

Quantitation Report (QT Reviewed)

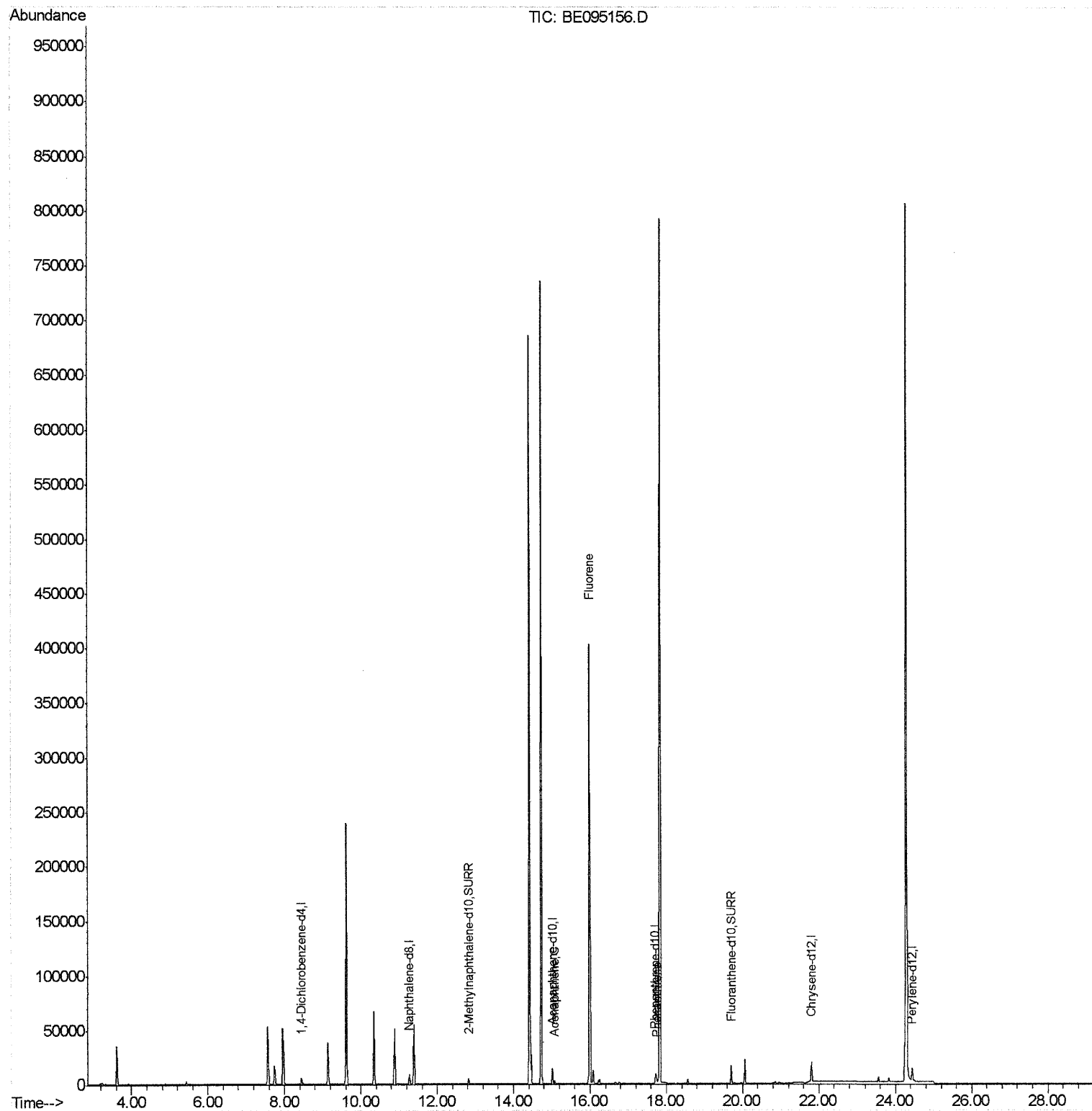
Instrument :
BNA_E
ClientSampled :
F6A58

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:31 PM

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095156.D
Acq On : 27 Jan 2018 8:03
Operator : SJ/JU
Sample : J1174-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jan 28 00:07:59 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)

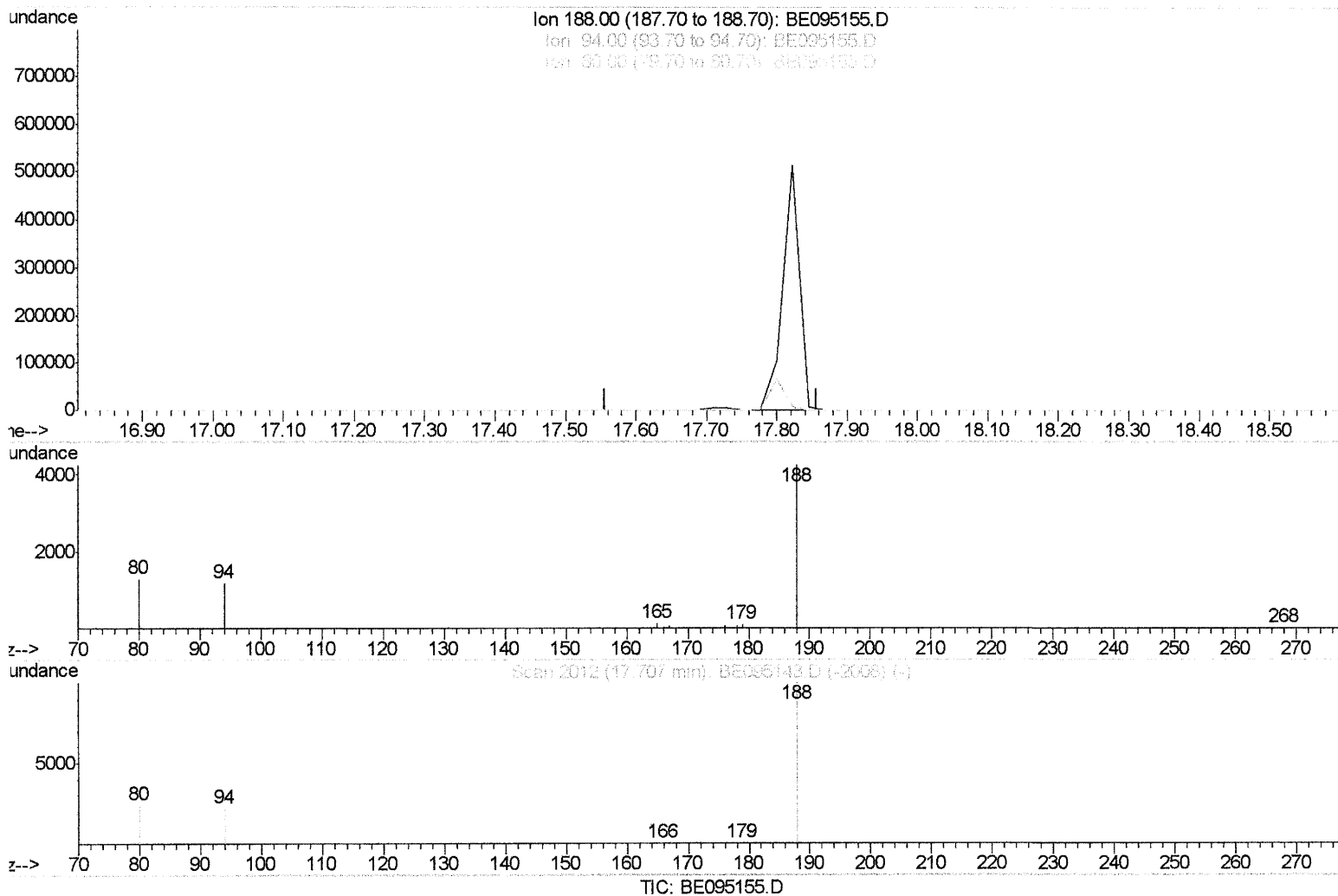
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095155.D
 Acq On : 27 Jan 2018 7:27
 Operator : SJ/JU
 Sample : J1174-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A58

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:31 PM

Quant Time: Jan 27 22:36:21 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)

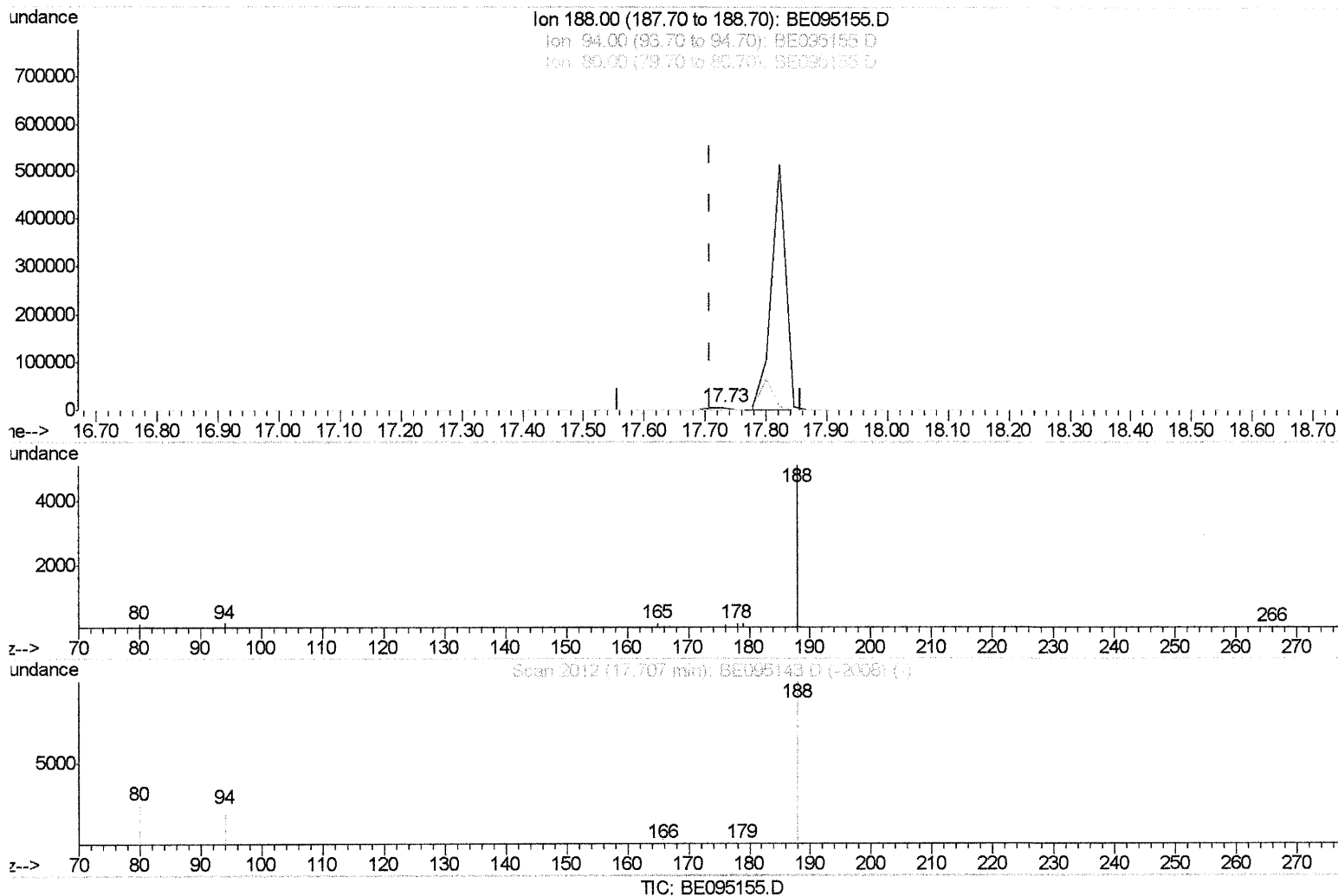
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095155.D
Acq On : 27 Jan 2018 7:27
Operator : SJ/JU
Sample : J1174-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6A58

Manual Integrations
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(10) Phenanthrene-d10 (I)

17.730min (+0.023) 0.40ng/ul

response 12763

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	3.87#
80.00	11.80	3.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

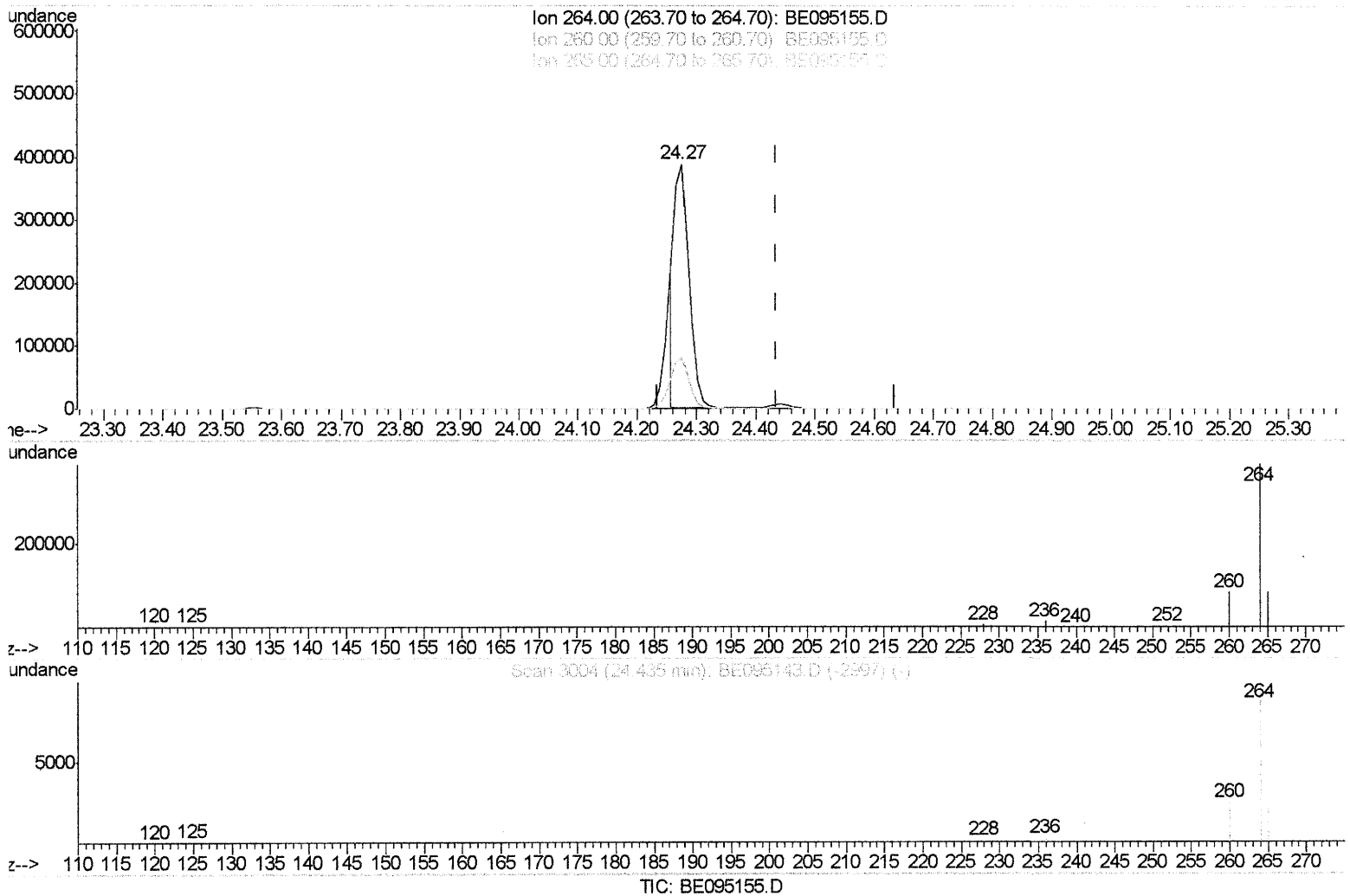
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095155.D
 Acq On : 27 Jan 2018 7:27
 Operator : SJ/JU
 Sample : J1174-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A58

Manual Integrations
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 1/29/2018 6:34:31 PM

Quant Time: Jan 27 23:39:41 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
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(20) Perylene-d12 (I)

24.274min (-0.161) 0.40ng/ul

response 662266

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.05#
265.00	103.50	21.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

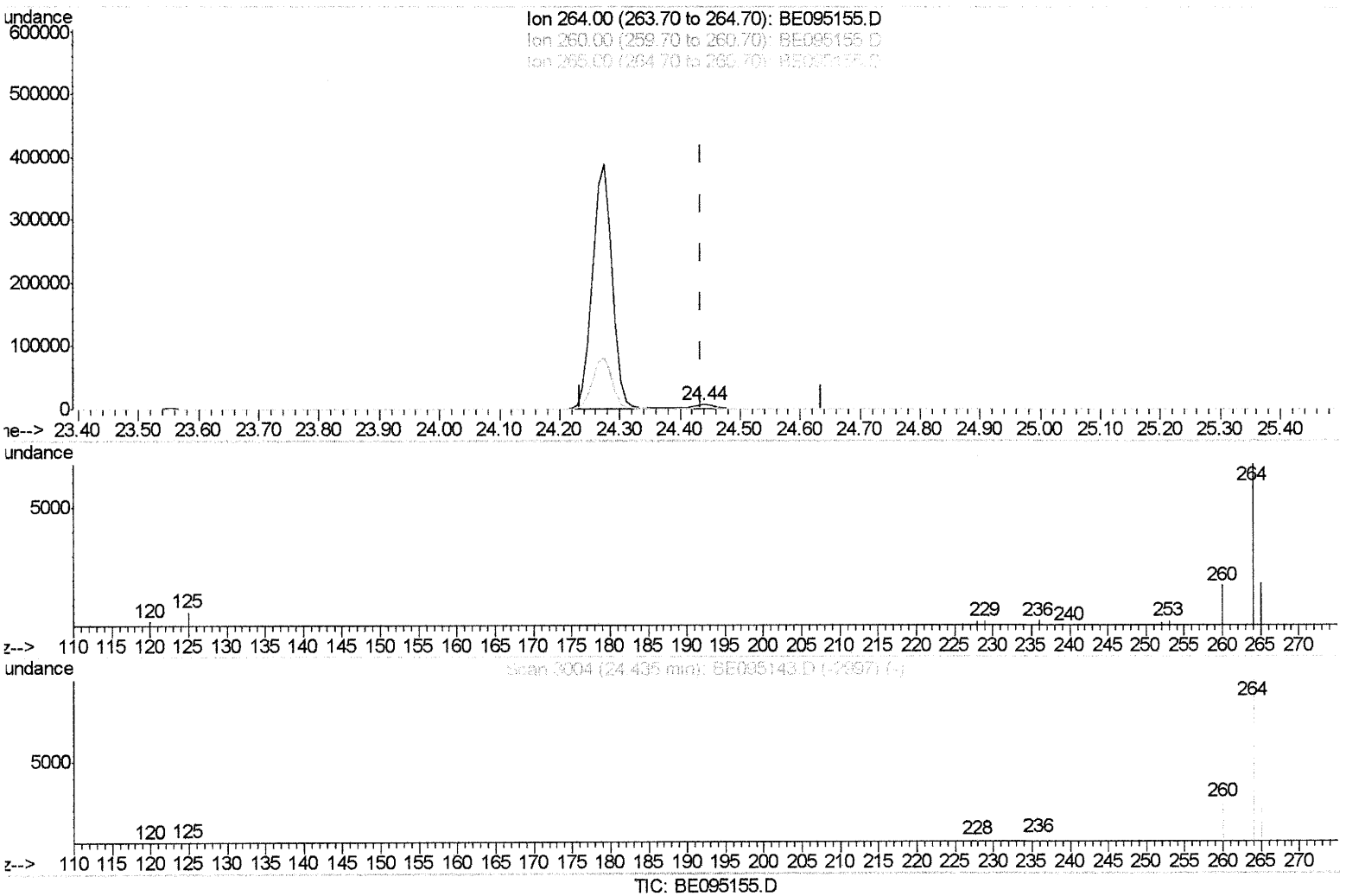
Instrument :
BNA_E
ClientSampled :
F6A58

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:31 PM

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095155.D
Acq On : 27 Jan 2018 7:27
Operator : SJ/JU
Sample : J1174-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 27 23:39:41 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
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(20) Perylene-d12 (I)

24.436min (+0.001) 0.40ng/ul m

response 13311

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.36
265.00	103.50	28.01#
0.00	0.00	0.00

ju 1/31/18

Quantitation Report (Qedit)

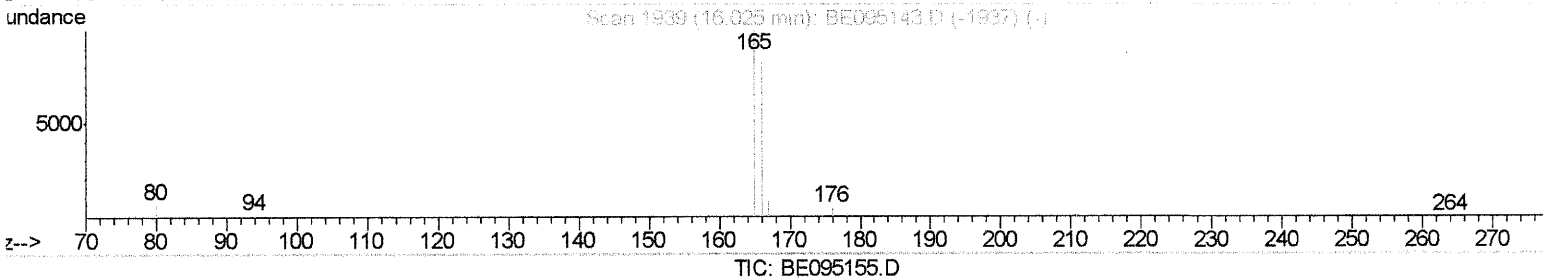
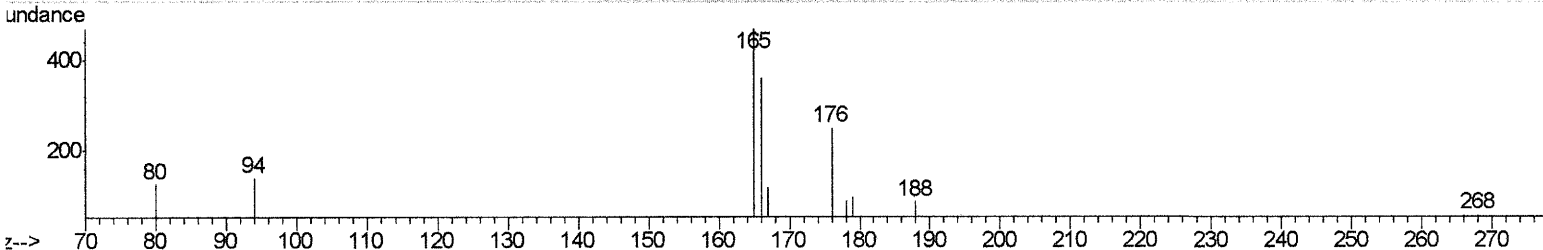
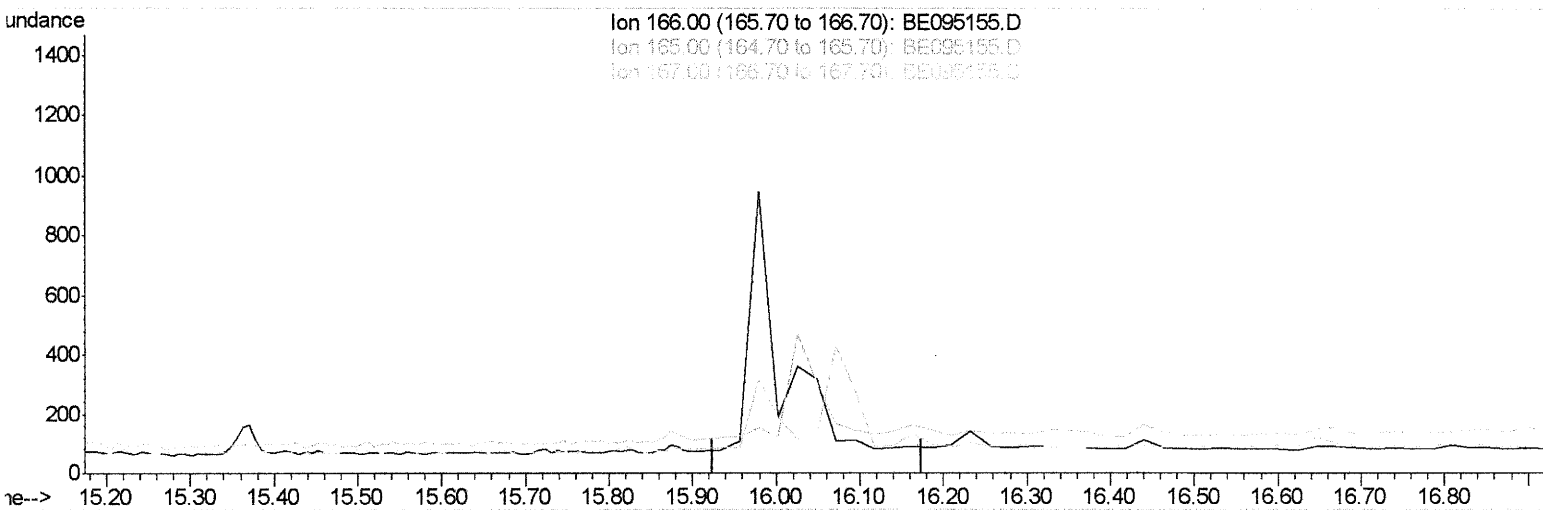
Instrument :
BNA_E
ClientSampled :
F6A58

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:31 PM

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095155.D
Acq On : 27 Jan 2018 7:27
Operator : SJ/JU
Sample : J1174-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 27 23:59:14 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 03:18:43 2018
Response via : Initial Calibration



(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

geo/3/1/r

Quantitation Report (Qedit)

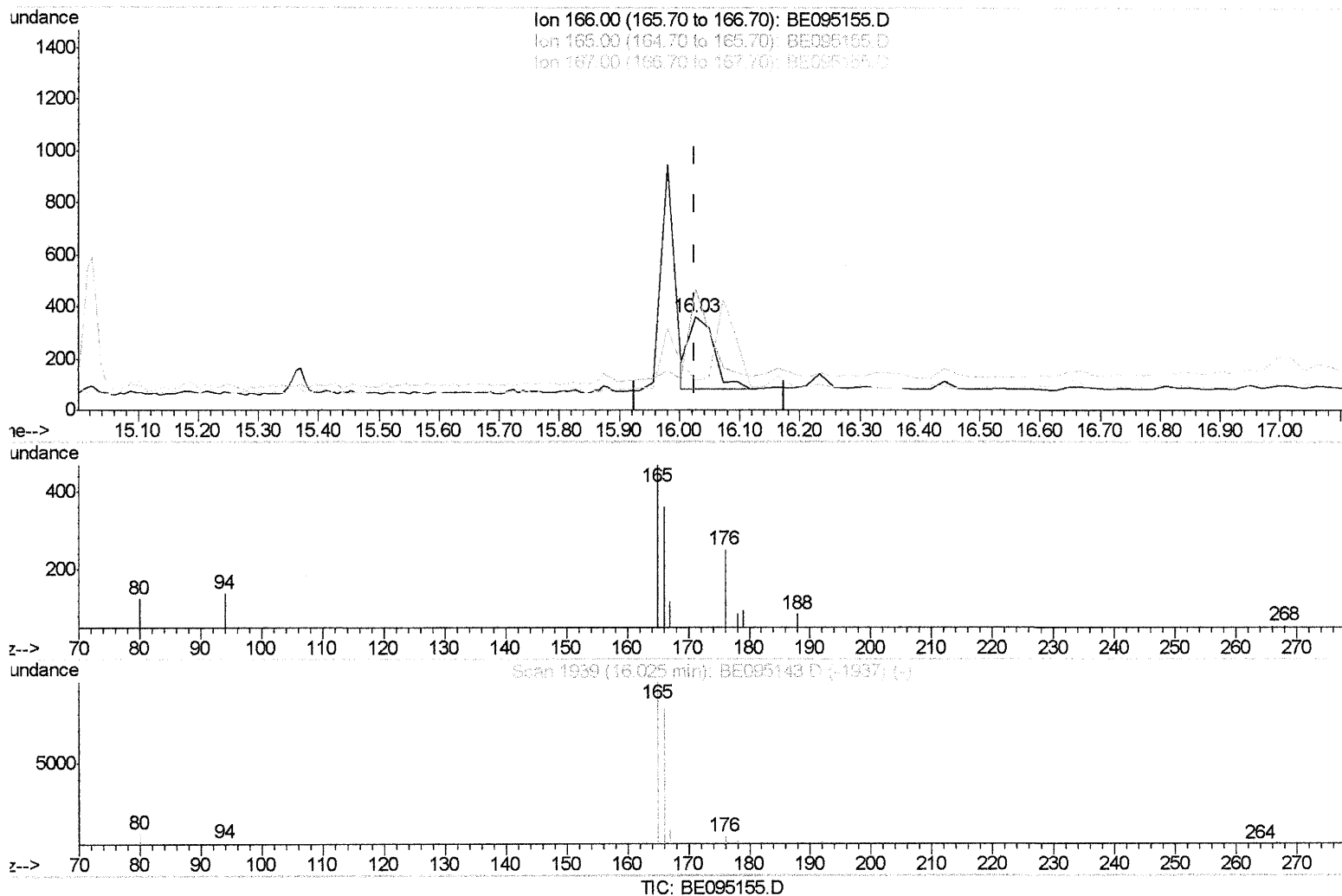
Instrument :
BNA_E
ClientSampled :
F6A58

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:31 PM

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095155.D
Acq On : 27 Jan 2018 7:27
Operator : SJ/JU
Sample : J1174-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 27 23:42:08 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 03:18:43 2018
Response via : Initial Calibration



(9) Fluorene

16.025min (+0.000) 0.03ng/ul m

response 802

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	129.92#
167.00	18.30	32.69#
0.00	0.00	0.00

61/31/14

Quantitation Report (Qedit)

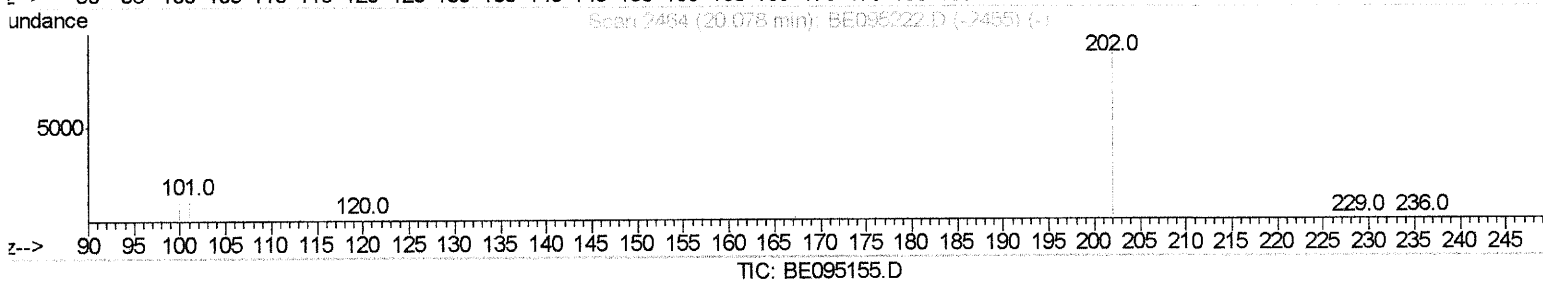
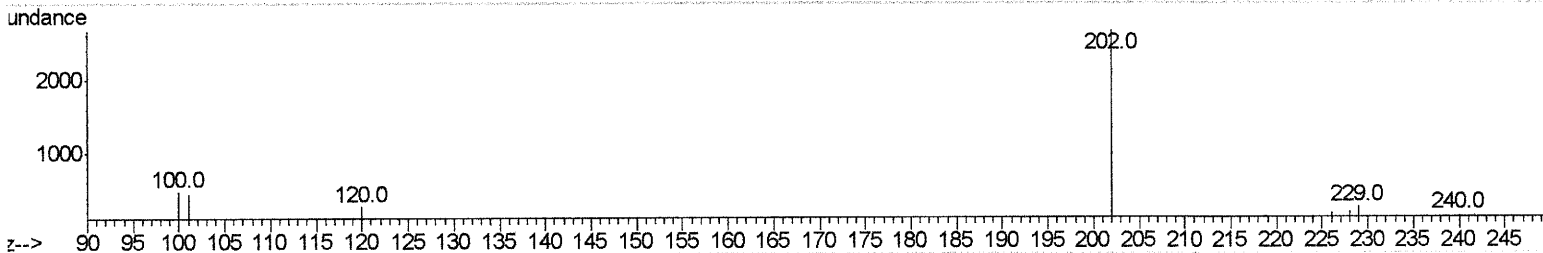
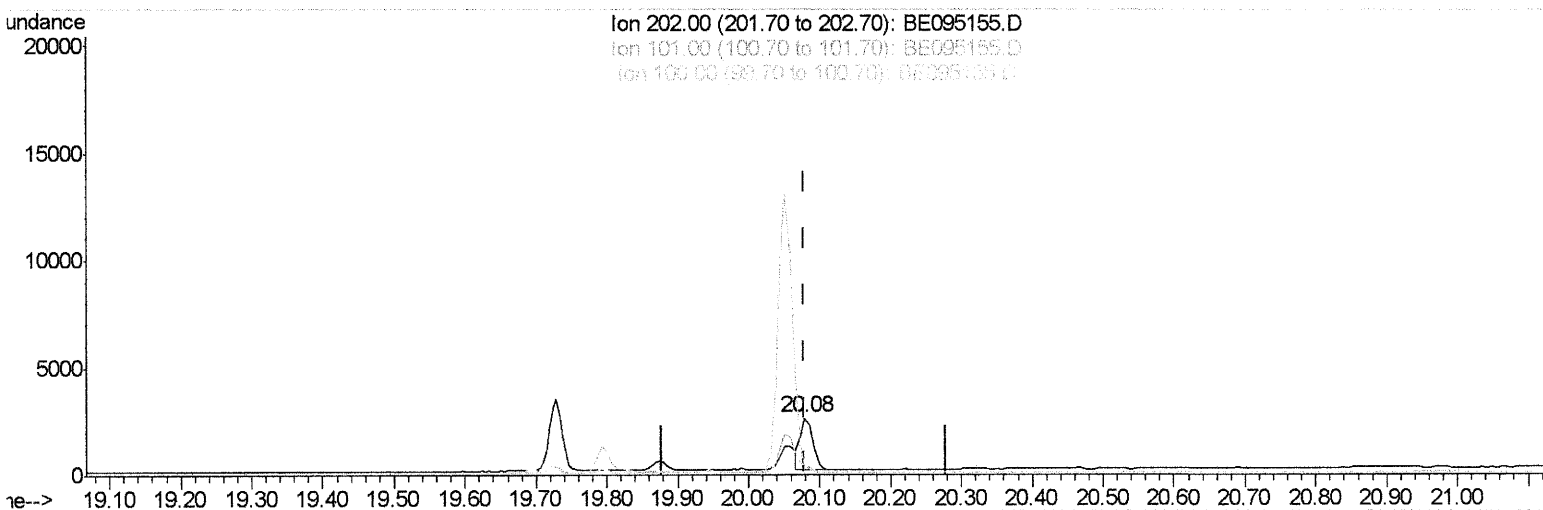
Data Path : U:\HPCHEM1\BNA E\Data\BE012618\
 Data File : BE095155.D
 Acq On : 27 Jan 2018 7:27
 Operator : SJ/JU
 Sample : J1174-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A58

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:31 PM

Quant Time: Jan 27 23:58:31 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



(17) Pyrene

20.078min (-0.000) 0.06ng/ul m

response 2993

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	17.12#
100.00	19.50	18.13
0.00	0.00	0.00

Handwritten signature: JU 1/31/18

Quantitation Report (Qedit)

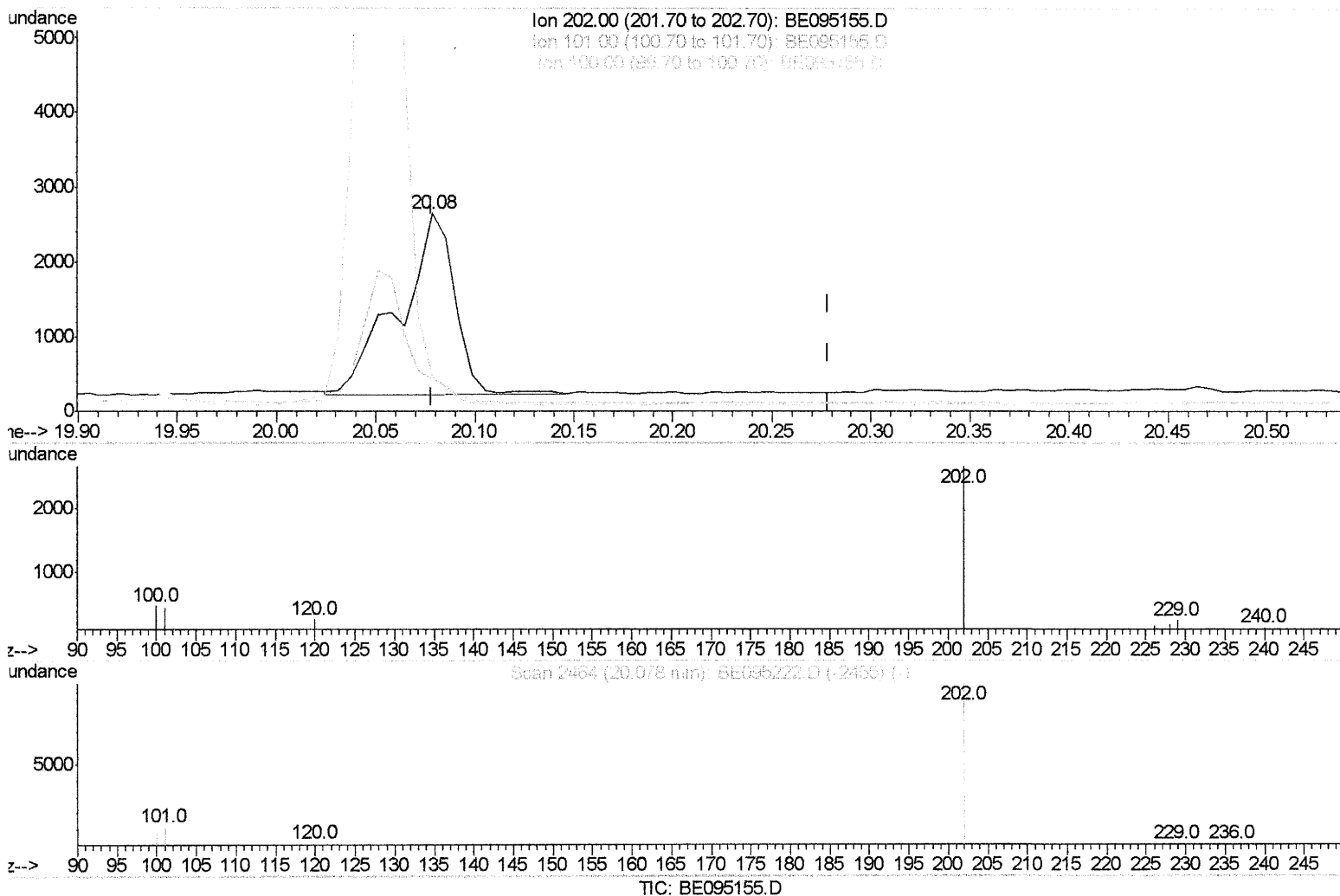
Data Path : U:\HPCHEM1\BNA E\Data\BE012618\
 Data File : BE095155.D
 Acq On : 27 Jan 2018 7:27
 Operator : SJ/JU
 Sample : J1174-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 F6A58

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:31 PM

Quant Time: Jan 27 23:58:31 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



(17) Pyrene

20.078min (-0.000) 0.09ng/ul

response 4664

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	17.12#
100.00	19.50	18.13
0.00	0.00	0.00

Quantitation Report (Qedit)

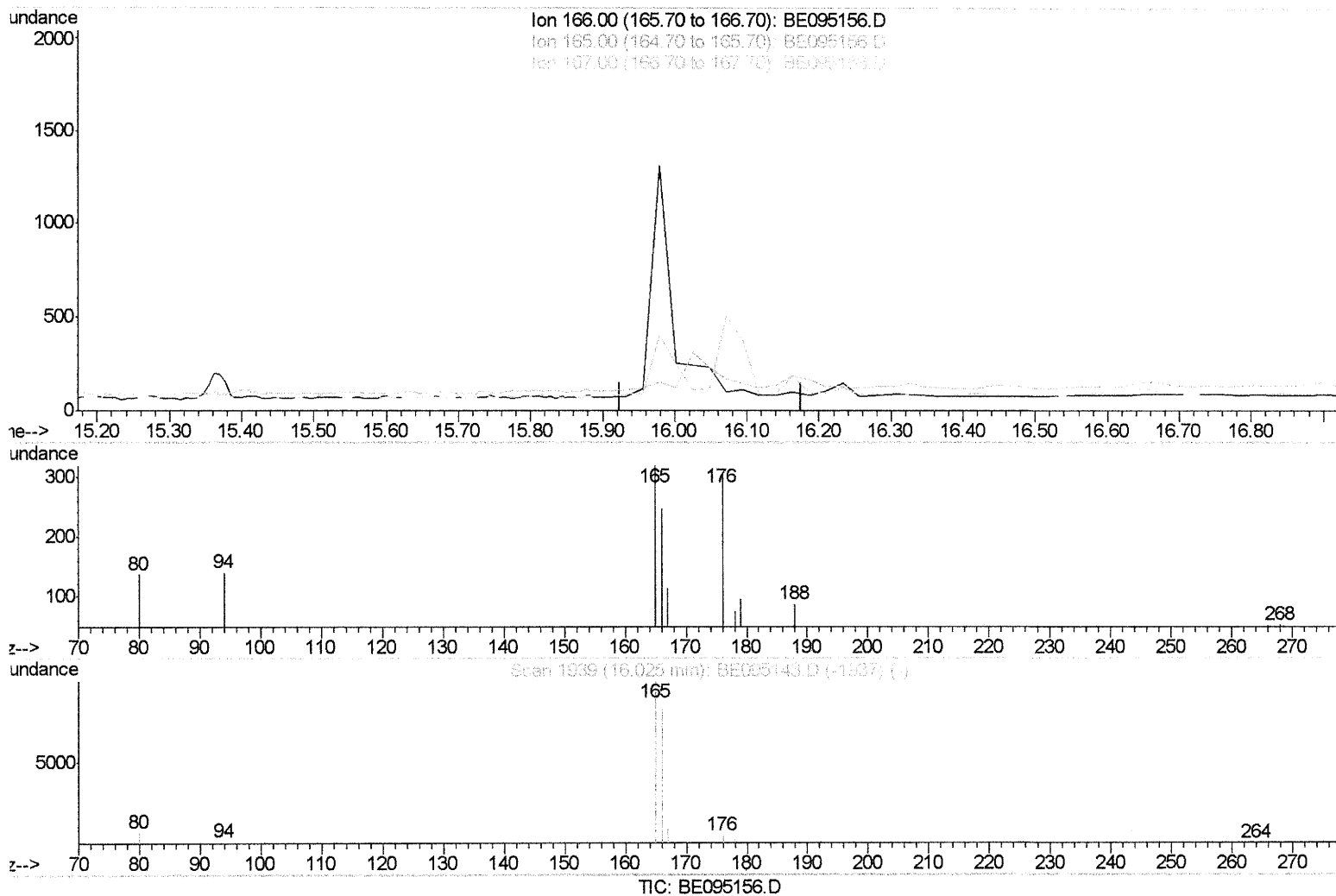
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095156.D
Acq On : 27 Jan 2018 8:03
Operator : SJ/JU
Sample : J1174-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6A58

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:31 PM

Quant Time: Jan 27 22:36:28 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
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(9) Fluorene

16.025min (~16.025) 0.00ng/ui

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)

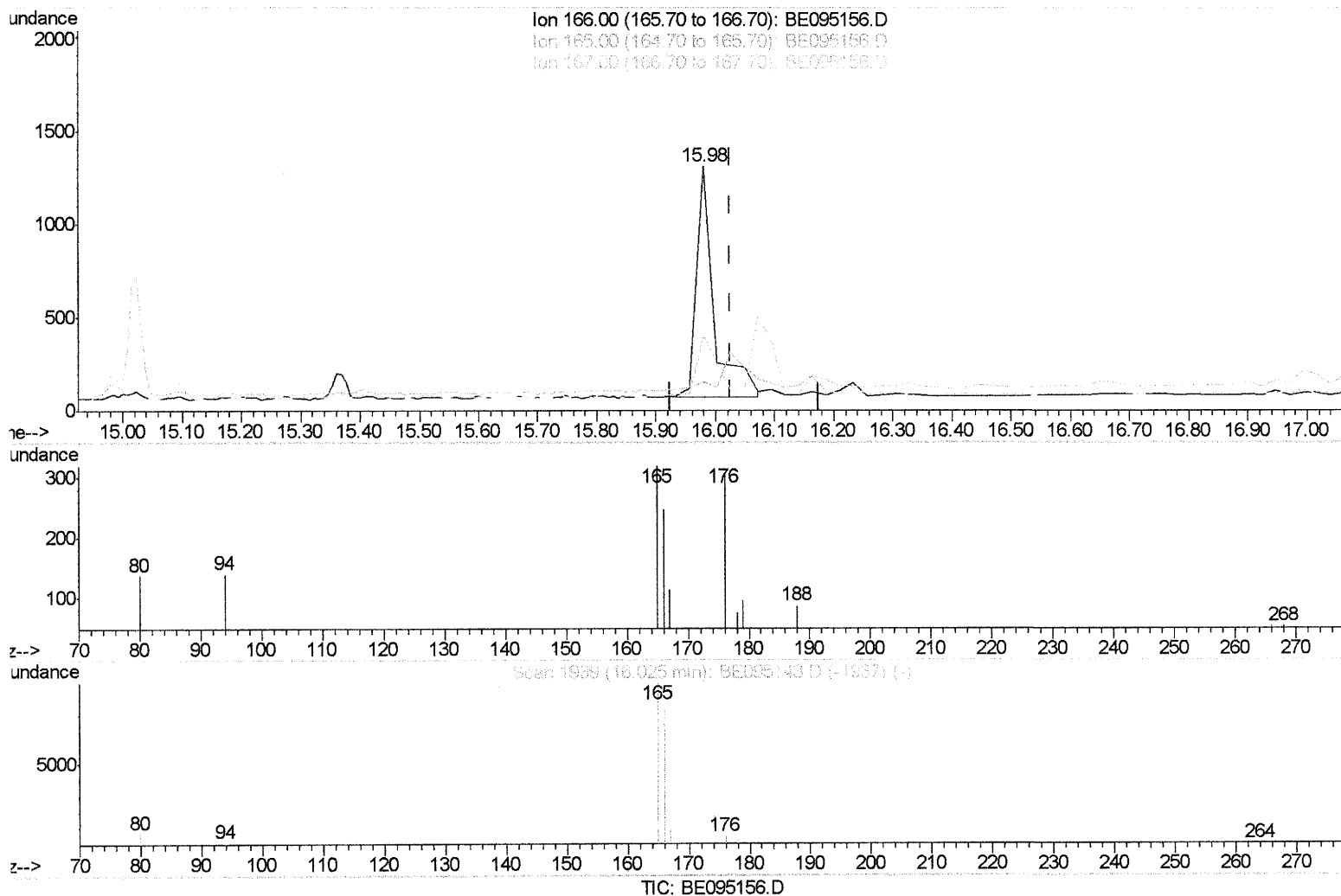
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095156.D
 Acq On : 27 Jan 2018 8:03
 Operator : SJ/JU
 Sample : J1174-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 F6A58

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:31 PM

Quant Time: Jan 27 22:36:28 2018
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(9) Fluorene

15.979min (-0.046) 0.09ng/ul m

response 2544

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	11.81#
167.00	18.30	31.02#
0.00	0.00	0.00

Jan 31/18

Quantitation Report (Qedit)

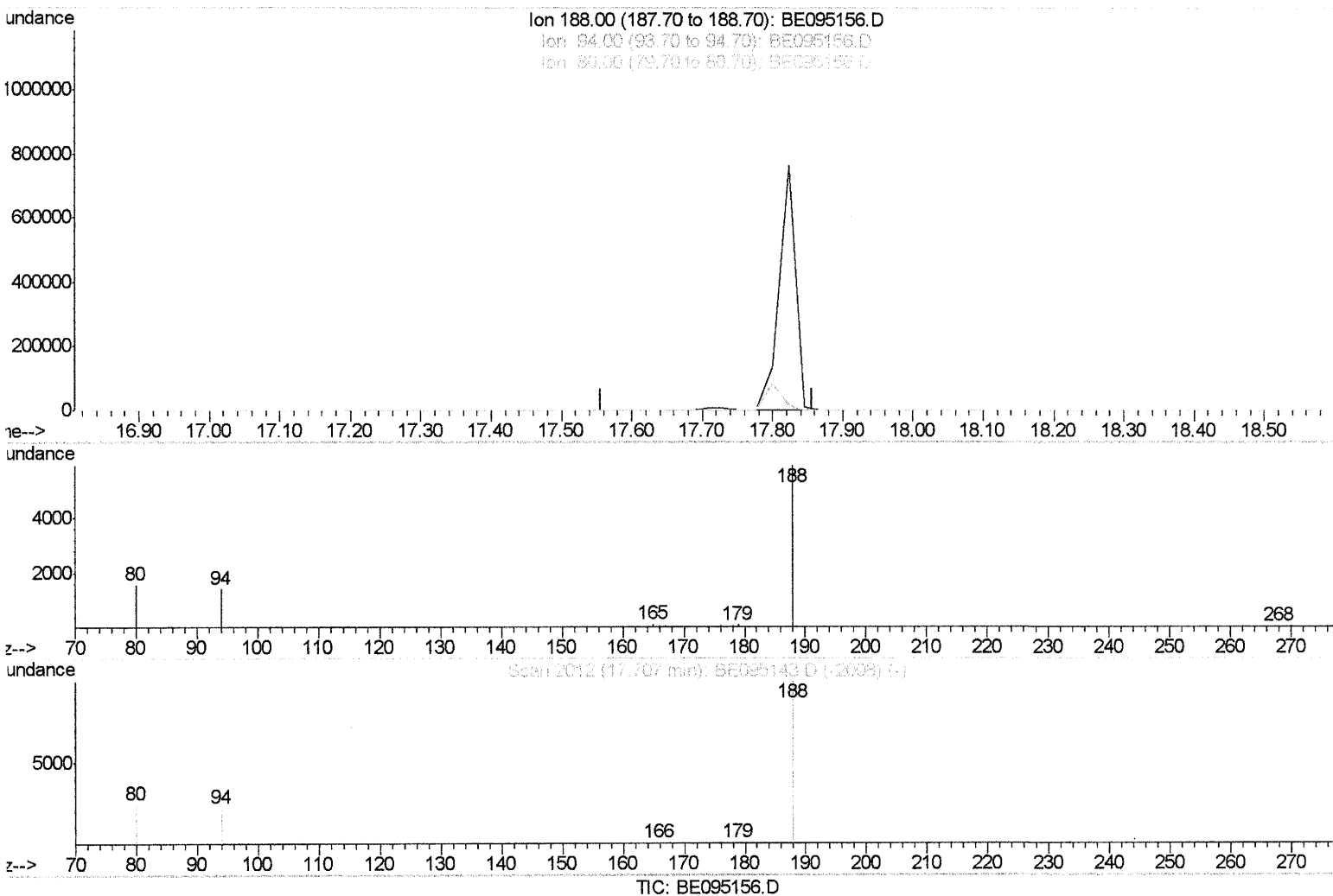
Instrument :
BNA_E
ClientSampleId :
F6A58

Manual Integrations
APPROVED

Sohil
1/29/2018 6:34:31 PM

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095156.D
Acq On : 27 Jan 2018 8:03
Operator : SJ/JU
Sample : J1174-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jan 27 22:36:28 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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(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)

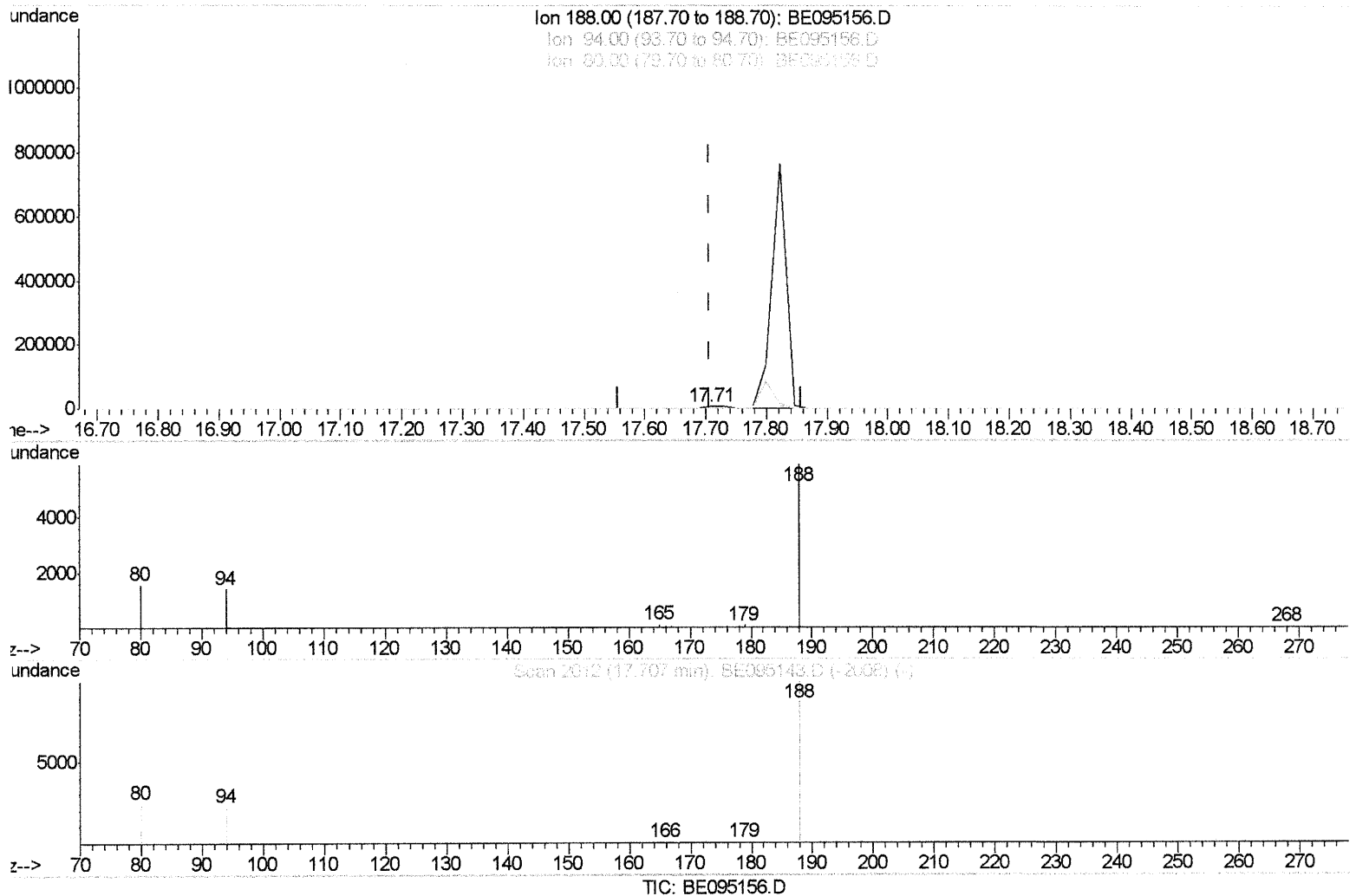
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095156.D
 Acq On : 27 Jan 2018 8:03
 Operator : SJ/JU
 Sample : J1174-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A58

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:31 PM

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 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
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(10) Phenanthrene-d10 (I)

17.707min (+0.000) 0.40ng/ul m

response 15931

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	24.40#
80.00	11.80	26.72#
0.00	0.00	0.00

Handwritten signature/initials

Quantitation Report (Qedit)

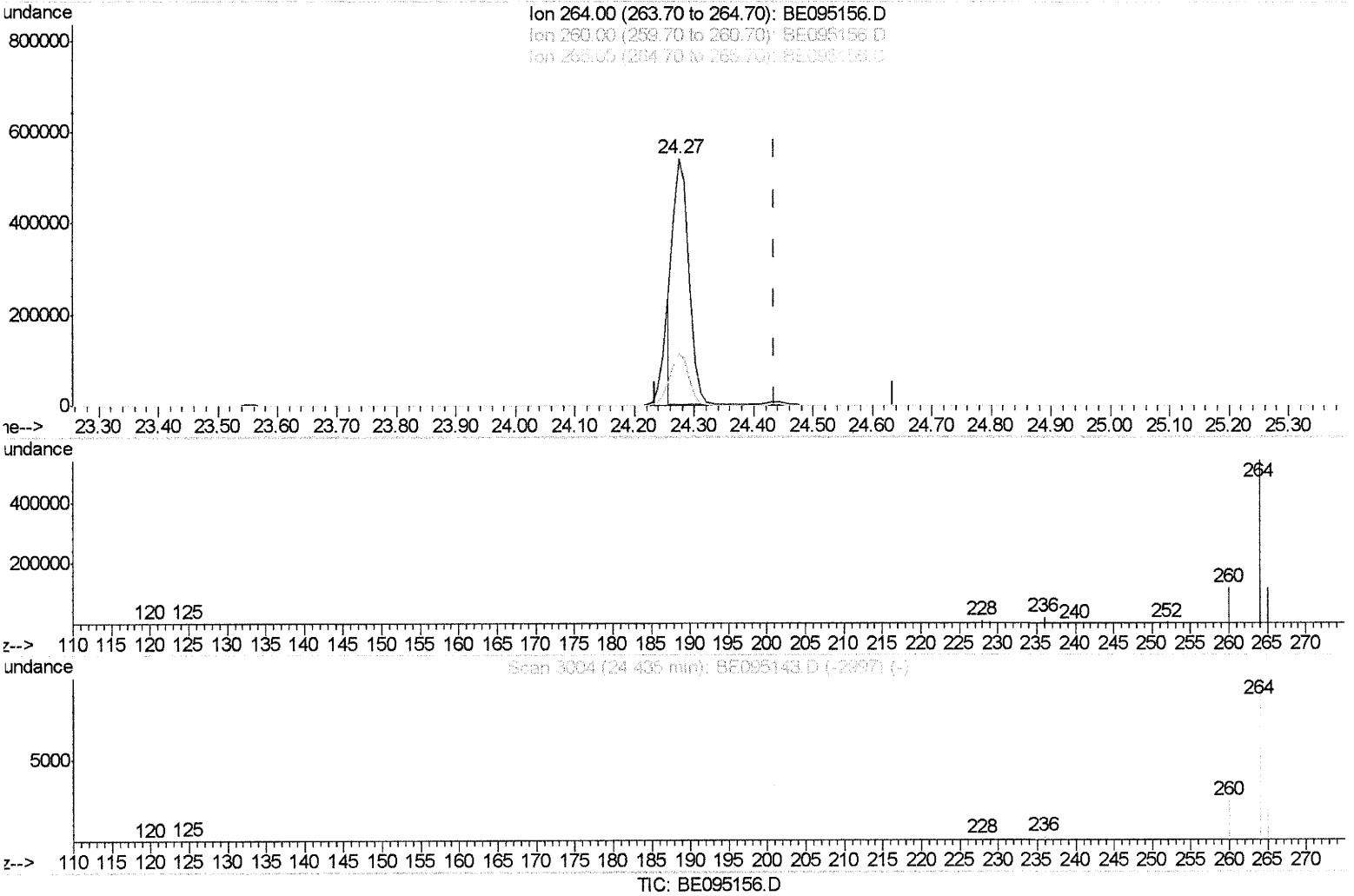
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095156.D
 Acq On : 27 Jan 2018 8:03
 Operator : SJ/JU
 Sample : J1174-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A58

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:31 PM

Quant Time: Jan 28 00:04:17 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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(20) Perylene-d12 (I)

24.274min (-0.161) 0.40ng/ul

response 997252

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.47#
265.00	103.50	21.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

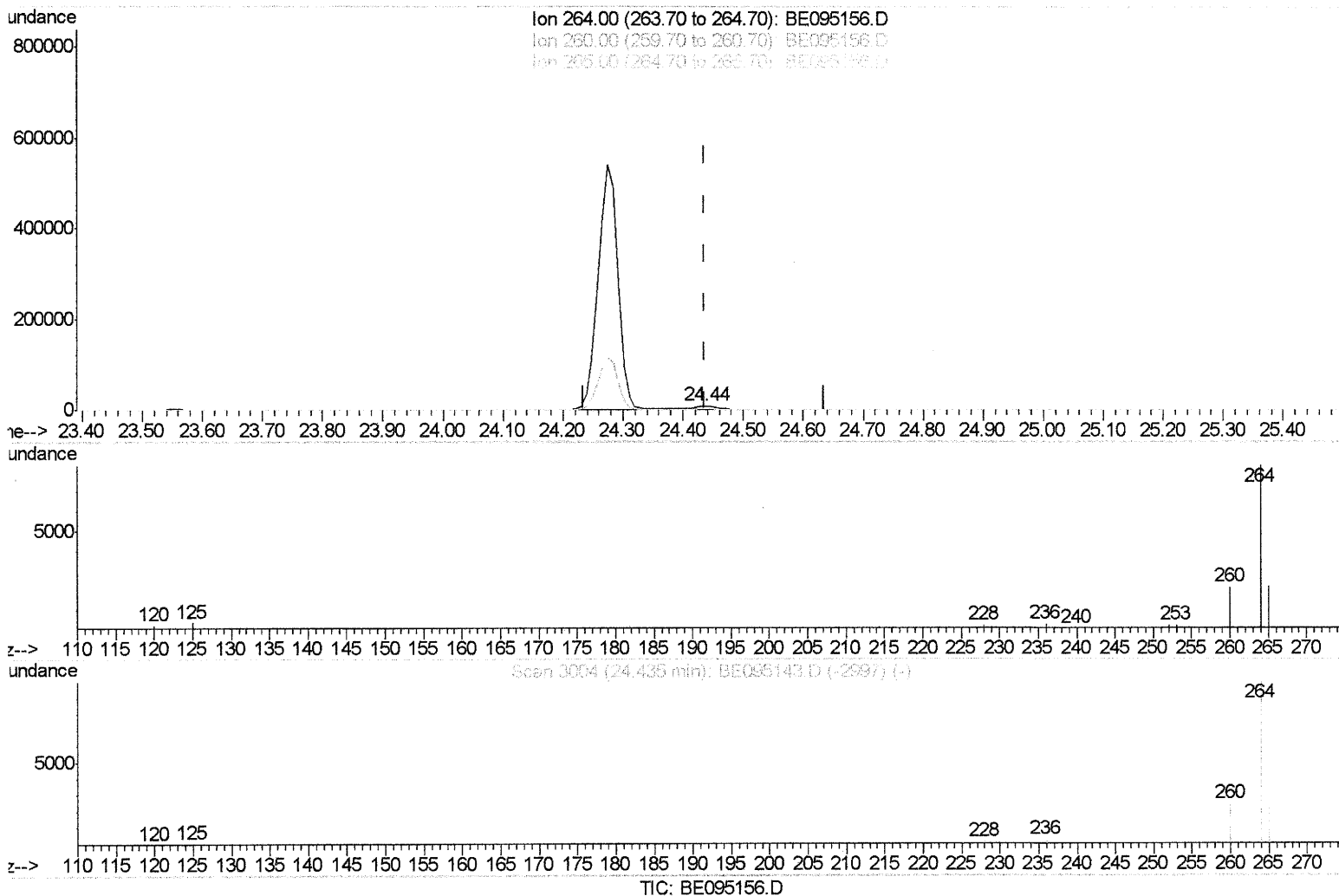
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
Data File : BE095156.D
Acq On : 27 Jan 2018 8:03
Operator : SJ/JU
Sample : J1174-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
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Manual Integrations
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(20) Perylene-d12 (I)

24.437min (+0.001) 0.40ng/ul m

response 16338

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.73
265.00	103.50	26.07#
0.00	0.00	0.00

201/31/18

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Instrument :
BNA_E
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	3579	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11592	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7502	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	15931m	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	17991	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	16338m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.82	152	6013	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	17940	0.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Acenaphthene	15.08	153	1293	0.046	ng/ul	92
9) Fluorene	15.98	166	2544m	0.088	ng/ul	82
12) Phenanthrene	17.75	178	1417	0.026	ng/ul#	82

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