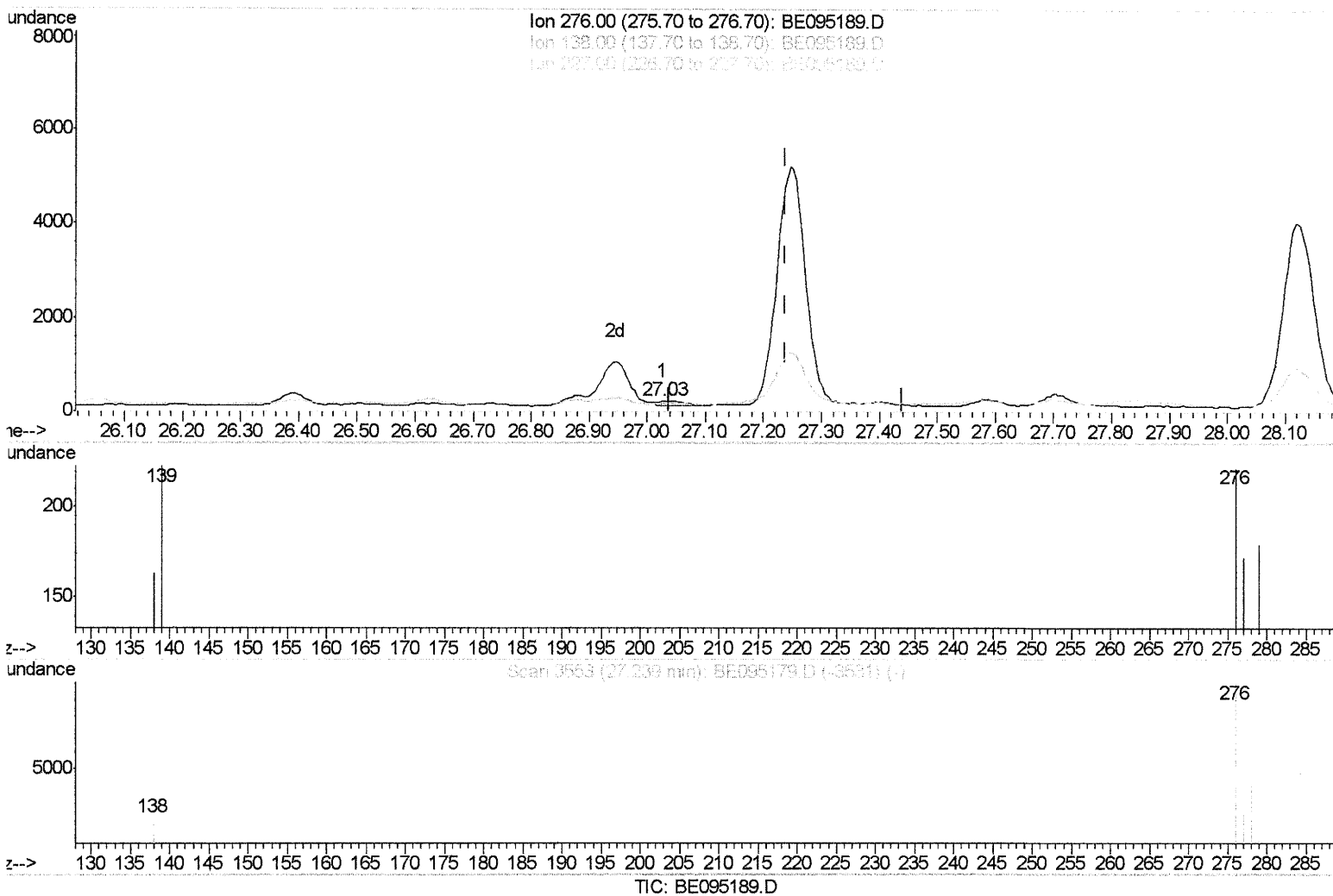
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



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

27.028min (-0.211) 0.01ng/ul

response 287

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	24.04#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

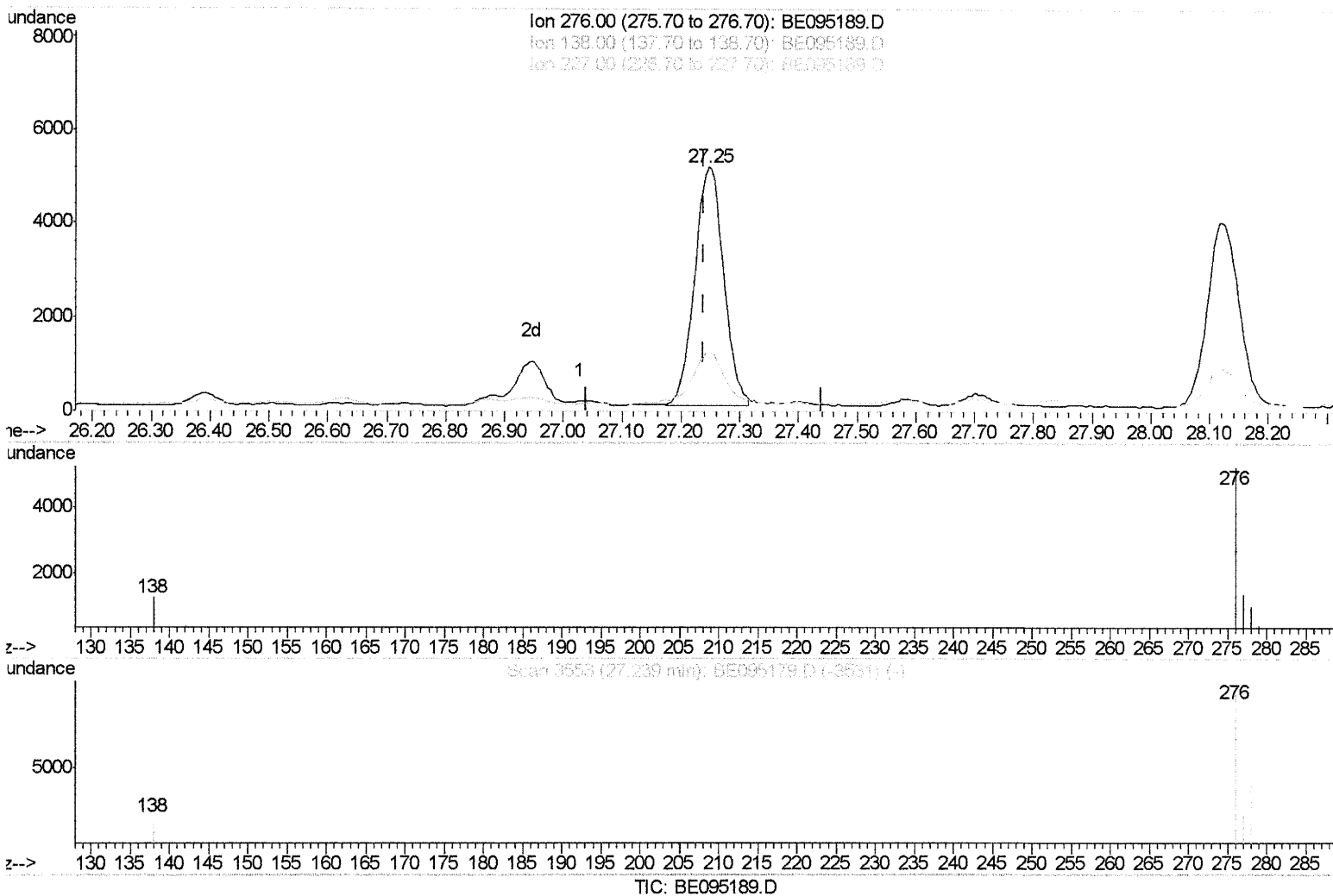
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



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

27.247min (+0.008) 0.40ng/ul m

response 17544

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.39#
227.00	10.00	0.00#
0.00	0.00	0.00

See 31/18

Quantitation Report (Qedit)

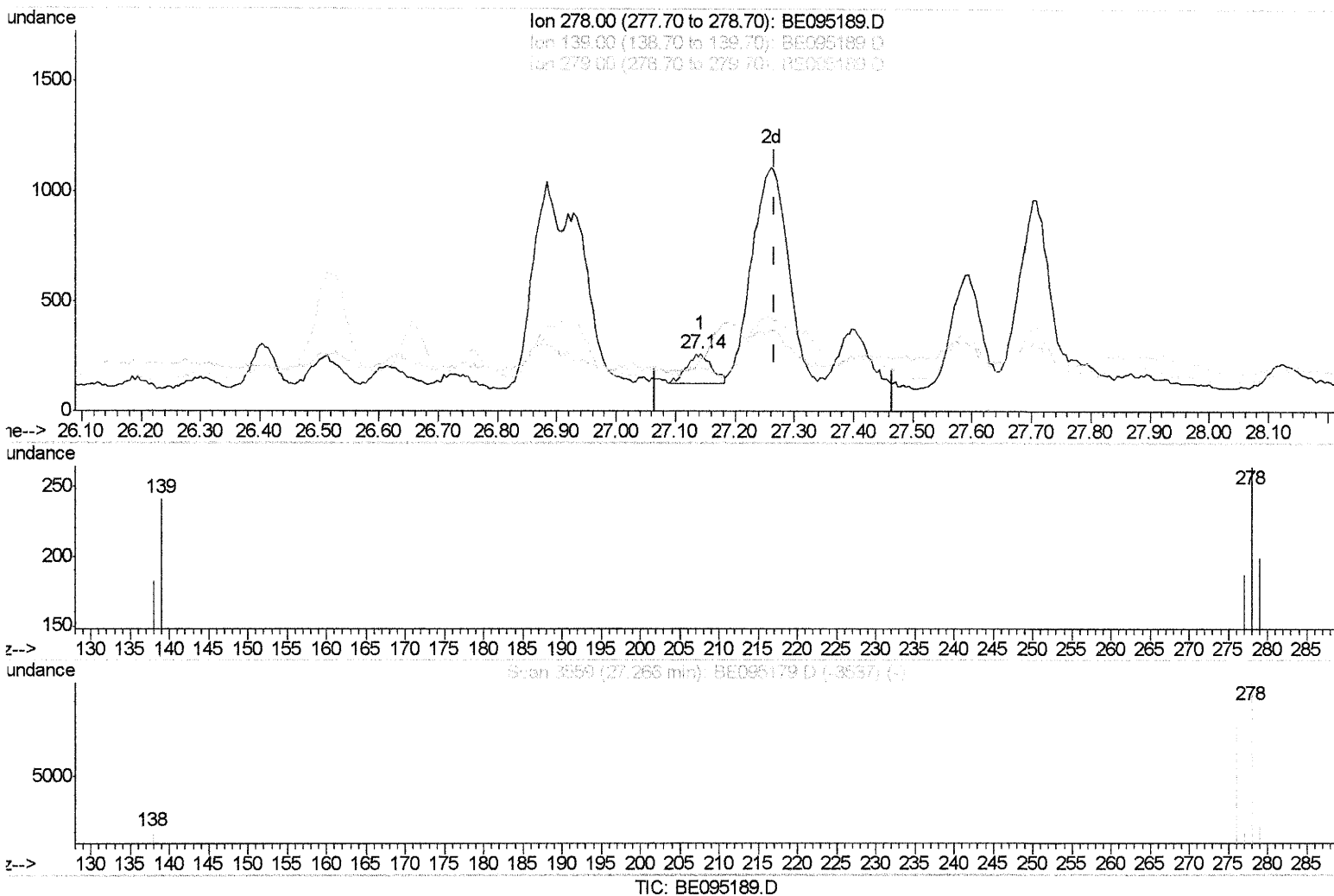
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.142min (-0.124) 0.01ng/ul

response 393

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	91.29#
279.00	32.40	75.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

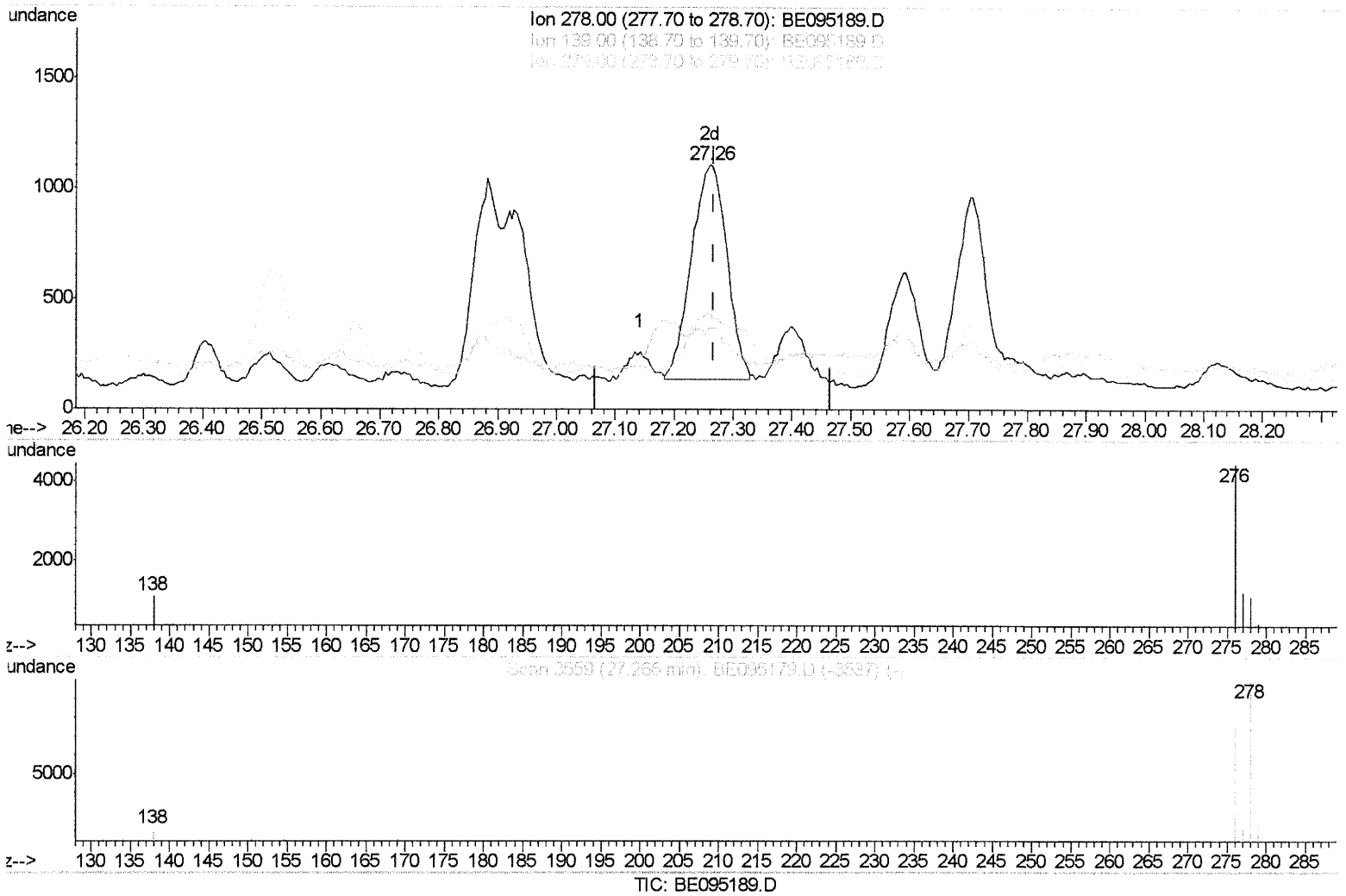
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.260min (-0.006) 0.11ng/ul m

response 4096

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	33.72#
279.00	32.40	39.75#
0.00	0.00	0.00

Handwritten signature: 2001/27/18

Quantitation Report (Qedit)

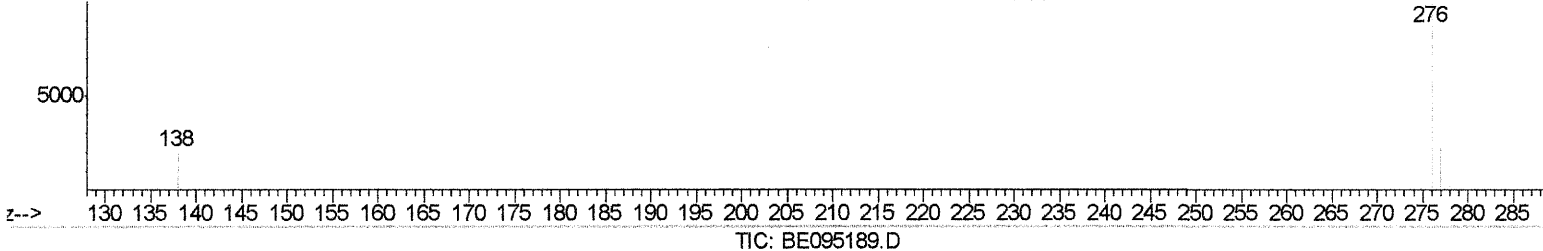
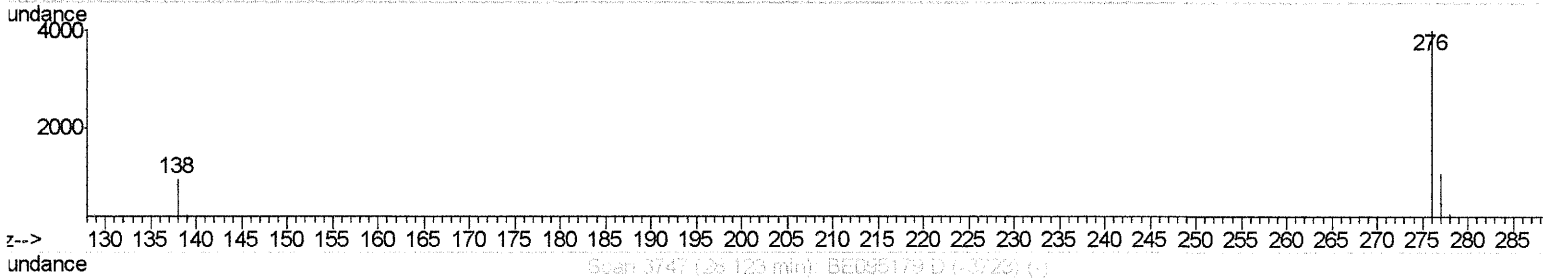
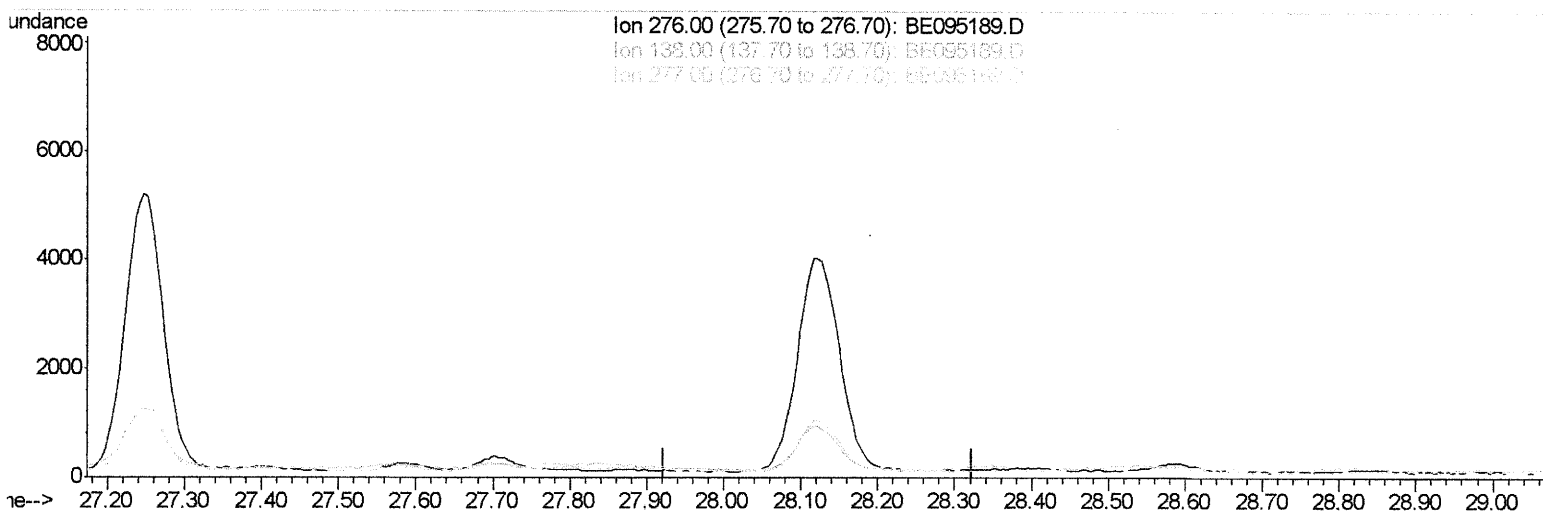
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



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

28.123min (-28.123) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

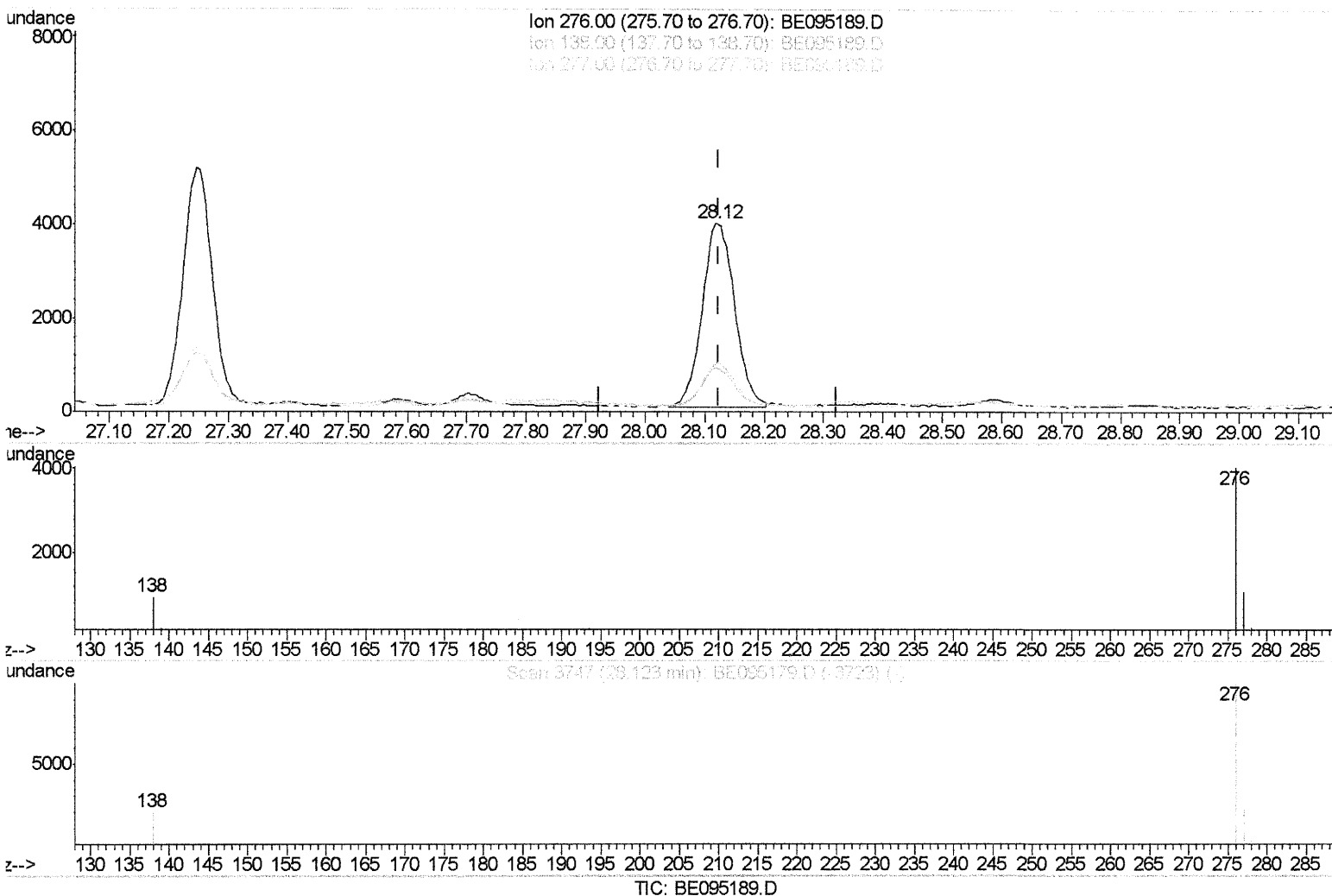
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:30:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 00:15:32 2018
 Response via : Initial Calibration



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

28.122min (-0.001) 0.40ng/ul m

response 15005

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	23.33
277.00	25.60	26.53
0.00	0.00	0.00

SJ/JU
 1/29/18

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
Client Sampled :
F6A25

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:13 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095189.D
Acq On : 28 Jan 2018 4:31
Operator : SJ/JU
Sample : J1220-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 29 00:32:50 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Jan 29 00:15:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3281	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10408	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6738	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13912m	0.40	ng/ul	>0.00
16) Chrysene-d12	21.80	240	14491	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12715m	0.40	ng/ul	>0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.82	152	4691	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12823	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) 2-Methylnaphthalene	12.89	142	401	0.021	ng/ul	94
7) Acenaphthylene	14.75	152	15732	0.485	ng/ul	97
8) Acenaphthene	15.08	153	905	0.036	ng/ul#	88
11) Pentachlorophenol	17.36	266	39575	14.687	ng/ul	96
12) Phenanthrene	17.75	178	54453	1.164	ng/ul#	87
13) Anthracene	17.85	178	23678	0.553	ng/ul#	92
15) Fluoranthene	19.73	202	358888	5.924	ng/ul	83
17) Pyrene	20.08	202	295135	6.070	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	83656	1.846	ng/ul#	86
19) Chrysene	21.84	228	89176	1.896	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	88479m	1.972	ng/ul	} 2001/31/18
22) Benzo(k)fluoranthene	23.67	252	24763m	0.603	ng/ul	
23) Benzo(a)pyrene	24.32	252	17211m	0.430	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	17544m	0.399	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	4096m	0.114	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	15005m	0.403	ng/ul	

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