Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:29:24 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 :
A4TV8

Manual Integratio
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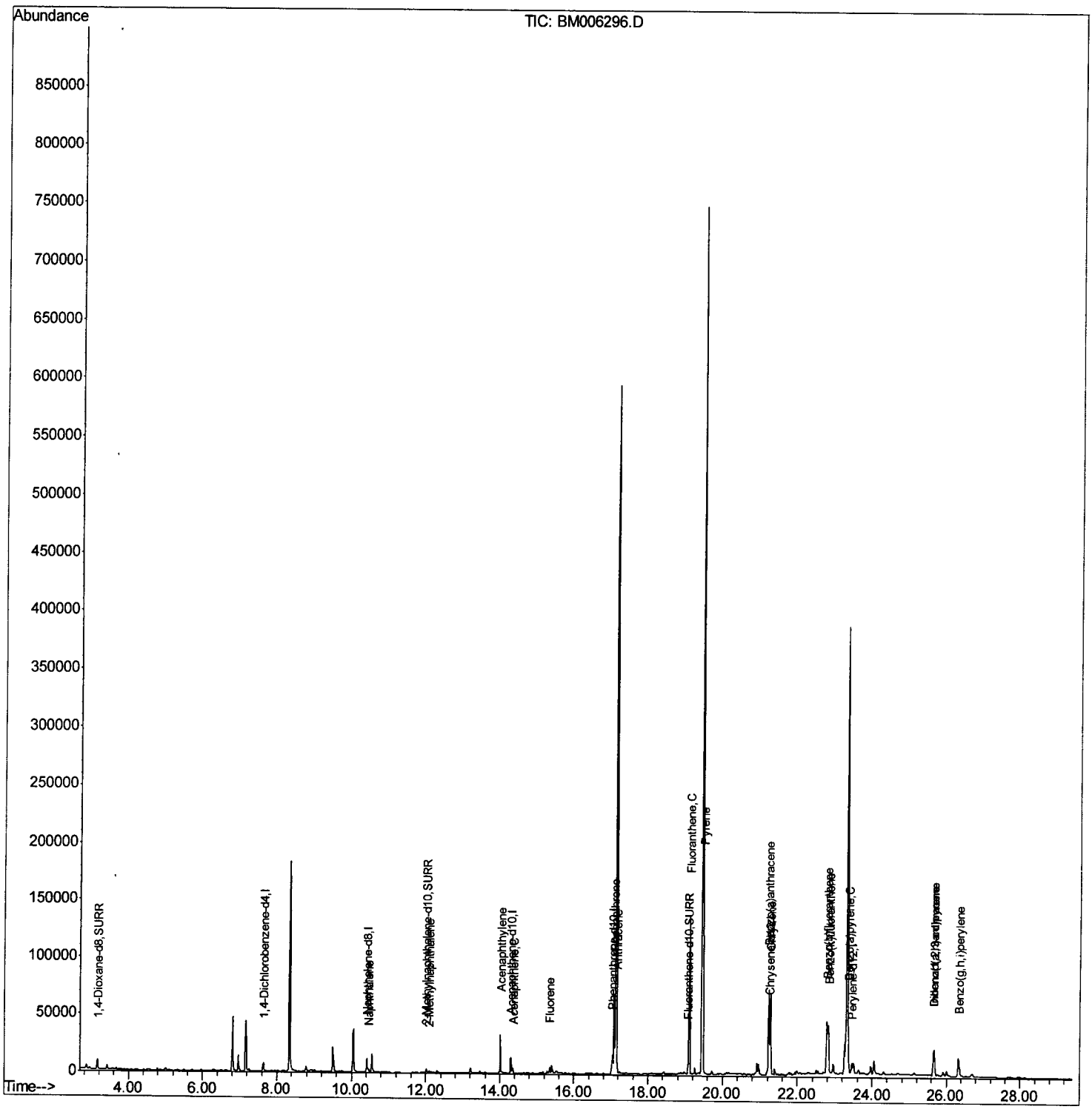

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:25:34 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 :
A4TV8

Manual Integratio
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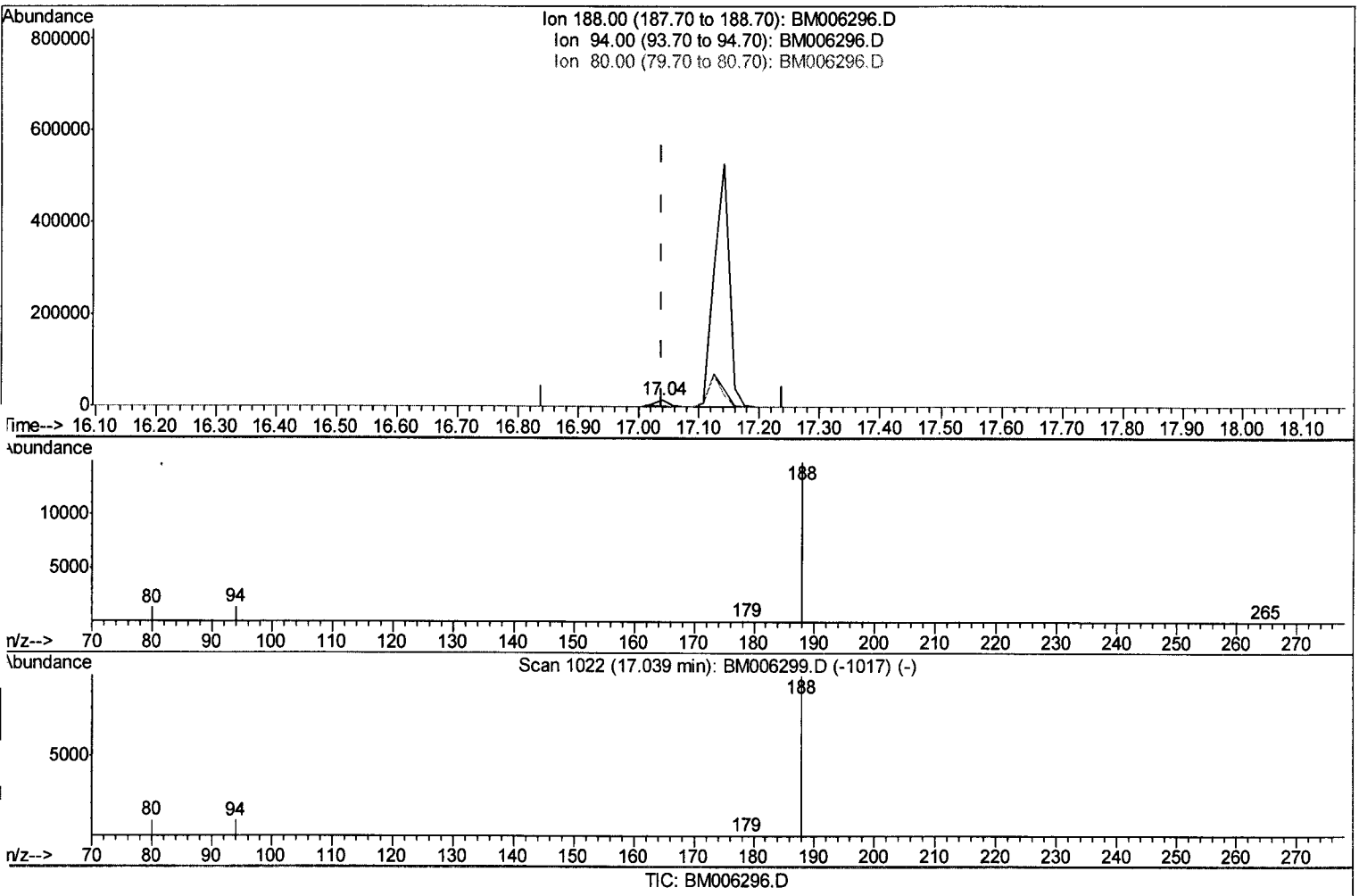

(12) Phenanthrene-d10 (I)

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

response 22610

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.36#
80.00	11.90	8.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:25:34 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 :
A4TV8

Manual Integrati
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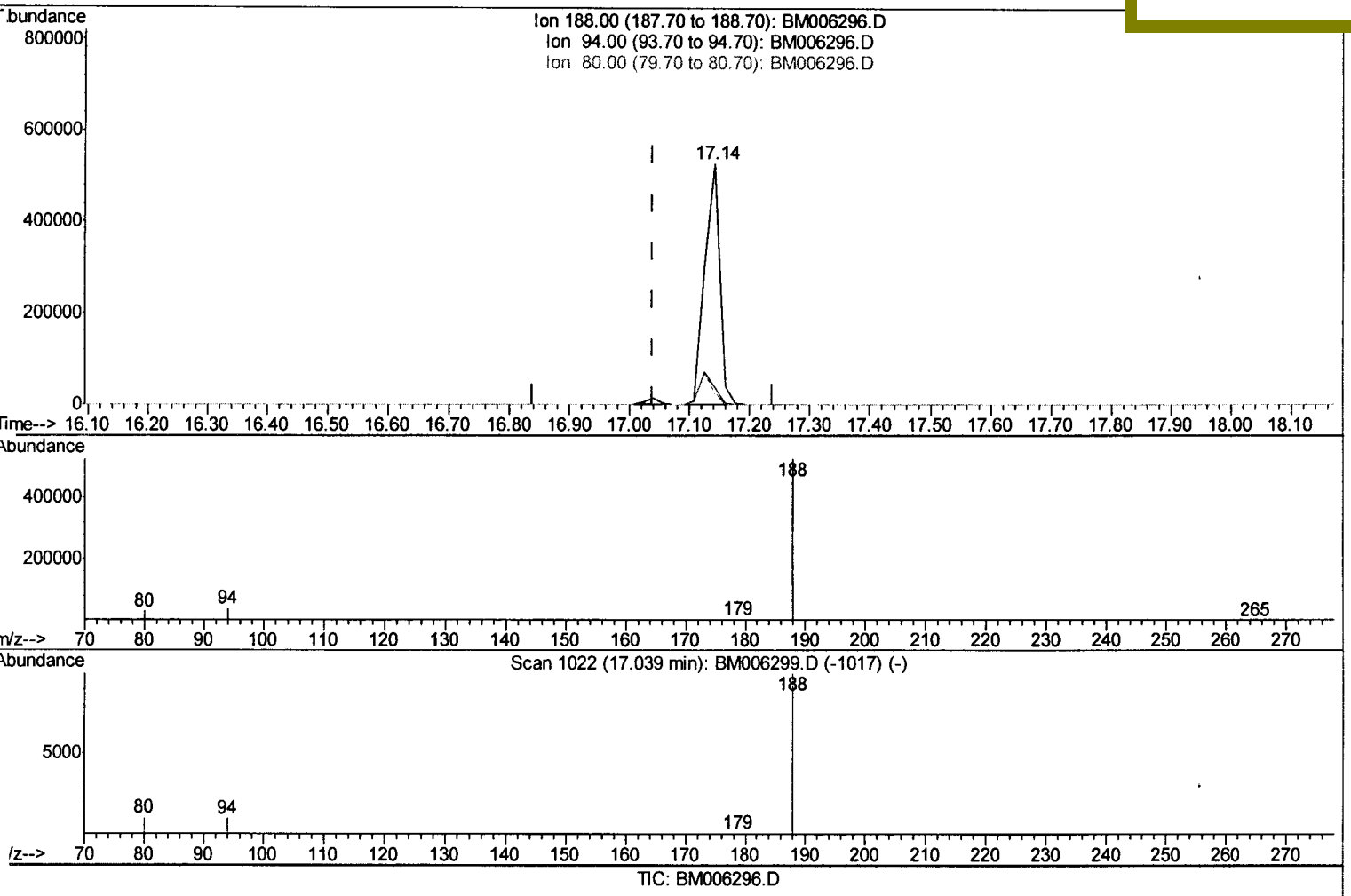

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 908933

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.09#
80.00	11.90	5.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:26:04 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 :
A4TV8

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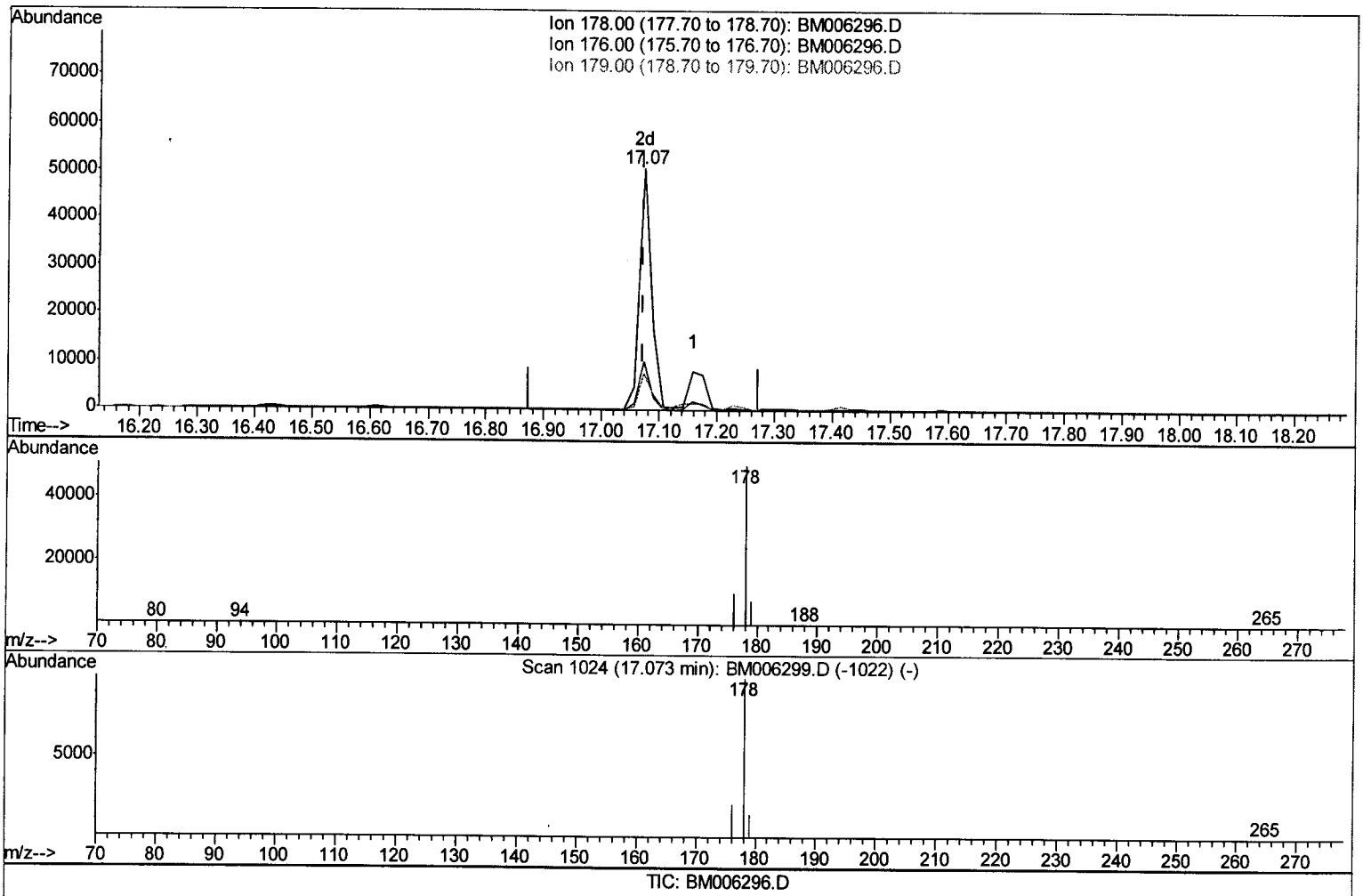

TIC: BM006296.D

(14) Phenanthrene

17.073min (0.000) 1.20ng/ul m U.M 07/11/16

response 75311

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.06#
179.00	17.70	14.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:26:04 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 :
A4TV8

Manual Integrati
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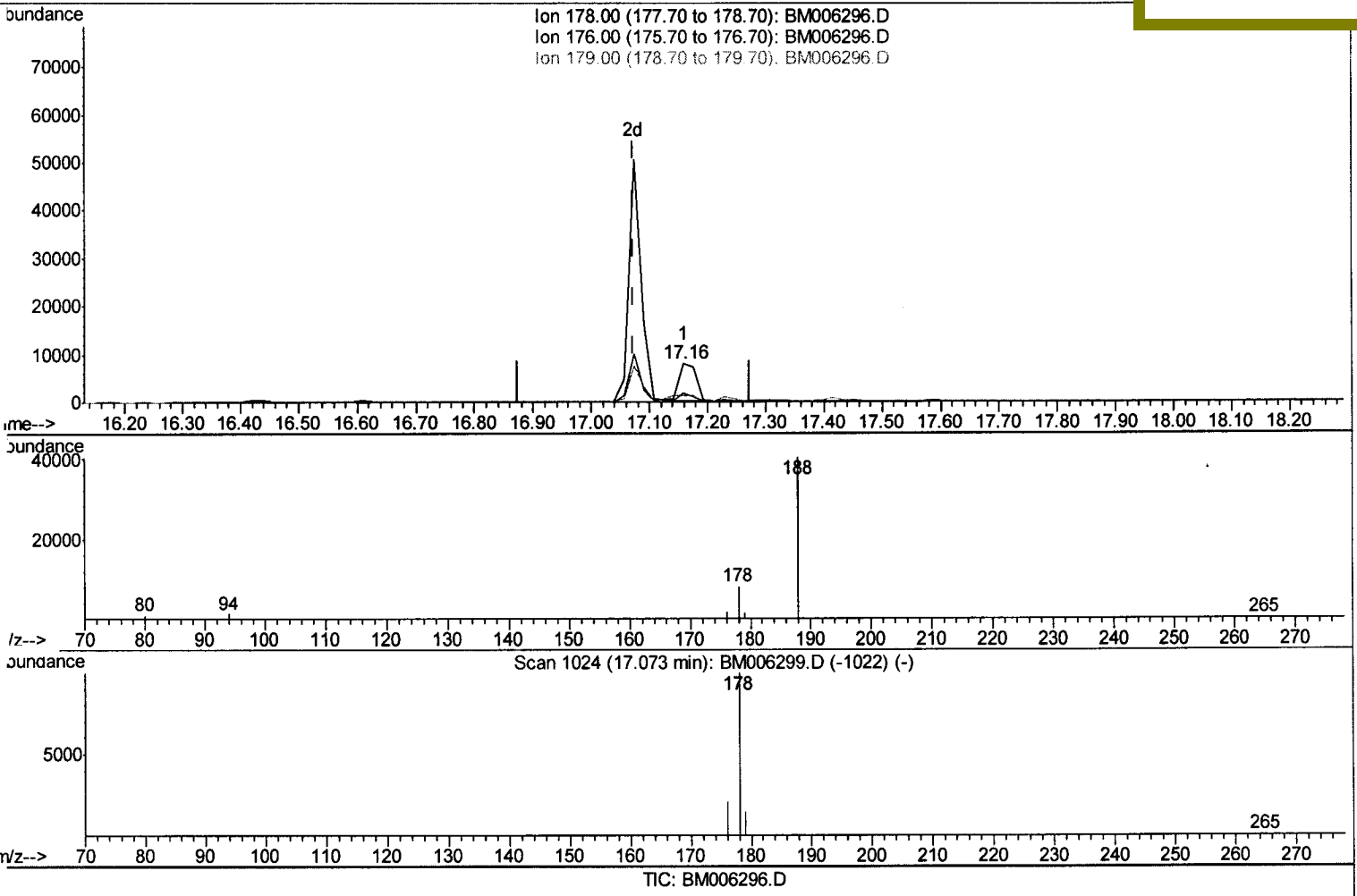

(14) Phenanthrene

17.159min (+0.086) 0.27ng/ul

response 16896

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	22.71#
179.00	17.70	16.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:26:04 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 :
A4TV8

Manual Integratio
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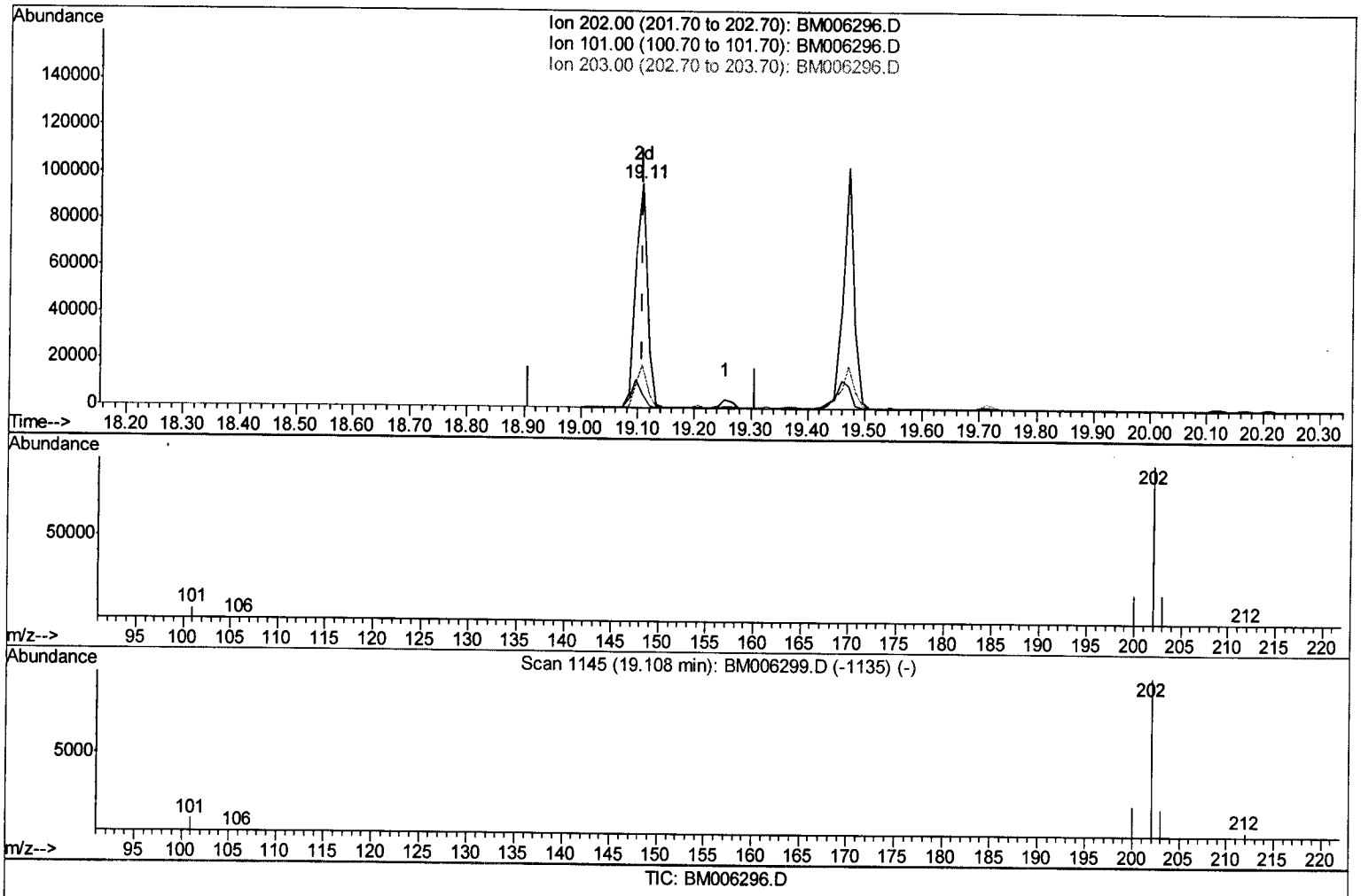

TIC: BM006296.D

(17) Fluoranthene (C)

19.108min (0.000) 2.04ng/ul m U.M 07/11/16

response 140736

Ion	Exp%	Act%
202.00	100	100
101.00	9.60	6.57
203.00	16.30	18.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:26:04 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 :
A4TV8

Manual Integrati
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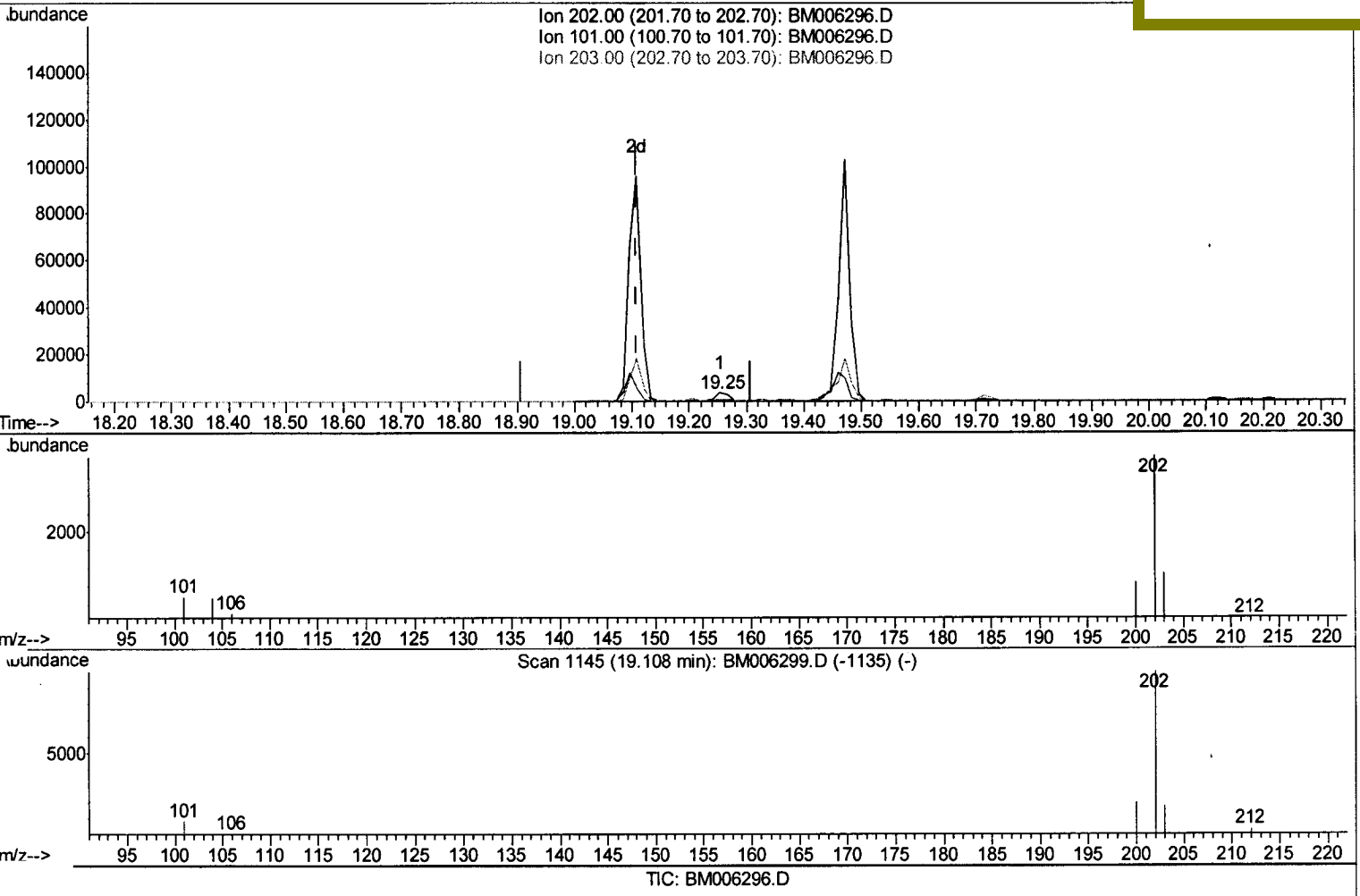

TIC: BM006296.D

(17) Fluoranthene (C)

19.253min (+0.145) 0.08ng/ul

response 5308

Ion	Exp%	Act%
202.00	100	100
101.00	9.60	15.64
203.00	16.30	29.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:26:04 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 :
A4TV8

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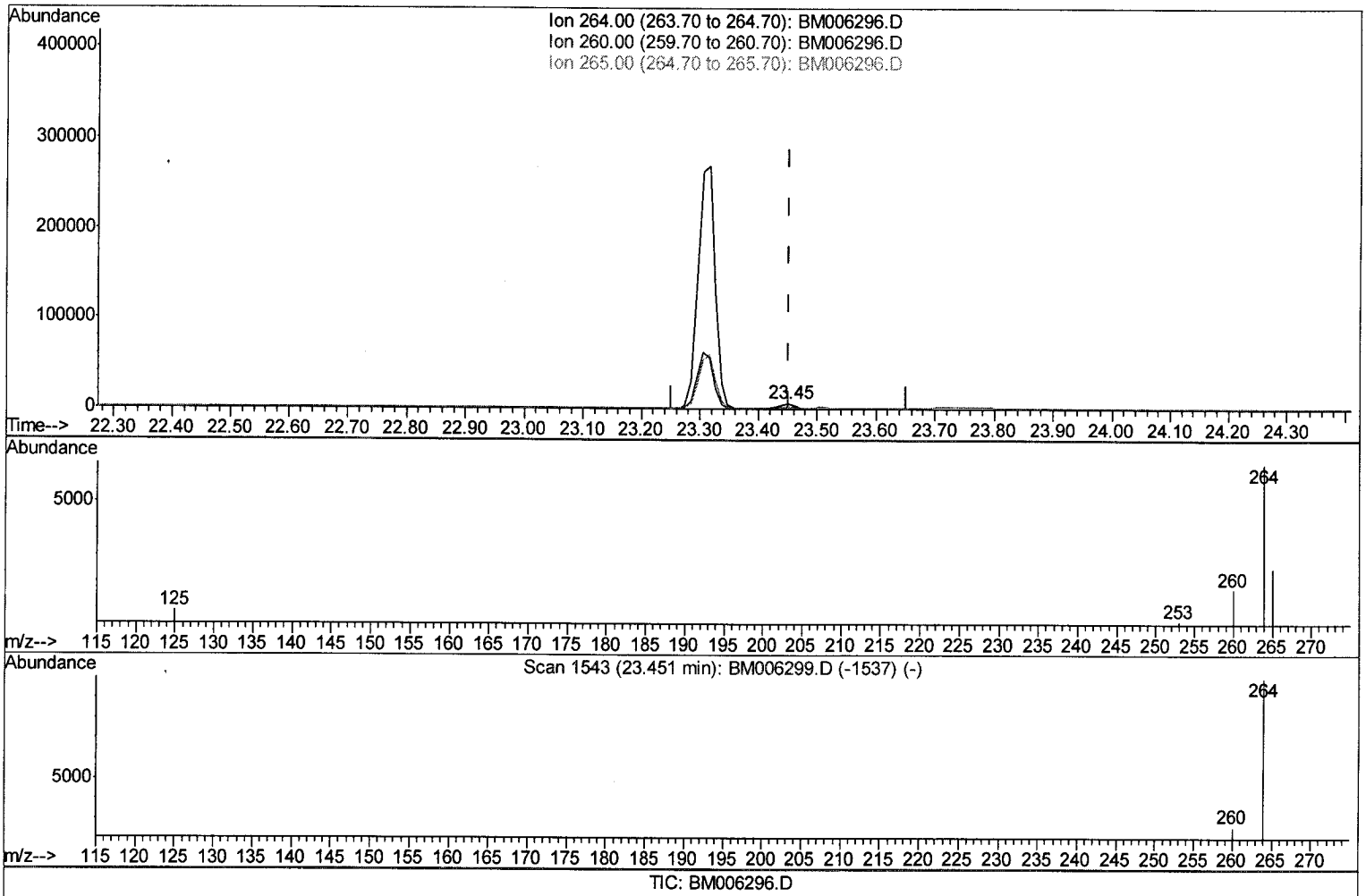

TIC: BM006296.D

(22) Perylene-d12 (I)

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

response 12090

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.98
265.00	38.20	39.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:26:04 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 :
A4TV8

Manual Integrati
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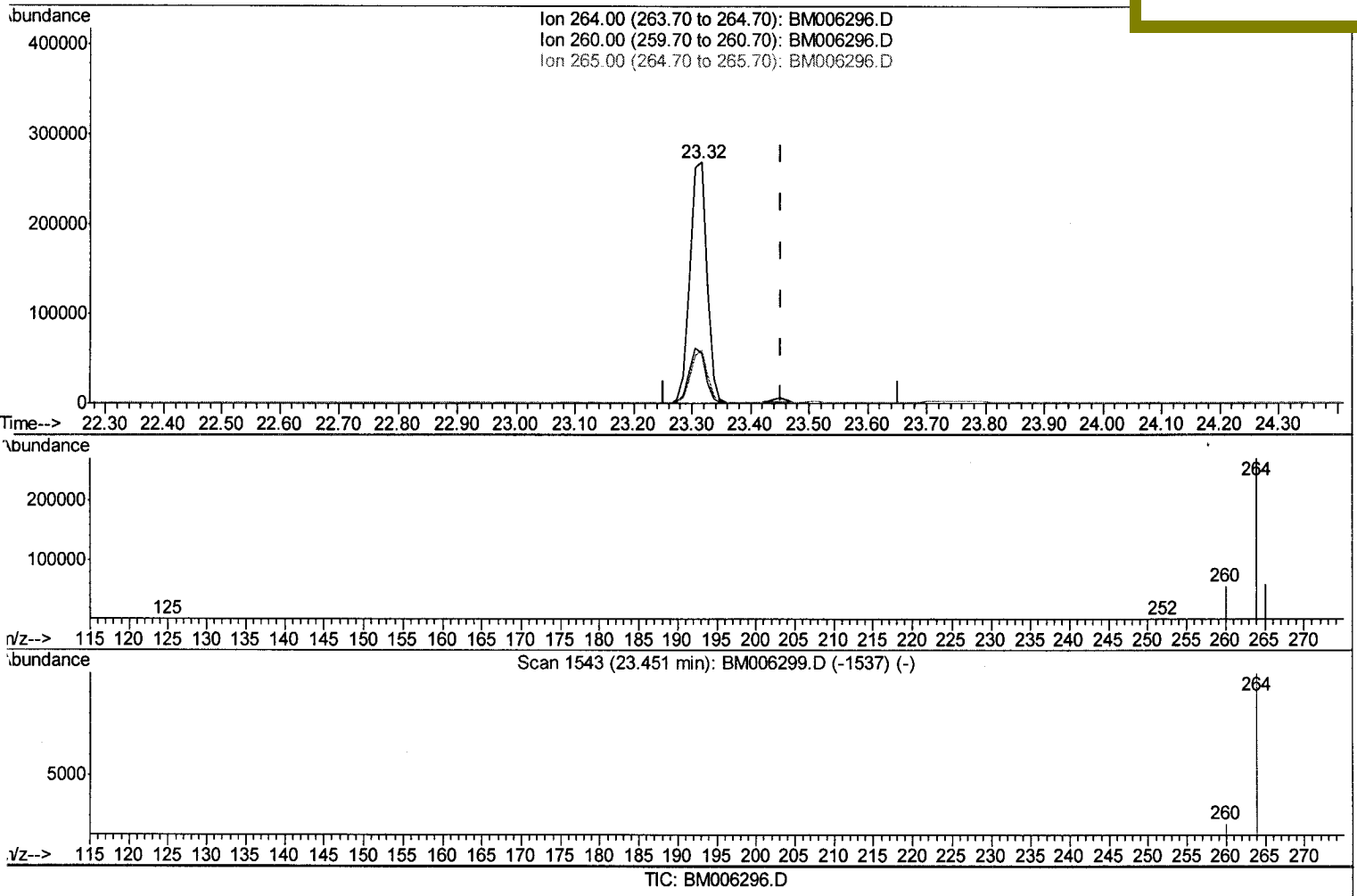

TIC: BM006296.D

(22) Perylene-d12 (I)

23.316min (-0.136) 0.40ng/ul

response 531125

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.94
265.00	38.20	22.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

Manual Integratio
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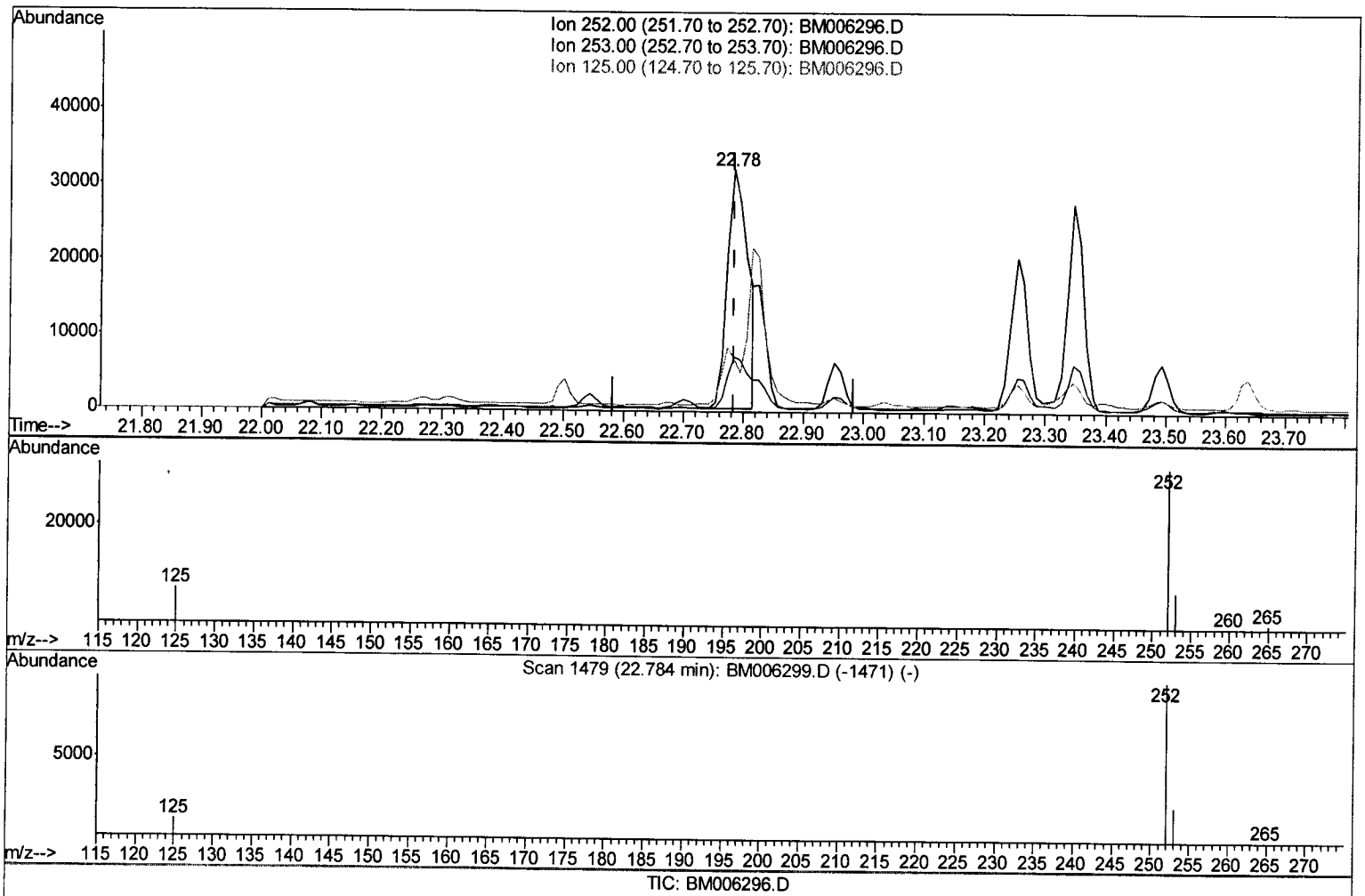

TIC: BM006296.D

(23) Benzo(b)fluoranthene

22.784min (0.000) 1.80ng/ul m U.M 07/11/16

response 77964

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.91
125.00	14.40	21.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

Manual Integrati

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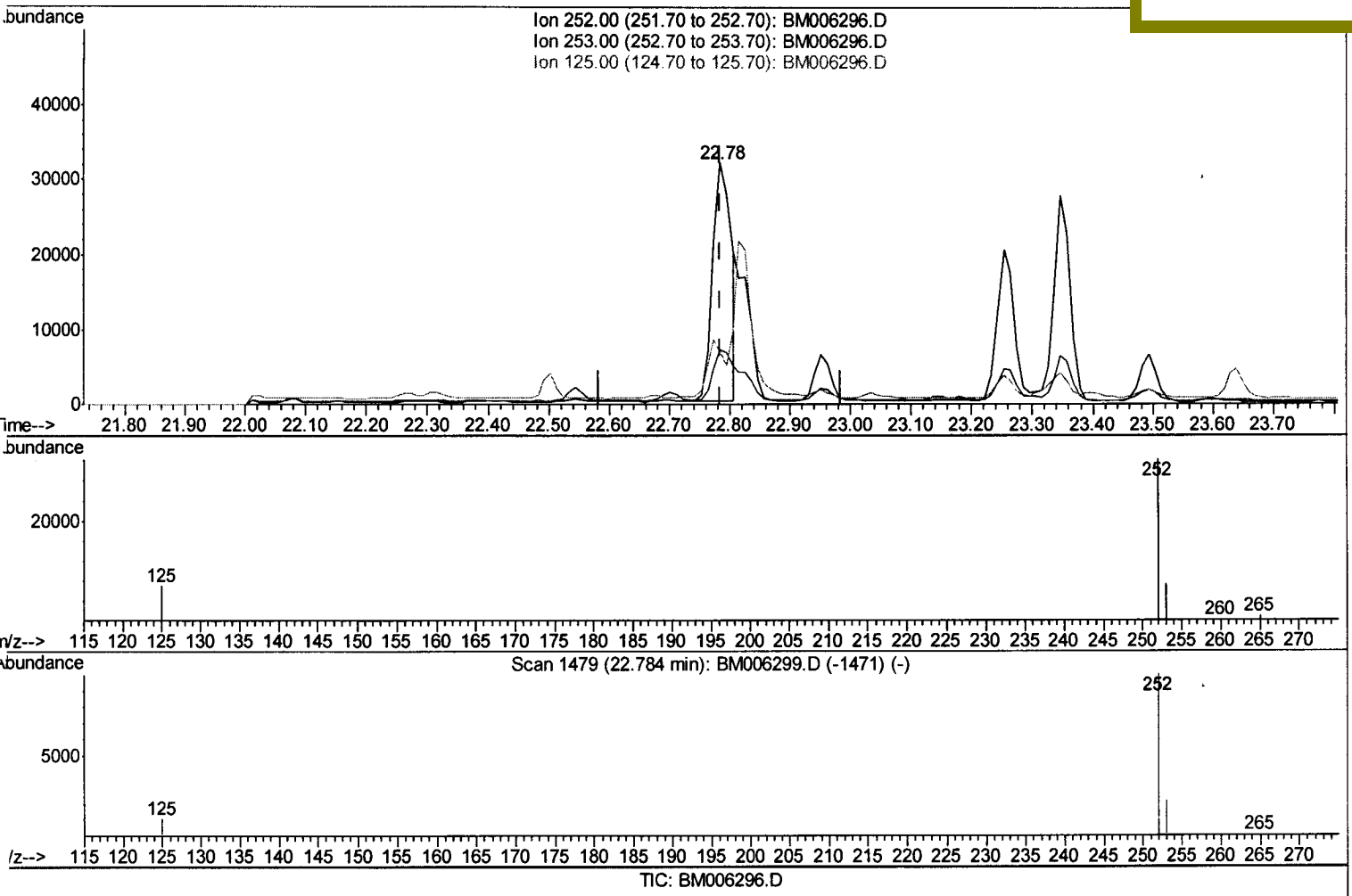

(23) Benzo(b)fluoranthene

22.784min (0.000) 1.56ng/ul

response 67602

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.91
125.00	14.40	21.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

Manual Integratio
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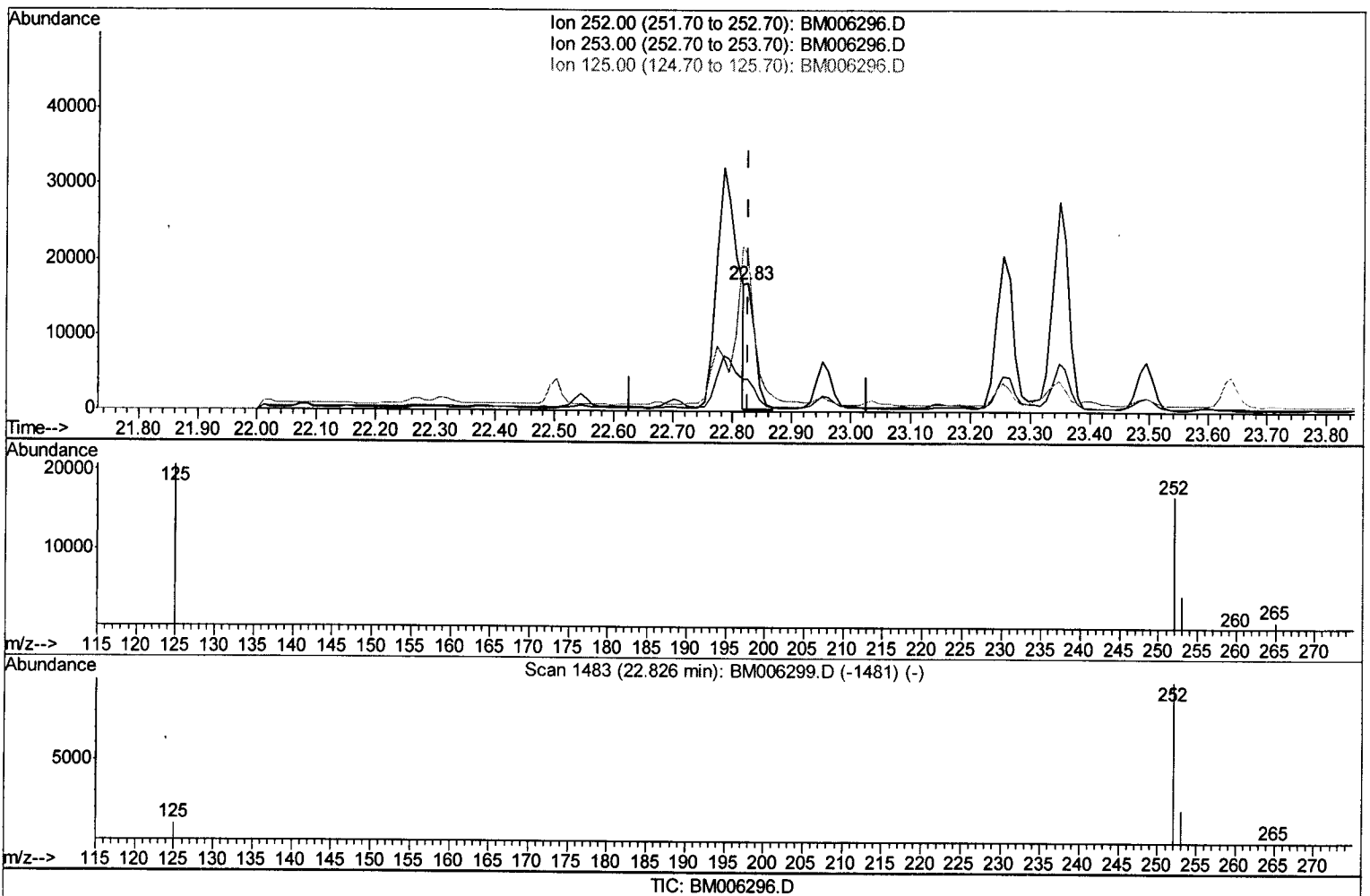

TIC: BM006296.D

(24) Benzo(k)fluoranthene

22.826min (0.000) 0.48ng/ul m U.M 07/11/16

response 19250

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	25.40
125.00	13.00	121.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

Manual Integrati
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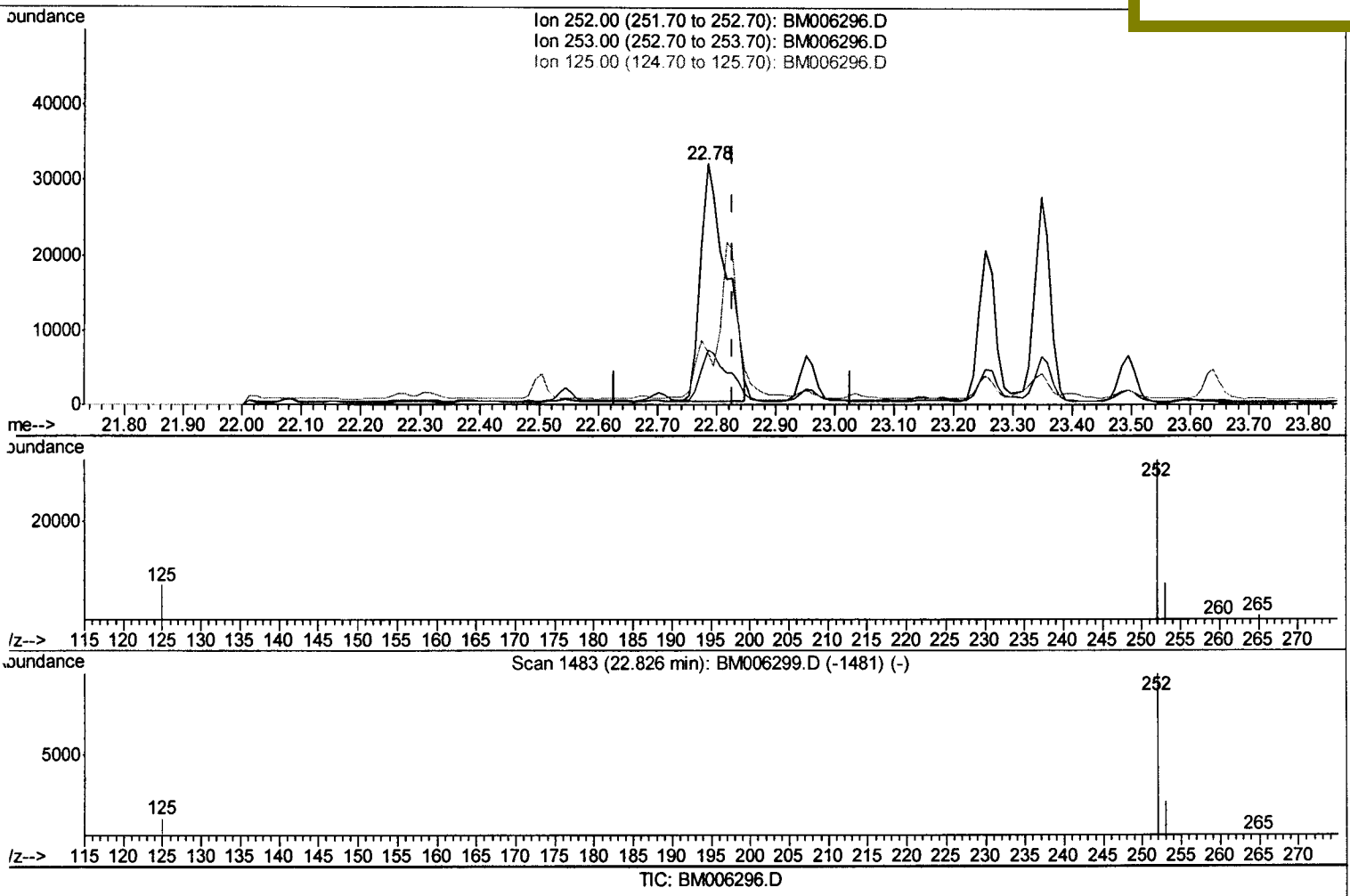

(24) Benzo(k)fluoranthene

22.784min (-0.042) 2.39ng/ul

response 96426

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	22.91
125.00	13.00	21.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

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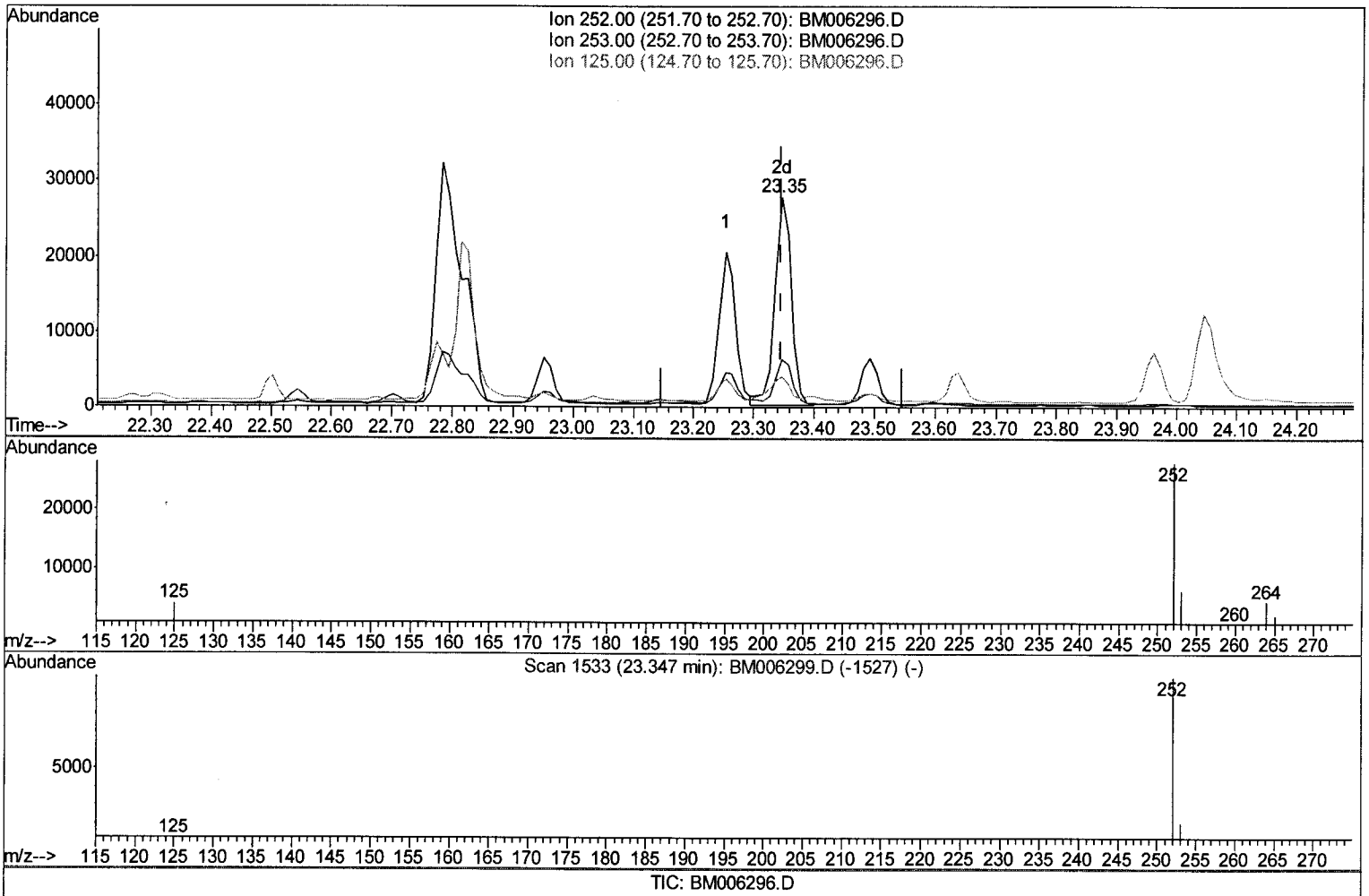

(25) Benzo(a)pyrene (C)

23.347min (0.000) 1.31ng/ul m U.M 07/11/16

response 52780

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.91
125.00	15.90	14.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

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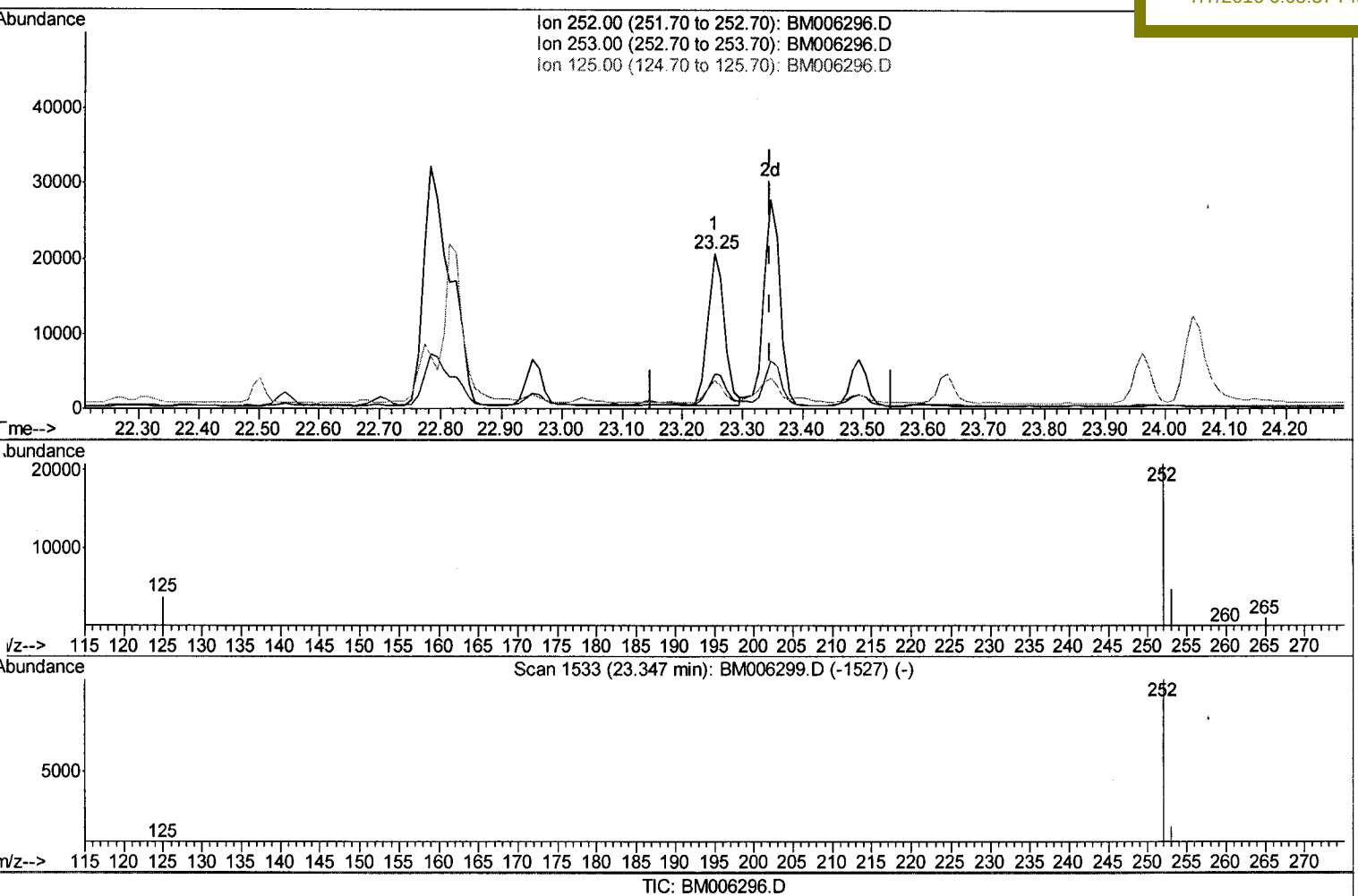

TIC: BM006296.D

(25) Benzo(a)pyrene (C)

23.253min (-0.094) 0.98ng/ul

response 39613

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.95
125.00	15.90	18.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

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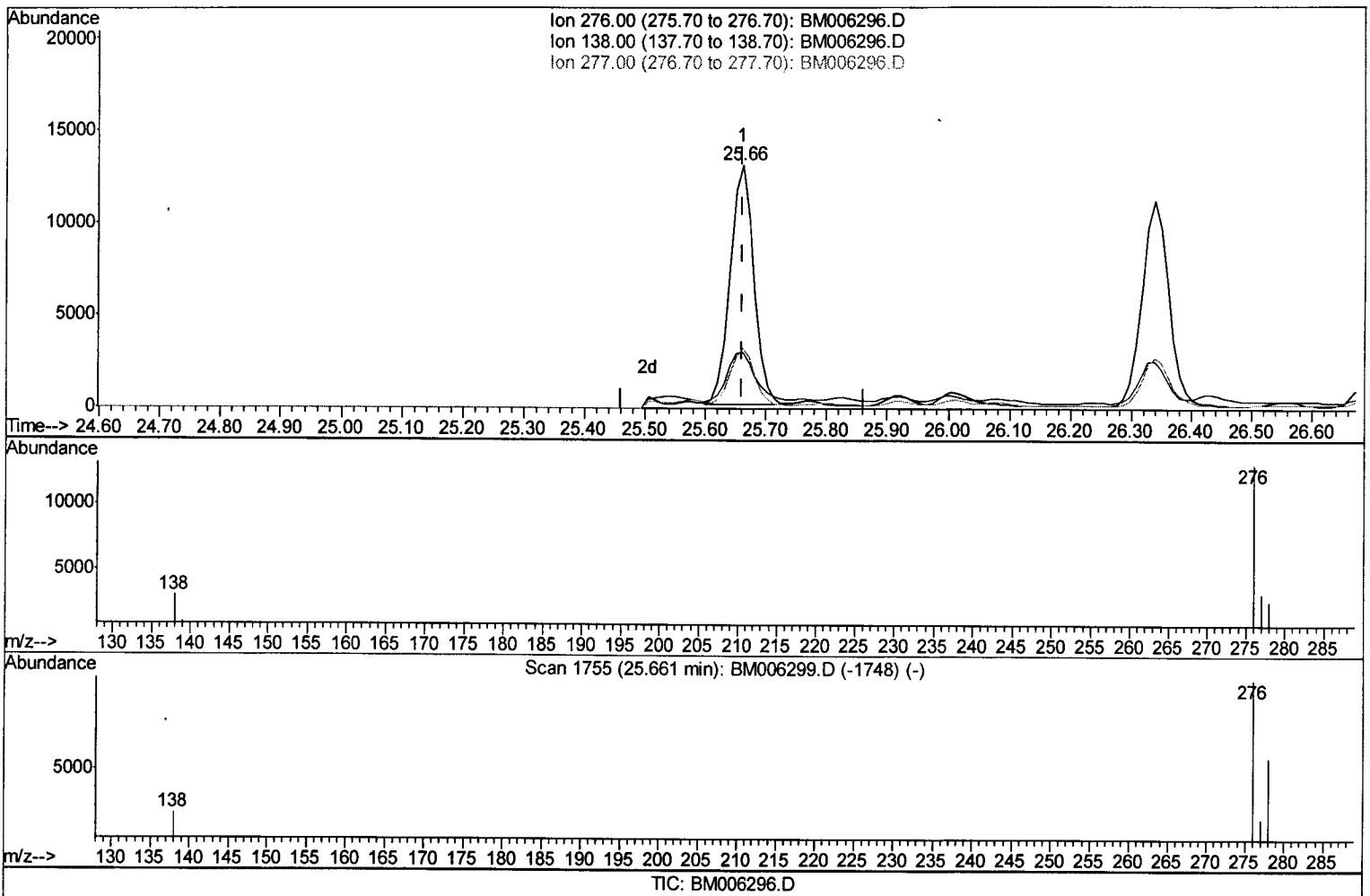

(26) Indeno(1,2,3-cd)pyrene

25.661min (0.000) 0.79ng/ul m U.M 07/11/16

response 35395

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	18.67
277.00	24.80	17.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

Manual Integrati
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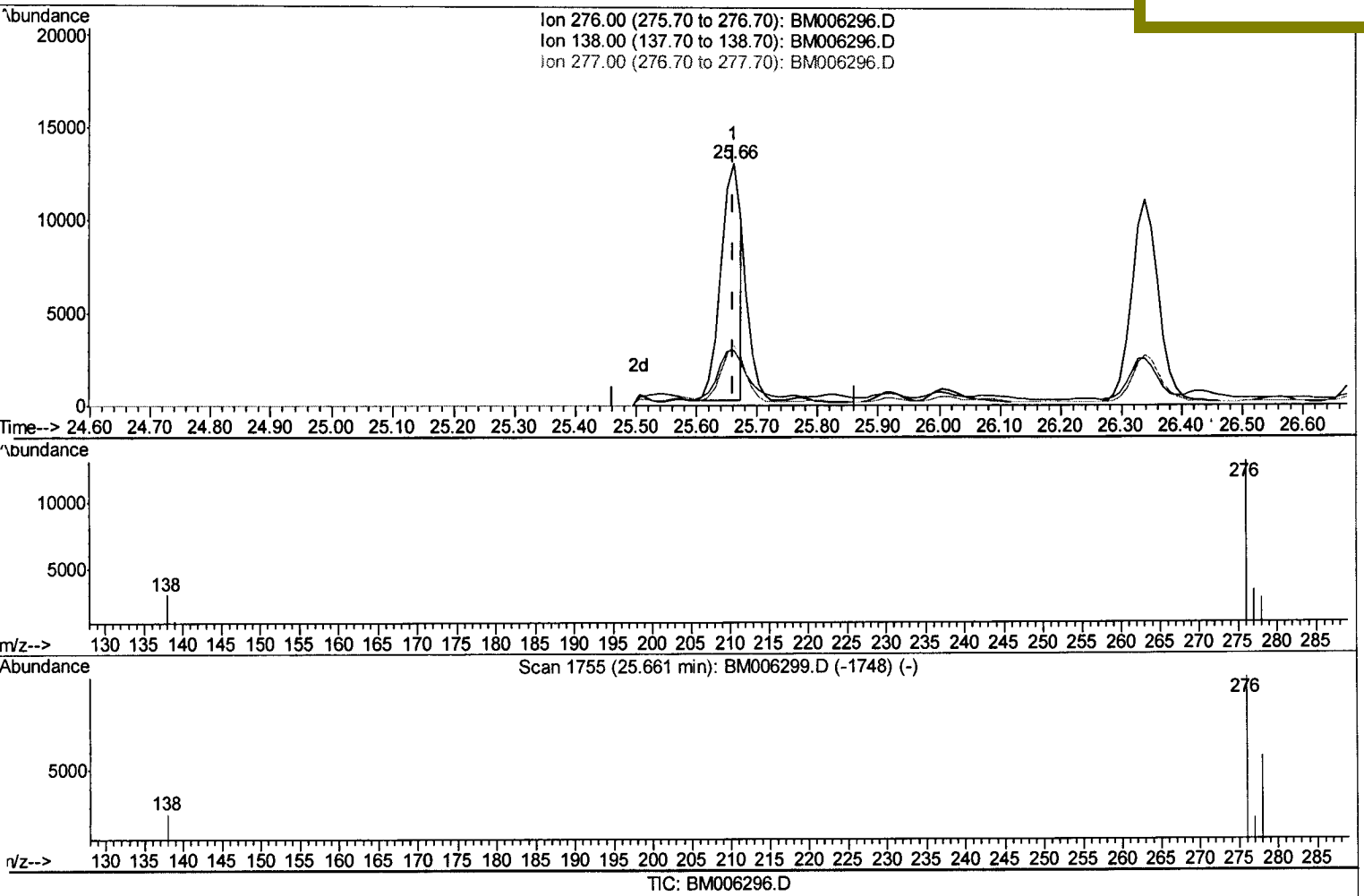

(26) Indeno(1,2,3-cd)pyrene

25.661min (0.000) 0.64ng/ul

response 28815

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	22.94
277.00	24.80	22.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

Manual Integrati
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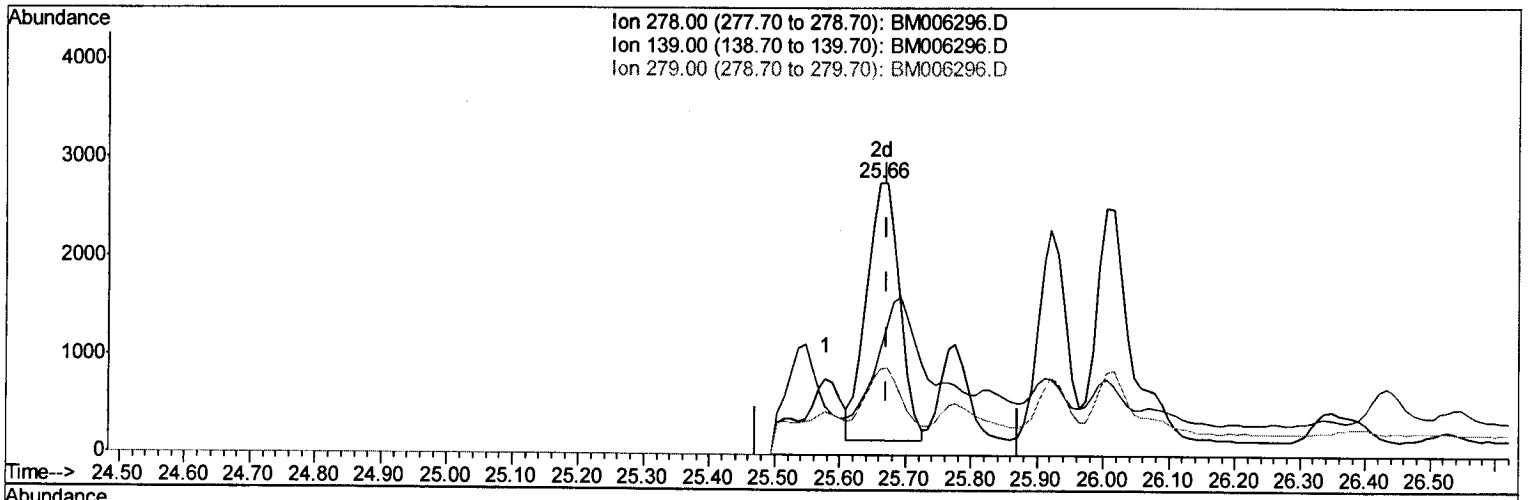

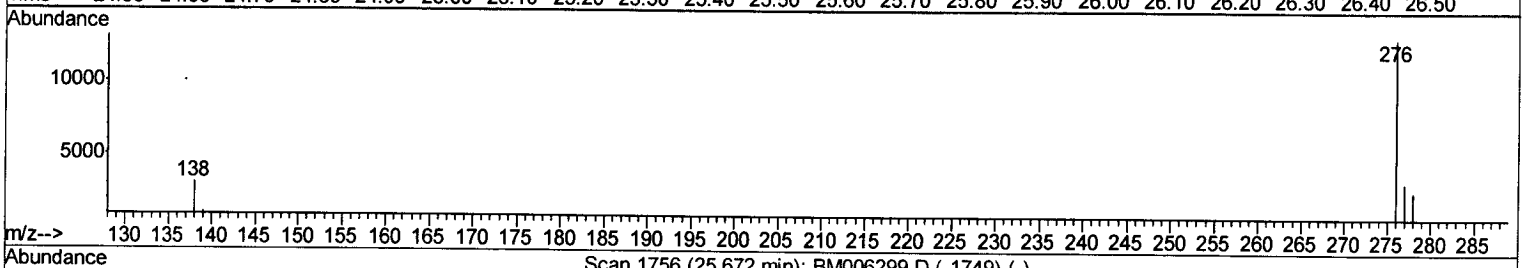

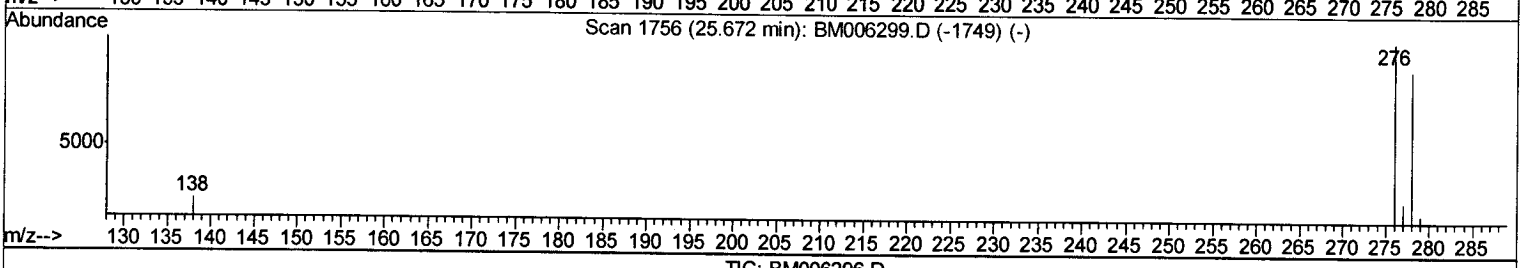

TIC: BM006296.D

(27) Dibenzo(a,h)anthracene

25.661min (-0.010) 0.26ng/ul m U,M 07/11/16

response 9218

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	38.49#
279.00	25.20	31.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

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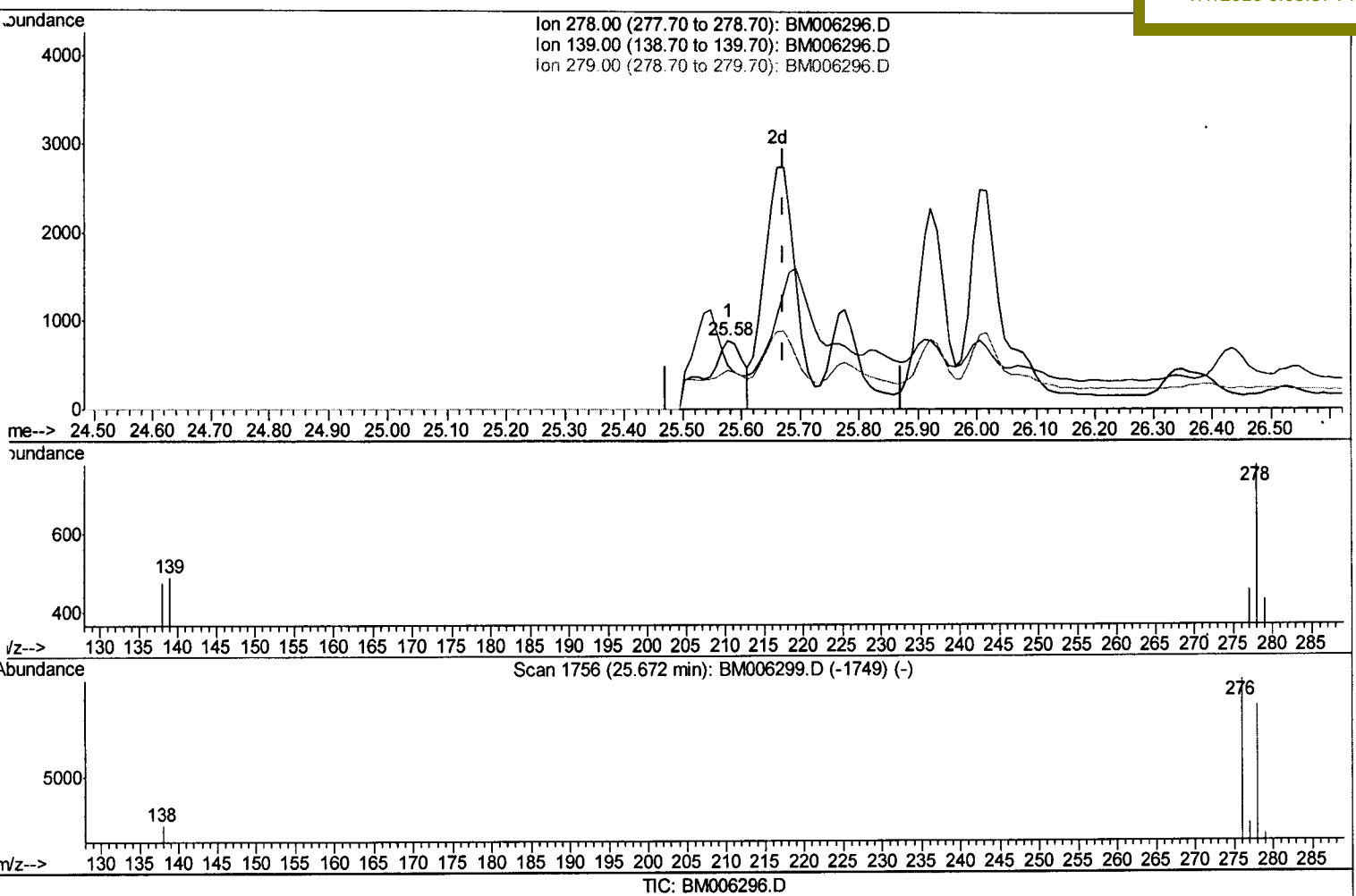

TIC: BM006296.D

(27) Dibenzo(a,h)anthracene

25.578min (-0.094) 0.10ng/ul

response 3408

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	63.19#
279.00	25.20	55.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

Manual Integratio
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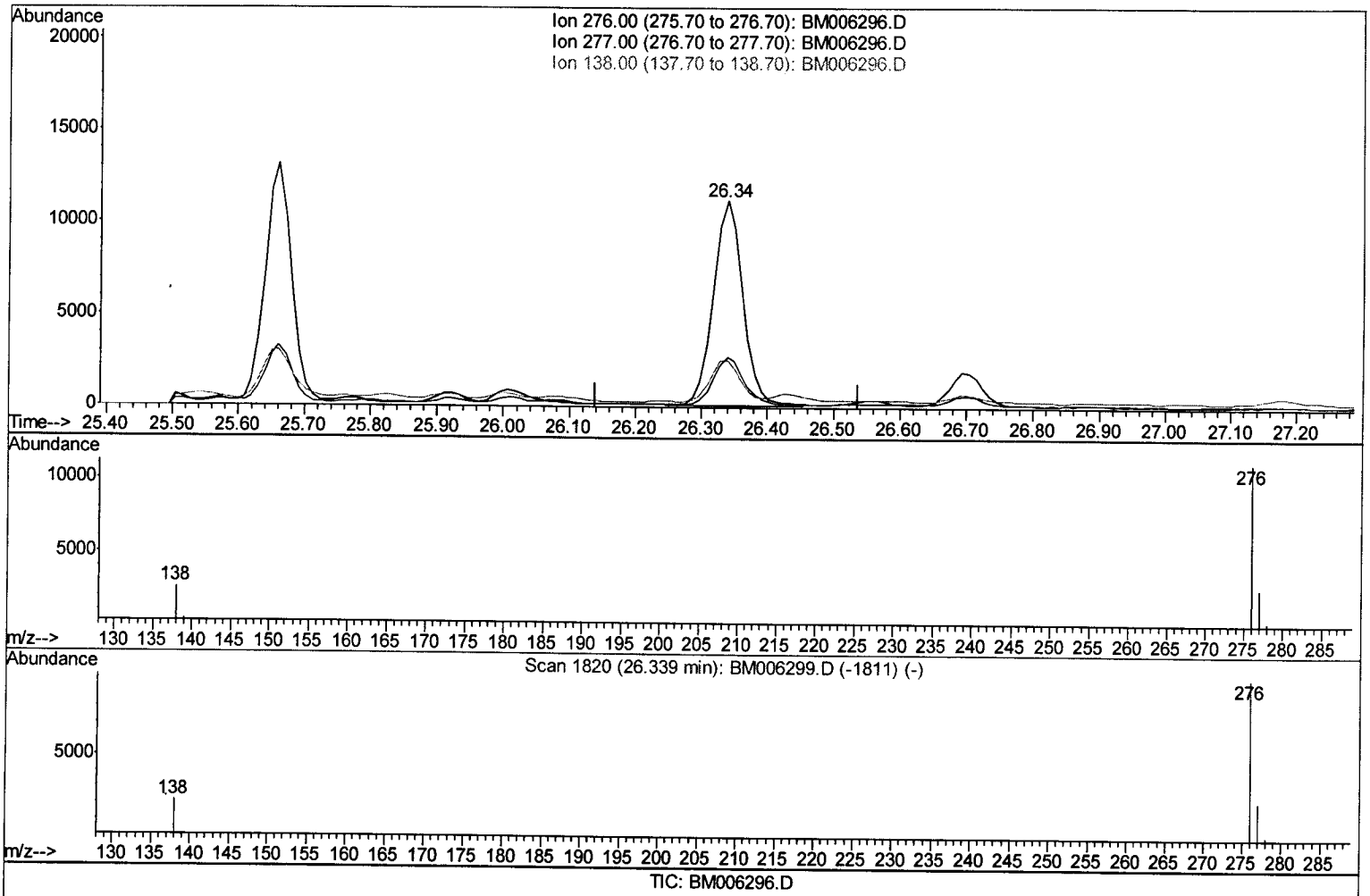

(28) Benzo(g,h,i)perylene

26.339min (0.000) 0.92ng/ul m U.M 07/11/16

response 34691

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	24.28
138.00	28.10	23.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:27:09 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 :
A4TV8

Manual Integrati
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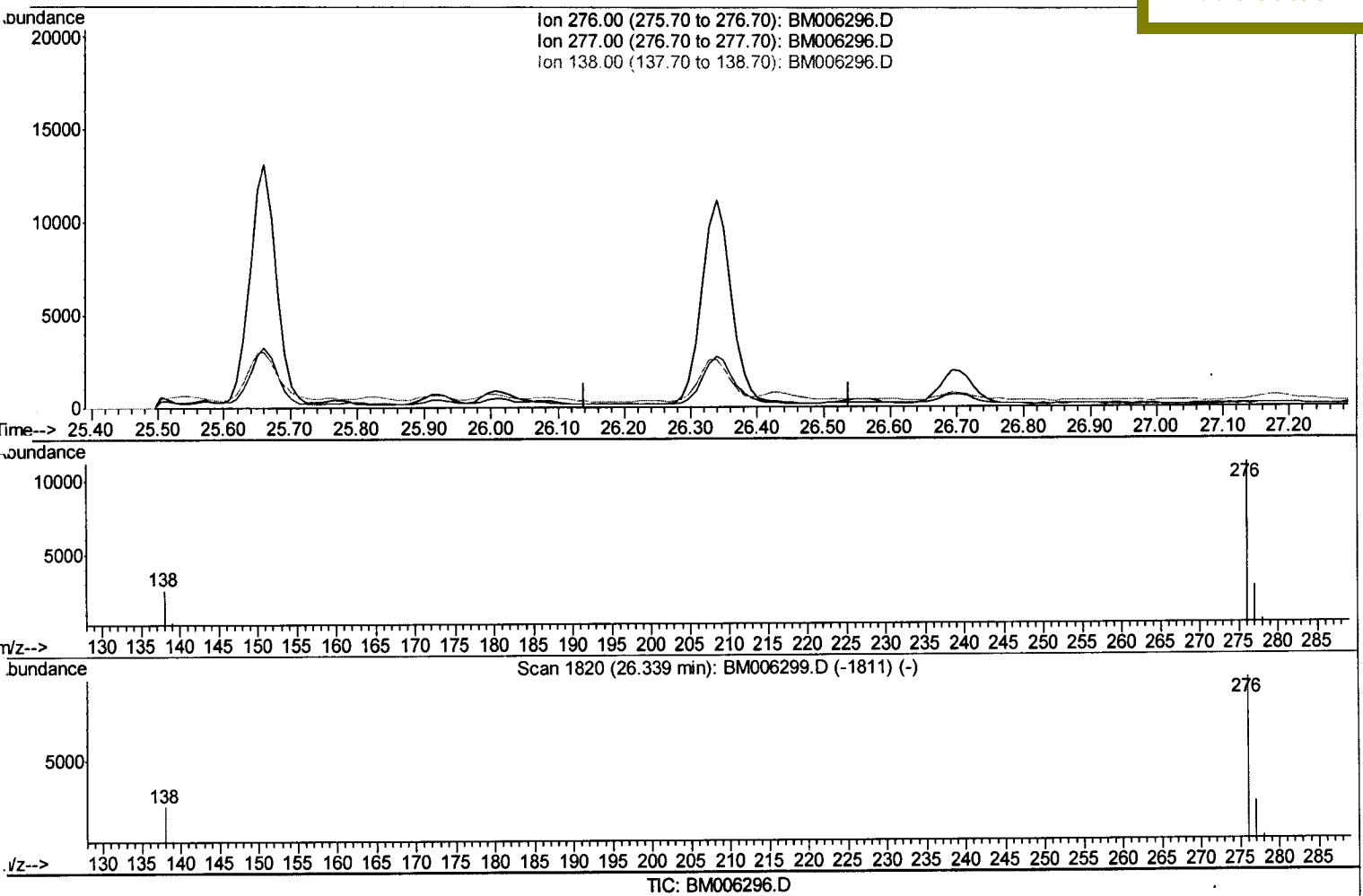

TIC: BM006296.D

(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 : BM006296.D
Acq On : 06 Jul 2016 23:16
Operator : UM/SJ
Sample : H3811-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 07 11:29:24 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 :
A4TV8

Manual Integratio
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4458	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17803	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10183	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	22610m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15479	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12090m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6564	3.48	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	5322	0.26	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	11866	0.25	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.48	128	3384	0.08	ng/ul#	91
7) 2-Methylnaphthalene	12.09	142	1645	0.06	ng/ul	99
9) Acenaphthylene	14.01	152	6639	0.19	ng/ul#	94
10) Acenaphthene	14.35	153	2964	0.09	ng/ul	89
11) Fluorene	15.34	166	4024	0.11	ng/ul#	83
14) Phenanthrene	17.07	178	75311m	1.20	ng/ul	
15) Anthracene	17.16	178	16541	0.29	ng/ul#	93
17) Fluoranthene	19.11	202	140736m	2.04	ng/ul	
19) Pyrene	19.47	202	137192	2.12	ng/ul	96
20) Benzo(a)anthracene	21.22	228	65188	1.30	ng/ul#	93
21) Chrysene	21.27	228	66957	1.36	ng/ul	96
23) Benzo(b)fluoranthene	22.78	252	77964m	1.80	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	19250m	0.48	ng/ul	
25) Benzo(a)pyrene	23.35	252	52780m	1.31	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	35395m	0.79	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	9218m	0.26	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	34691m	0.92	ng/ul	

U.M 07/11/16

U.M 07/11/16

U.M 07/11/16

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