Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:10:42 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 :
A4TV6

Manual Integratio

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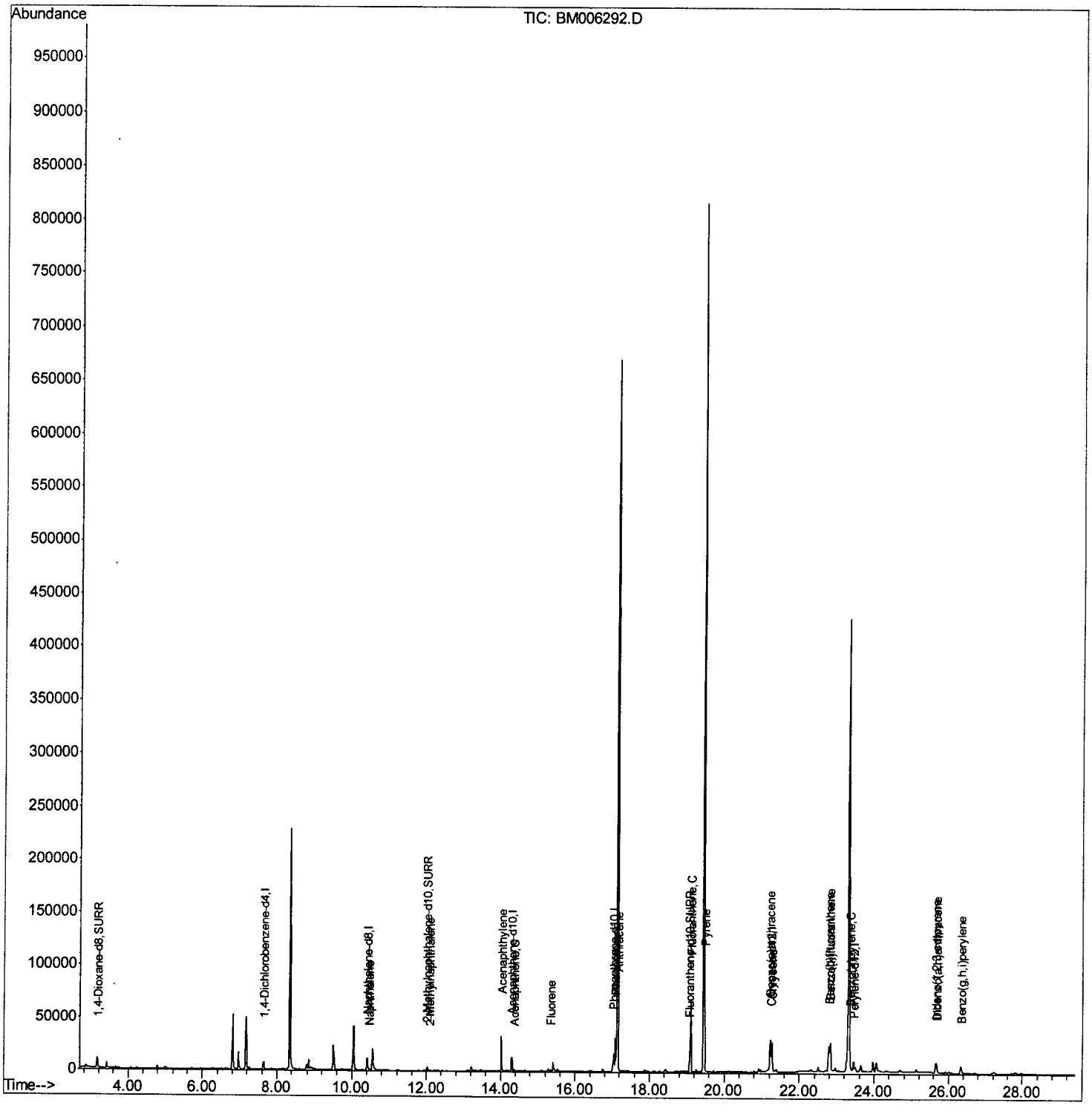

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:07:36 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 :
A4TV6

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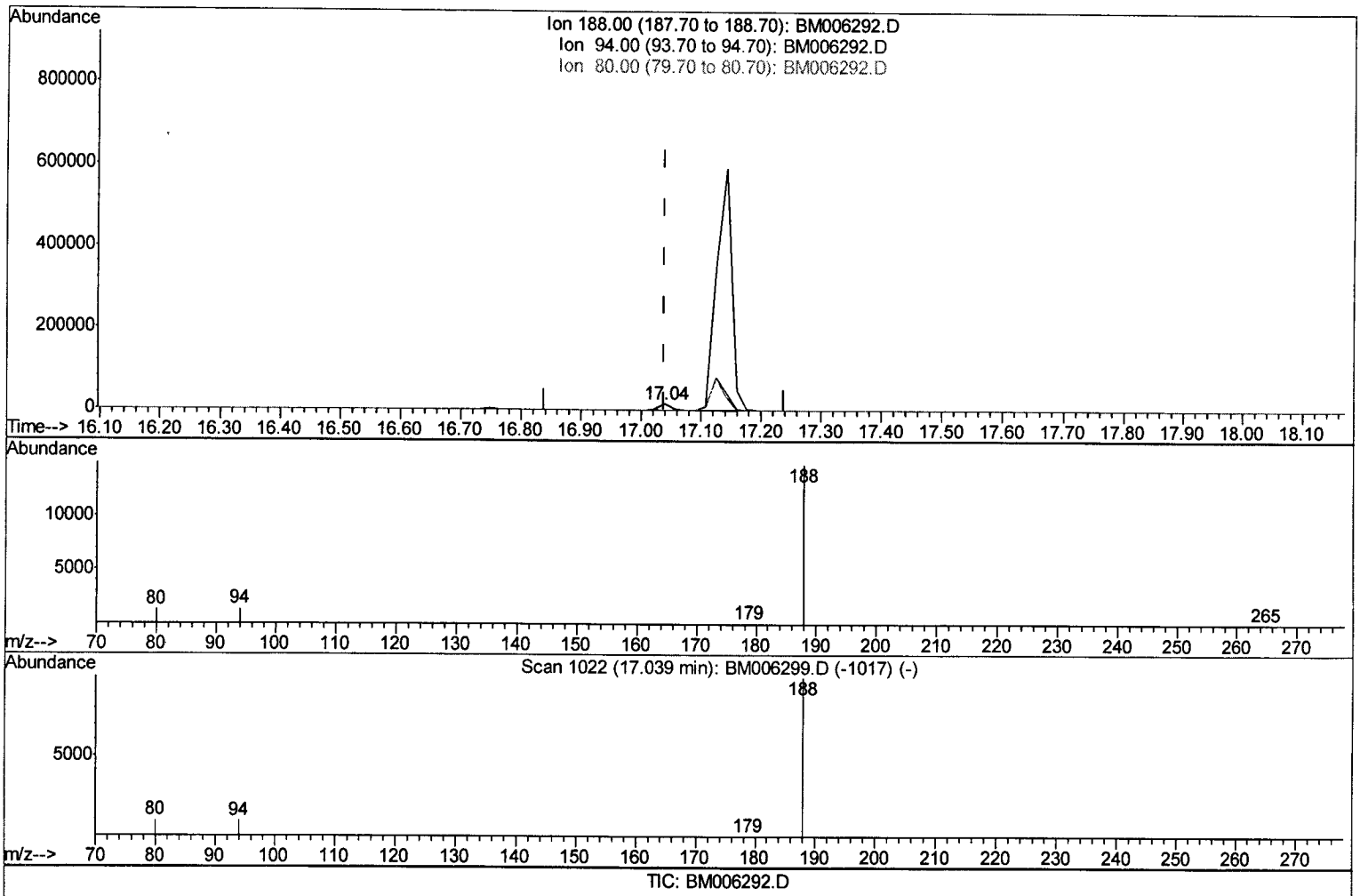

(12) Phenanthrene-d10 (I)

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

response 22074

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.45
80.00	11.90	9.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:07:36 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 :
A4TV6

Manual Integrati

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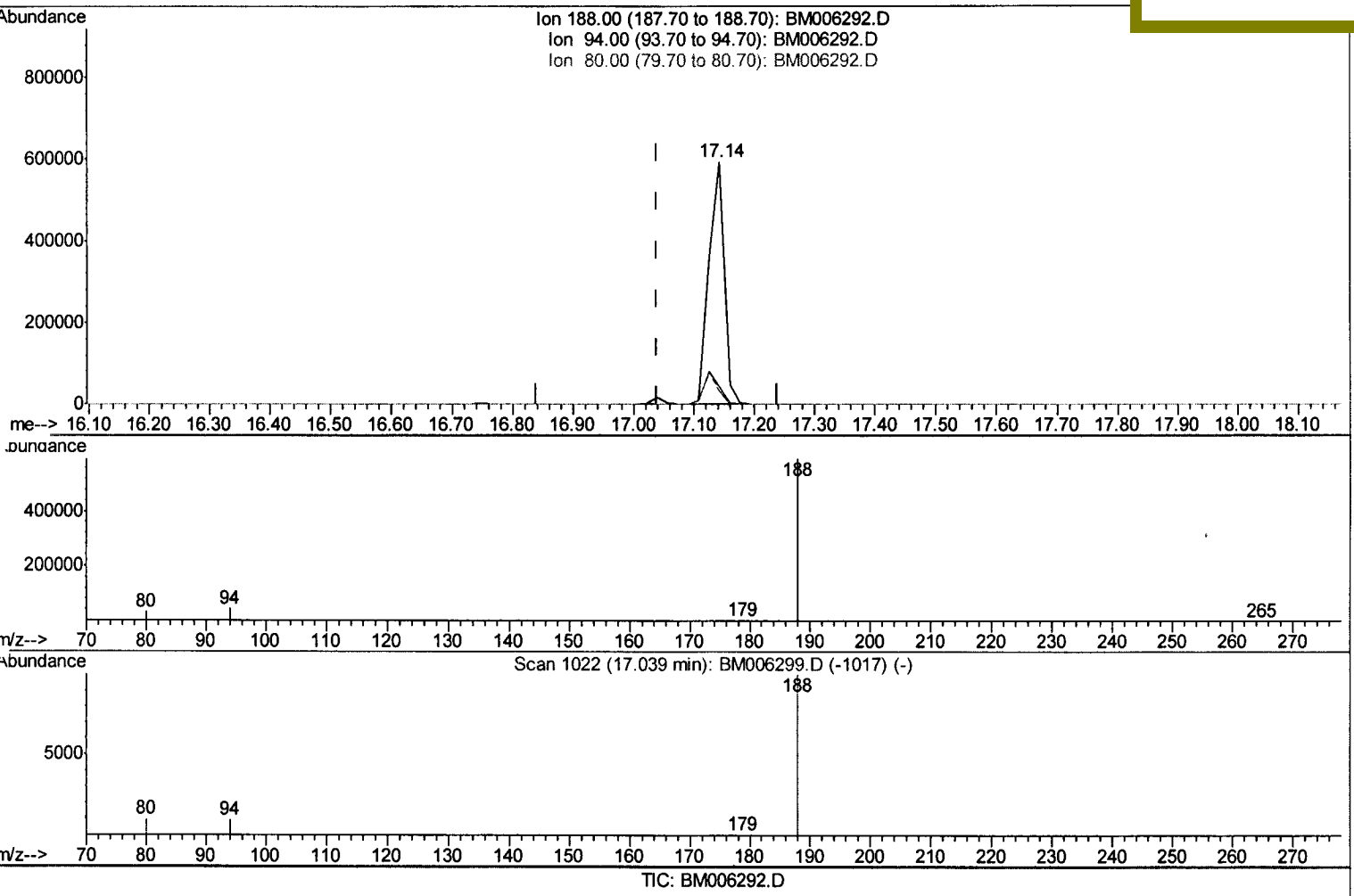

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 1037935

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.38#
80.00	11.90	5.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:08:18 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 :
A4TV6

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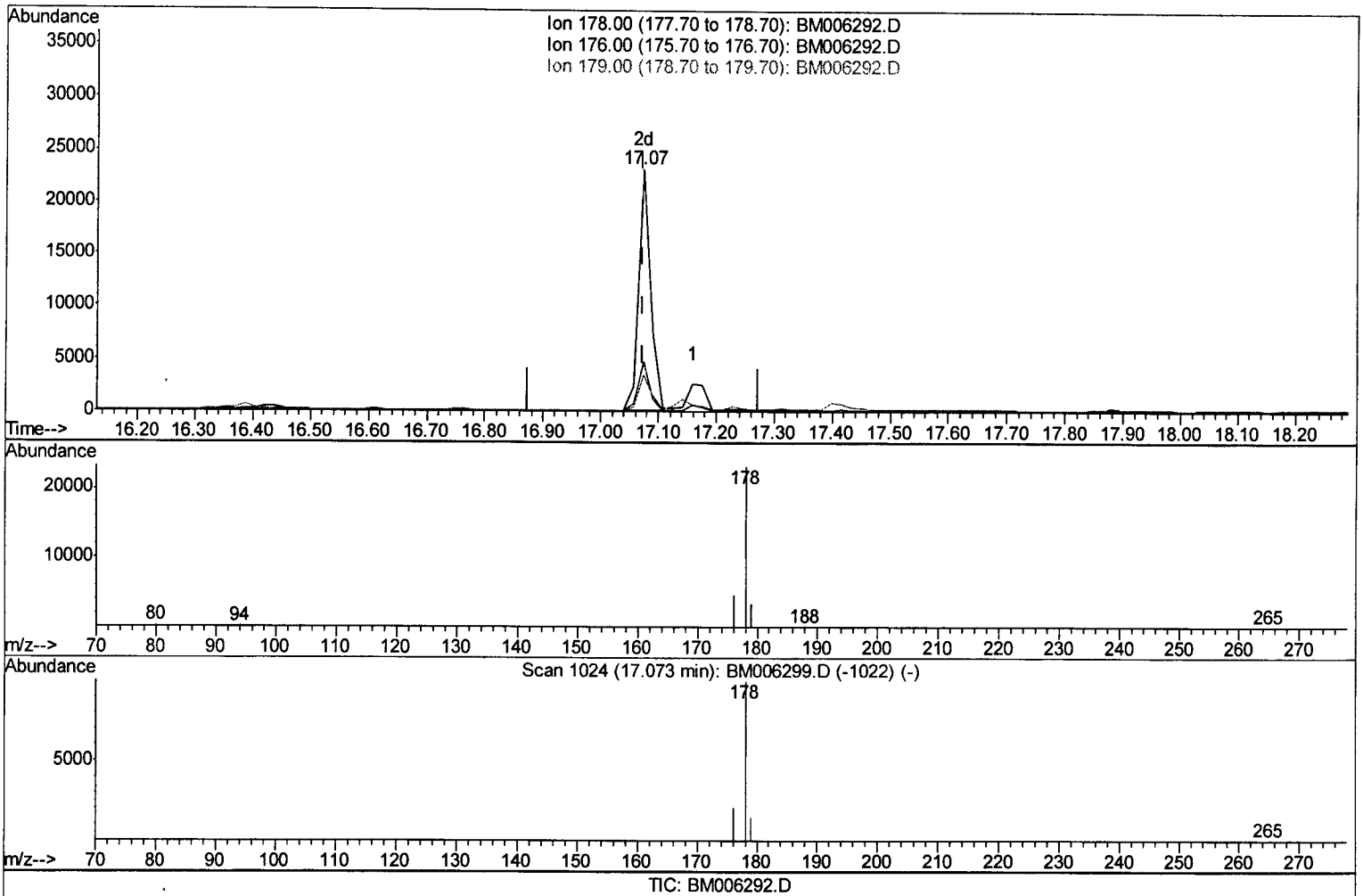

TIC: BM006292.D

(14) Phenanthrene

17.073min (+0.000) 0.56ng/ul m U M 07/11/16

response 34429

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.25#
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 : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:08:18 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 :
A4TV6

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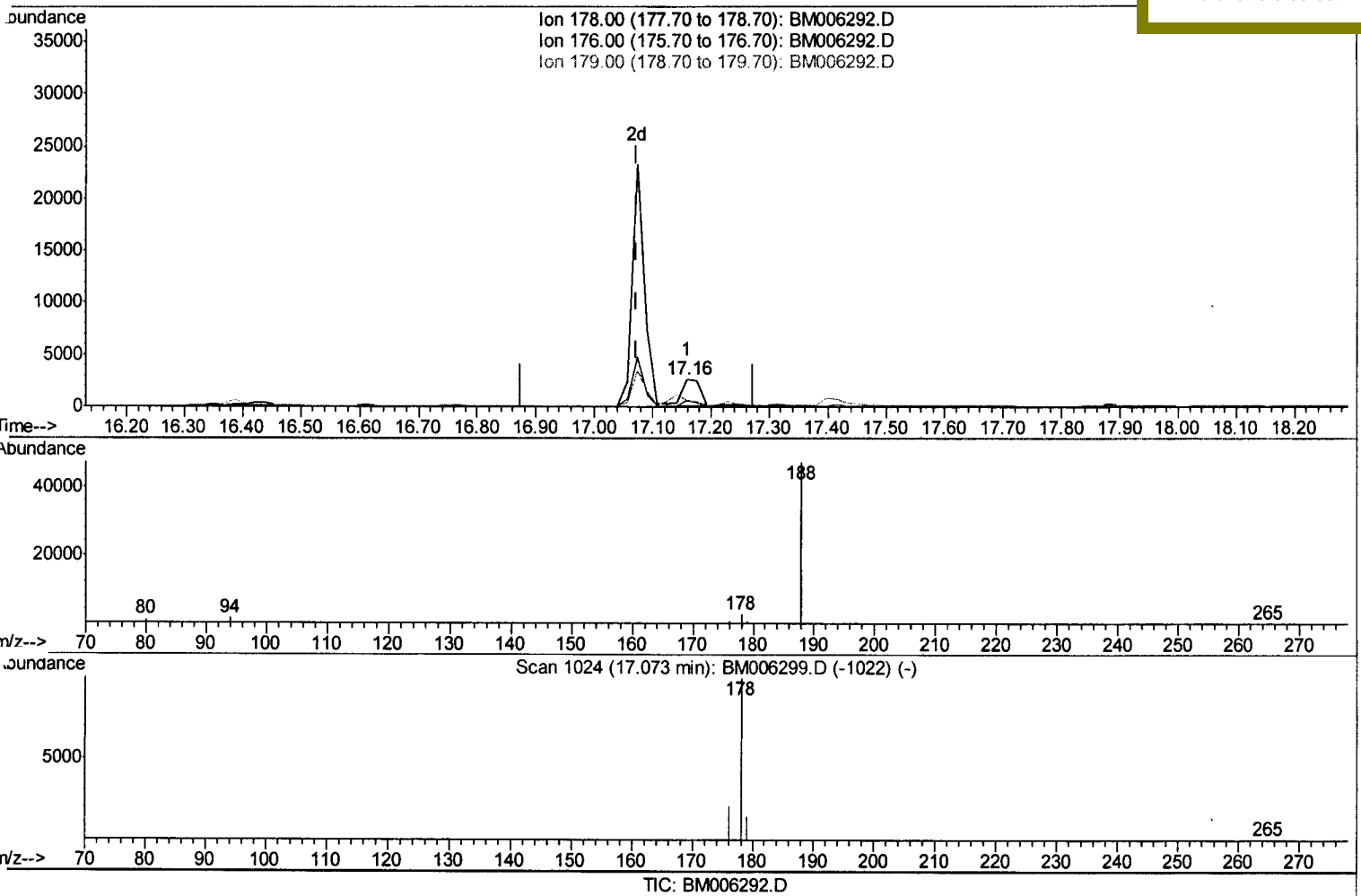

TIC: BM006292.D

(14) Phenanthrene

17.159min (+0.086) 0.09ng/ul

response 5754

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	24.00#
179.00	17.70	22.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:08:18 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 :
A4TV6

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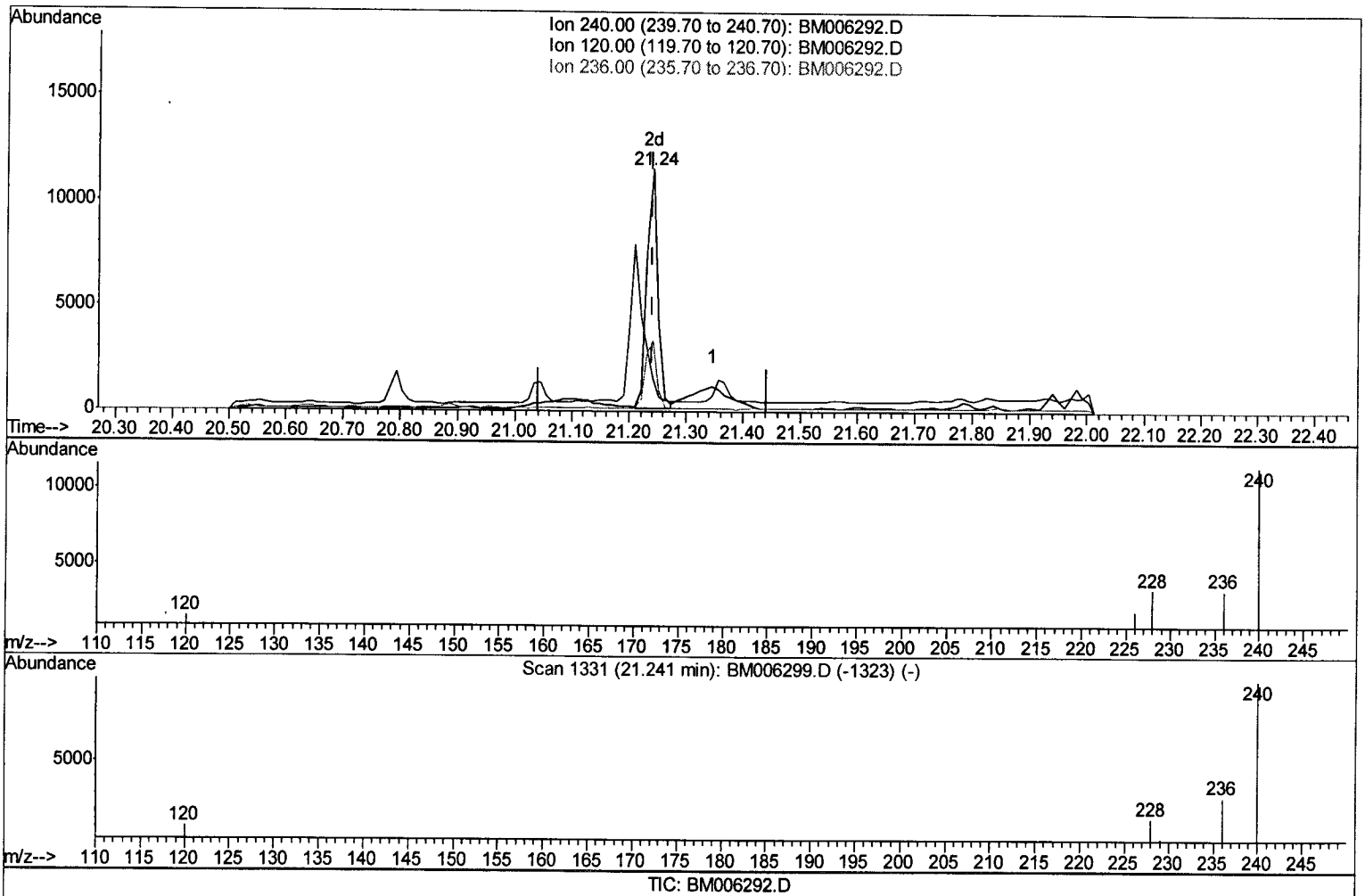

TIC: BM006292.D

(18) Chrysene-d12 (I)

21.242min (+0.000) 0.40ng/ul m U.M 07/11/16

response 15079

Ion	Exp%	Act%
240.00	100	100
120.00	17.20	13.75#
236.00	30.80	29.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:08:18 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 :
A4TV6

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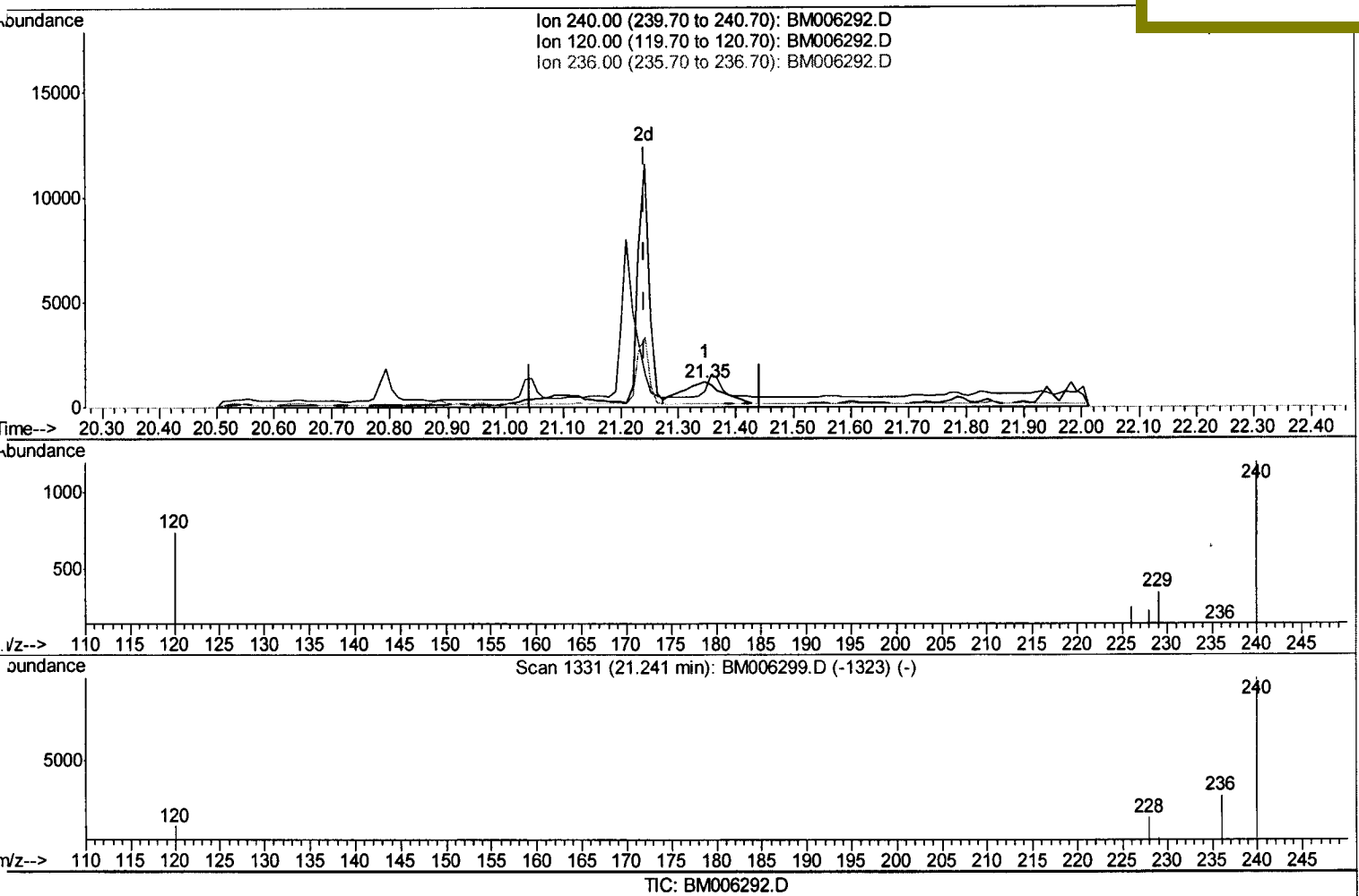

TIC: BM006292.D

(18) Chrysene-d12 (I)

21.346min (+0.104) 0.40ng/ul

response 5143

Ion	Exp%	Act%
240.00	100	100
120.00	17.20	62.03#
236.00	30.80	12.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:09:19 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 :
A4TV6

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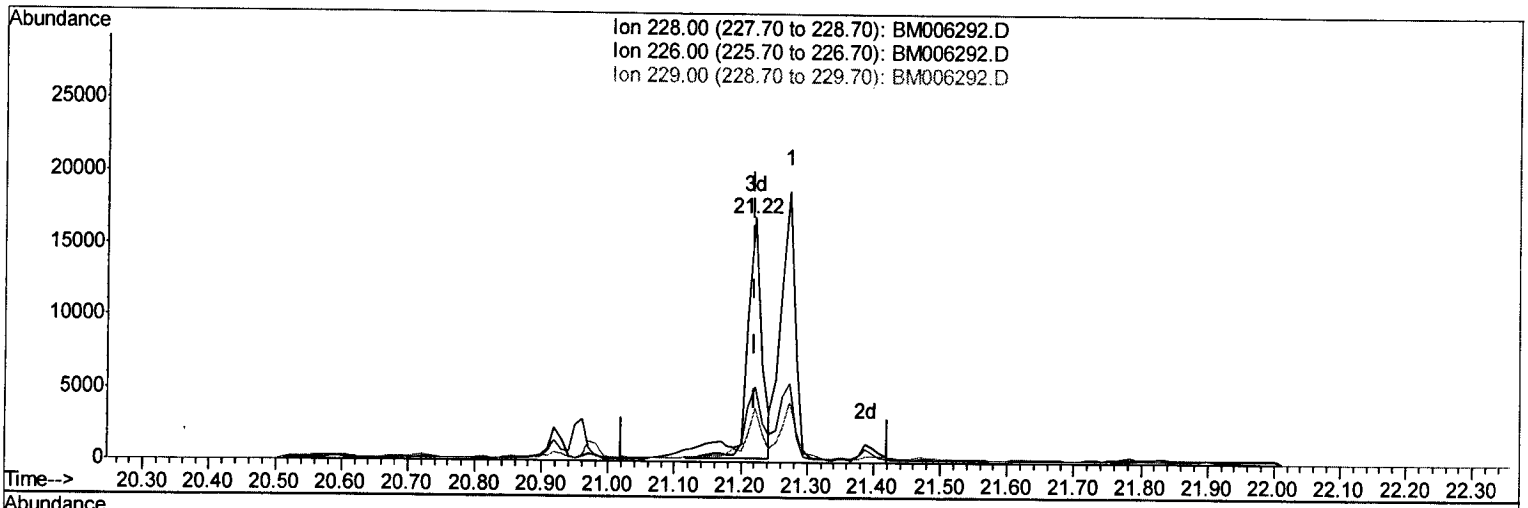

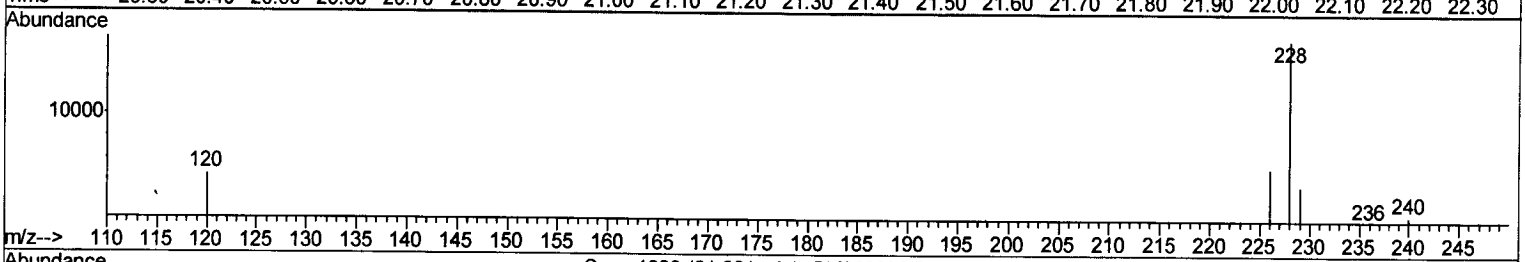

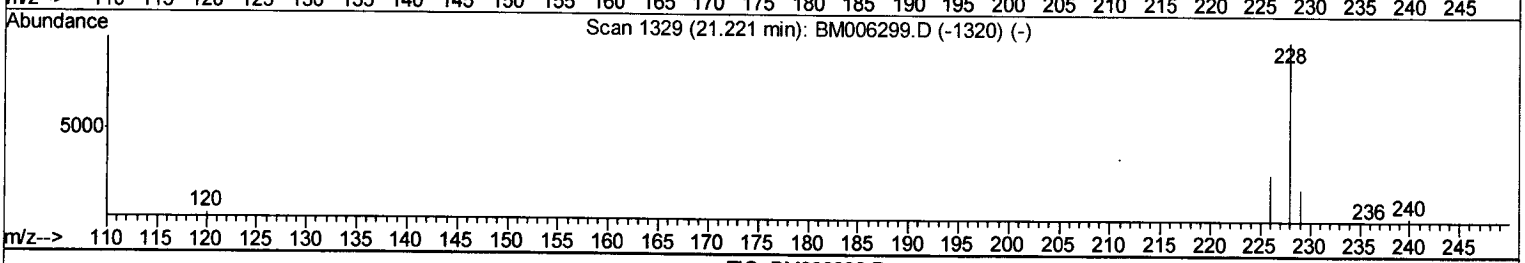

TIC: BM006292.D

(20) Benzo(a)anthracene

21.221min (+0.000) 0.50ng/ul m U.M 07/11/16

response 24240

Ion	Exp%	Act%
228.00	100	100
226.00	23.50	30.86#
229.00	21.40	22.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:09:19 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 :
A4TV6

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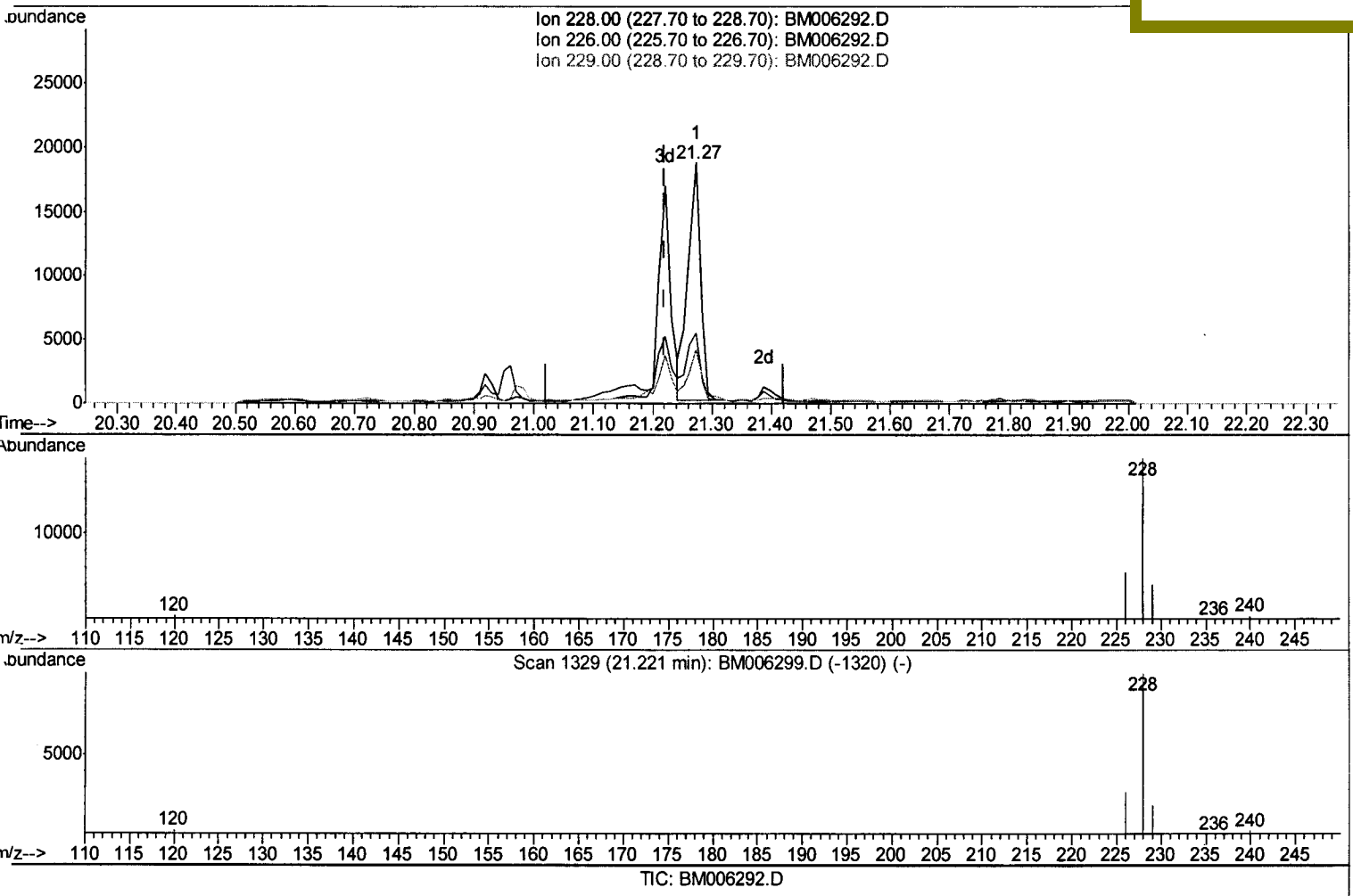

(20) Benzo(a)anthracene

21.273min (+0.052) 0.56ng/ul

response 27197

Ion	Exp%	Act%
228.00	100	100
226.00	23.50	29.30#
229.00	21.40	22.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:09:19 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 :
A4TV6

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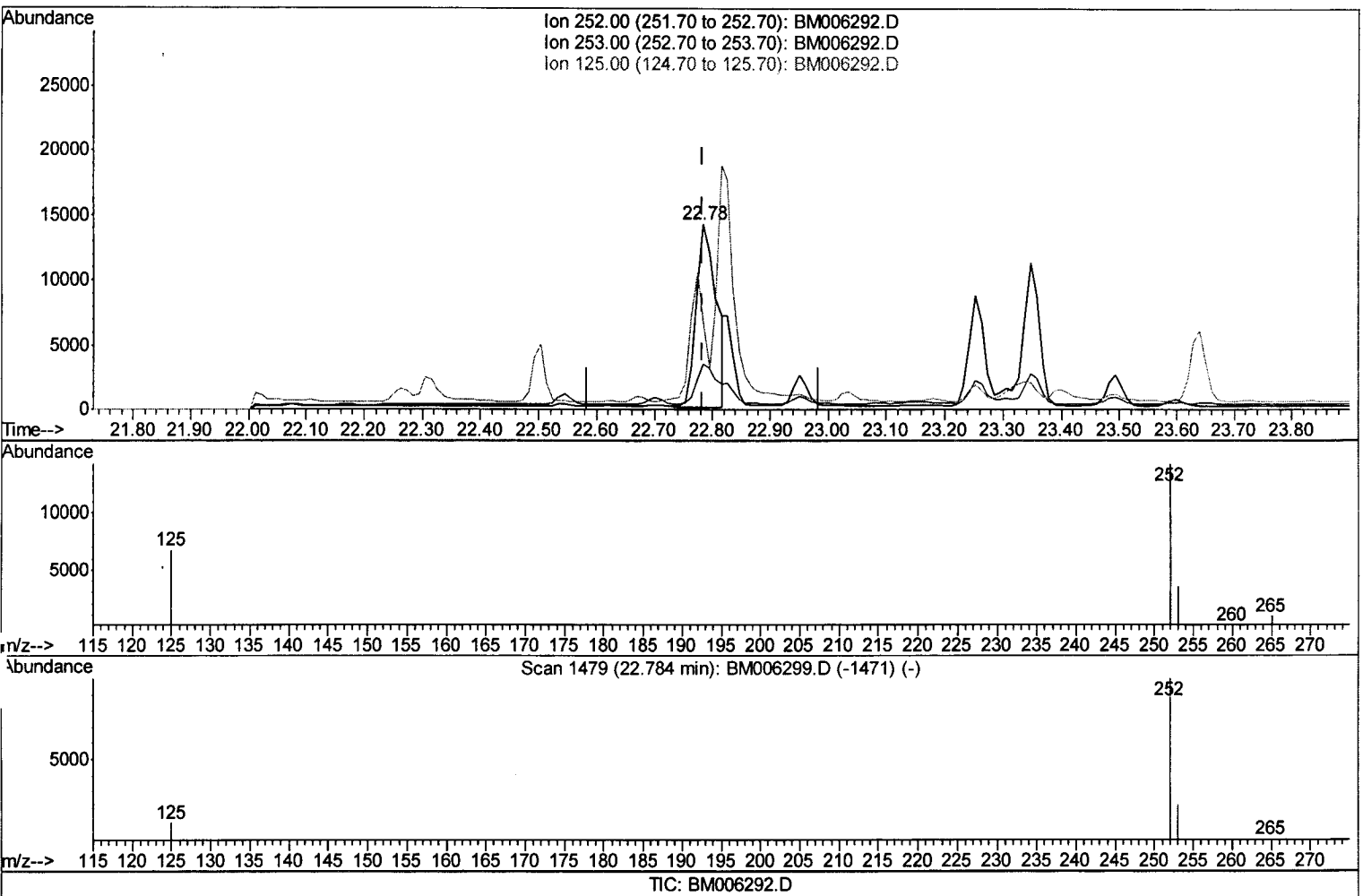

TIC: BM006292.D

(23) Benzo(b)fluoranthene

22.784min (+0.000) 0.75ng/ul m U.M 07/11/16

response 34346

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.60
125.00	14.40	47.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:09:19 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 :
A4TV6

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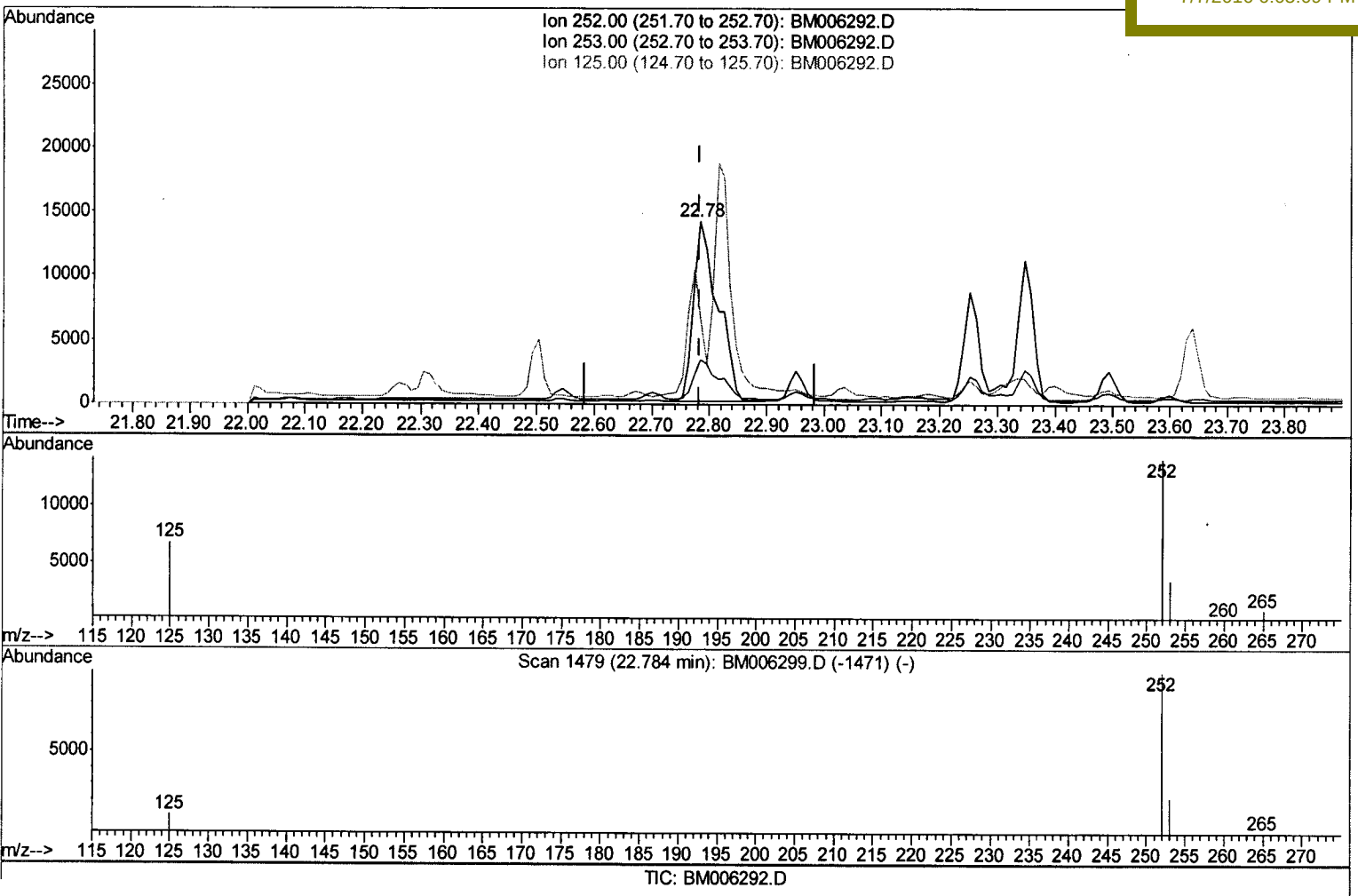

TIC: BM006292.D

(23) Benzo(b)fluoranthene

22.784min (+0.000) 0.91ng/ul

response 41432

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.60
125.00	14.40	47.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:09:19 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 :
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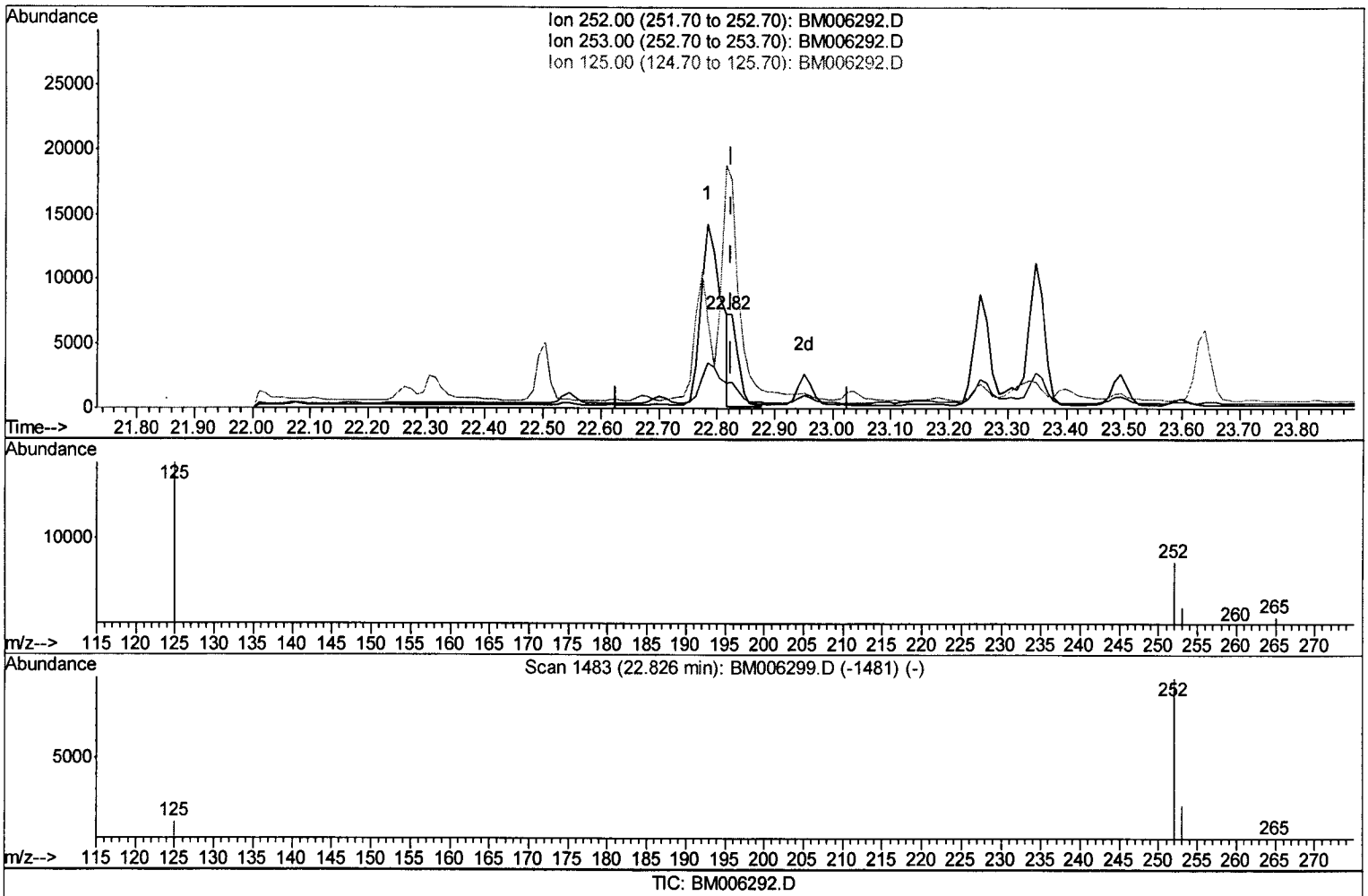

TIC: BM006292.D

(24) Benzo(k)fluoranthene

22.816min (-0.010) 0.19ng/ul m U.M 07/11/16

response 7894

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	27.25
125.00	13.00	258.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:09:19 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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Instrument :
BNA_M
ClientSampleId :
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Manual Integrati
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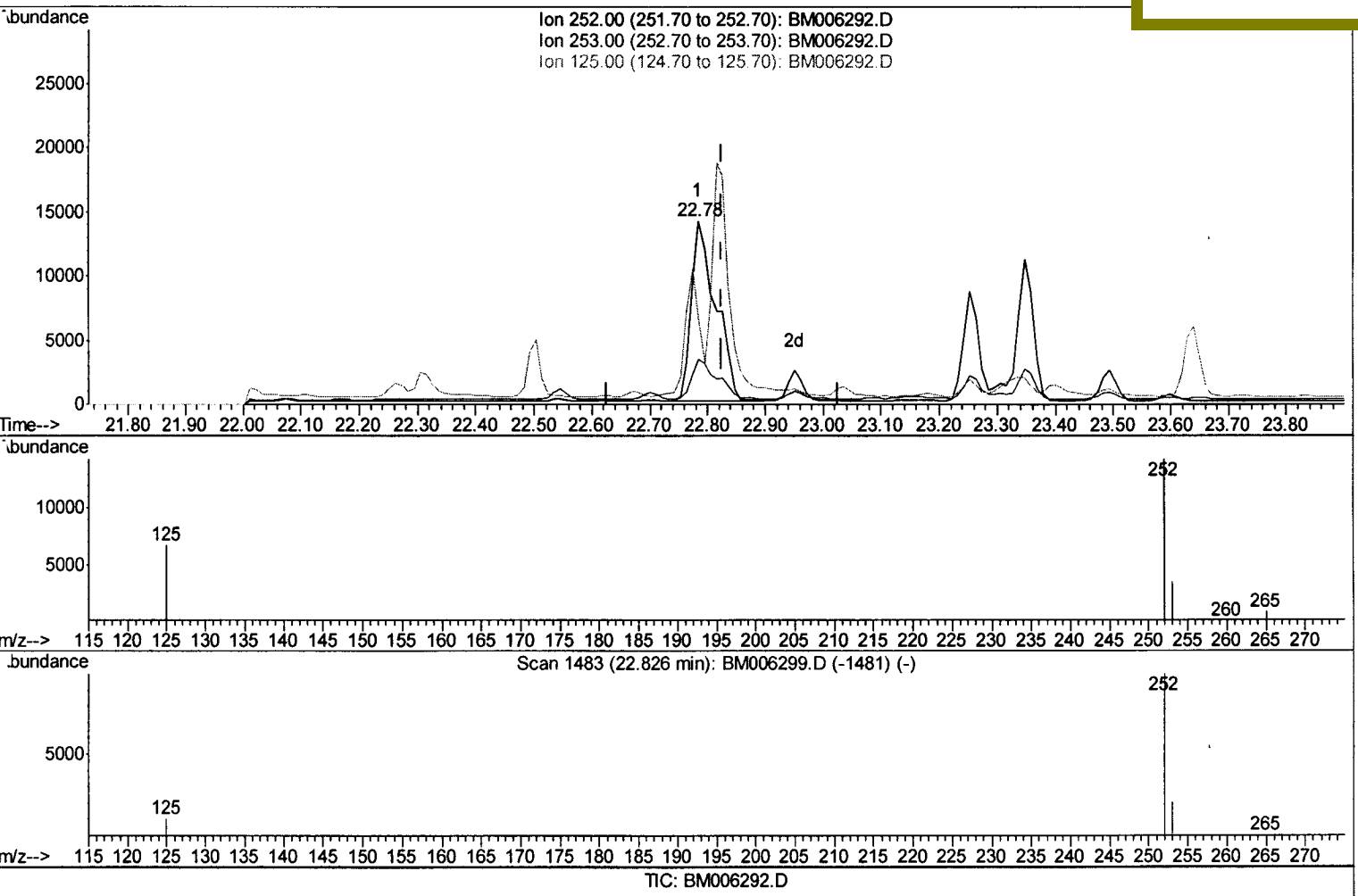

TIC: BM006292.D

(24) Benzo(k)fluoranthene

22.784min (-0.041) 0.98ng/ul

response 41432

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.60
125.00	13.00	47.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006292.D
Acq On : 06 Jul 2016 20:51
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 11:10:42 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4497	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17694	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10248	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	22074m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15079m	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12733	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7387	3.89	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6102	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	13337	0.29	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.48	128	1189	0.03	ng/ul#	77
7) 2-Methylnaphthalene	12.09	142	629	0.02	ng/ul	99
9) Acenaphthylene	14.01	152	2825	0.08	ng/ul#	94
10) Acenaphthene	14.35	153	962	0.03	ng/ul#	67
11) Fluorene	15.34	166	1292	0.03	ng/ul#	80
14) Phenanthrene	17.07	178	34429m	0.56	ng/ul	
15) Anthracene	17.16	178	5769	0.10	ng/ul#	85
17) Fluoranthene	19.11	202	70868	1.05	ng/ul	94
19) Pyrene	19.47	202	62727	0.99	ng/ul	96
20) Benzo(a)anthracene	21.22	228	24240m	0.50	ng/ul	
21) Chrysene	21.27	228	27197	0.57	ng/ul	96
23) Benzo(b)fluoranthene	22.78	252	34346m	0.75	ng/ul	
24) Benzo(k)fluoranthene	22.82	252	7894m	0.19	ng/ul	
25) Benzo(a)pyrene	23.35	252	21508	0.51	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.66	276	15840	0.34	ng/ul#	81
27) Dibenzo(a,h)anthracene	25.67	278	3997	0.11	ng/ul#	15
28) Benzo(g,h,i)perylene	26.34	276	14129	0.35	ng/ul	96

U.M 07/11/16

U.M 07/11/16

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