Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:38:48 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 :
A4TW0

Manual Integratio
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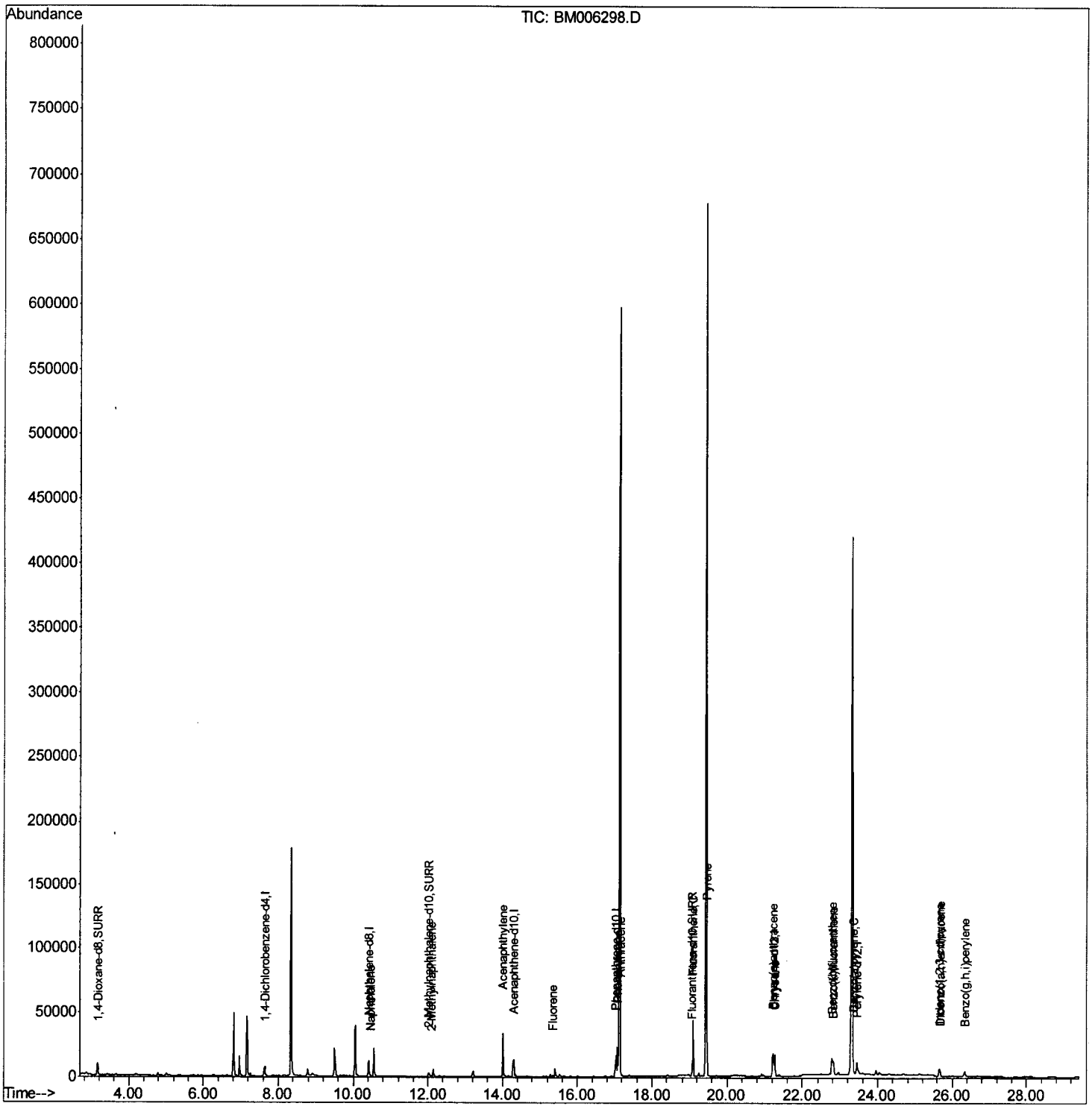

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:35:49 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
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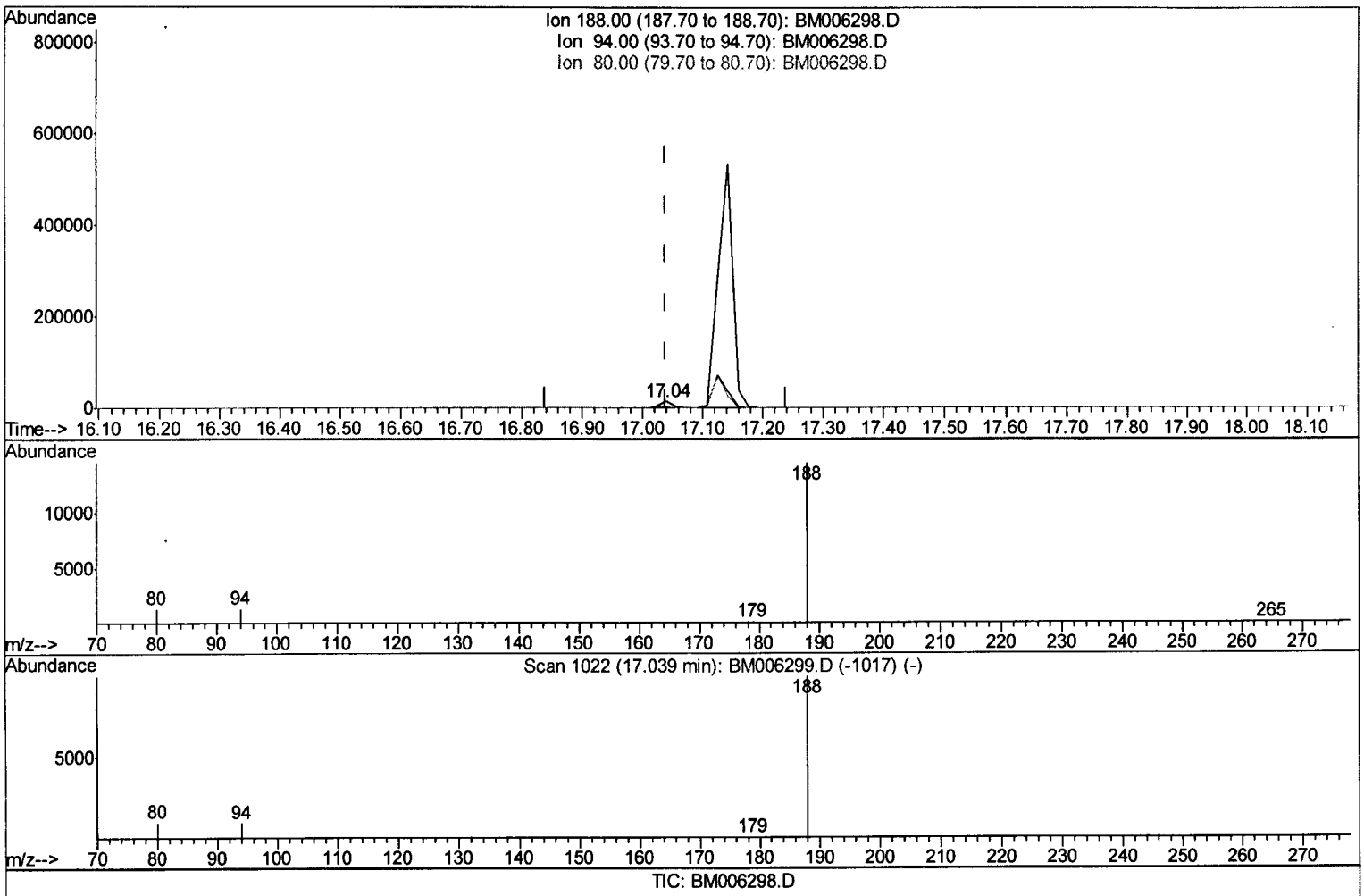

(12) Phenanthrene-d10 (I)

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

response 21200

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.57
80.00	11.90	9.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integratio
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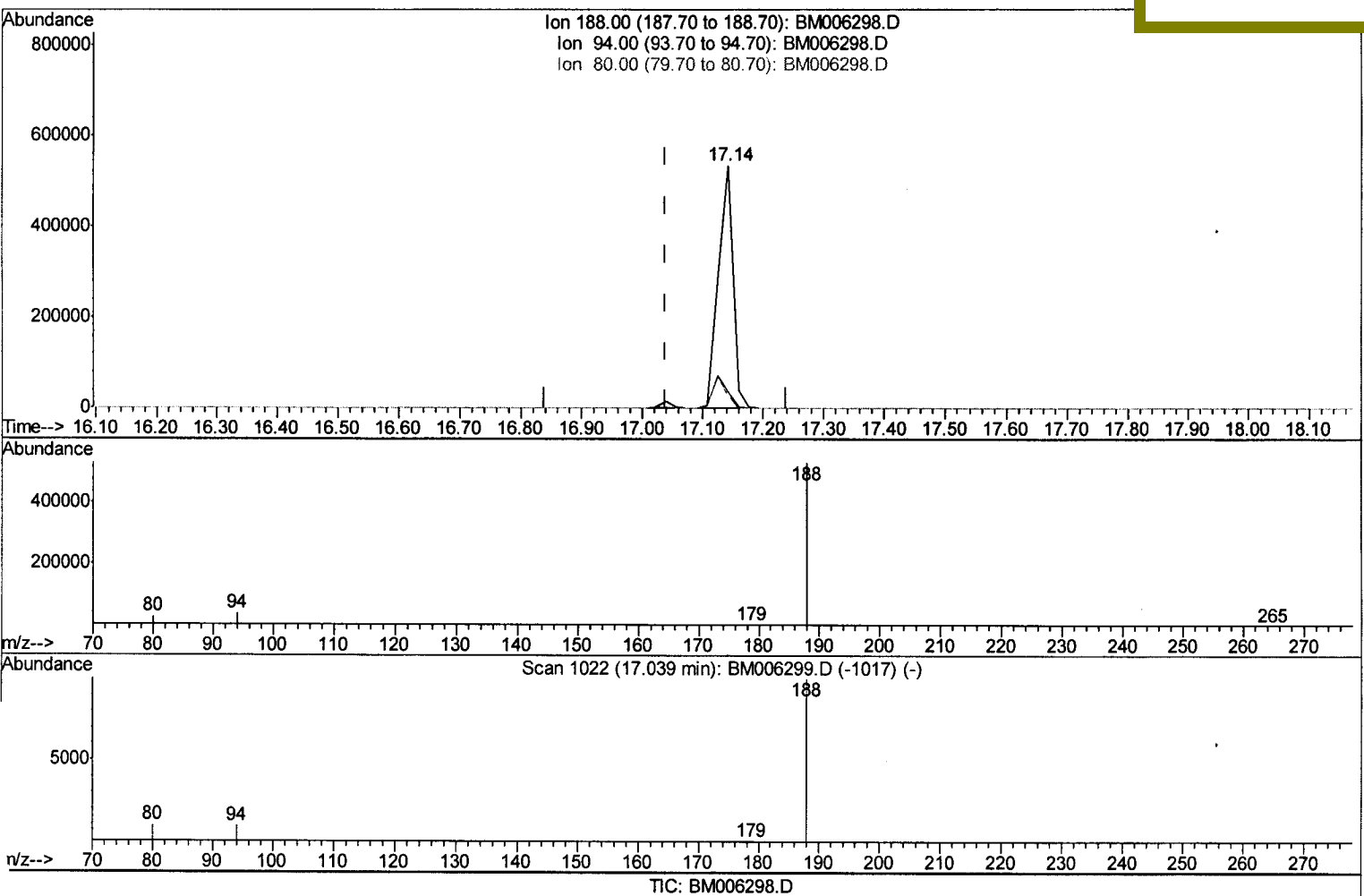

TIC: BM006298.D

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 896695

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	6.87#
80.00	11.90	5.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:36:19 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 :
A4TW0

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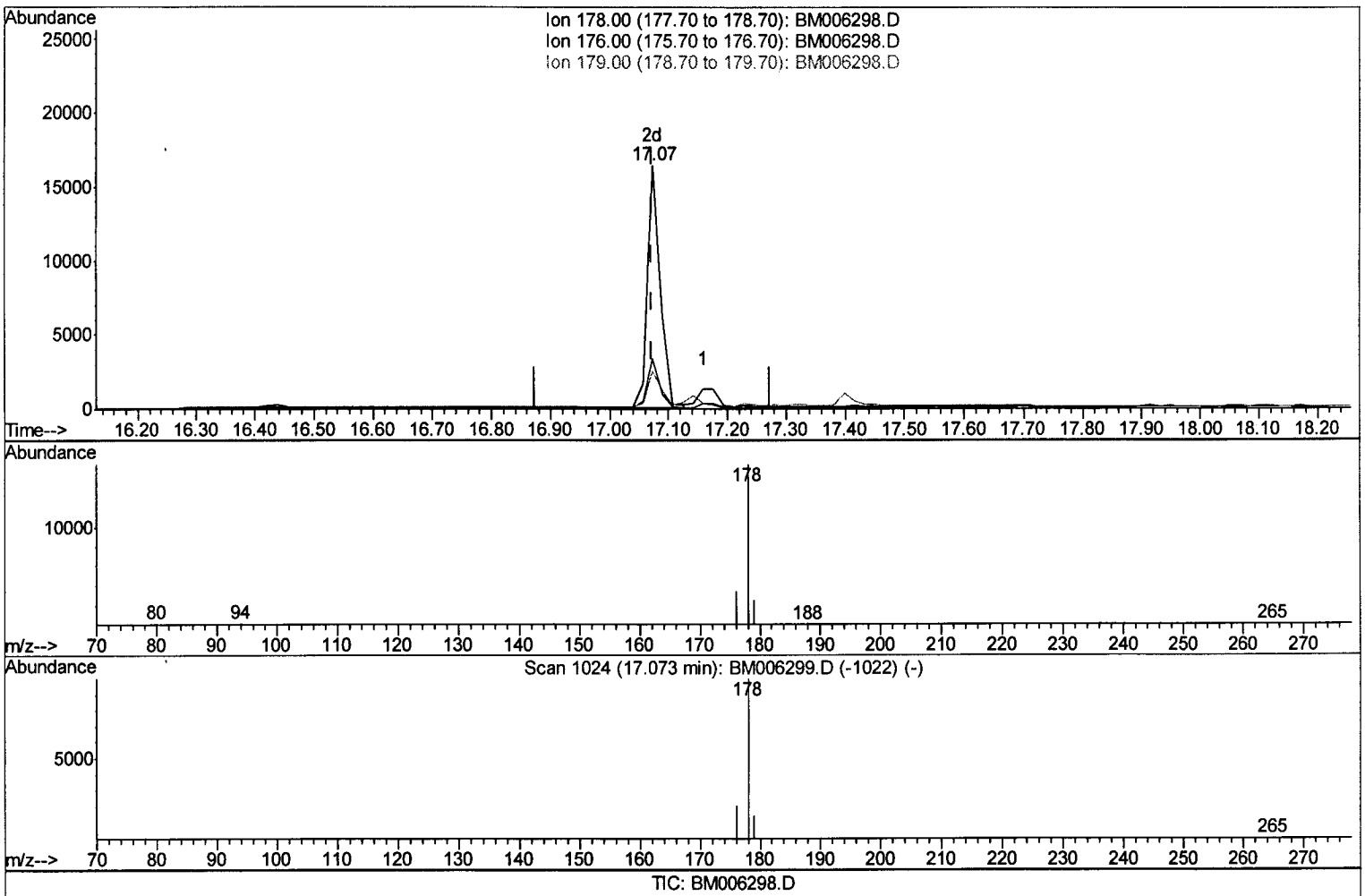

TIC: BM006298.D

(14) Phenanthrene

17.073min (+0.000) 0.43ng/ul m UM 07/11/16

response 25444

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.53#
179.00	17.70	15.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:36:19 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 :
A4TW0

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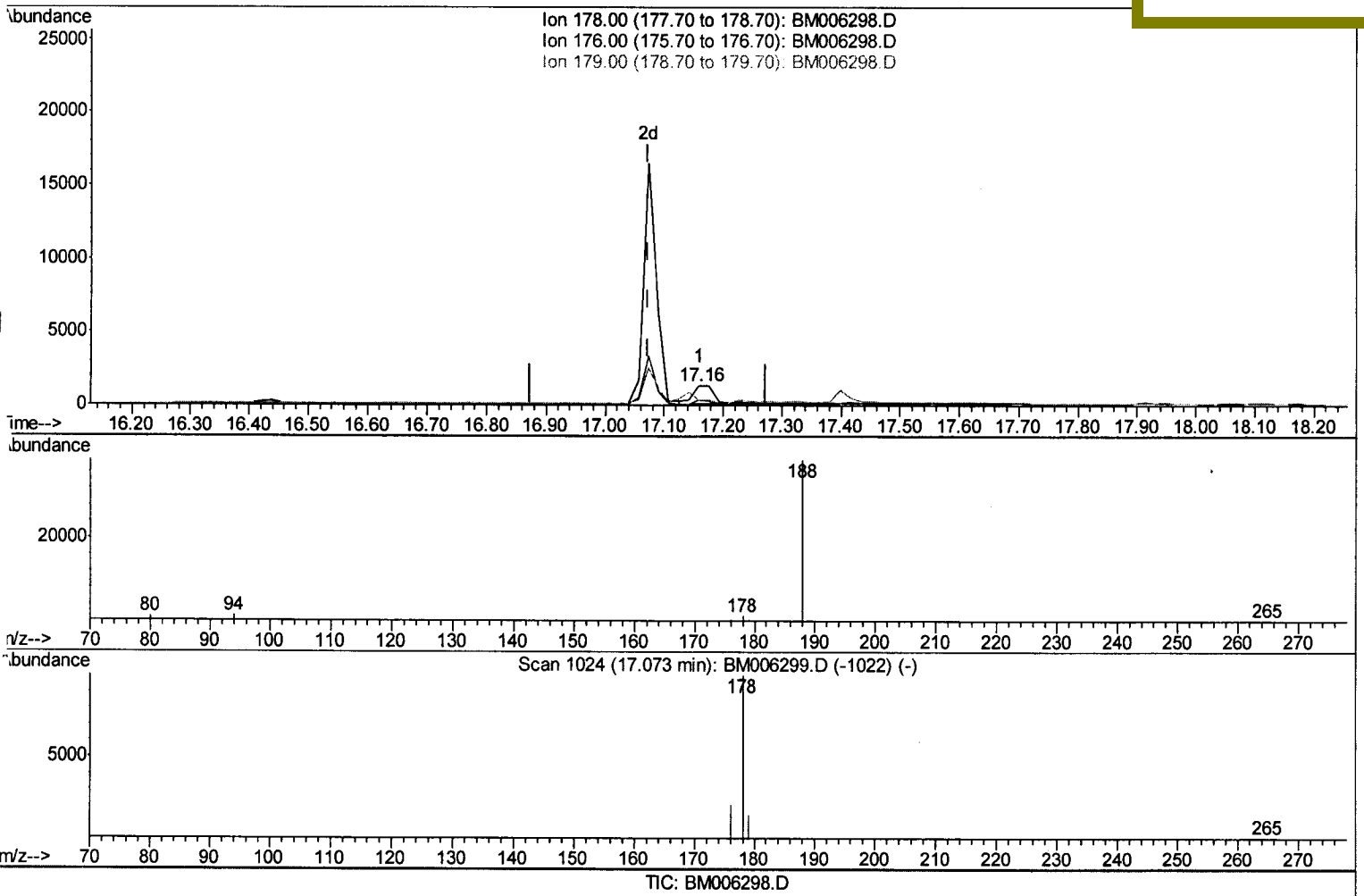

TIC: BM006298.D

(14) Phenanthrene

17.159min (+0.086) 0.05ng/ul

response 3032

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	26.35#
179.00	17.70	29.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:36:19 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 : A4TW0

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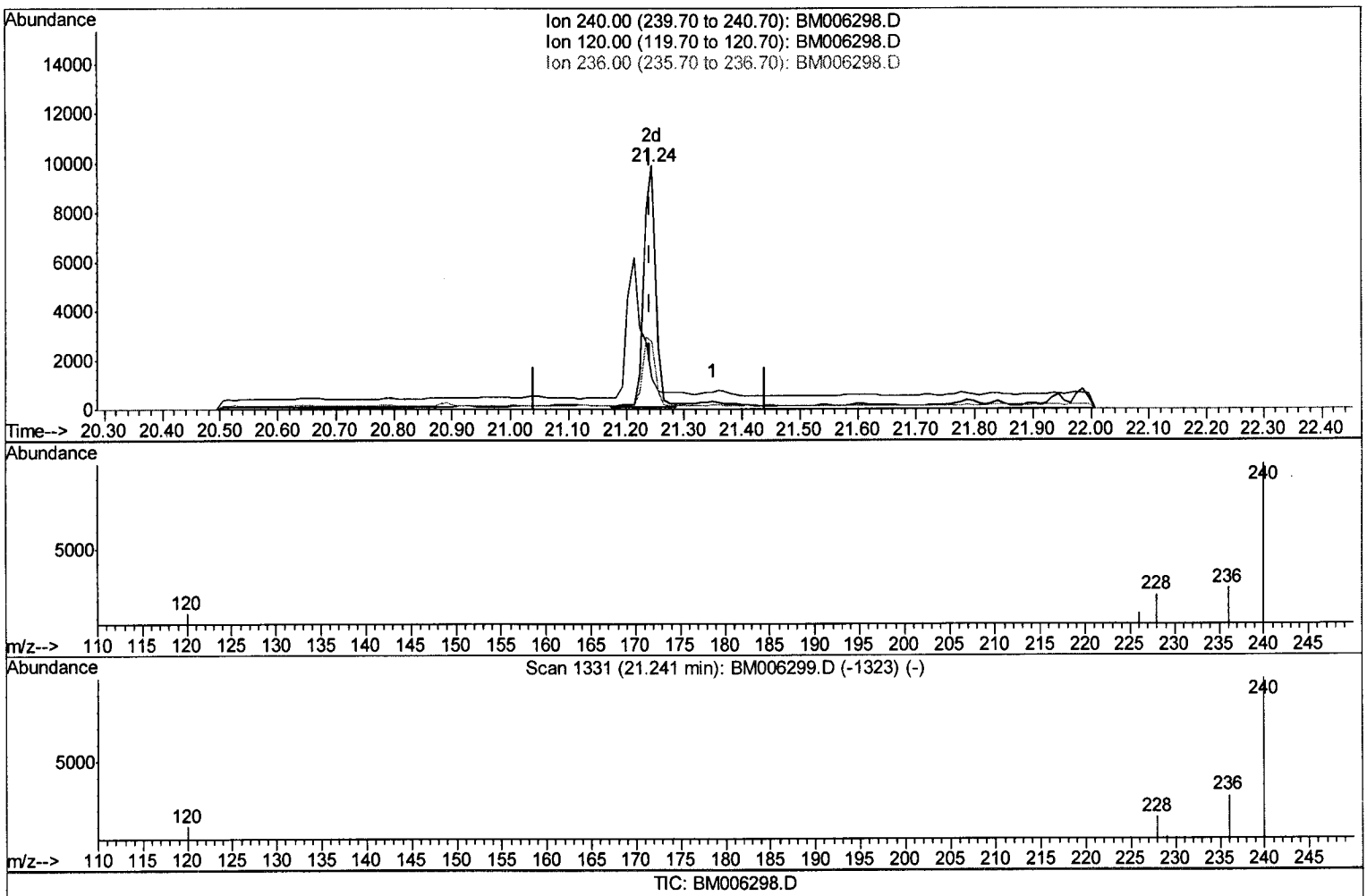

TIC: BM006298.D

(18) Chrysene-d12 (I)

21.245min (+0.003) 0.40ng/ul m U.M 07/11/16

response 13859

Ion	Exp%	Act%
240.00	100	100
120.00	17.20	12.96#
236.00	30.80	27.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:36:19 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 :
A4TW0

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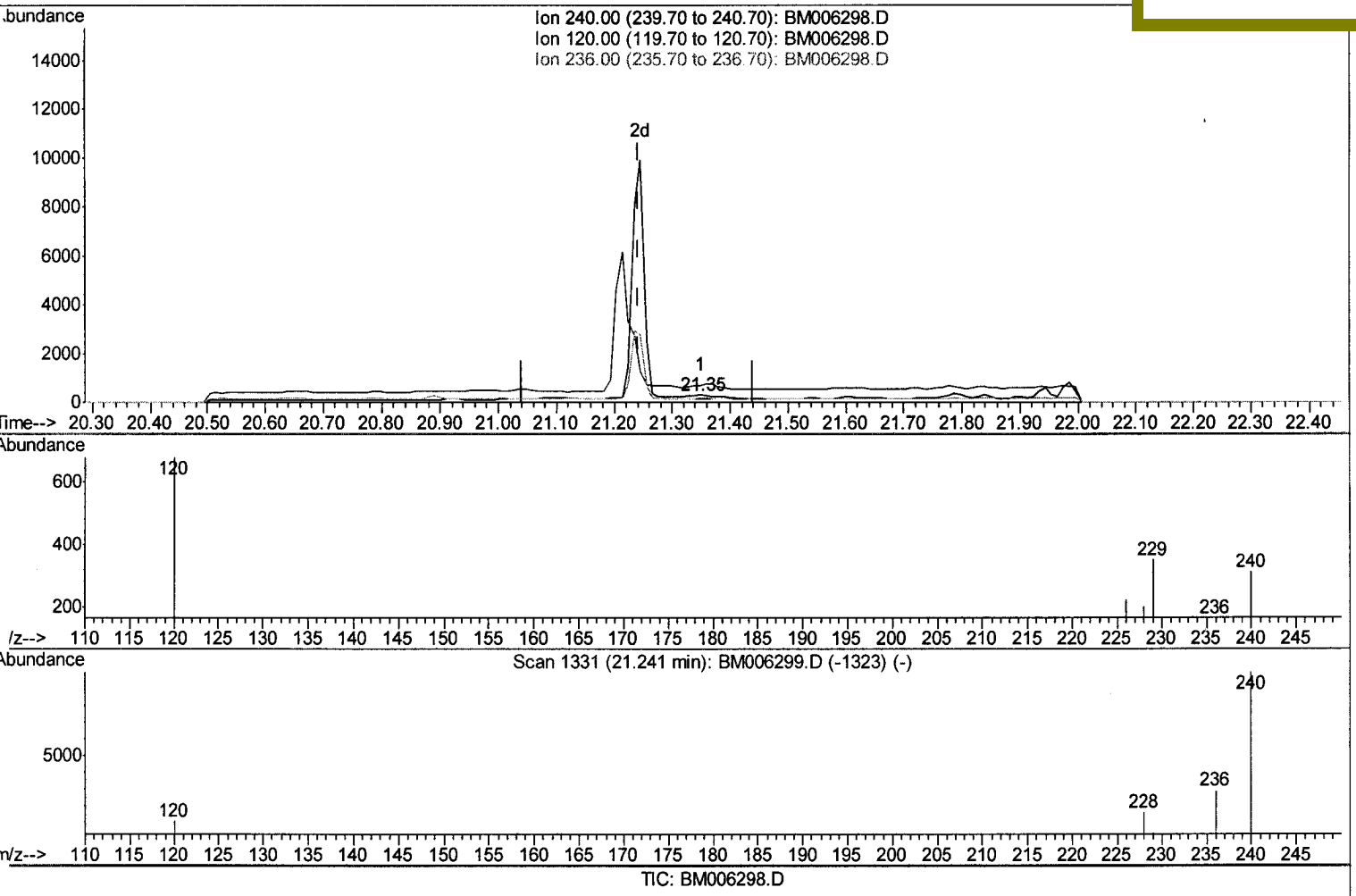

TIC: BM006298.D

(18) Chrysene-d12 (I)

21.349min (+0.108) 0.40ng/ul

response 807

Ion	Exp%	Act%
240.00	100	100
120.00	17.20	217.36#
236.00	30.80	52.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:37:21 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 :
A4TW0

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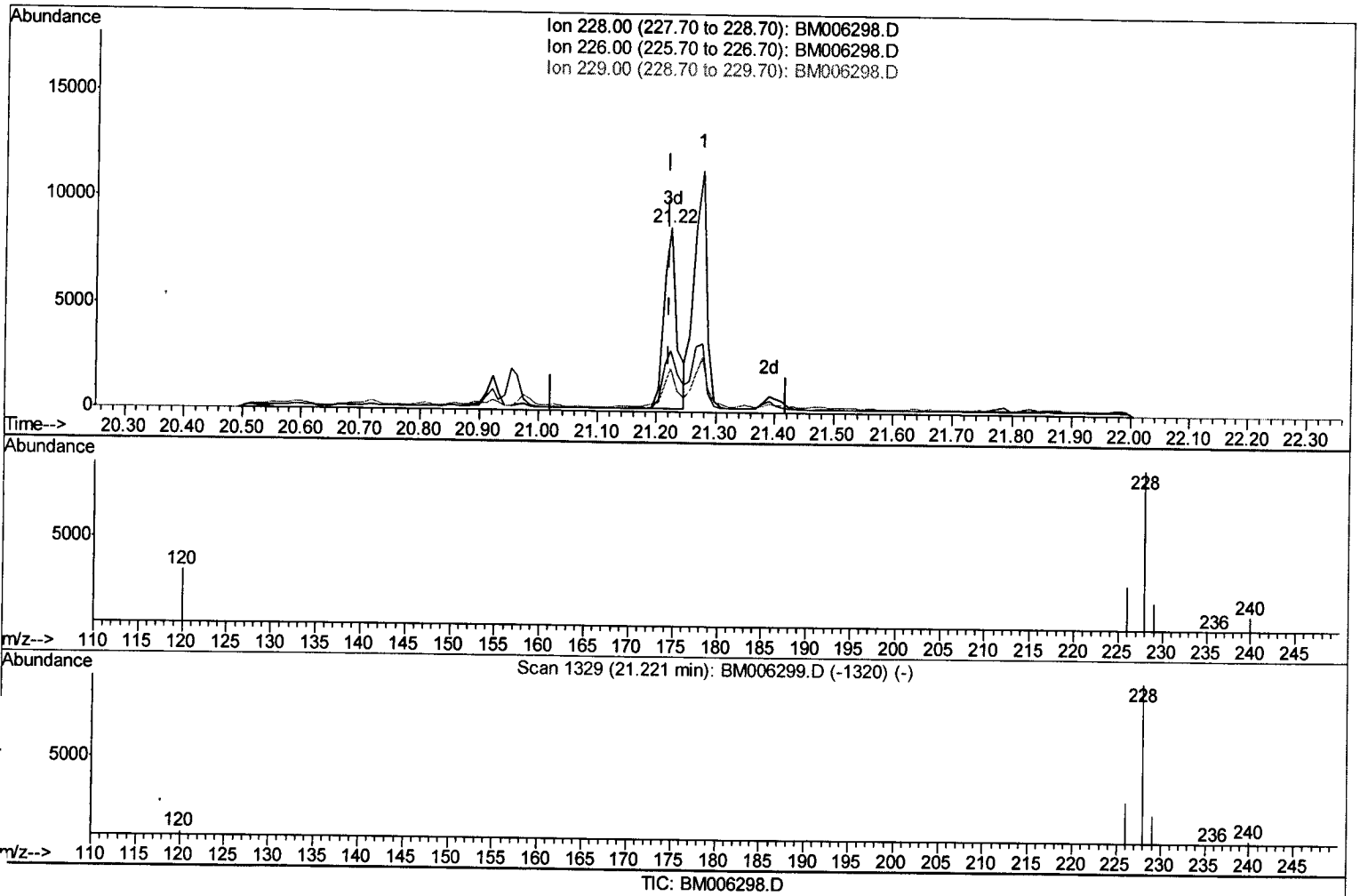

TIC: BM006298.D

(20) Benzo(a)anthracene

21.224min (+0.003) 0.30ng/ul m U.M 07/11/16

response 13239

Ion	Exp%	Act%
228.00	100	100
226.00	23.50	33.08#
229.00	21.40	23.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:37:21 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 :
A4TW0

Manual Integrati
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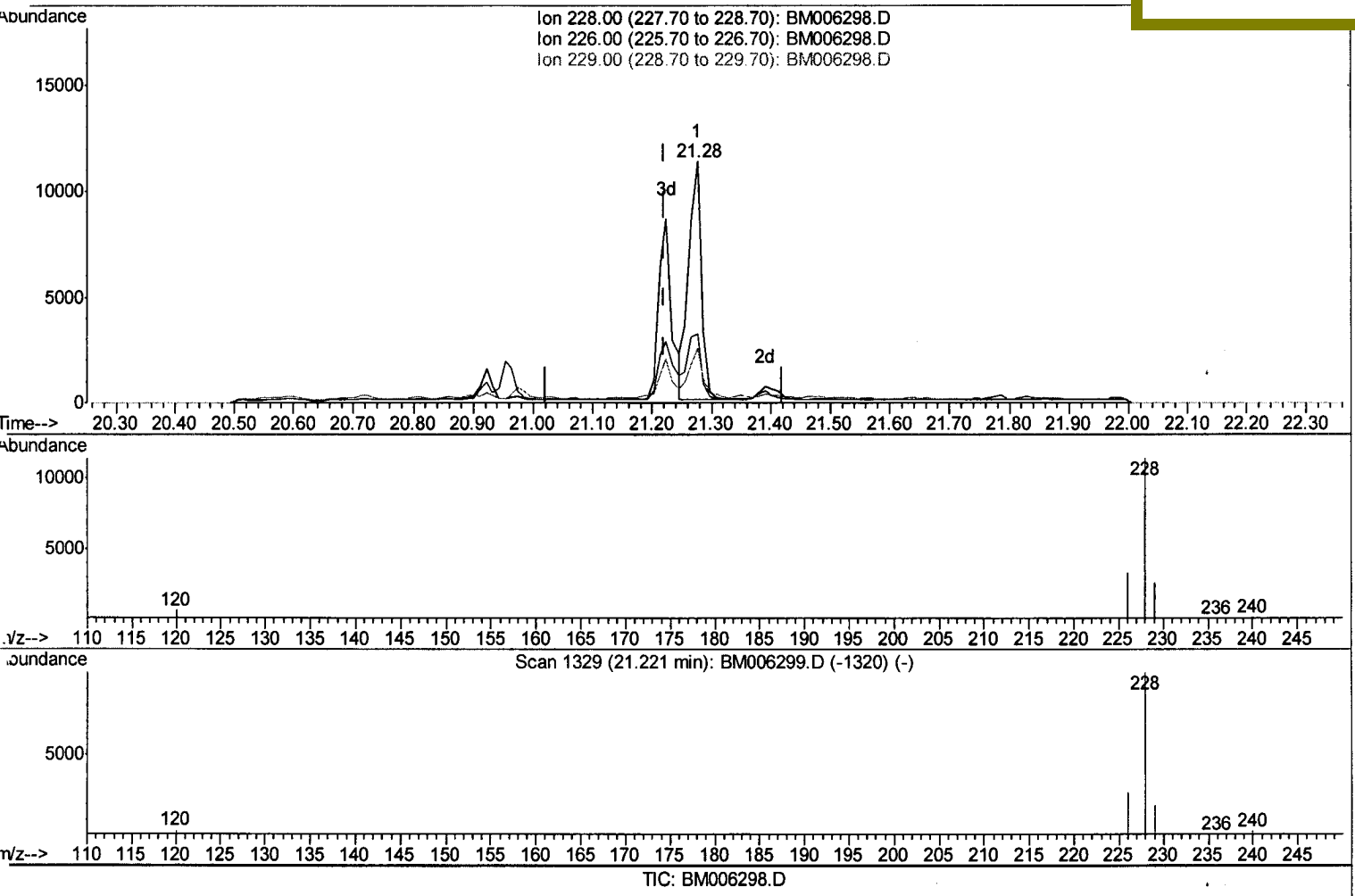

TIC: BM006298.D

(20) Benzo(a)anthracene

21.276min (+0.056) 0.38ng/ul

response 16902

Ion	Exp%	Act%
228.00	100	100
226.00	23.50	28.82#
229.00	21.40	22.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:37:21 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 :
A4TW0

Manual Integratio
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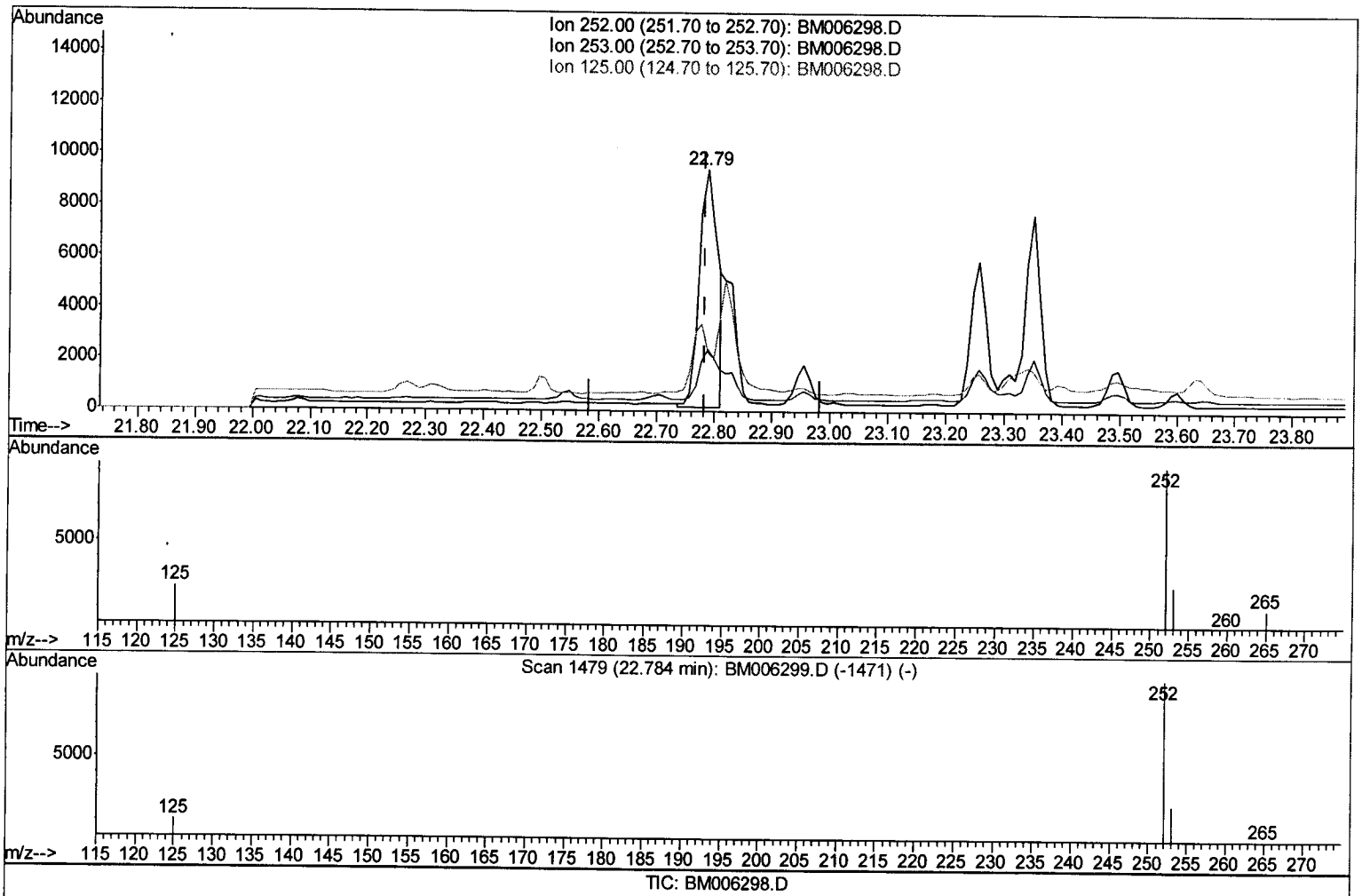

TIC: BM006298.D

(23) Benzo(b)fluoranthene

22.788min (+0.003) 0.42ng/ul m U.M 07/11/16

response 20701

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.12
125.00	14.40	24.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:37:21 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 :
A4TW0

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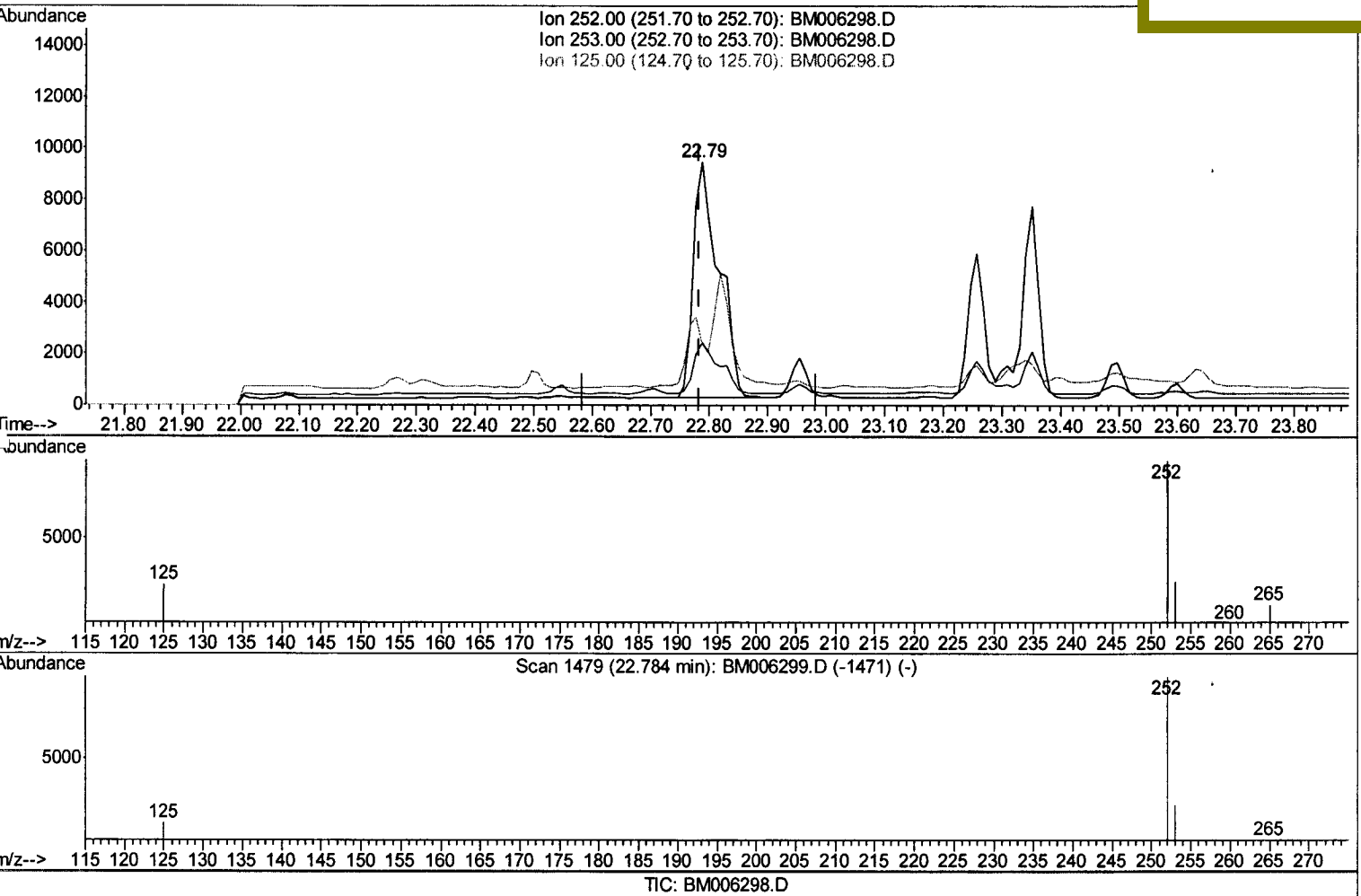

TIC: BM006298.D

(23) Benzo(b)fluoranthene

22.788min (+0.003) 0.57ng/ul

response 27963

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.12
125.00	14.40	24.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:37:21 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 :
A4TW0

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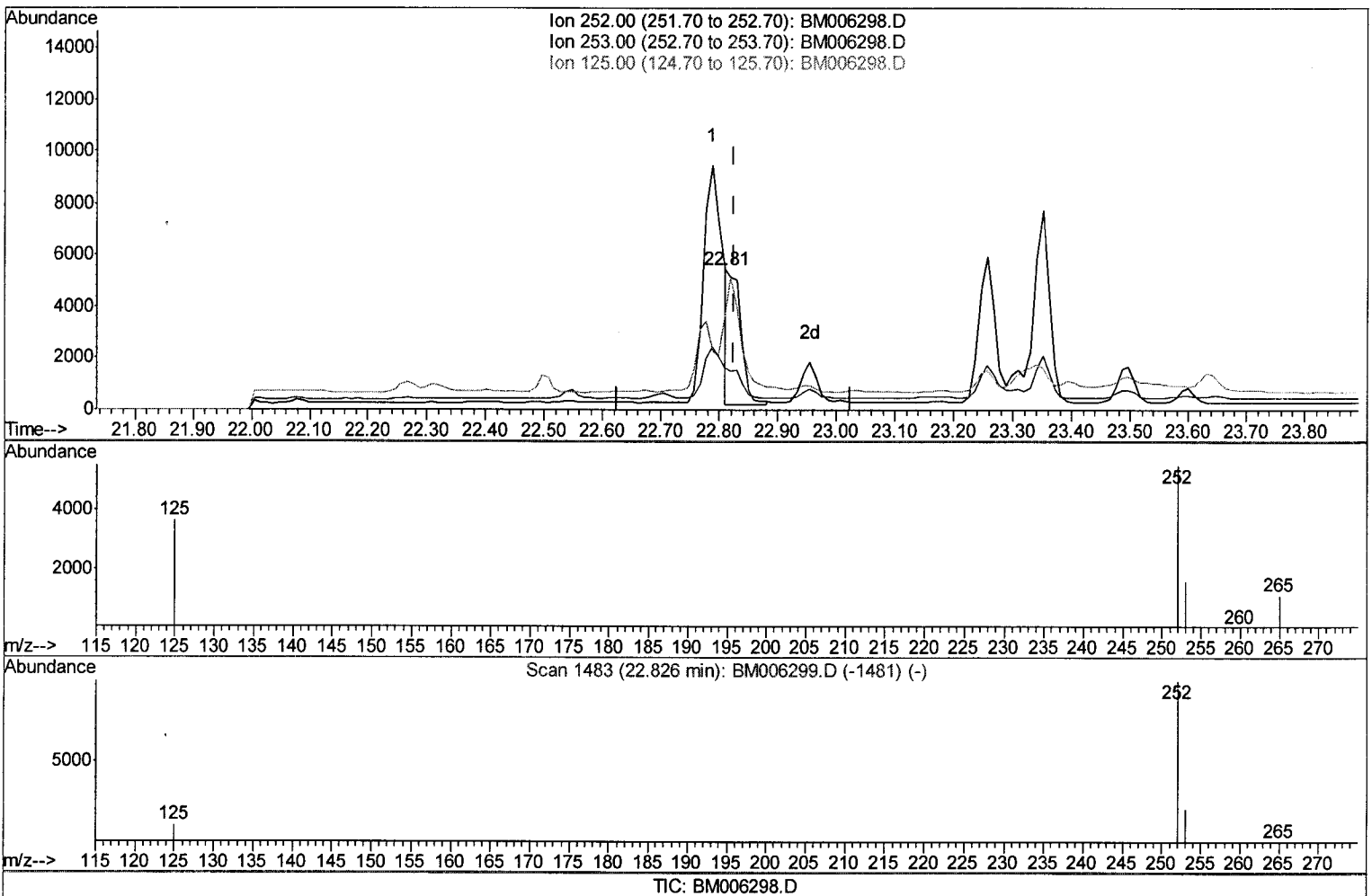

TIC: BM006298.D

(24) Benzo(k)fluoranthene

22.808min (-0.017) 0.18ng/ul m U.M 07/11/16

response 8179

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	29.84#
125.00	13.00	66.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 11:37:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
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QLast Update : Thu Jul 07 05:51:09 2016
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ClientSampleId :
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Manual Integratio
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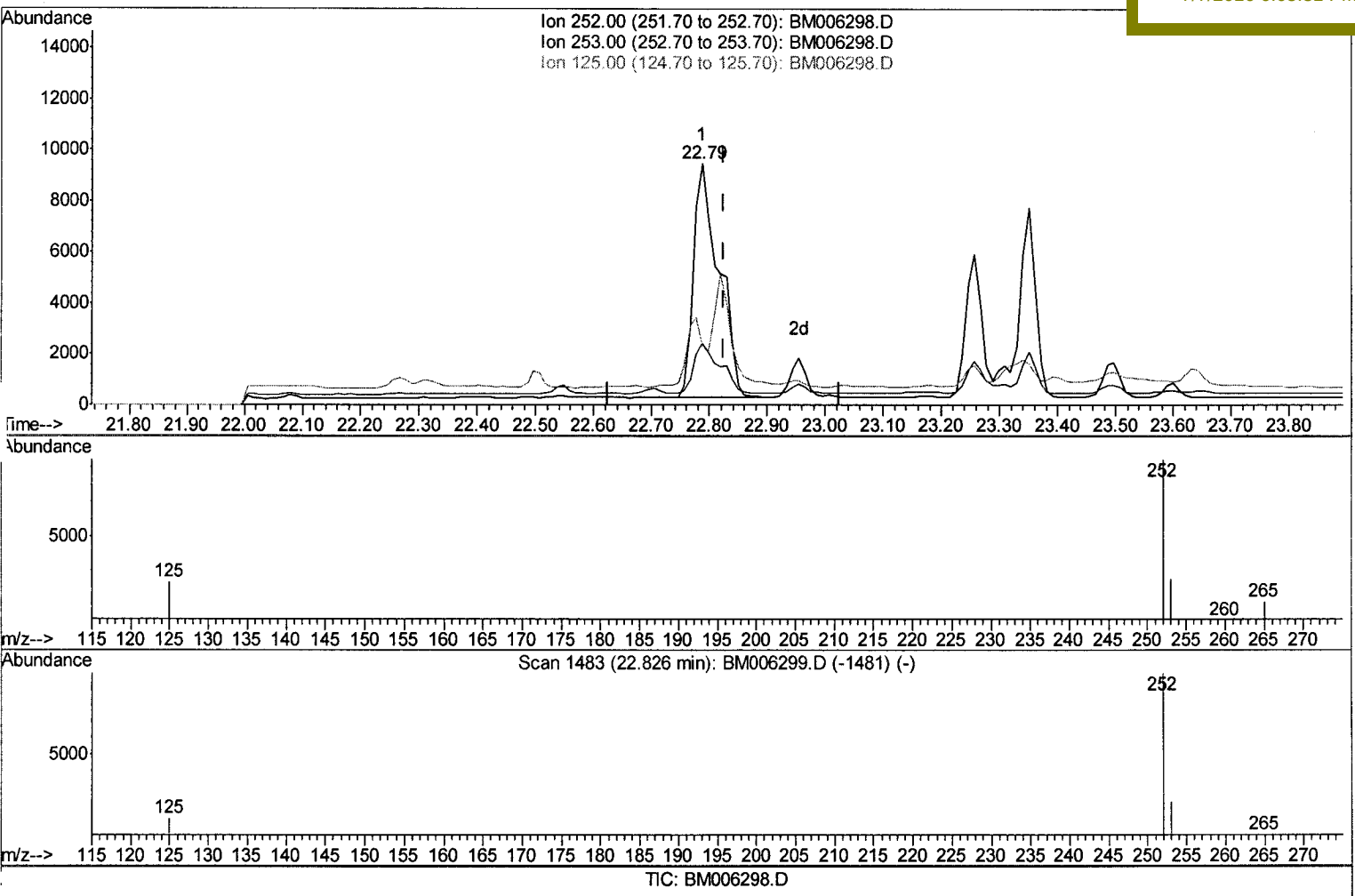

TIC: BM006298.D

(24) Benzo(k)fluoranthene

22.788min (-0.038) 0.62ng/ul

response 27963

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.12
125.00	13.00	24.52#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006298.D
Acq On : 07 Jul 2016 00:28
Operator : UM/SJ
Sample : H3811-12
Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4690	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18532	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10453	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	21200m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	13859m	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	13636	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7071	3.57	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	5658	0.26	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	10417	0.23	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.48	128	1190	0.03	ng/ul#	77
7) 2-Methylnaphthalene	12.09	142	588	0.02	ng/ul	100
9) Acenaphthylene	14.01	152	2722	0.08	ng/ul#	94
11) Fluorene	15.34	166	1111	0.03	ng/ul#	76
14) Phenanthrene	17.07	178	25444m	0.43	ng/ul	
15) Anthracene	17.16	178	2970	0.05	ng/ul#	74
17) Fluoranthene	19.10	202	44161	0.68	ng/ul	95
19) Pyrene	19.46	202	40527	0.70	ng/ul	96
20) Benzo(a)anthracene	21.22	228	13239m	0.30	ng/ul	
21) Chrysene	21.28	228	16758	0.38	ng/ul	96
23) Benzo(b)fluoranthene	22.79	252	20701m	0.42	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	8179m	0.18	ng/ul	
25) Benzo(a)pyrene	23.35	252	15285	0.34	ng/ul#	91
26) Indeno(1,2,3-cd)pyrene	25.66	276	10956	0.22	ng/ul#	87
27) Dibenzo(a,h)anthracene	25.68	278	2756	0.07	ng/ul#	35
28) Benzo(g,h,i)perylene	26.34	276	9865	0.23	ng/ul	97

U.M 07/11/16

U.M 07/11/16

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