Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:49:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati

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umangi
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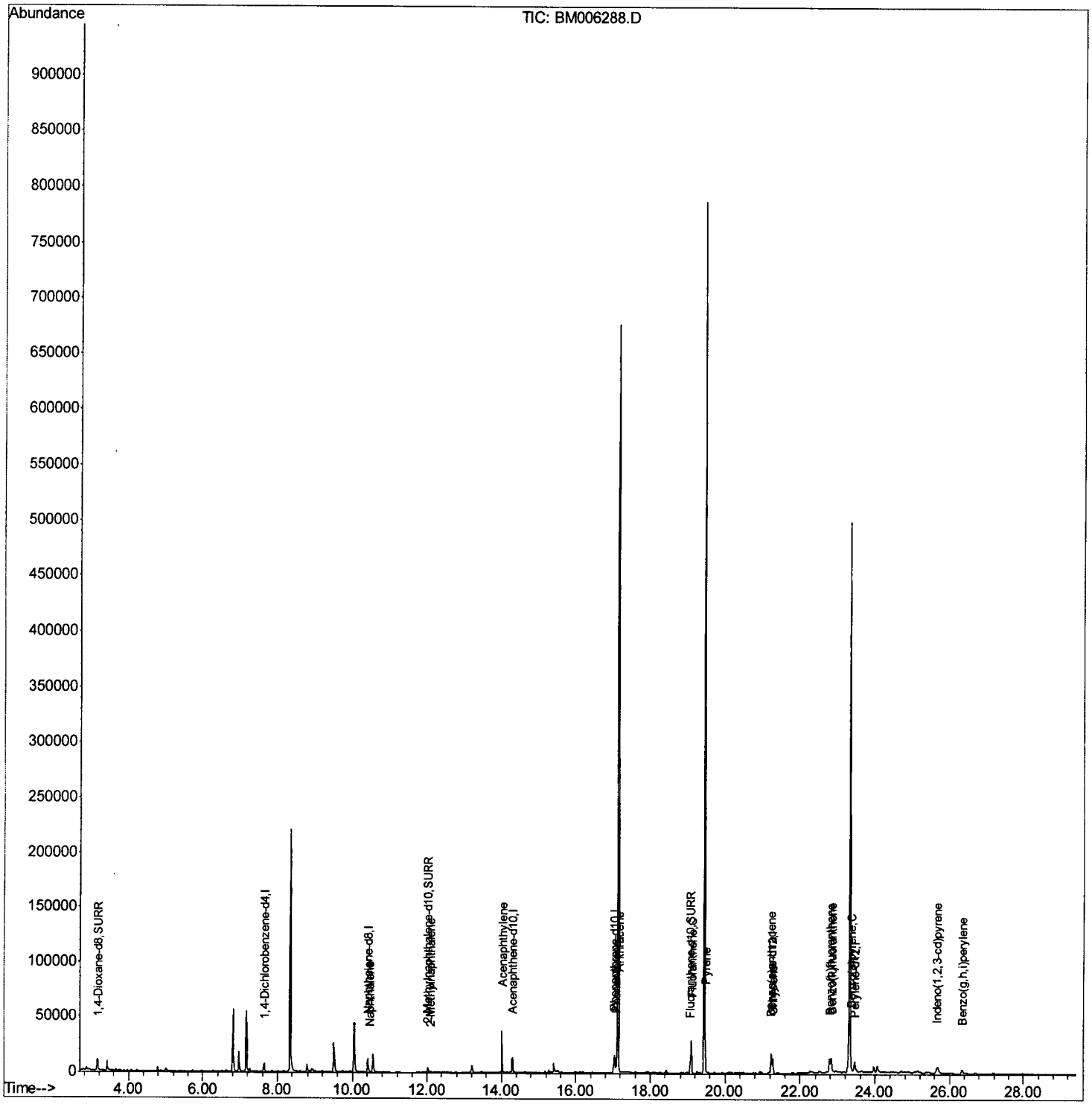

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:45:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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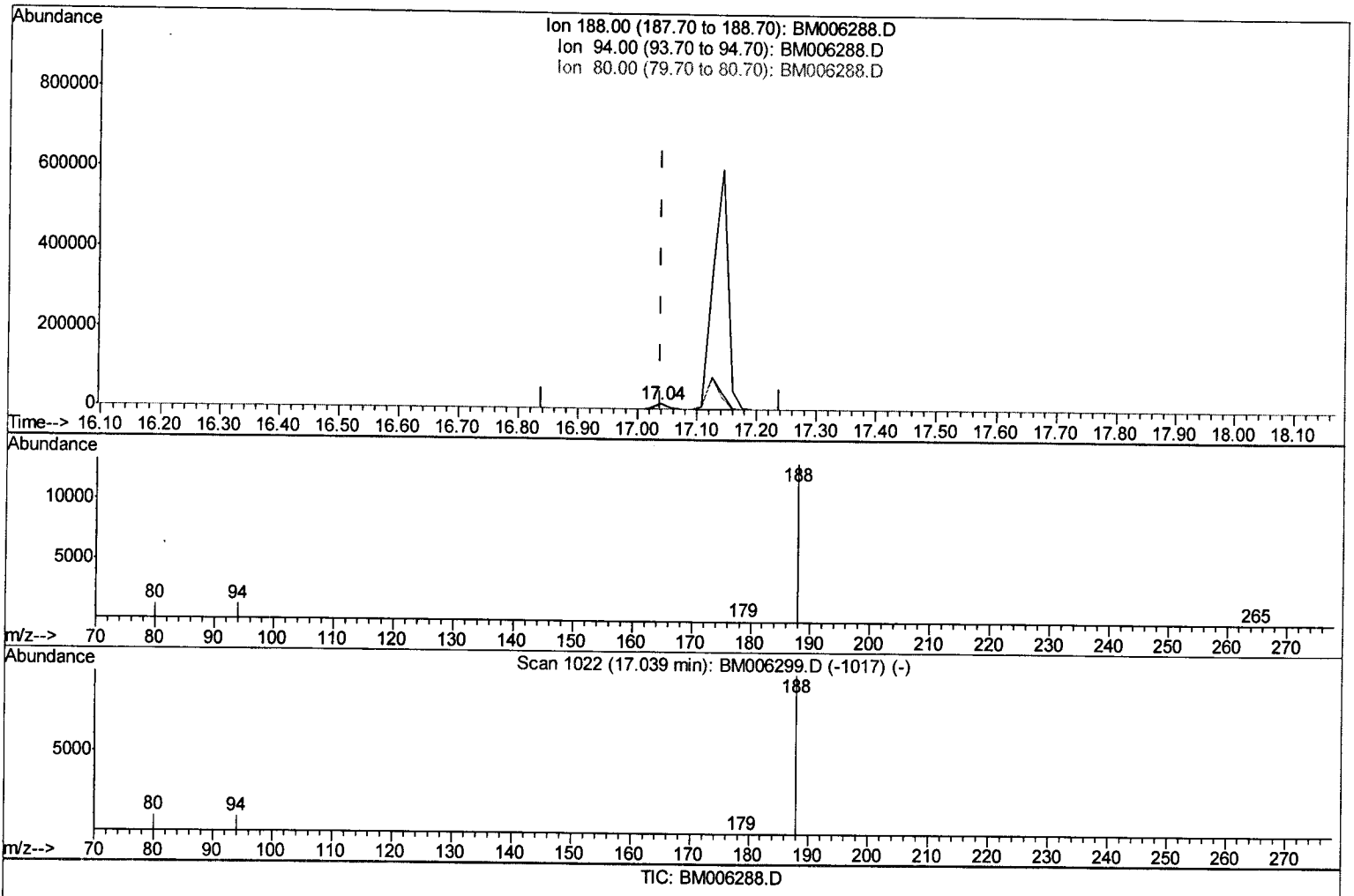

(12) Phenanthrene-d10 (I)

17.039min (+0.000) 0.40ng/ul m U.M 07/11/16

response 19292

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.88
80.00	11.90	9.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:45:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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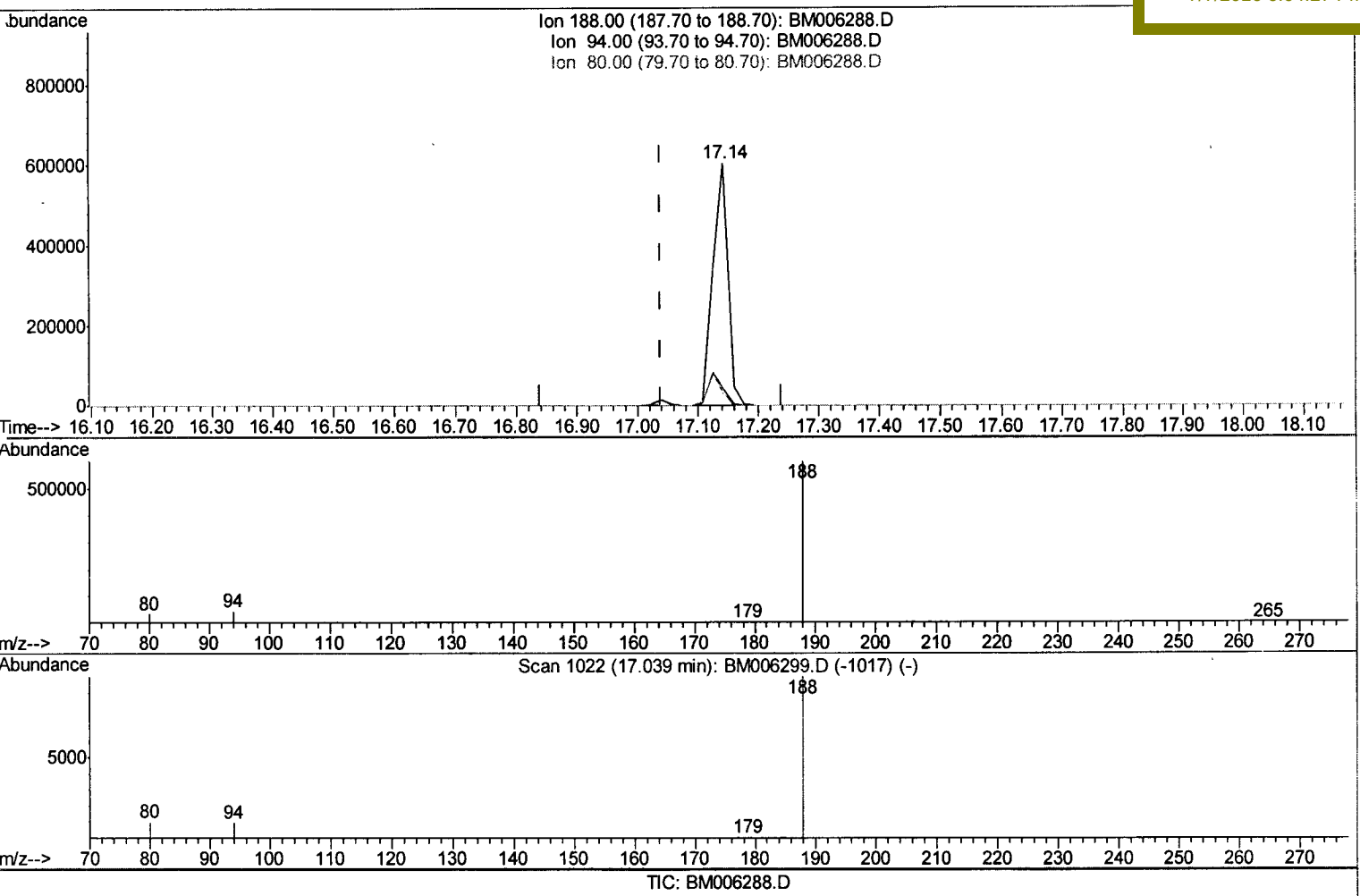

TIC: BM006288.D

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 1034693

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.04#
80.00	11.90	5.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:46:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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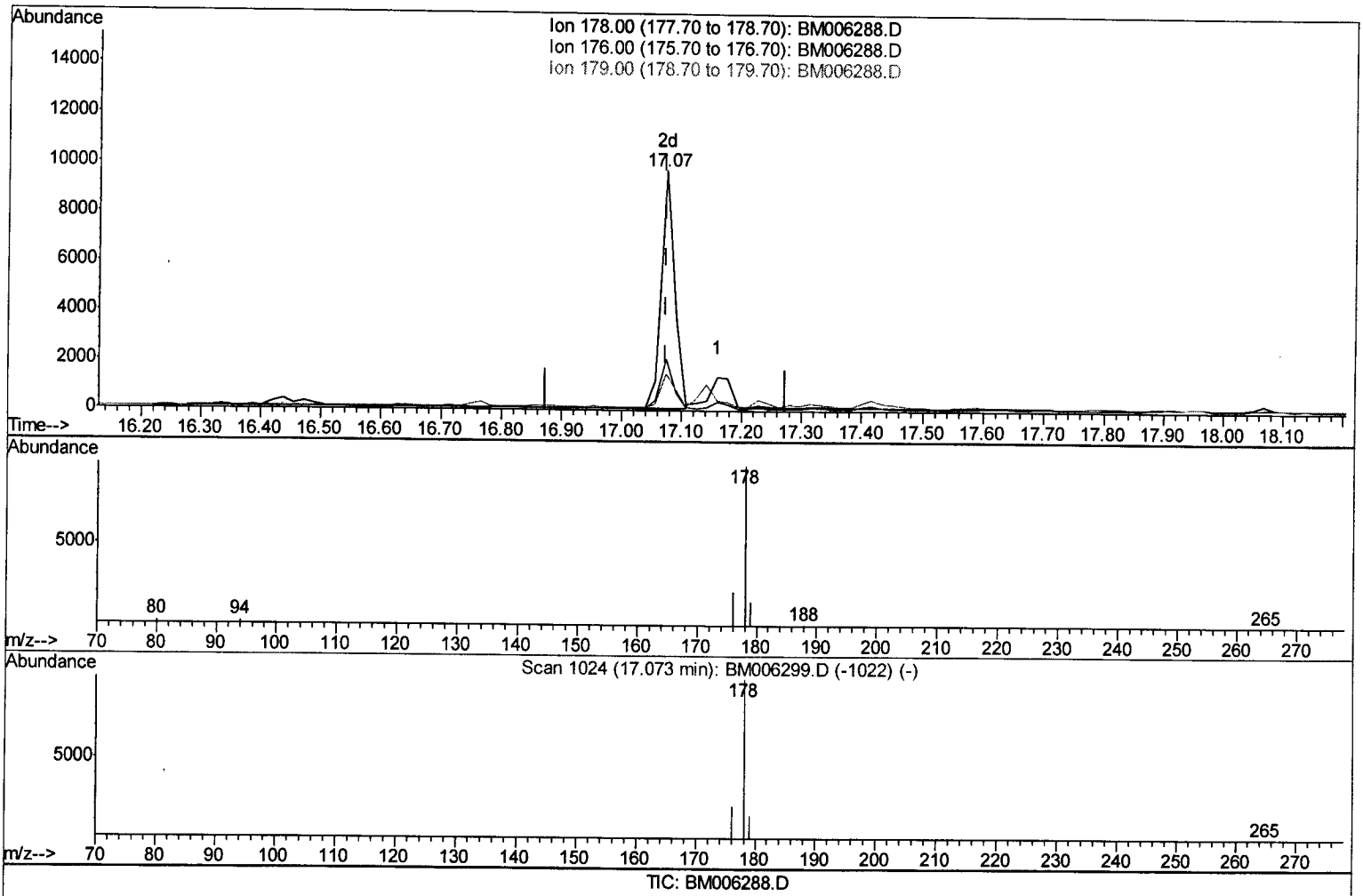

TIC: BM006288.D

(14) Phenanthrene

17.073min (+0.000) 0.28ng/ul m U.M 07/11/16

response 15040

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.37#
179.00	17.70	15.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:46:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati
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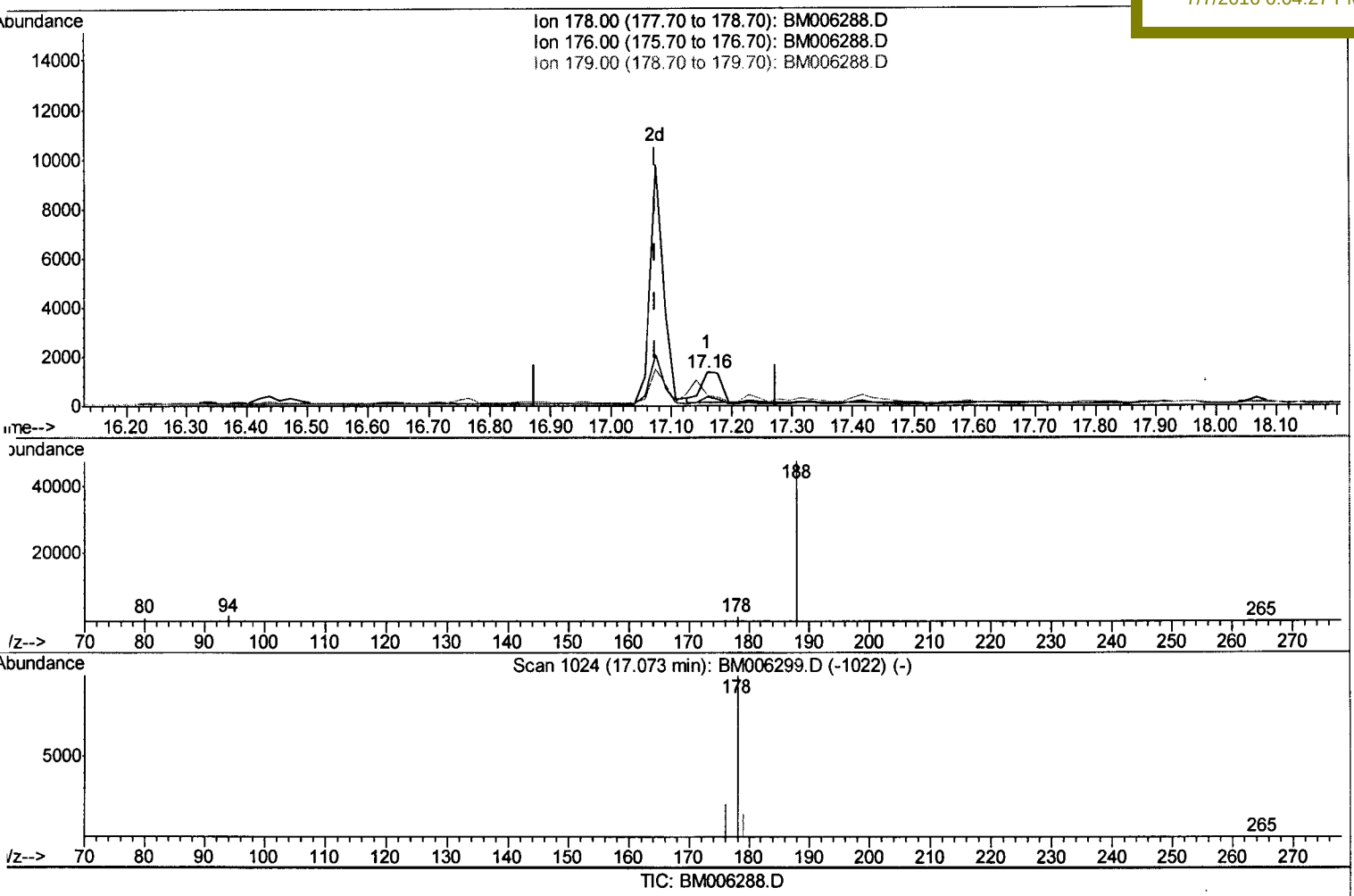

TIC: BM006288.D

(14) Phenanthrene

17.159min (+0.086) 0.05ng/ul

response 2817

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	27.09#
179.00	17.70	30.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:46:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati
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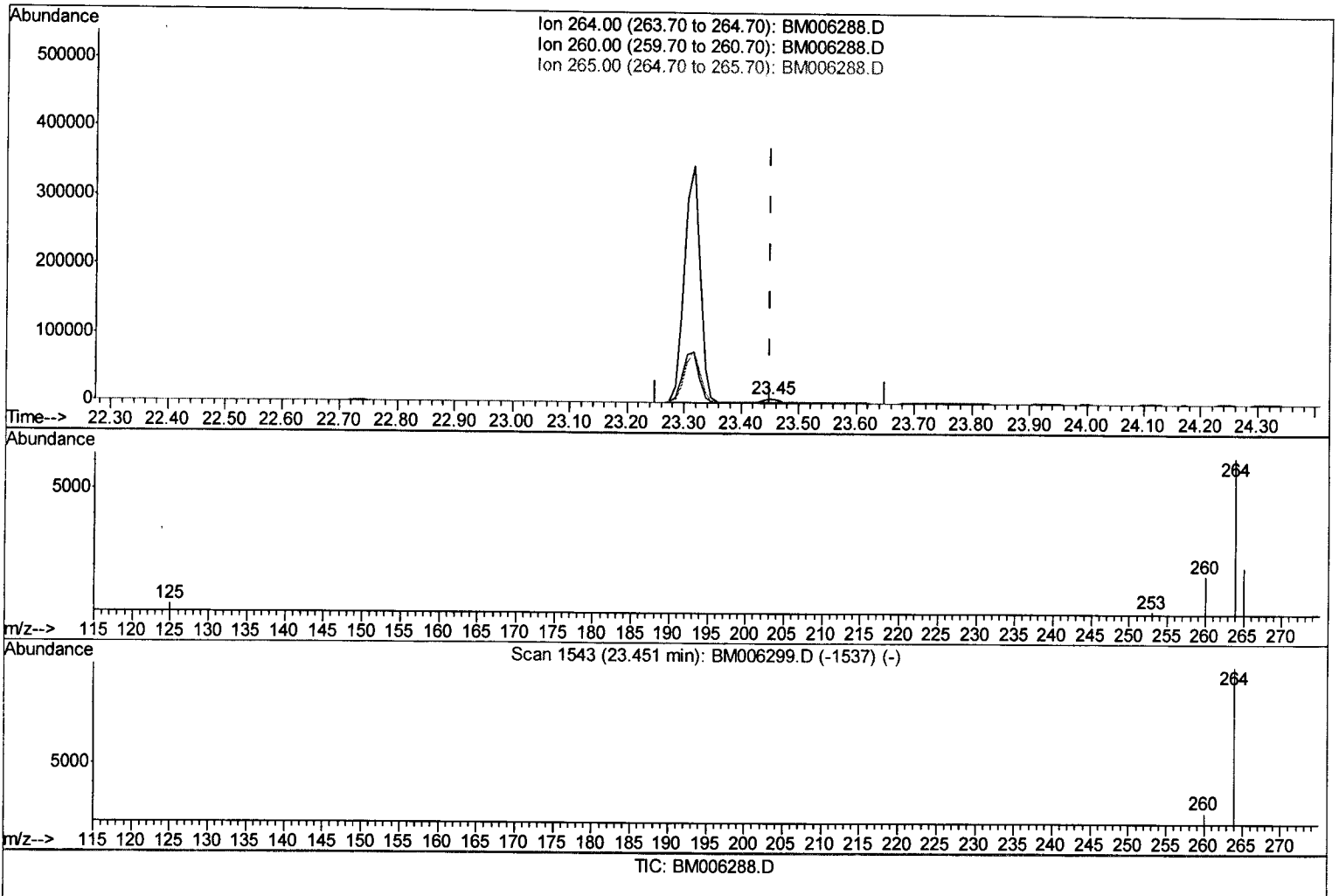

TIC: BM006288.D

(22) Perylene-d12 (I)

23.451min (+0.000) 0.40ng/ul m U.M 07/11/16

response 10764

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	27.38
265.00	38.20	33.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:46:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati
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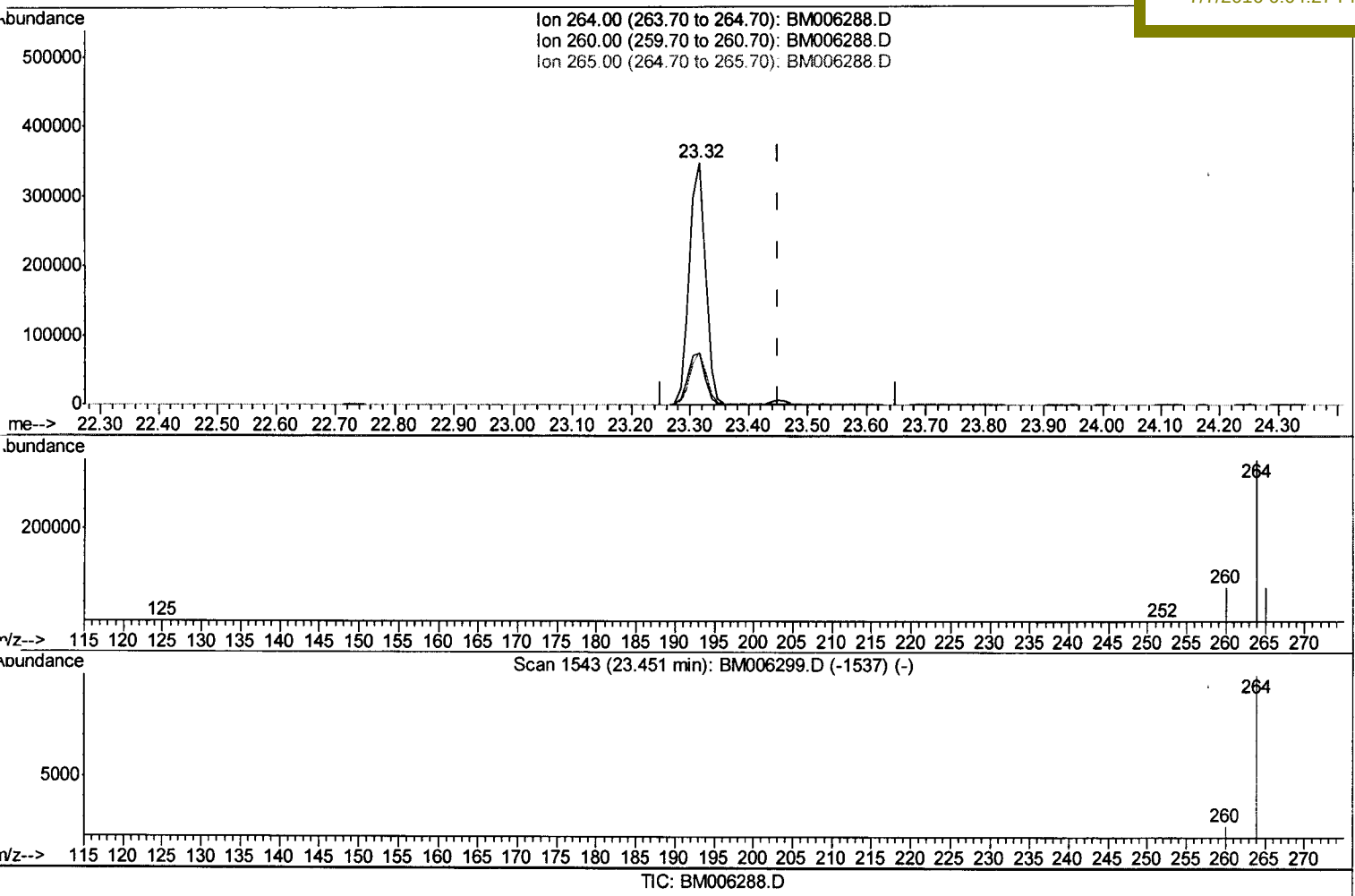

TIC: BM006288.D

(22) Perylene-d12 (I)

23.316min (-0.135) 0.40ng/ul

response 655448

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.57
265.00	38.20	21.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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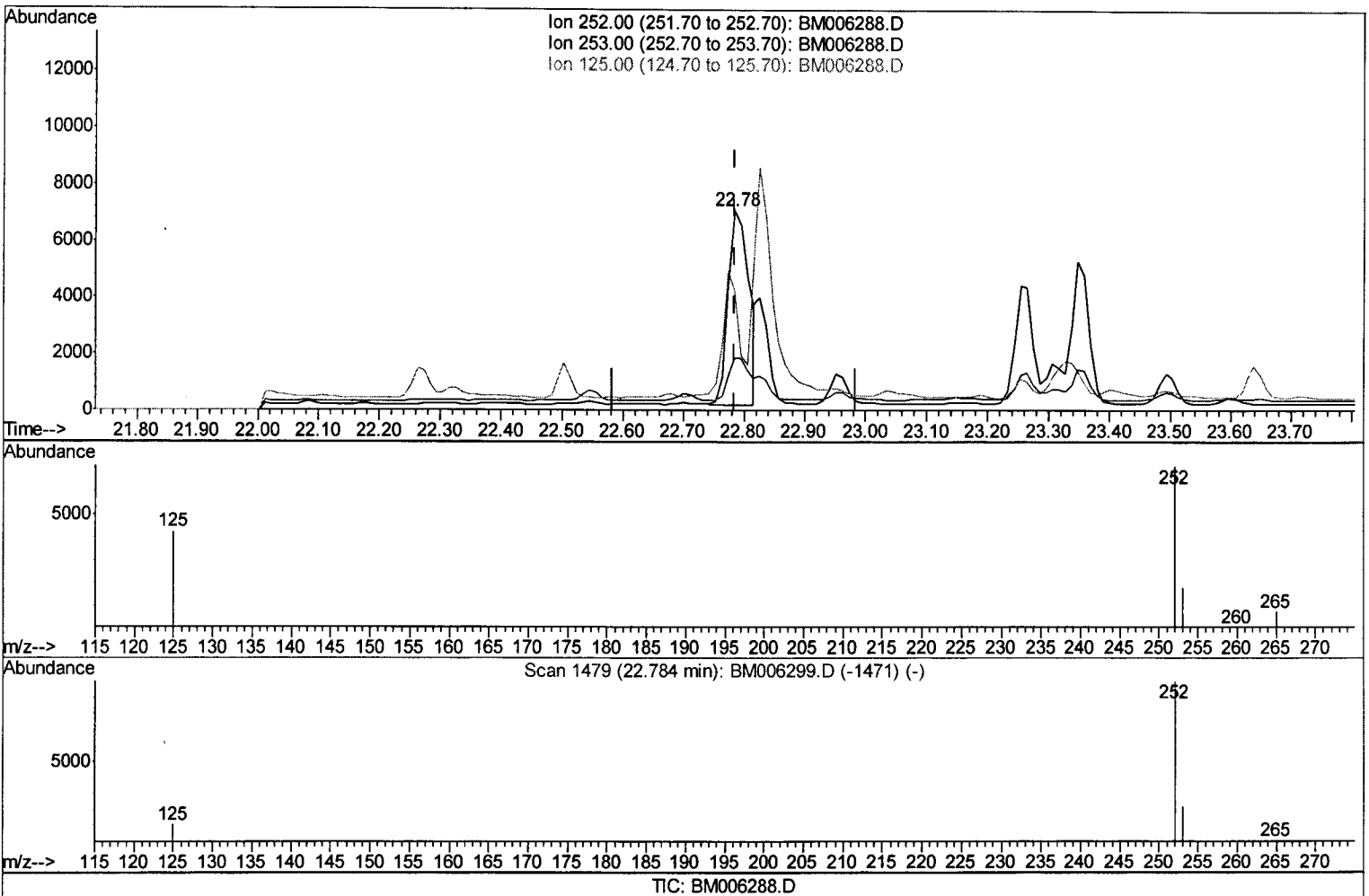

TIC: BM006288.D

(23) Benzo(b)fluoranthene

22.784min (+0.000) 0.43ng/ul m U.M 07/11/16

response 16651

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.02
125.00	14.40	59.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati
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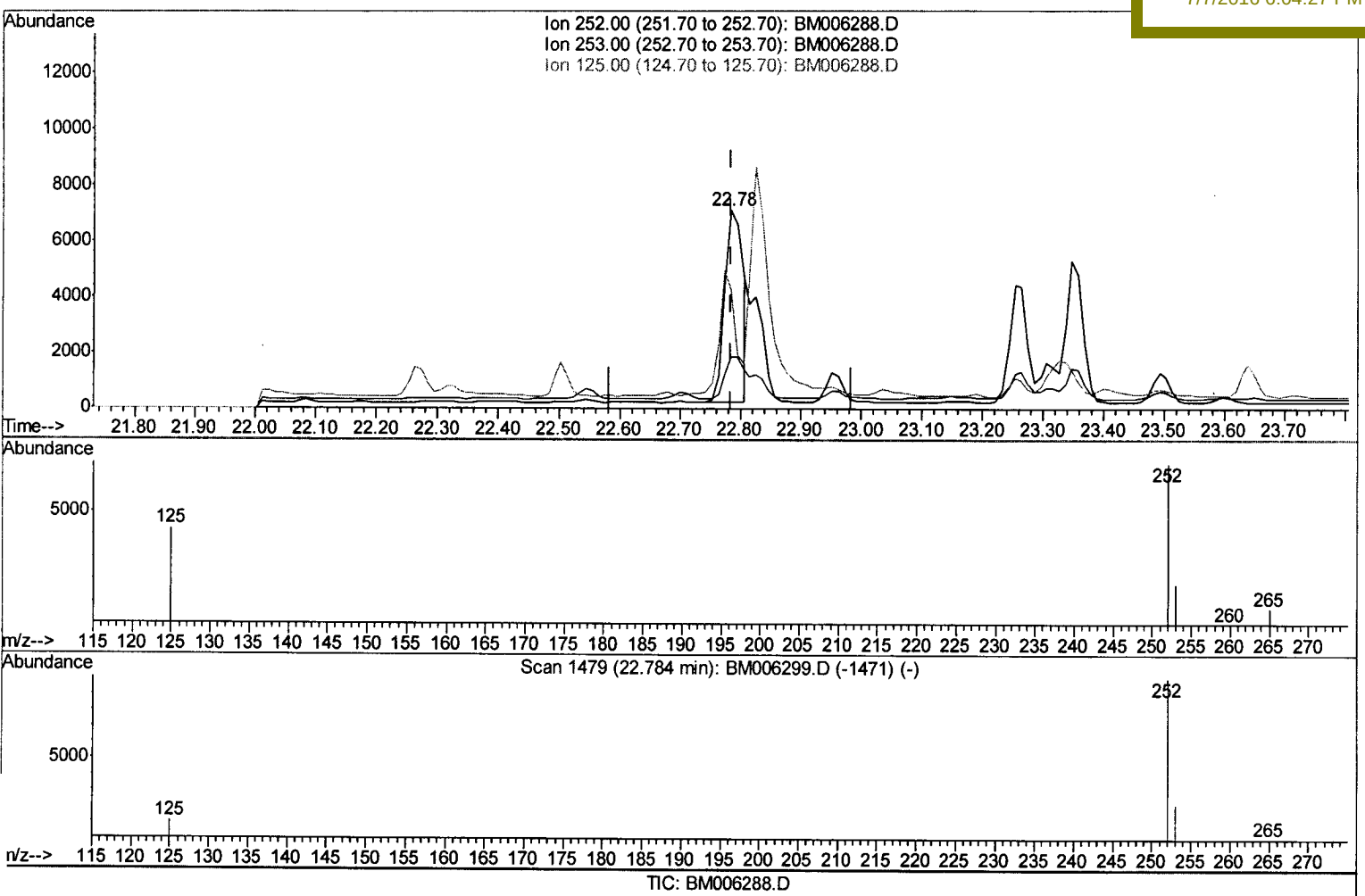

TIC: BM006288.D

(23) Benzo(b)fluoranthene

22.784min (+0.000) 0.37ng/ul

response 14319

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.02
125.00	14.40	59.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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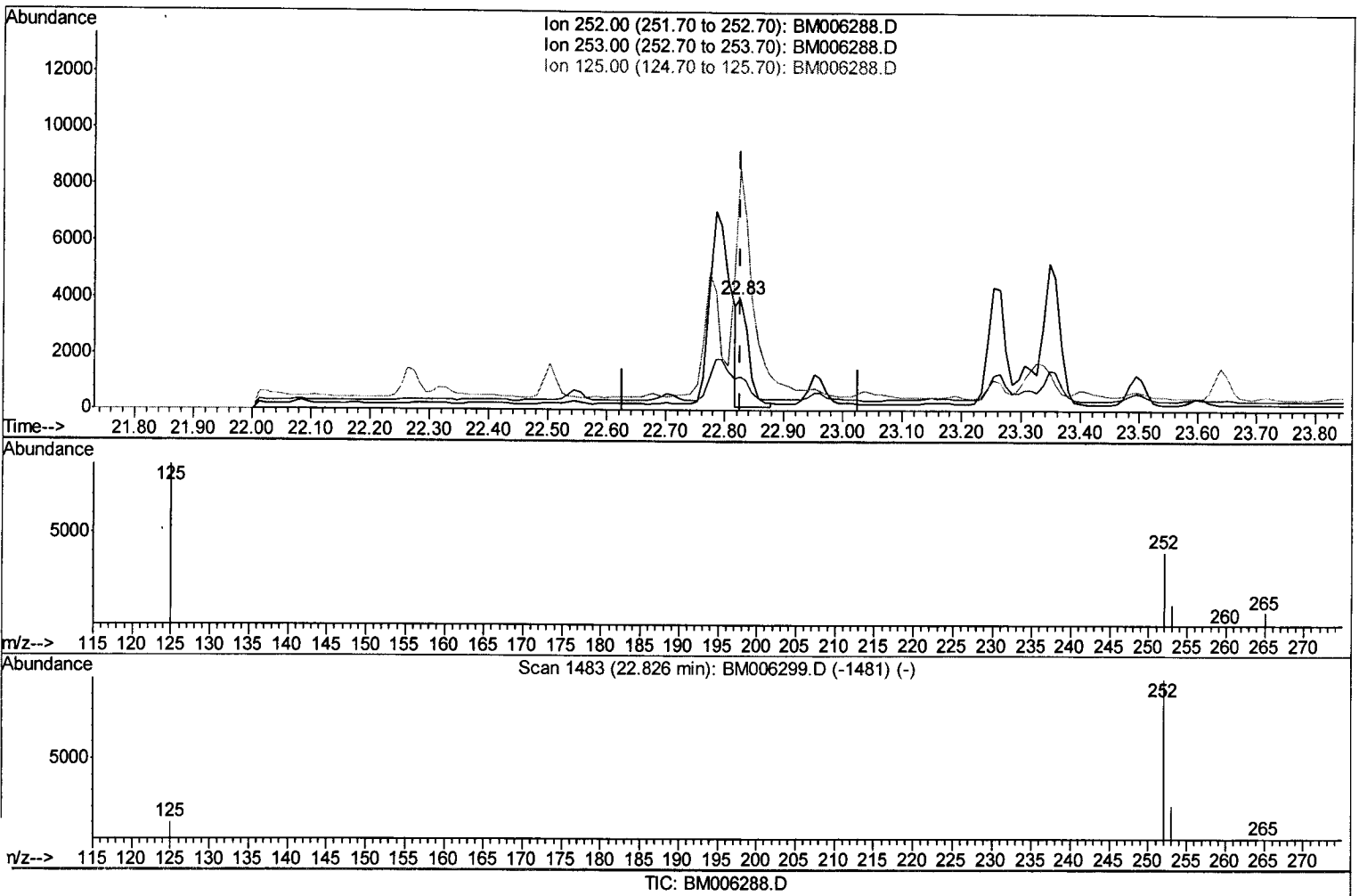

TIC: BM006288.D

(24) Benzo(k)fluoranthene

22.826min (+0.000) 0.15ng/ul m U.M

response 5201 07/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	29.91#
125.00	13.00	214.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati
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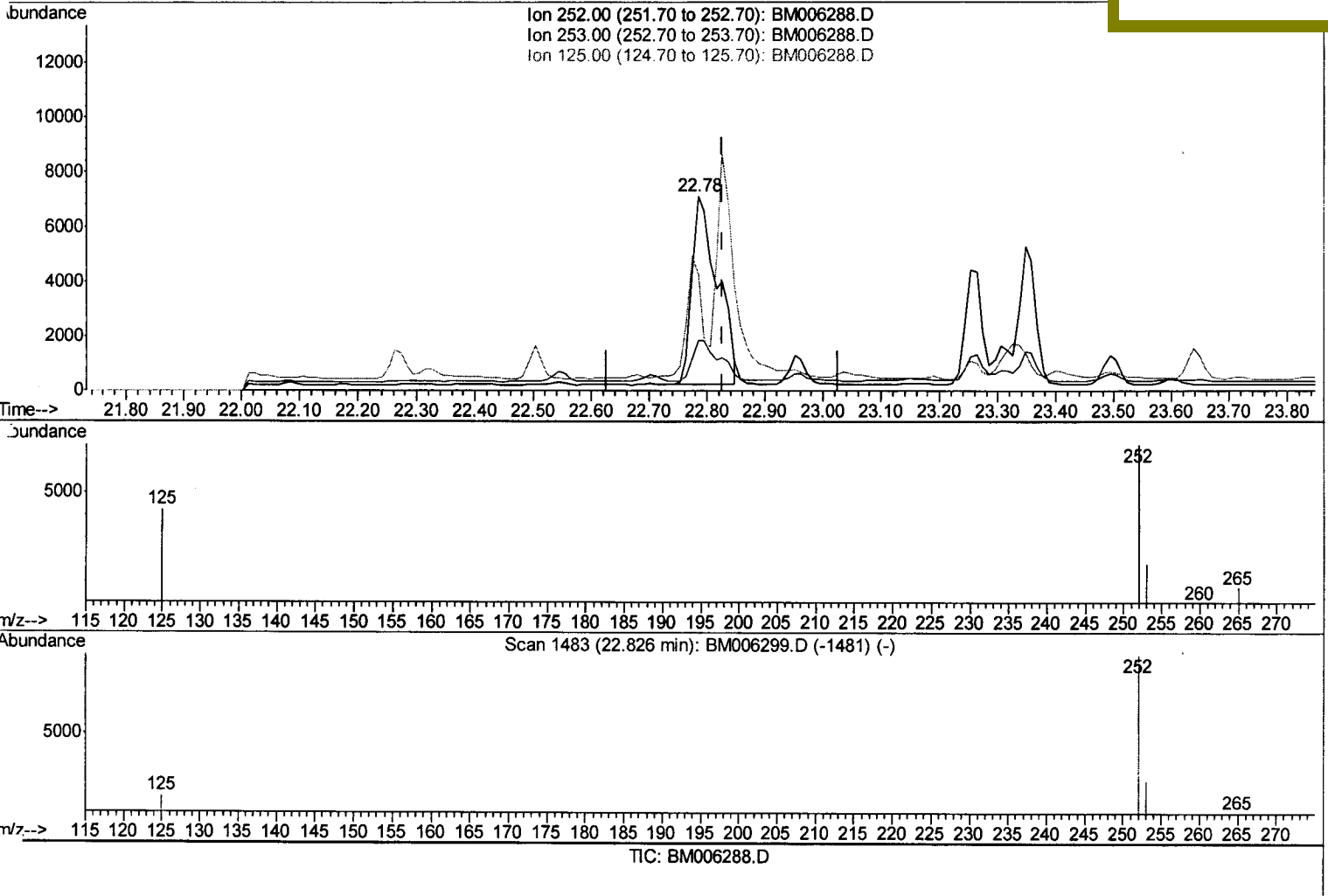

TIC: BM006288.D

(24) Benzo(k)fluoranthene

22.784min (-0.042) 0.59ng/ul

response 21169

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.02
125.00	13.00	59.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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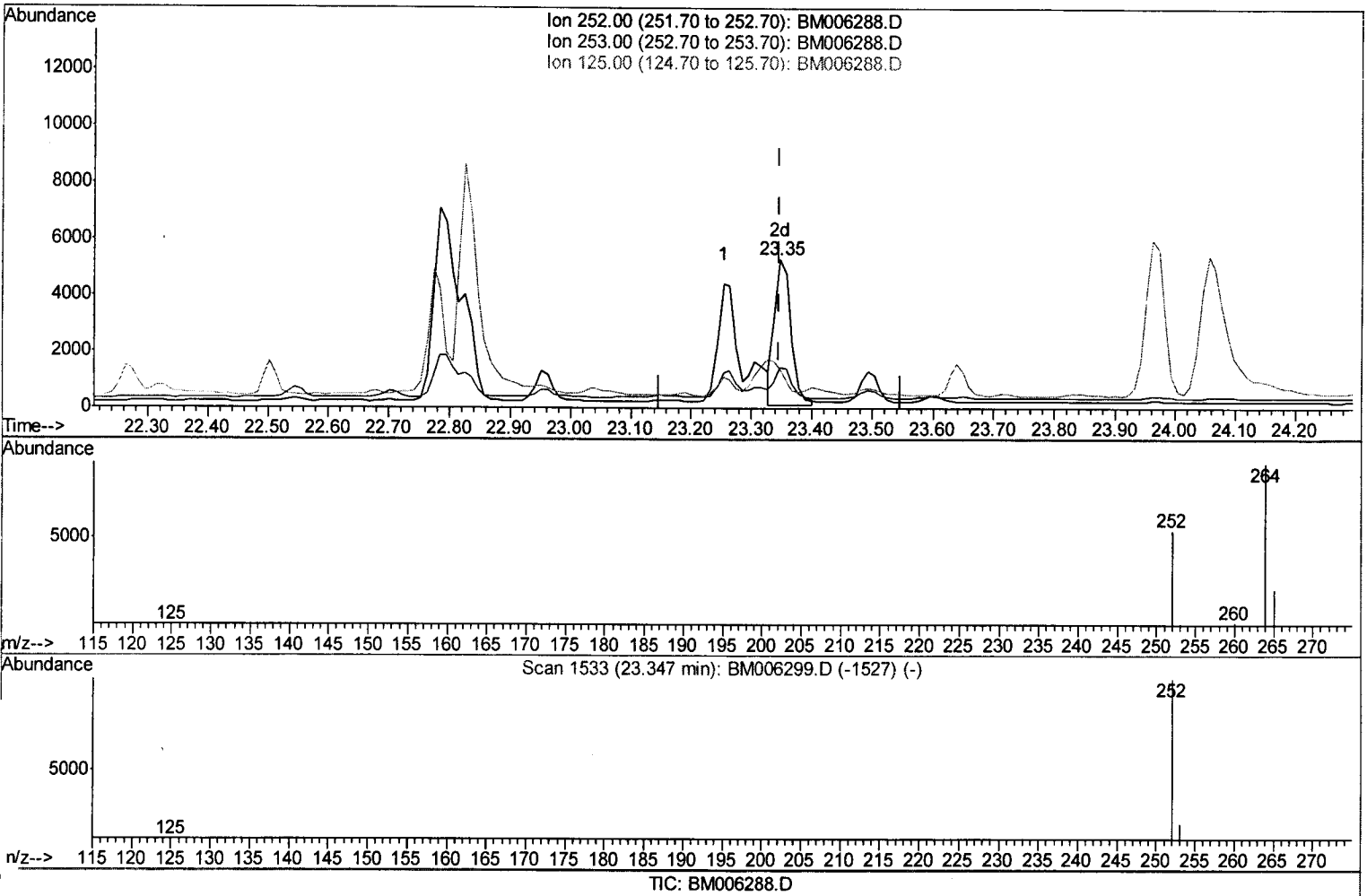

(25) Benzo(a)pyrene (C)

23.347min (+0.000) 0.28ng/ul m U.M

response 9889 07/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	27.05
125.00	15.90	26.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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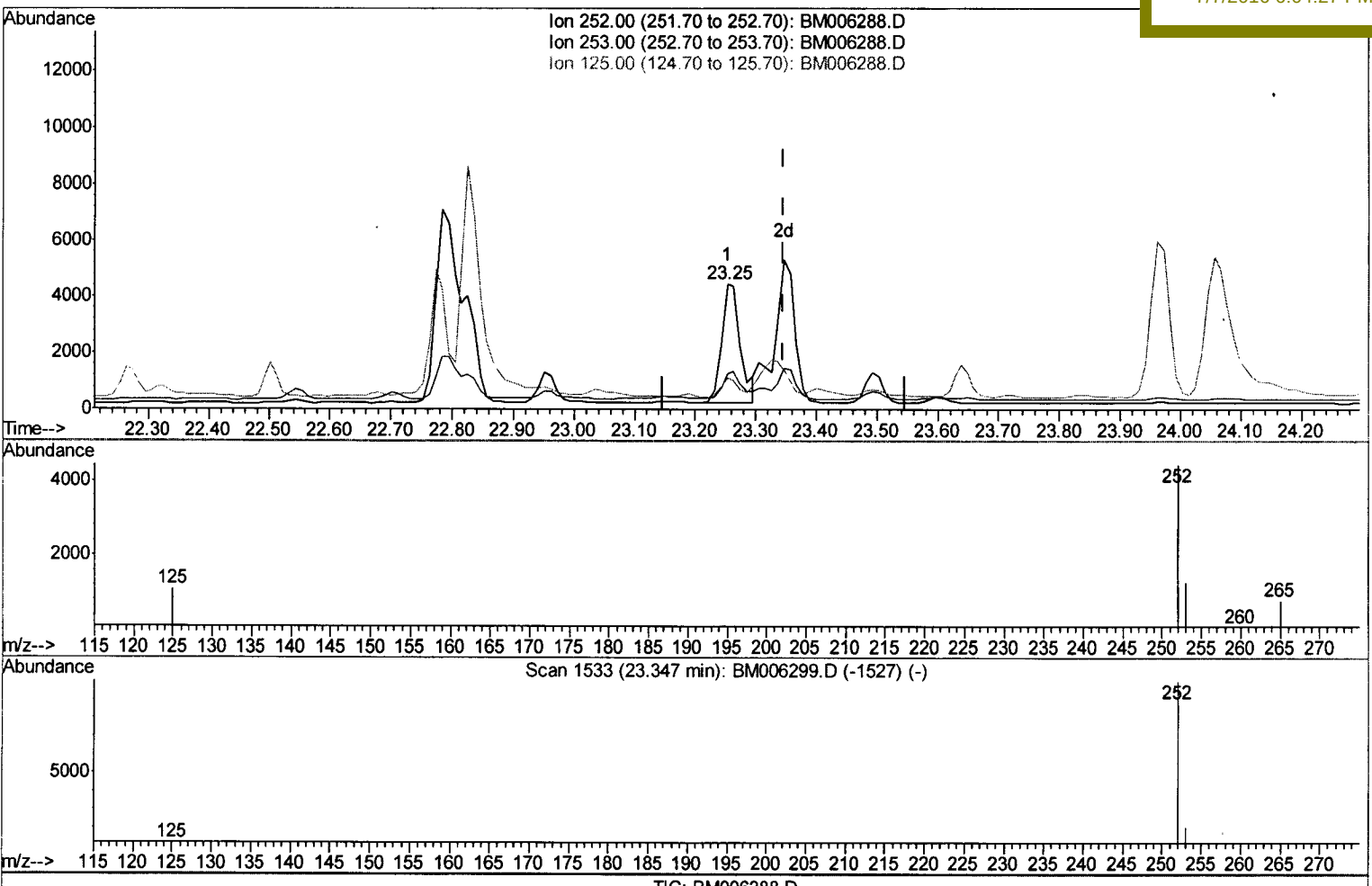

TIC: BM006288.D

(25) Benzo(a)pyrene (C)

23.253min (-0.094) 0.25ng/ul

response 9002

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	28.06
125.00	15.90	24.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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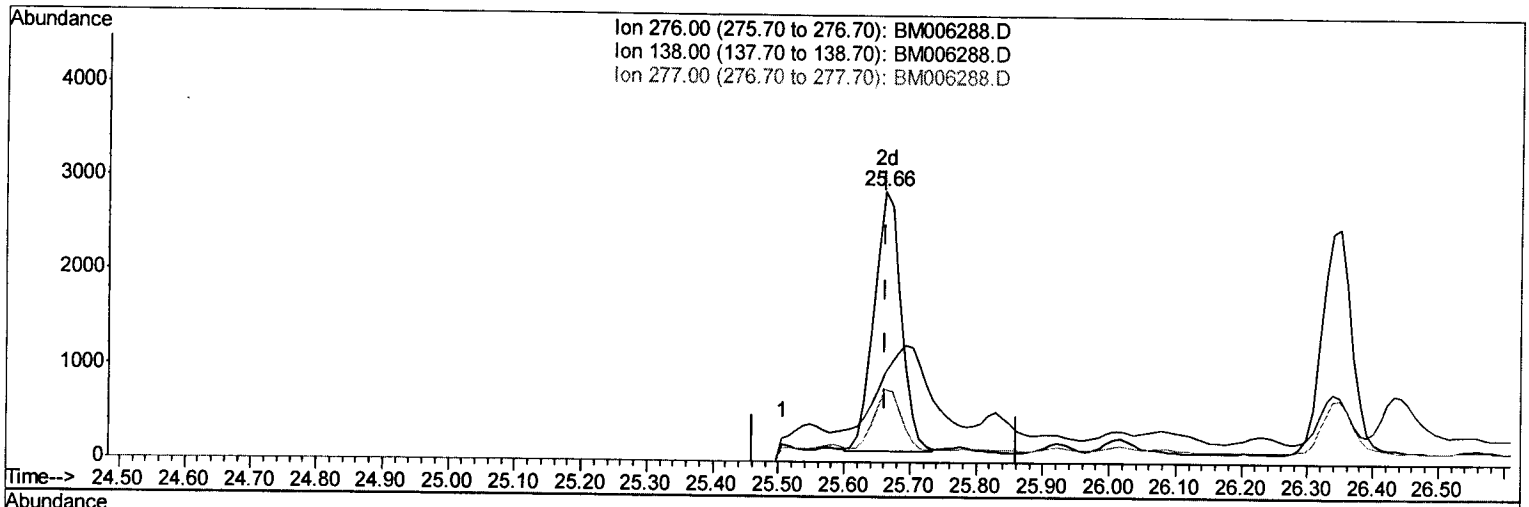

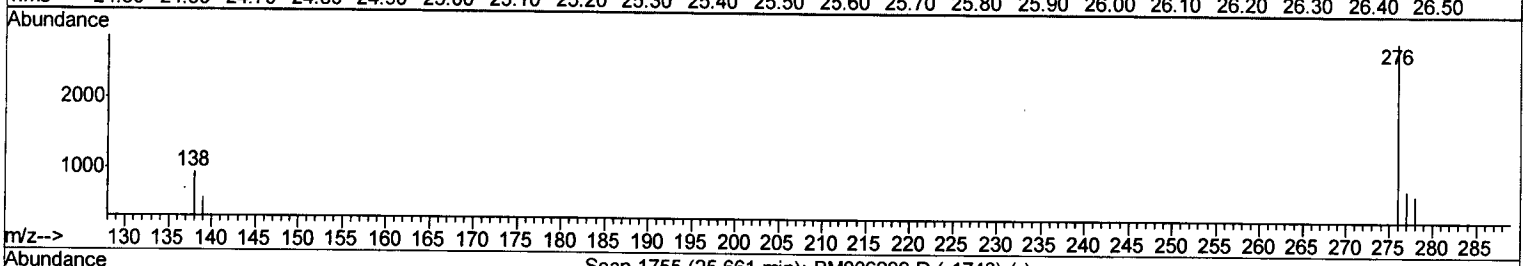

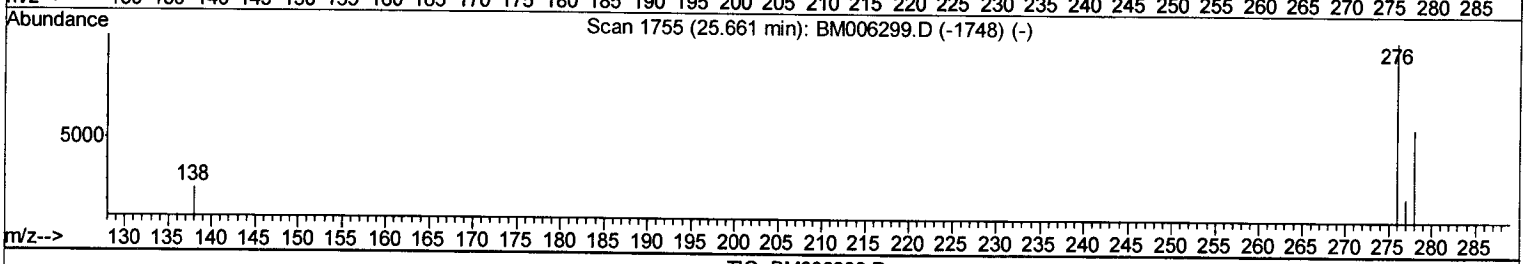

TIC: BM006288.D

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

25.661min (+0.000) 0.20ng/ul m U.M

07/11/16

response 7938

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integratio
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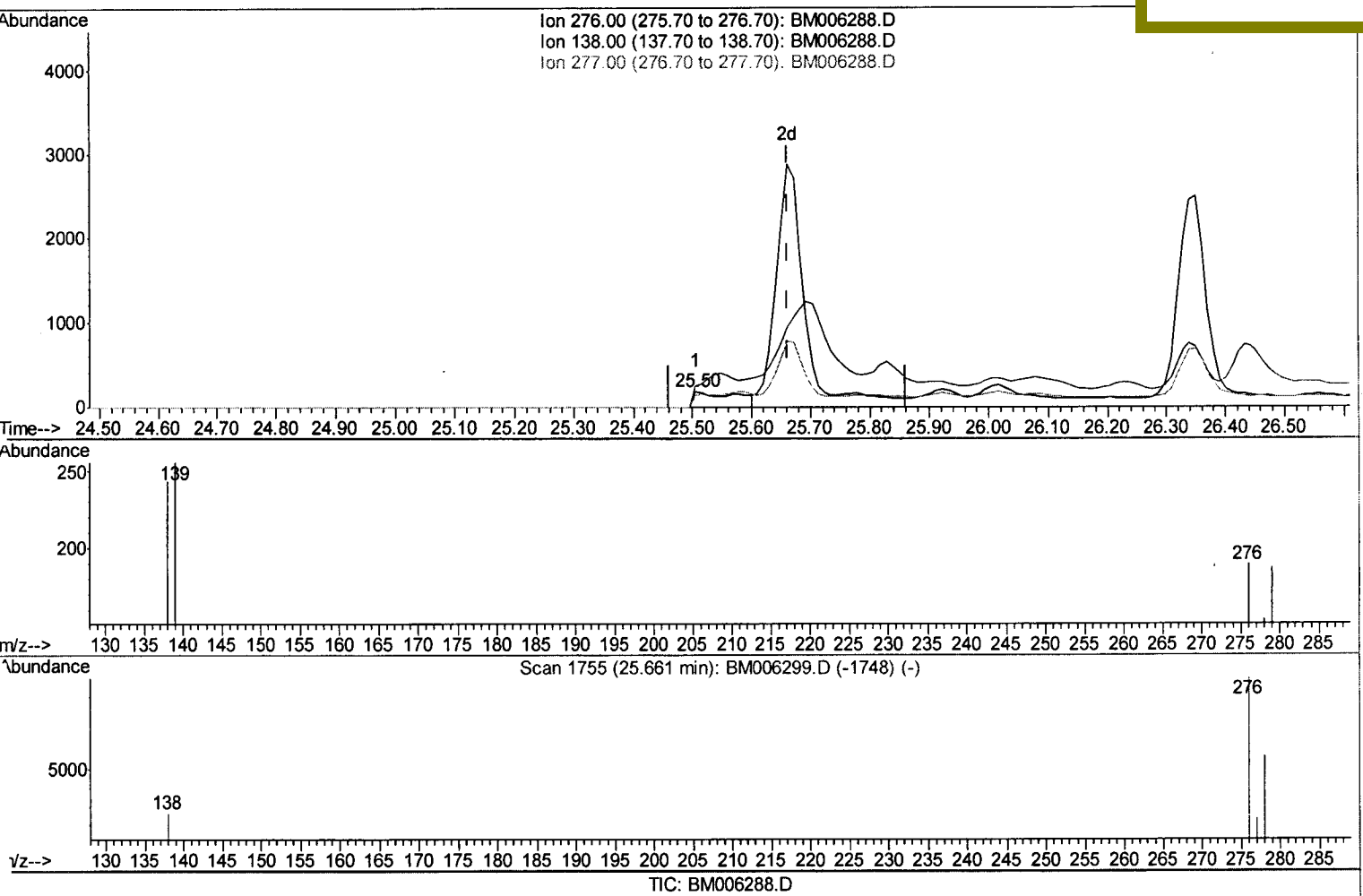

TIC: BM006288.D

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

25.505min (-0.156) 0.02ng/ul

response 924

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati
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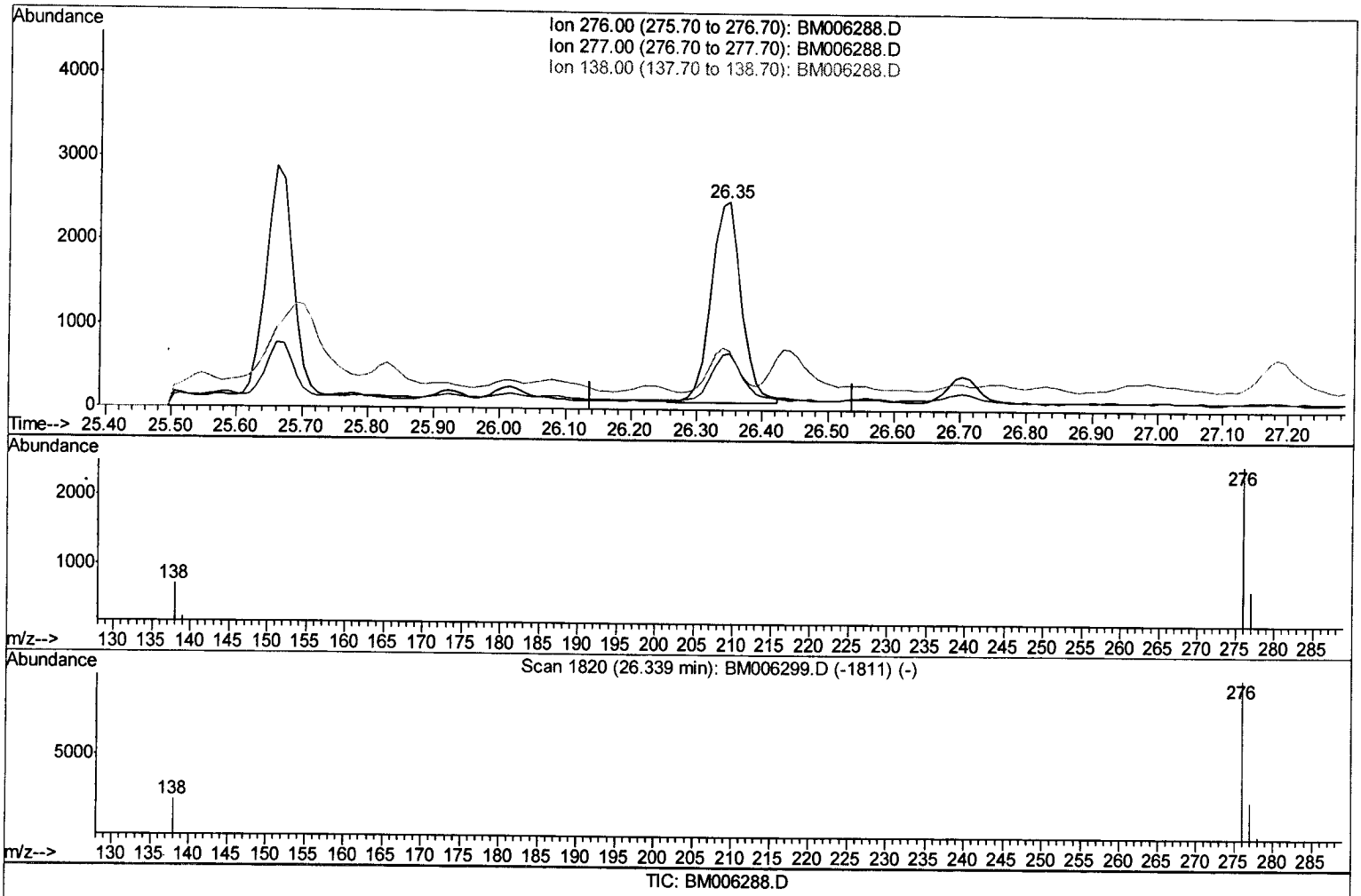

TIC: BM006288.D

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

26.349min (+0.011) 0.23ng/ul m U,M
07/11/16

response 7759

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	27.40
138.00	28.10	28.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 10:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati
APPROVE
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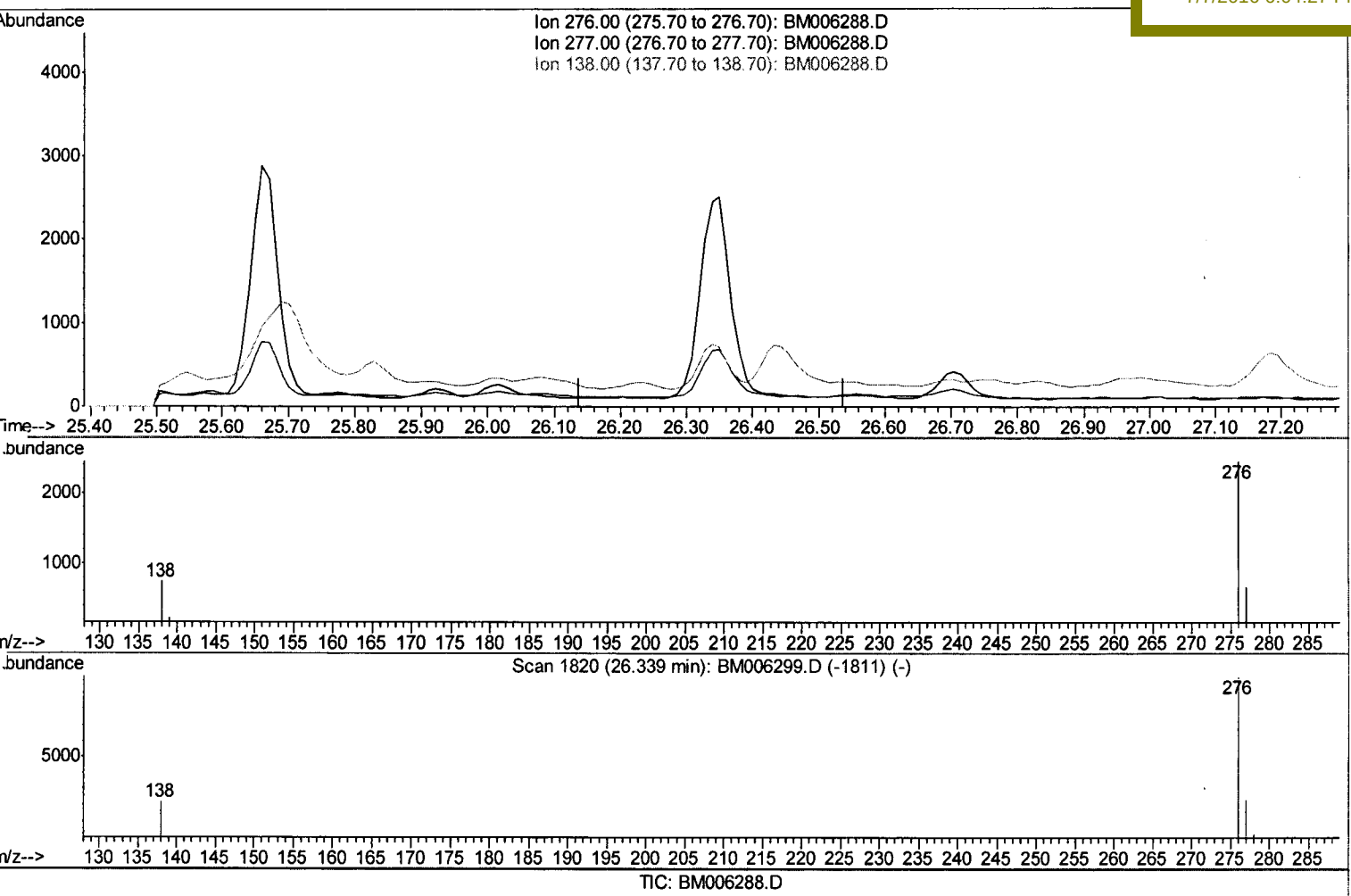

TIC: BM006288.D

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

26.339min (-26.339) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	23.60	0.00#
138.00	28.10	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrati
APPROVE
umangi
7/7/2016 6:04:27 PM

Quant Time: Jul 07 10:49:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4482	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17624	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9949	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	19292m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	12710	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	10764m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	8142	4.30	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6814	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	12029	0.30	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.48	128	1287	0.03	ng/ul#	79
7) 2-Methylnaphthalene	12.09	142	831	0.03	ng/ul	97
9) Acenaphthylene	14.01	152	1358	0.04	ng/ul#	90
14) Phenanthrene	17.07	178	15040m	0.28	ng/ul	
15) Anthracene	17.16	178	2771	0.06	ng/ul#	72
17) Fluoranthene	19.11	202	27969	0.48	ng/ul	94
19) Pyrene	19.47	202	25434	0.48	ng/ul	96
20) Benzo(a)anthracene	21.22	228	10181	0.25	ng/ul#	91
21) Chrysene	21.27	228	12513	0.31	ng/ul	94
23) Benzo(b)fluoranthene	22.78	252	16651m	0.43	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	5201m	0.15	ng/ul	
25) Benzo(a)pyrene	23.35	252	9889m	0.28	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	7938m	0.20	ng/ul	
28) Benzo(g,h,i)perylene	26.35	276	7759m	0.23	ng/ul	

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