

Quantitation Report (QT Reviewed)

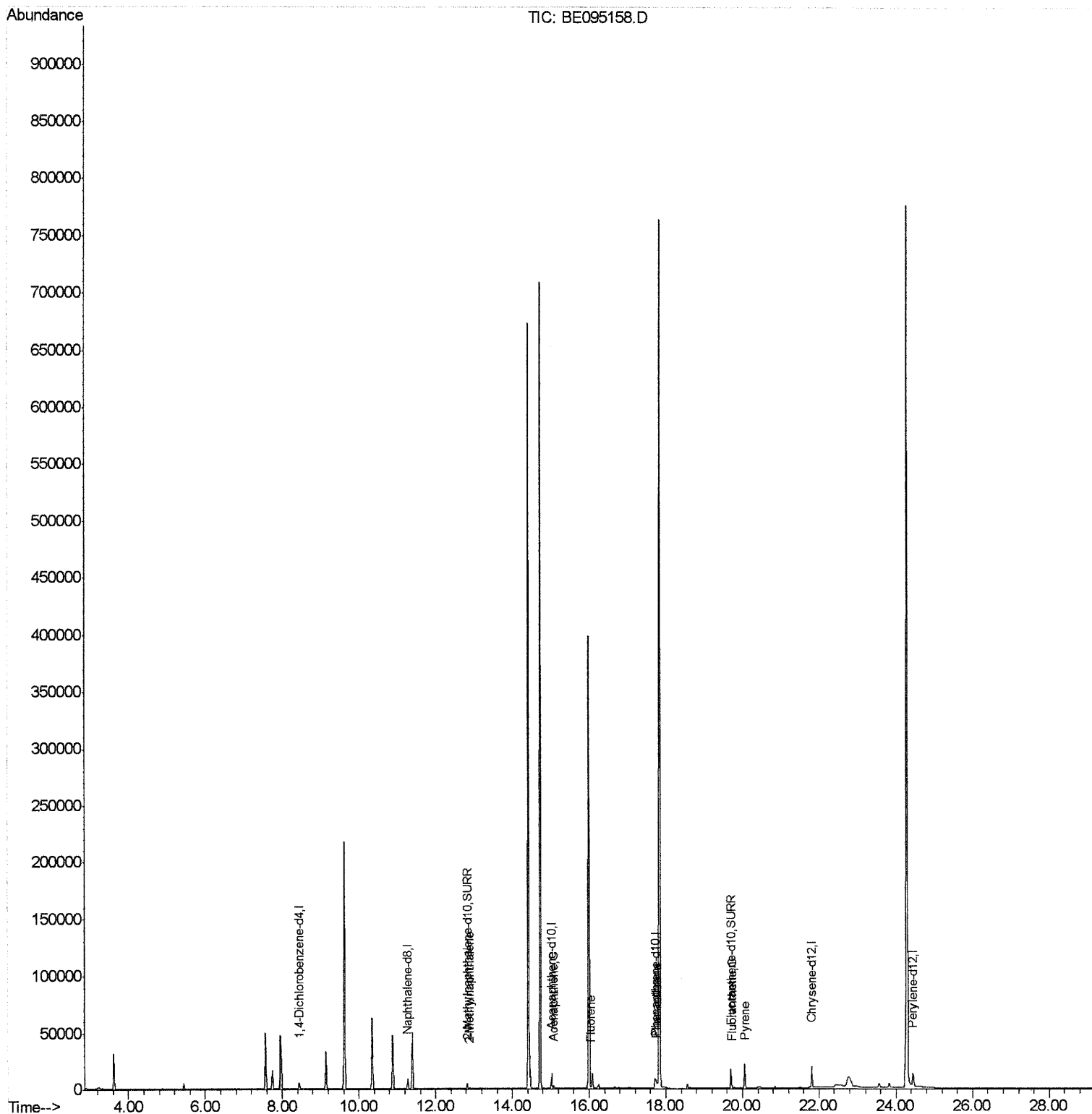
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095158.D
 Acq On : 27 Jan 2018 9:12
 Operator : SJ/JU
 Sample : J1174-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A55

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:39 PM

Quant Time: Jan 28 00:29:49 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

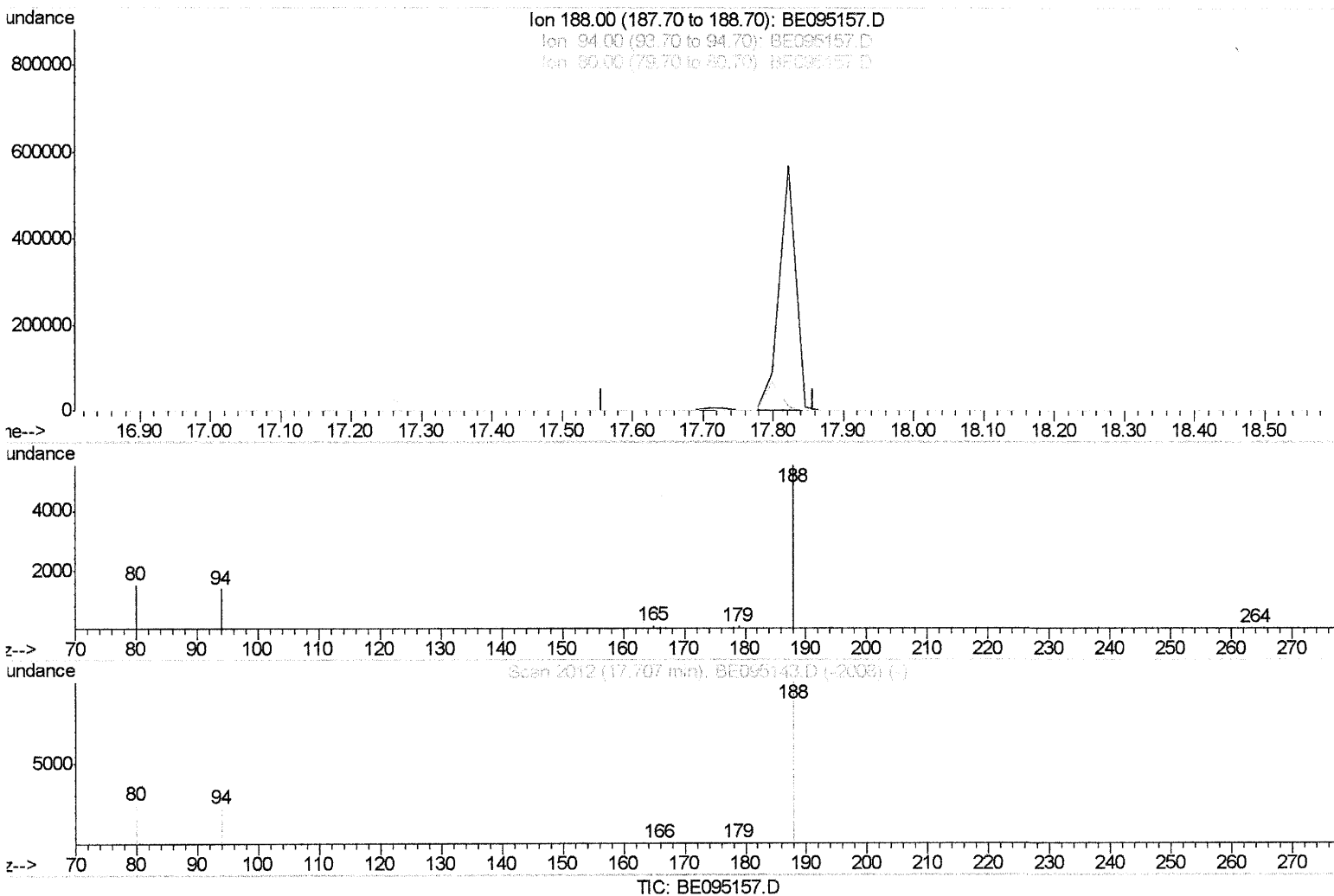
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095157.D
Acq On : 27 Jan 2018 8:39
Operator : SJ/JU
Sample : J1174-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6A55

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:39 PM

Quant Time: Jan 27 22:36:35 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 03:18:43 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.707min (-17.707) 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)

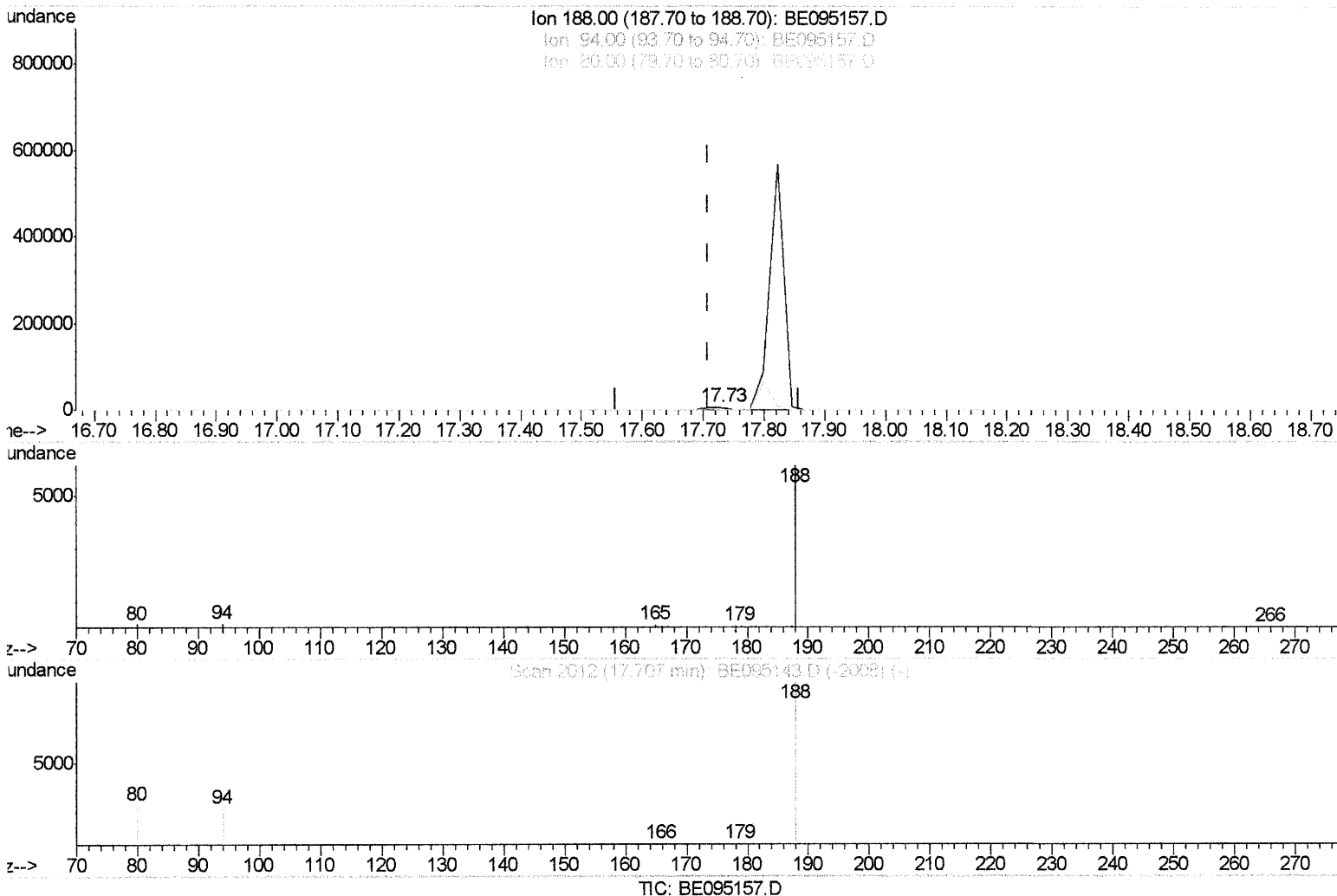
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
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 Operator : SJ/JU
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(10) Phenanthrene-d10 (I)

17.730min (+0.023) 0.40ng/ul m

response 16312

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	3.09#
80.00	11.80	2.73#
0.00	0.00	0.00

see 01/27/18

Quantitation Report (Qedit)

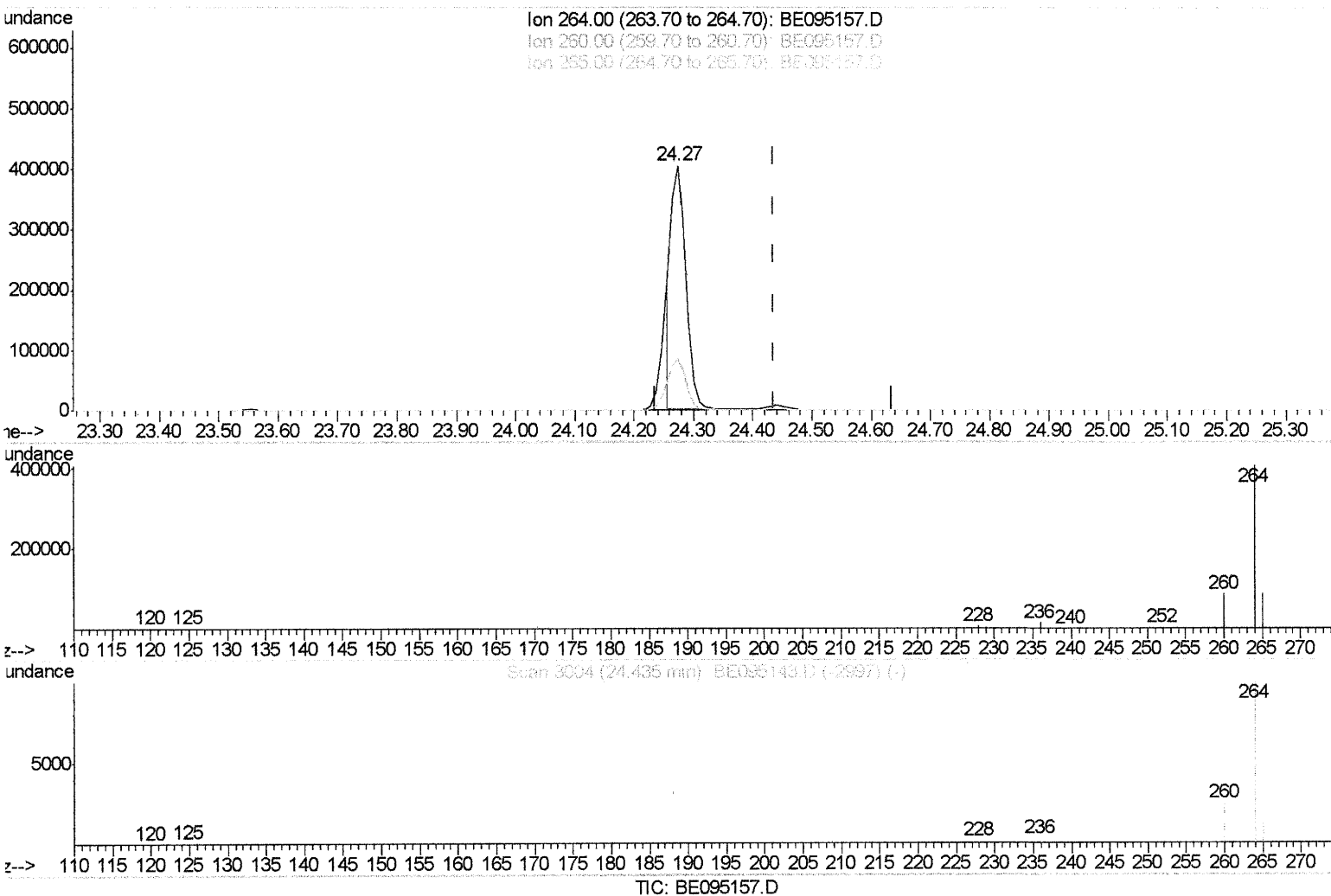
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095157.D
 Acq On : 27 Jan 2018 8:39
 Operator : SJ/JU
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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
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Quant Time: Jan 28 00:11:47 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
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(20) Perylene-d12 (I)

24.273min (-0.162) 0.40ng/ul

response 697047

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.12#
265.00	103.50	21.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

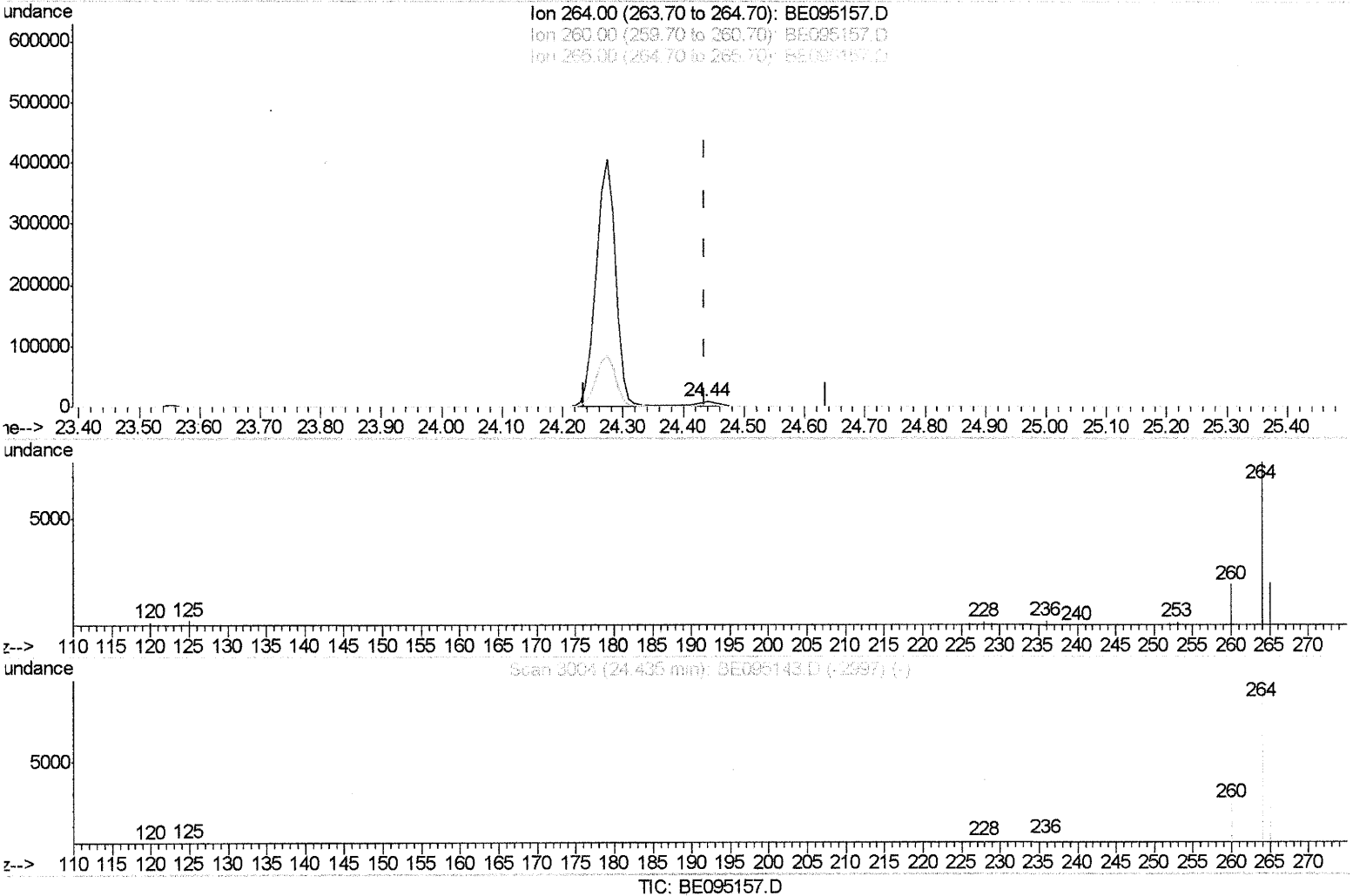
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
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(20) Perylene-d12 (I)

24.436min (+0.000) 0.40ng/ul m

response 16313

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.46
265.00	103.50	26.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

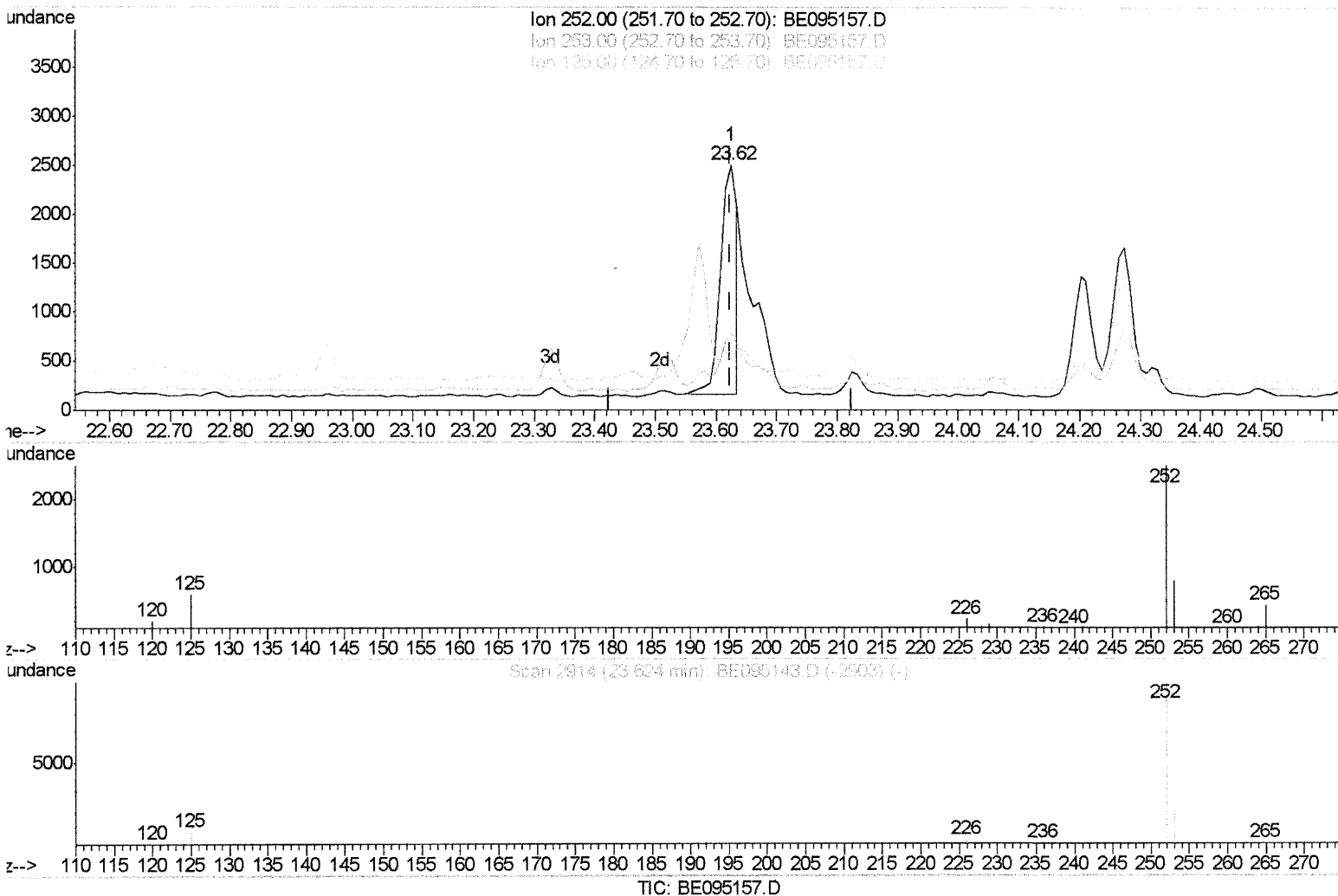
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095157.D
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 Operator : SJ/JU
 Sample : J1174-02
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 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 Client Sampled :
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Manual Integrations
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Sohil
 1/29/2018 6:34:39 PM

Quant Time: Jan 28 00:13:01 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(21) Benzo(b)fluoranthene

23.625min (+0.000) 0.08ng/ul

response 4458

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.33
125.00	17.50	23.78
0.00	0.00	0.00

Quantitation Report (Qedit)

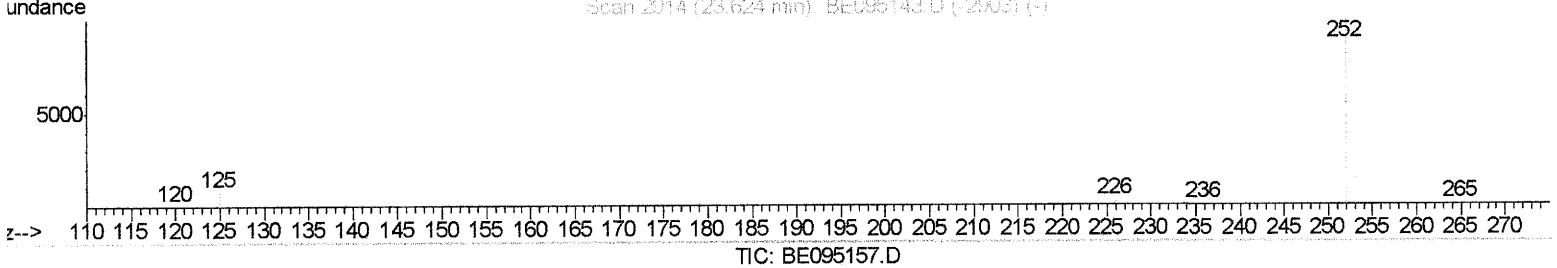
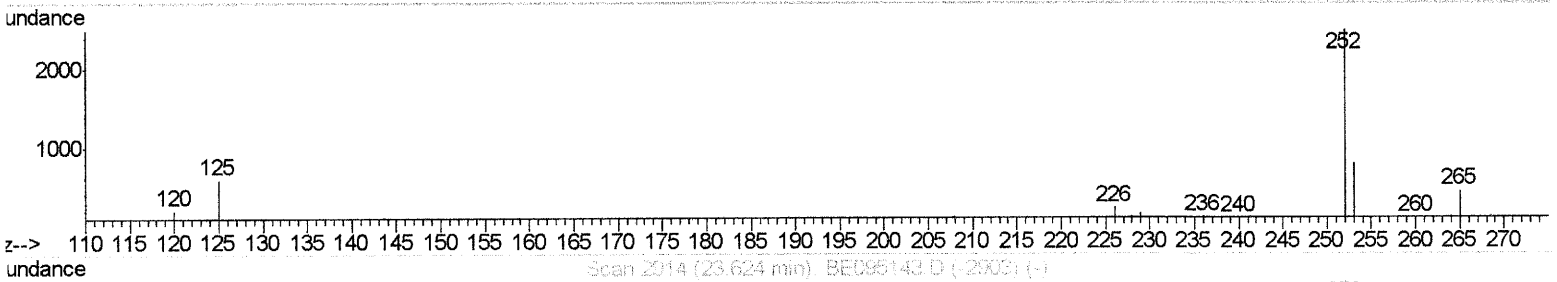
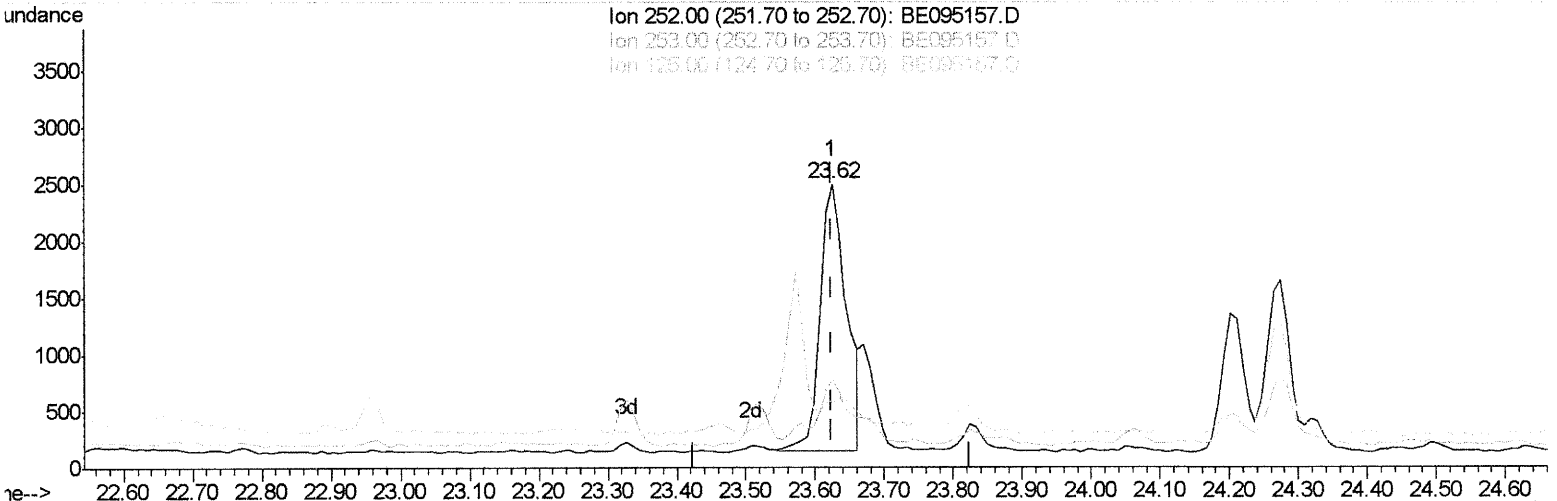
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095157.D
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 Operator : SJ/JU
 Sample : J1174-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A55

Manual Integrations
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(21) Benzo(b)fluoranthene

23.625min (+0.000) 0.11ng/ul m

response 6342

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.33
125.00	17.50	23.78
0.00	0.00	0.00

Handwritten signature/initials

Quantitation Report (Qedit)

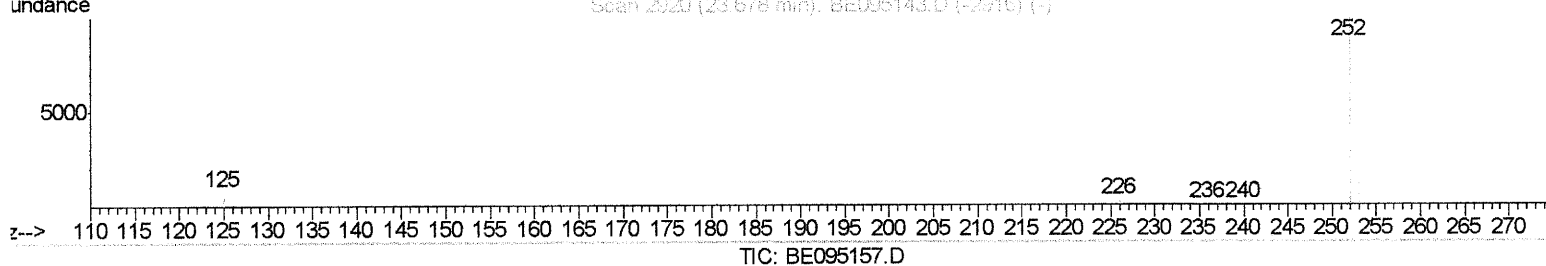
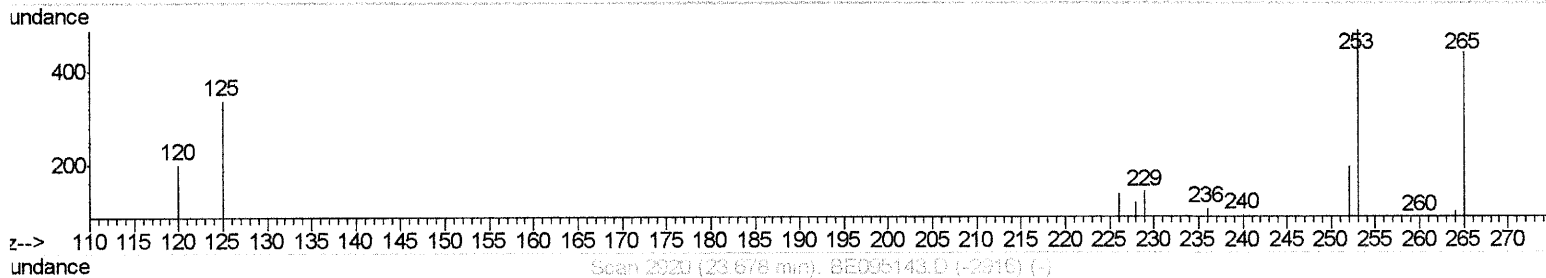
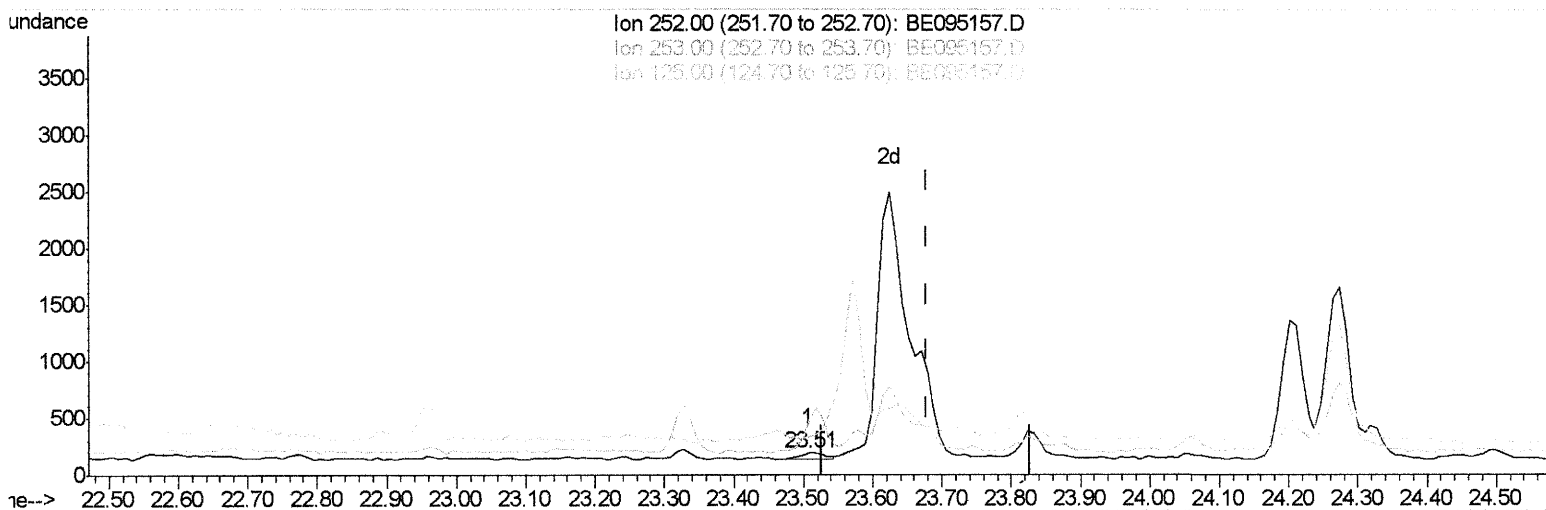
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095157.D
 Acq On : 27 Jan 2018 8:39
 Operator : SJ/JU
 Sample : J1174-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A55

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:39 PM

Quant Time: Jan 28 00:13:44 2018
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(22) Benzo(k)fluoranthene

23.507min (-0.171) 0.00ng/ul

response 148

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	253.89#
125.00	17.10	175.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

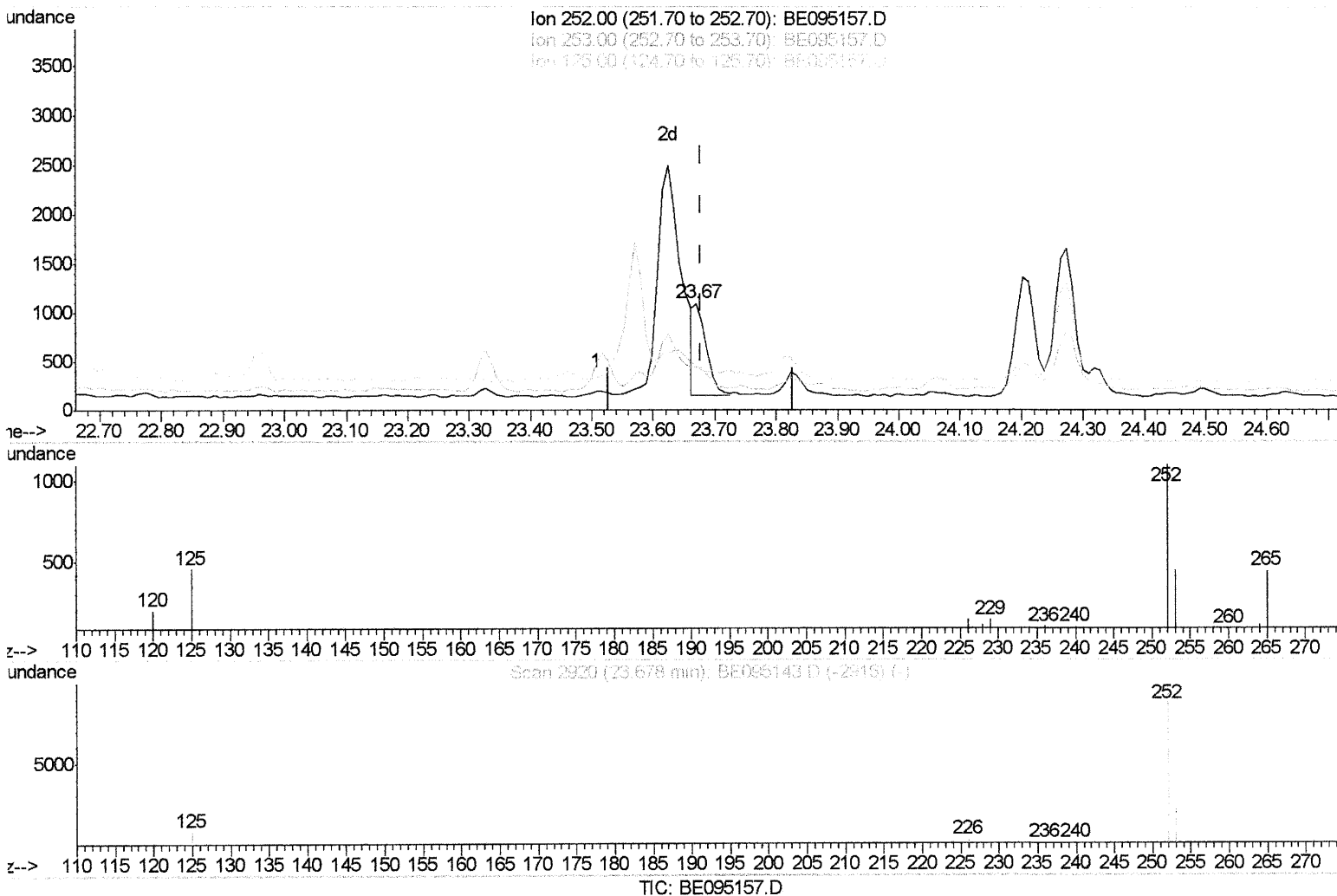
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095157.D
 Acq On : 27 Jan 2018 8:39
 Operator : SJ/JU
 Sample : J1174-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A55

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:39 PM

Quant Time: Jan 28 00:13:44 2018
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(22) Benzo(k)fluoranthene

23.670min (-0.009) 0.03ng/ul m

response 1343

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	40.78#
125.00	17.10	41.79#
0.00	0.00	0.00

JU 1/31/18

Quantitation Report (Qedit)

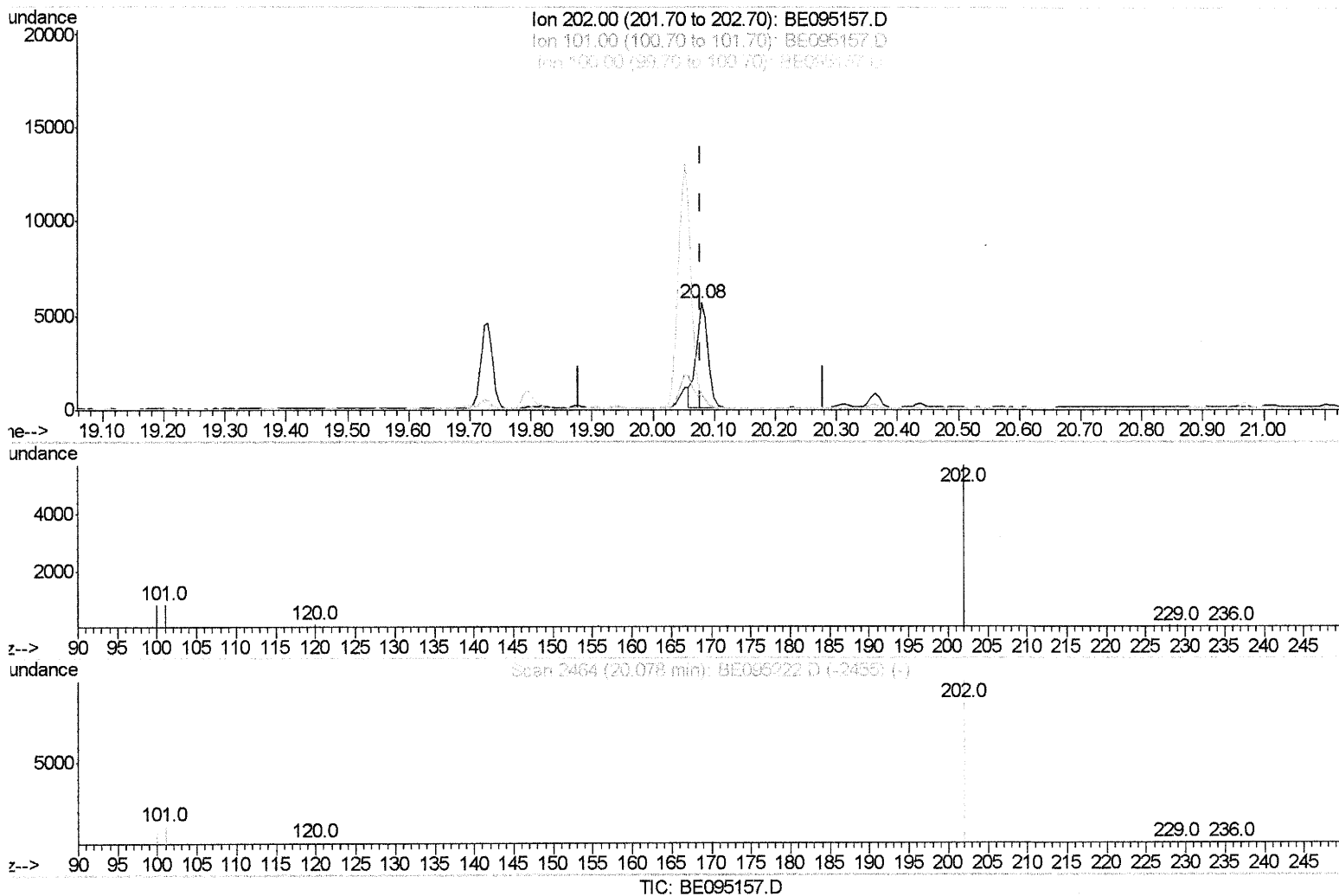
Data Path : U:\HPCHEM1\BNA E\Data\BE012618\
 Data File : BE095157.D
 Acq On : 27 Jan 2018 8:39
 Operator : SJ/JU
 Sample : J1174-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 F6A55

Manual Integrations
 APPROVED

Sohil
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Quant Time: Jan 28 00:19:52 2018
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(17) Pyrene

20.078min (-0.001) 0.13ng/ul m

response 7400

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	14.93#
100.00	19.50	14.72#
0.00	0.00	0.00

201/3/18

Quantitation Report (Qedit)

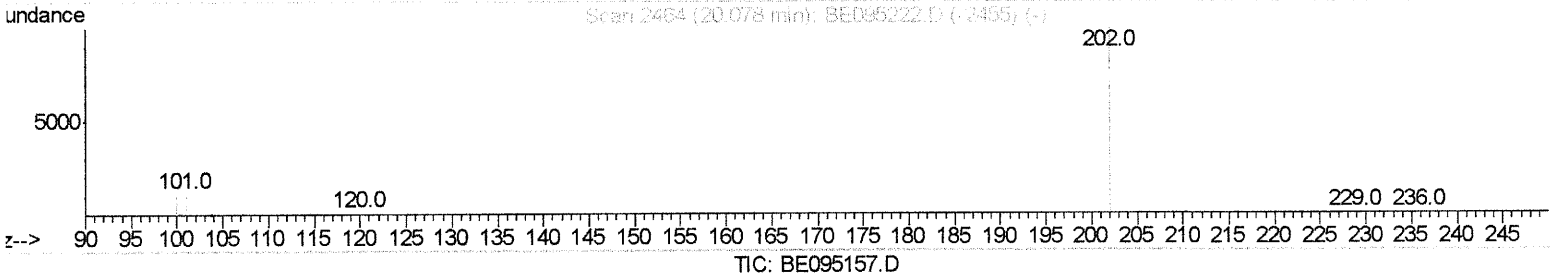
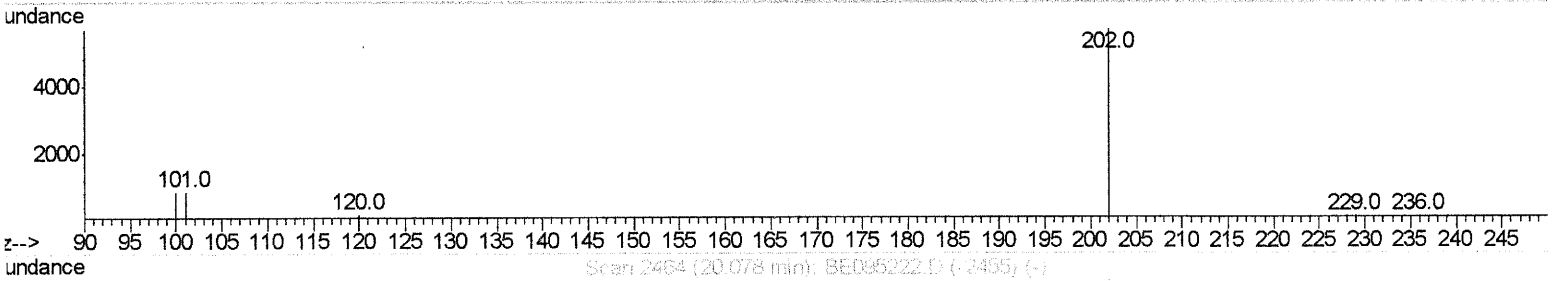
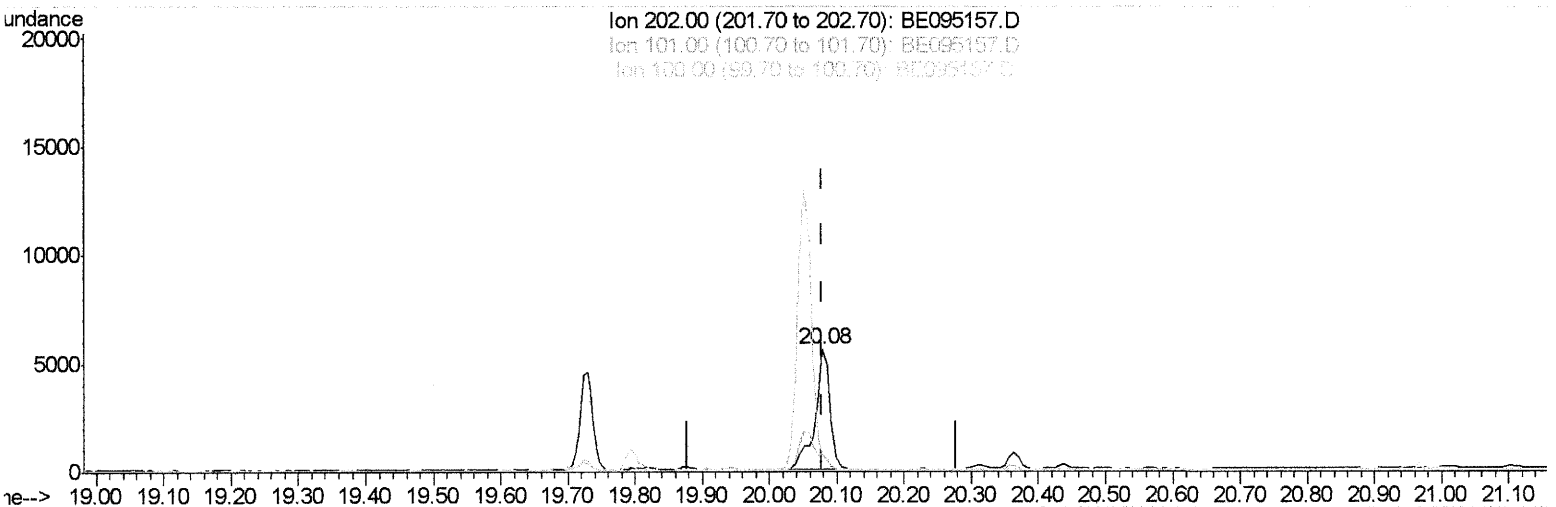
Data Path : U:\HPCHEM1\BNA E\Data\BE012618\
 Data File : BE095157.D
 Acq On : 27 Jan 2018 8:39
 Operator : SJ/JU
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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 F6A55

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:39 PM

Quant Time: Jan 28 00:19:52 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(17) Pyrene

20.078min (-0.001) 0.16ng/ul

response 9216

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	14.93#
100.00	19.50	14.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

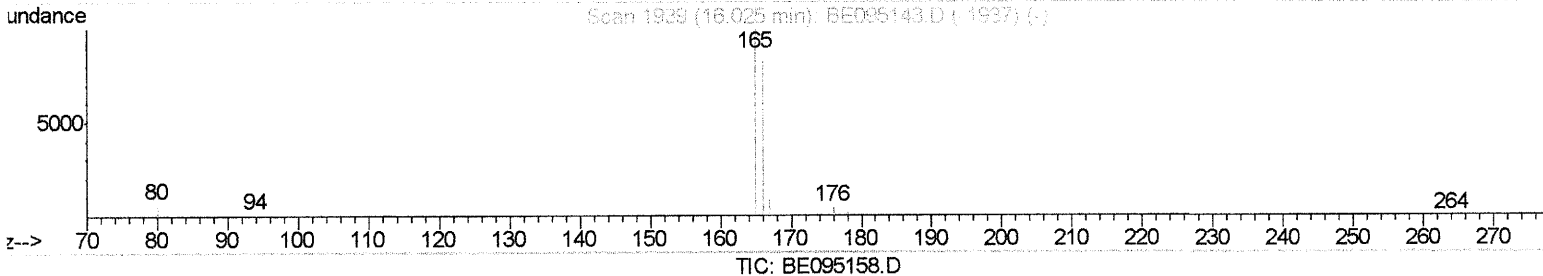
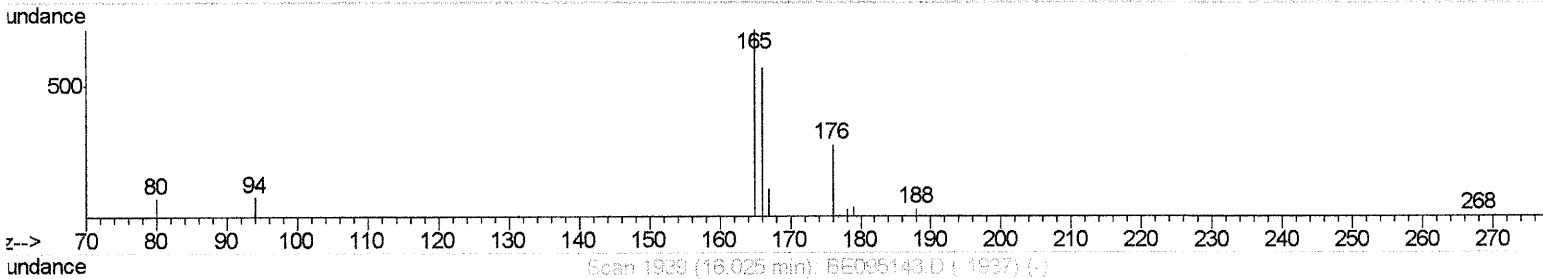
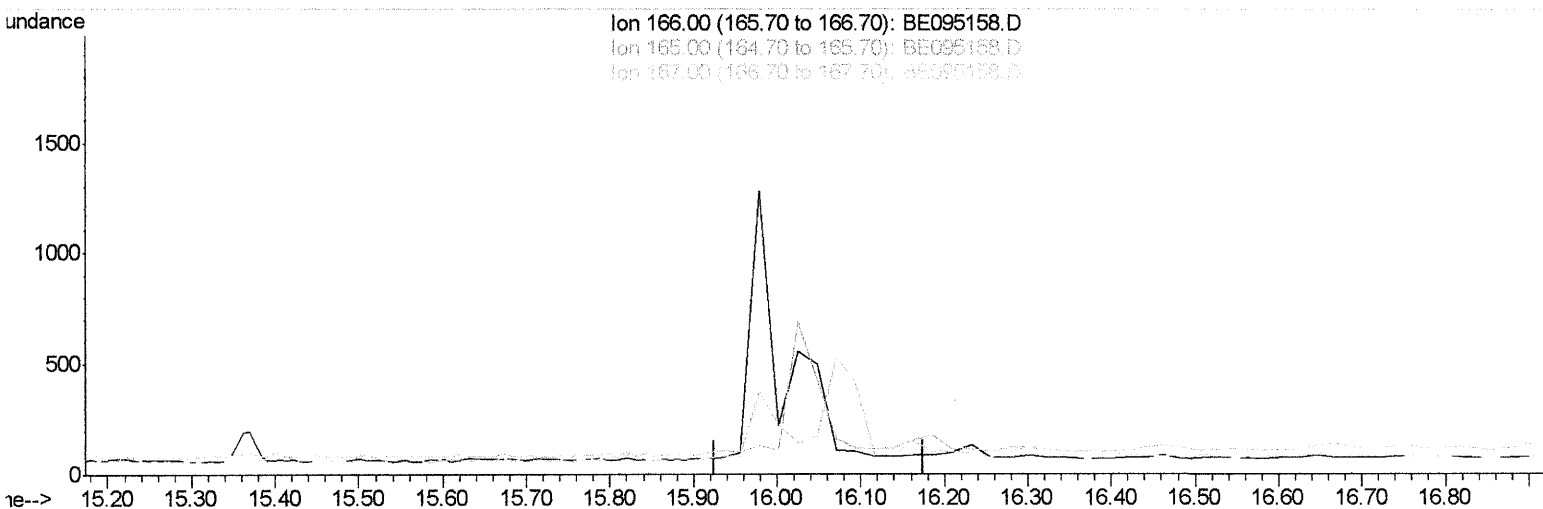
Instrument :
BNA_E
ClientSampled :
F6A55

Manual Integrations
APPROVED

Sohil
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(9) Fluorene

16.025min (-16.025) 0.00ng/ul

response 0

Ion	Exp%	Act%
166.00	100	0.00
165.00	91.80	0.00#
167.00	18.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

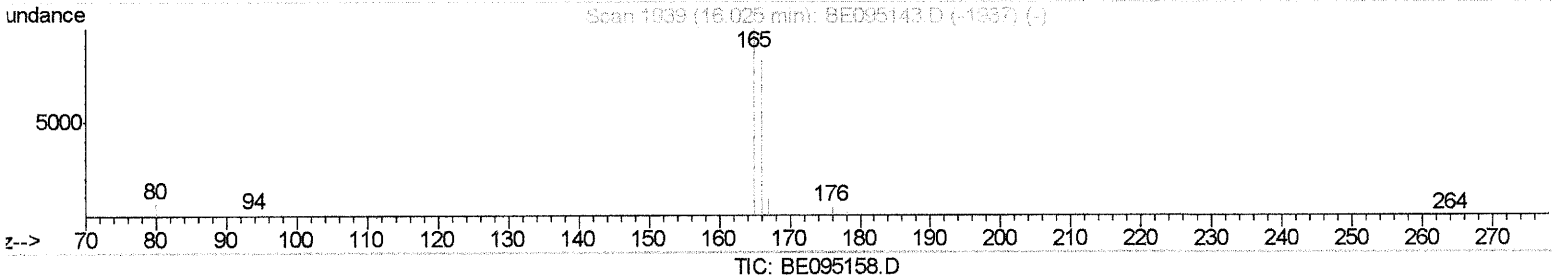
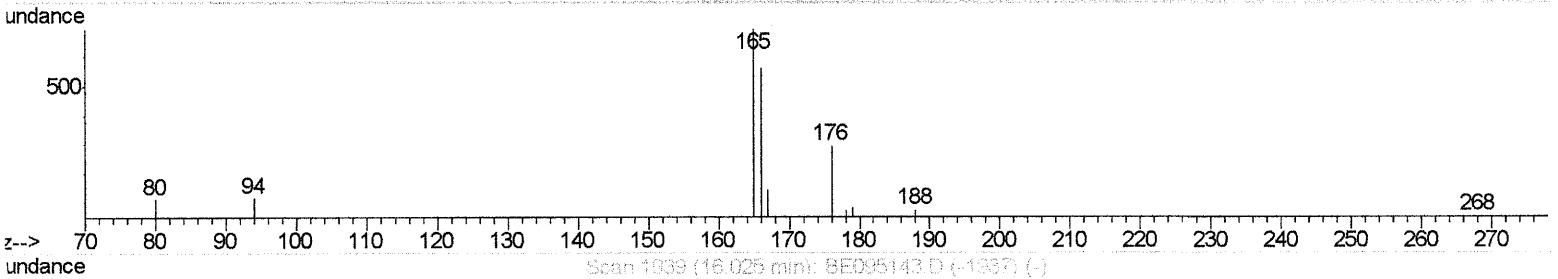
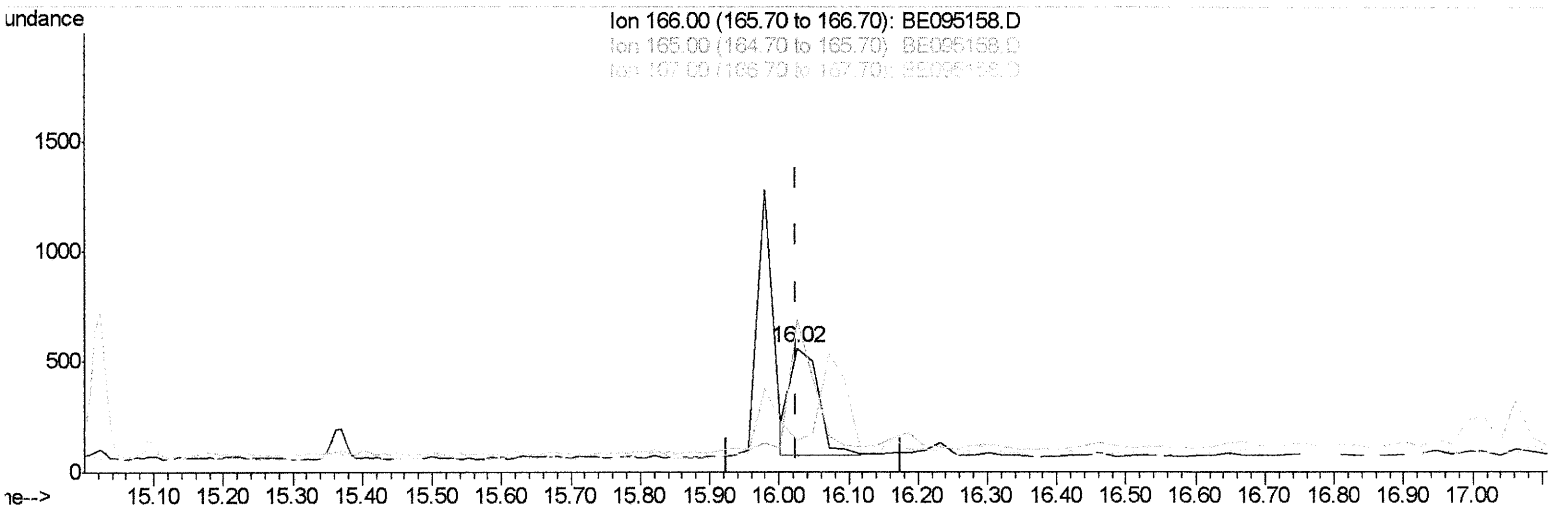
Instrument :
BNA_E
ClientSampled :
F6A55

Manual Integrations
APPROVED

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1/29/2018 6:34:39 PM

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(9) Fluorene

16.025min (-0.000) 0.05ng/ul m

response 1336

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	123.89#
167.00	18.30	25.49#
0.00	0.00	0.00

Jan 31/18

Quantitation Report (Qedit)

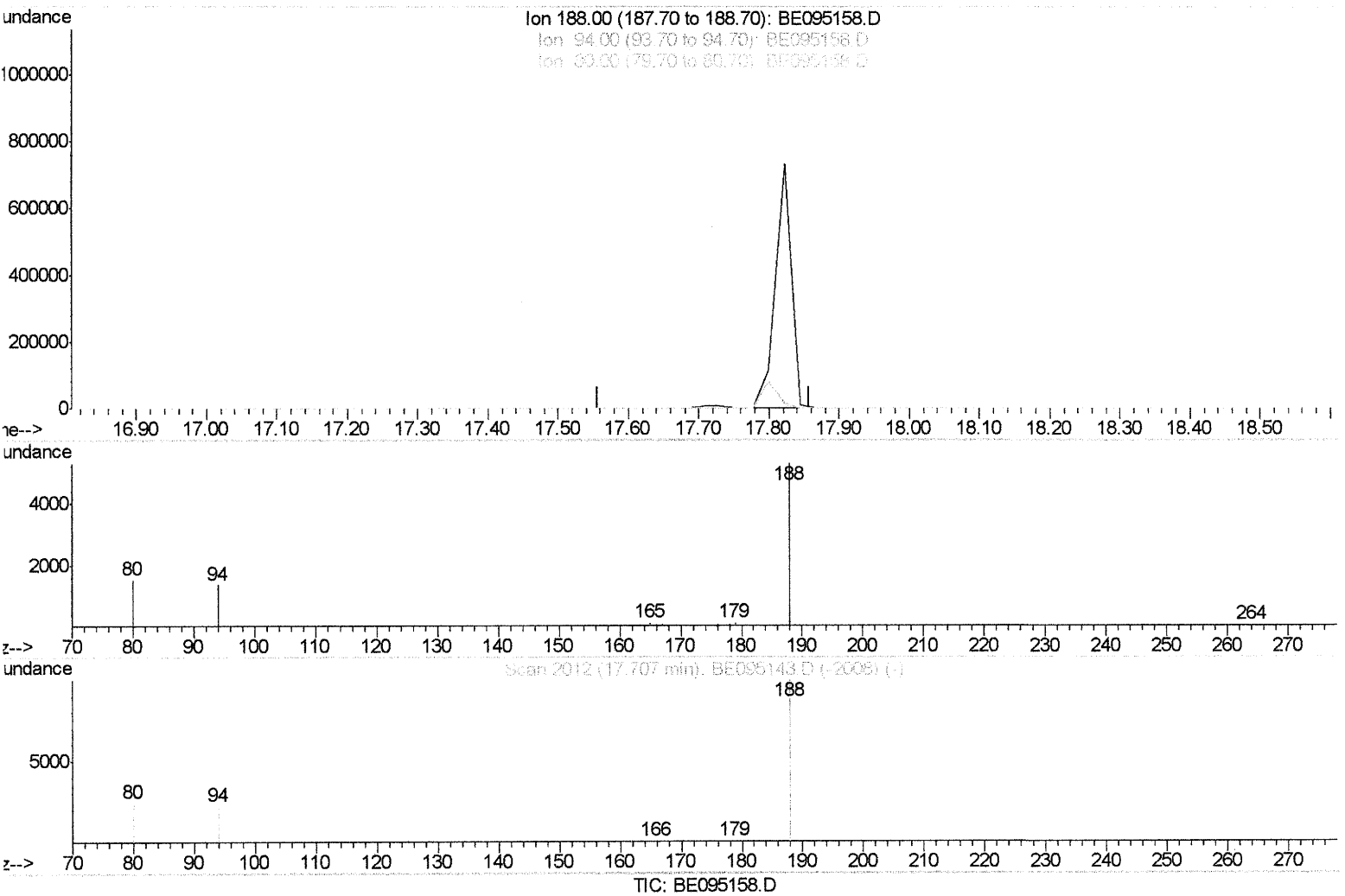
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(10) Phenanthrene-d10 (I)

17.707min (-17.707) 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)

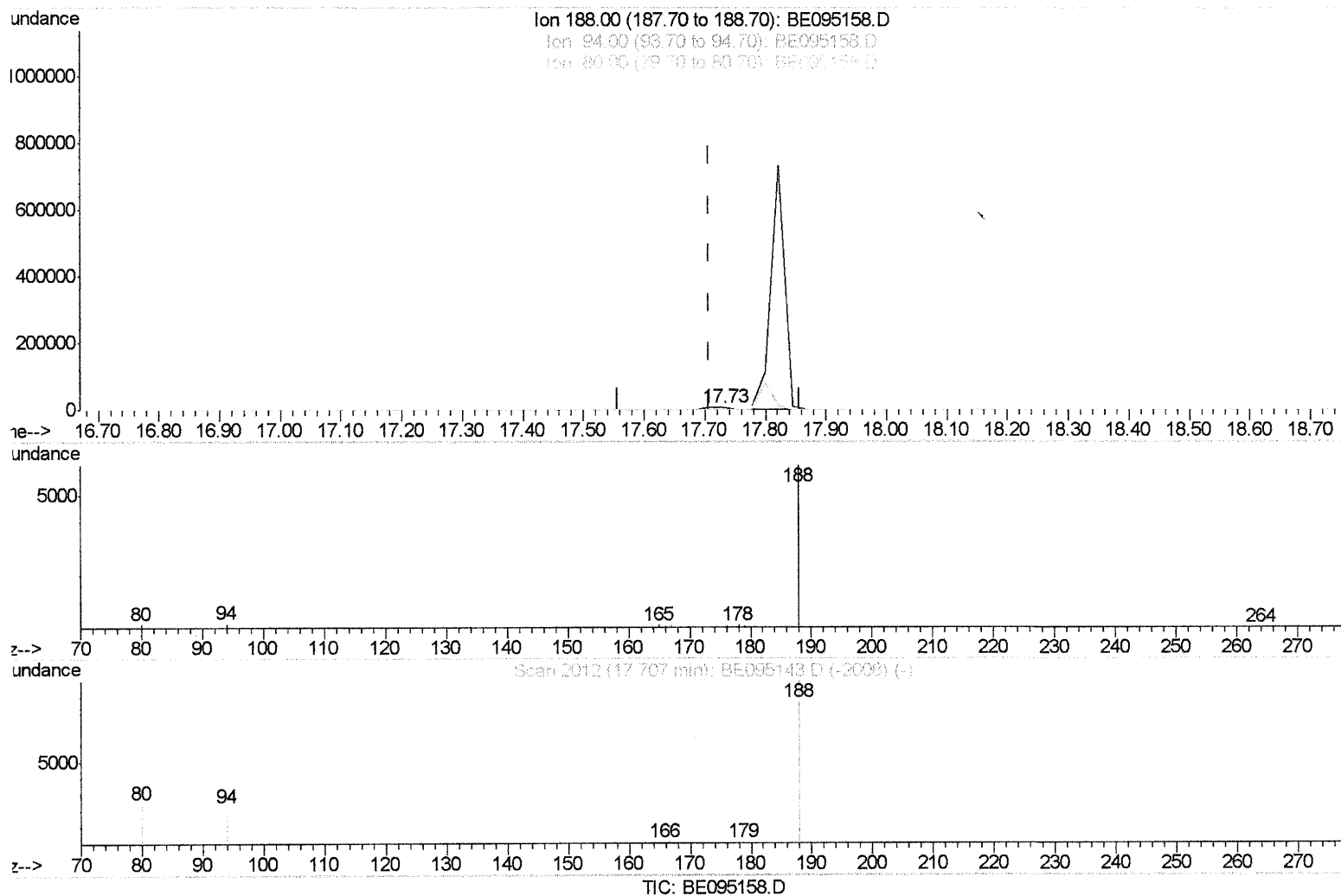
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(10) Phenanthrene-d10 (I)

17.730min (+0.023) 0.40ng/ul m

response 15941

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	2.89#
80.00	11.80	2.66#
0.00	0.00	0.00

See 1/31/18

Quantitation Report (Qedit)

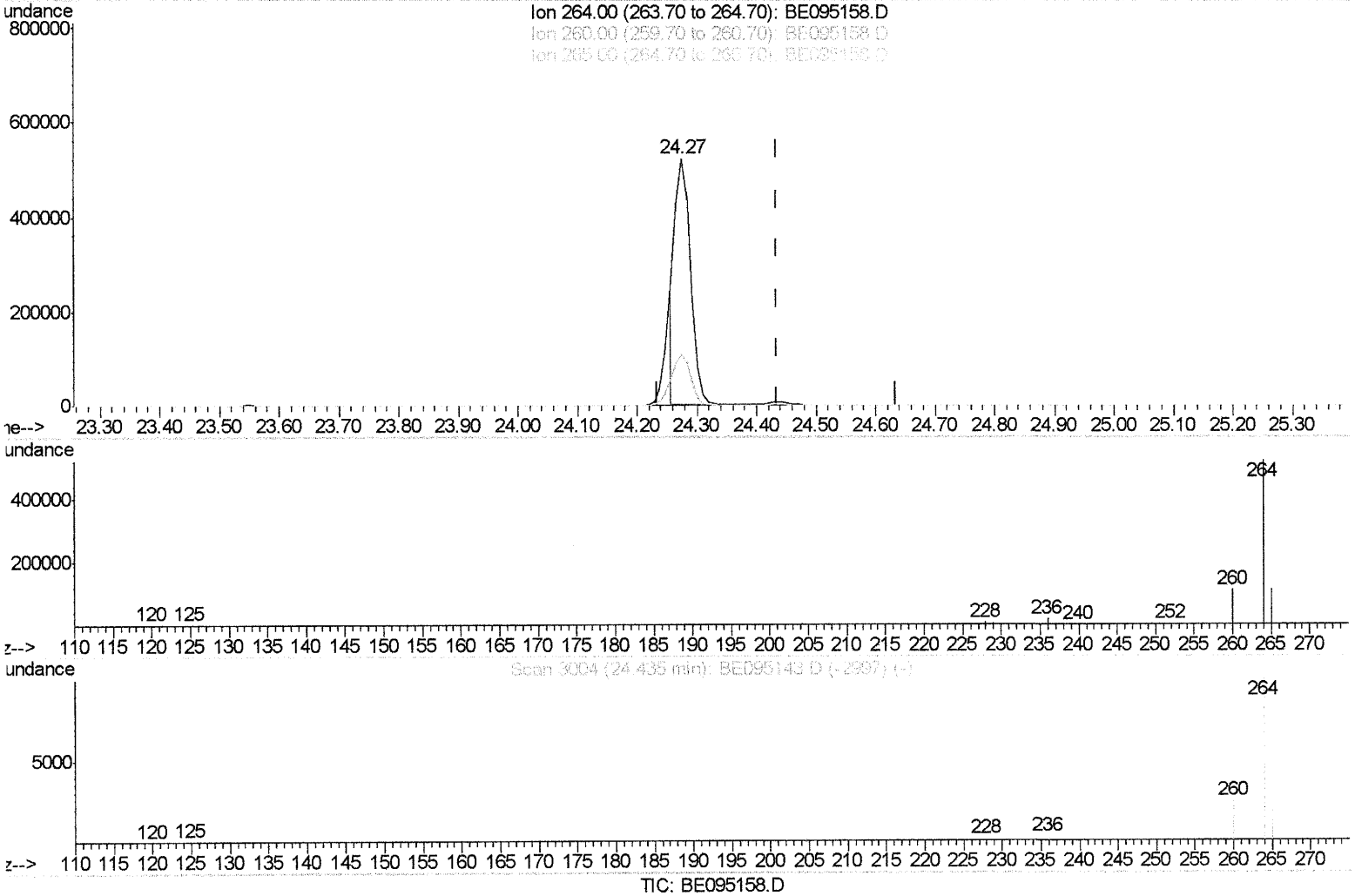
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Manual Integrations
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(20) Perylene-d12 (I)

24.274min (-0.161) 0.40ng/ul

response 937385

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.13#
265.00	103.50	21.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

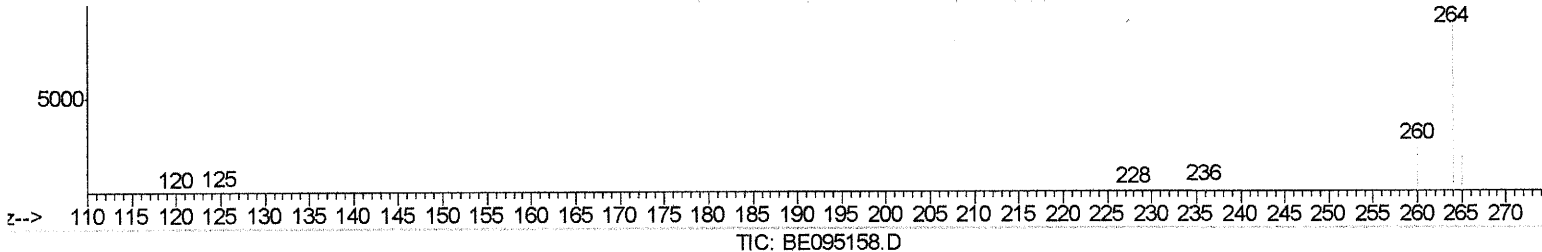
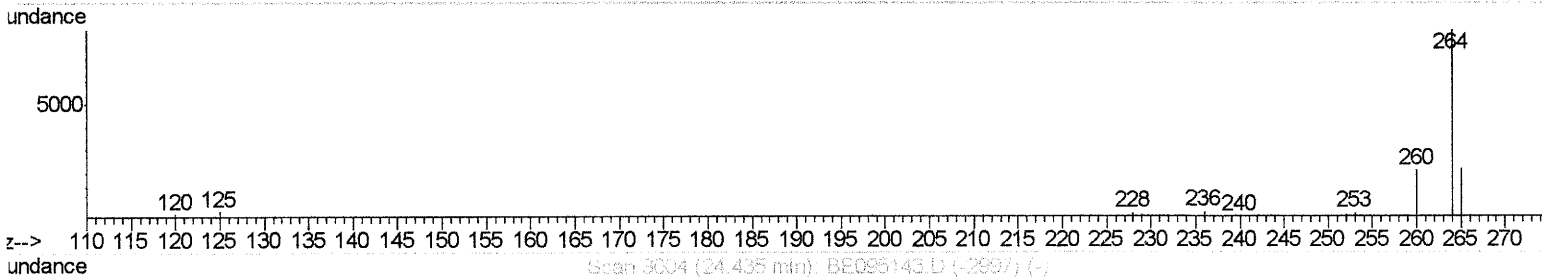
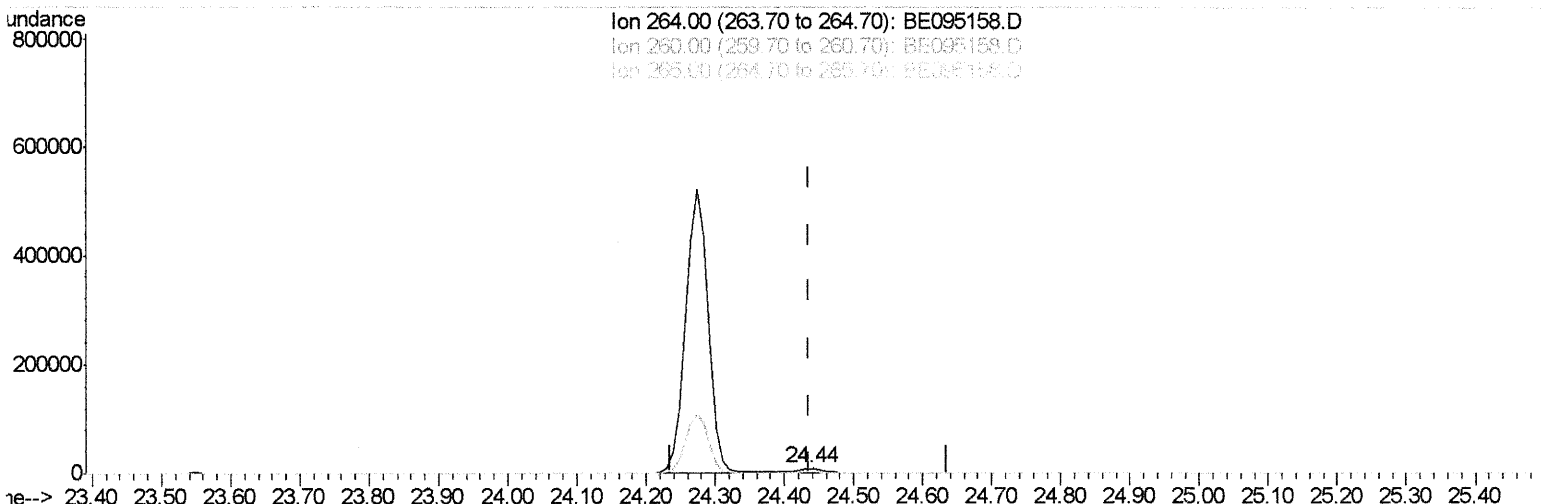
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(20) Perylene-d12 (I)

24.436min (+0.001) 0.40ng/ul m

response 15815

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.15
265.00	103.50	26.21#
0.00	0.00	0.00

SJ/JU 1/31/18

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Client Sampled :
F6A55

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Sohil
1/29/2018 6:34:39 PM

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095158.D
Acq On : 27 Jan 2018 9:12
Operator : SJ/JU
Sample : J1174-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 28 00:29:49 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Jan 27 03:18:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3509	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11336	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7326	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	15941m	0.40	ng/ul	>0.02
16) Chrysene-d12	21.80	240	17648	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	15815m	0.40	ng/ul	>0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.82	152	5523	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	17156	0.28	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) 2-Methylnaphthalene	12.89	142	718	0.034	ng/ul	98
8) Acenaphthene	15.08	153	1346	0.049	ng/ul	91
9) Fluorene	16.02	166	1336m	0.047	ng/ul	>
12) Phenanthrene	17.75	178	5109	0.095	ng/ul#	87
15) Fluoranthene	19.73	202	3171	0.046	ng/ul	86
17) Pyrene	20.08	202	2217	0.037	ng/ul#	94

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