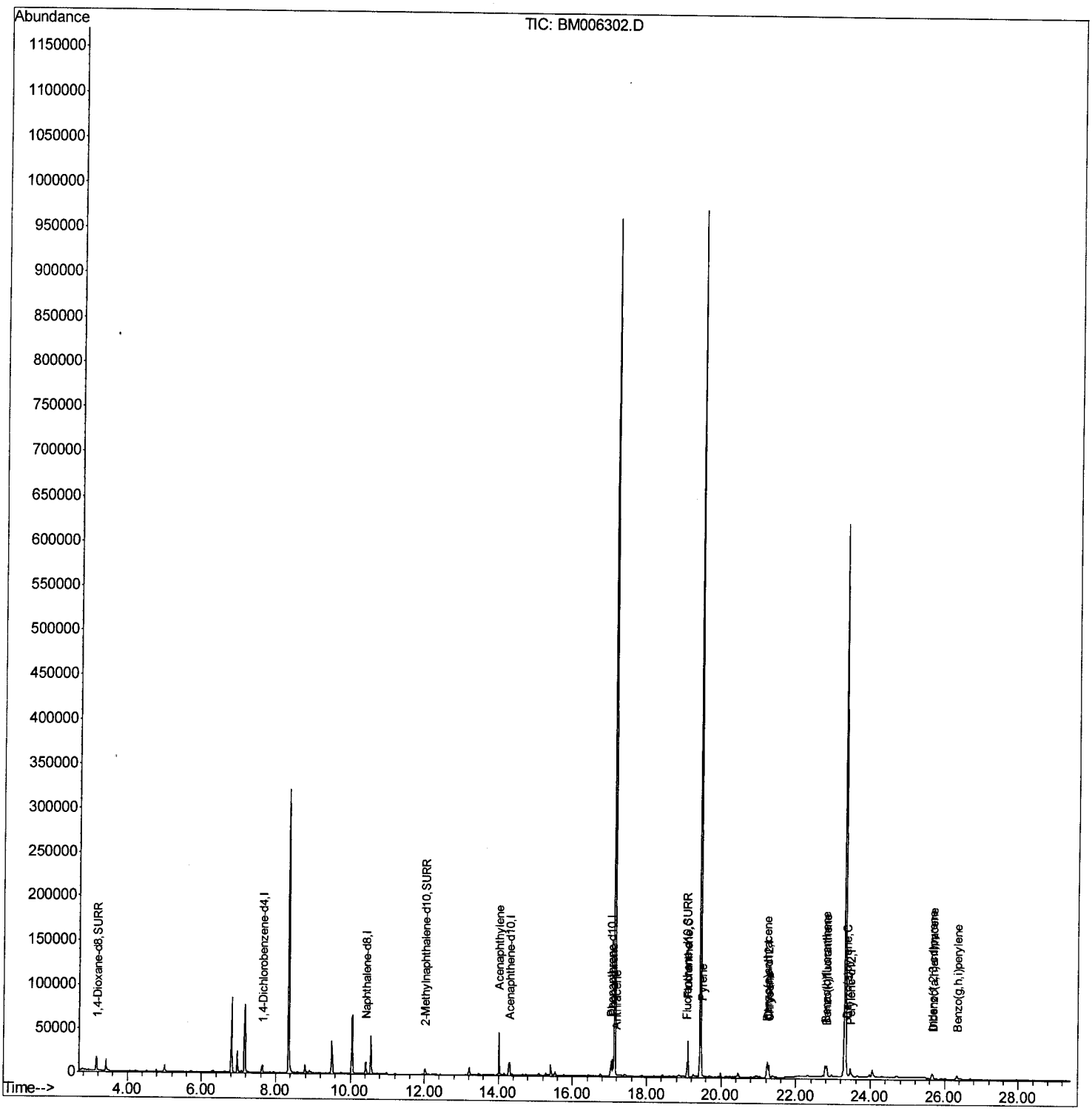
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:37:32 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 :
A4TW6

Manual Integratio
APPROVE
umangi
7/7/2016 6:06:39 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:00:08 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 :
A4TW6

Manual Integratio
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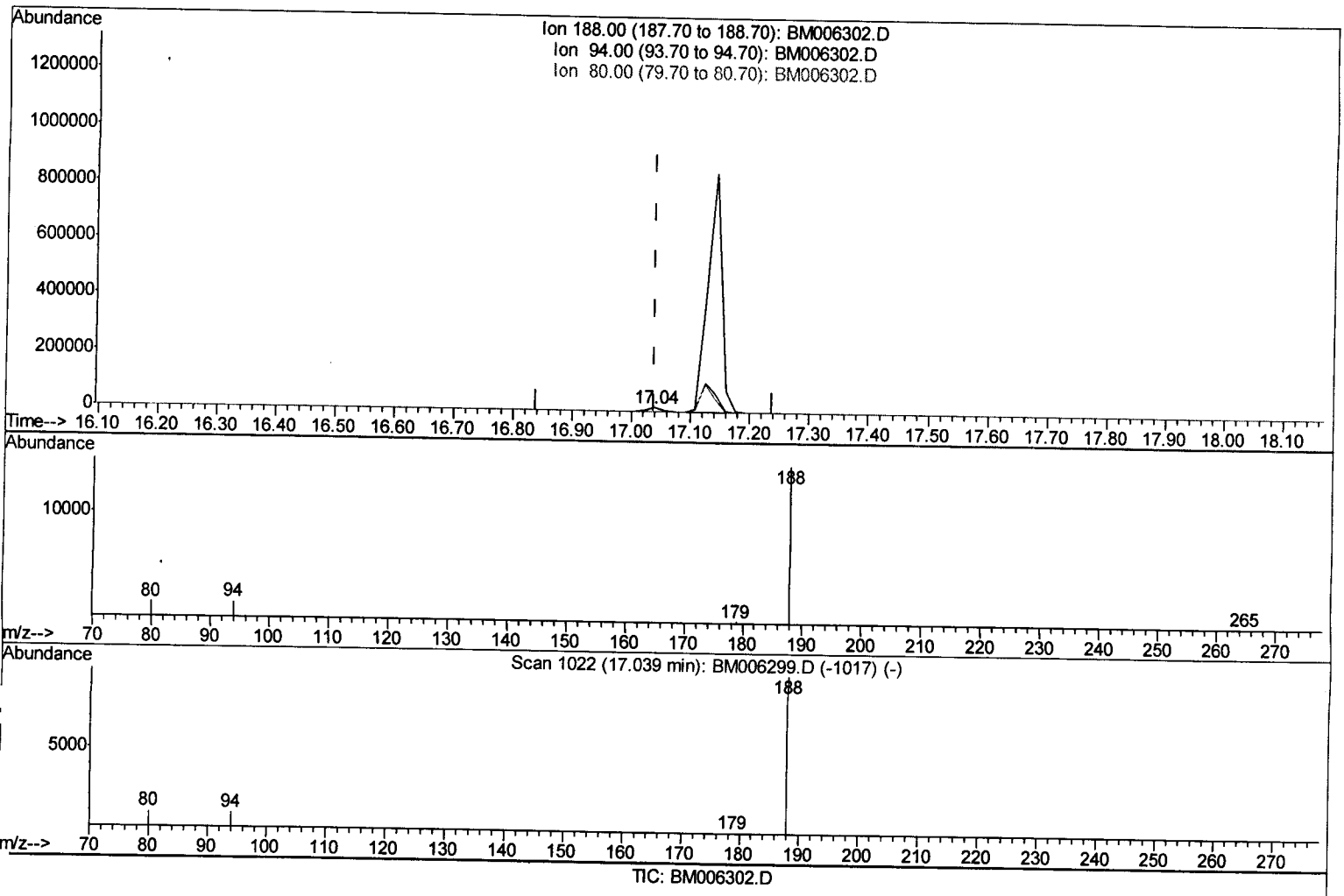

(12) Phenanthrene-d10 (I)

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

response 22126

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.97
80.00	11.90	9.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:00:08 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 :
A4TW6

Manual Integrati
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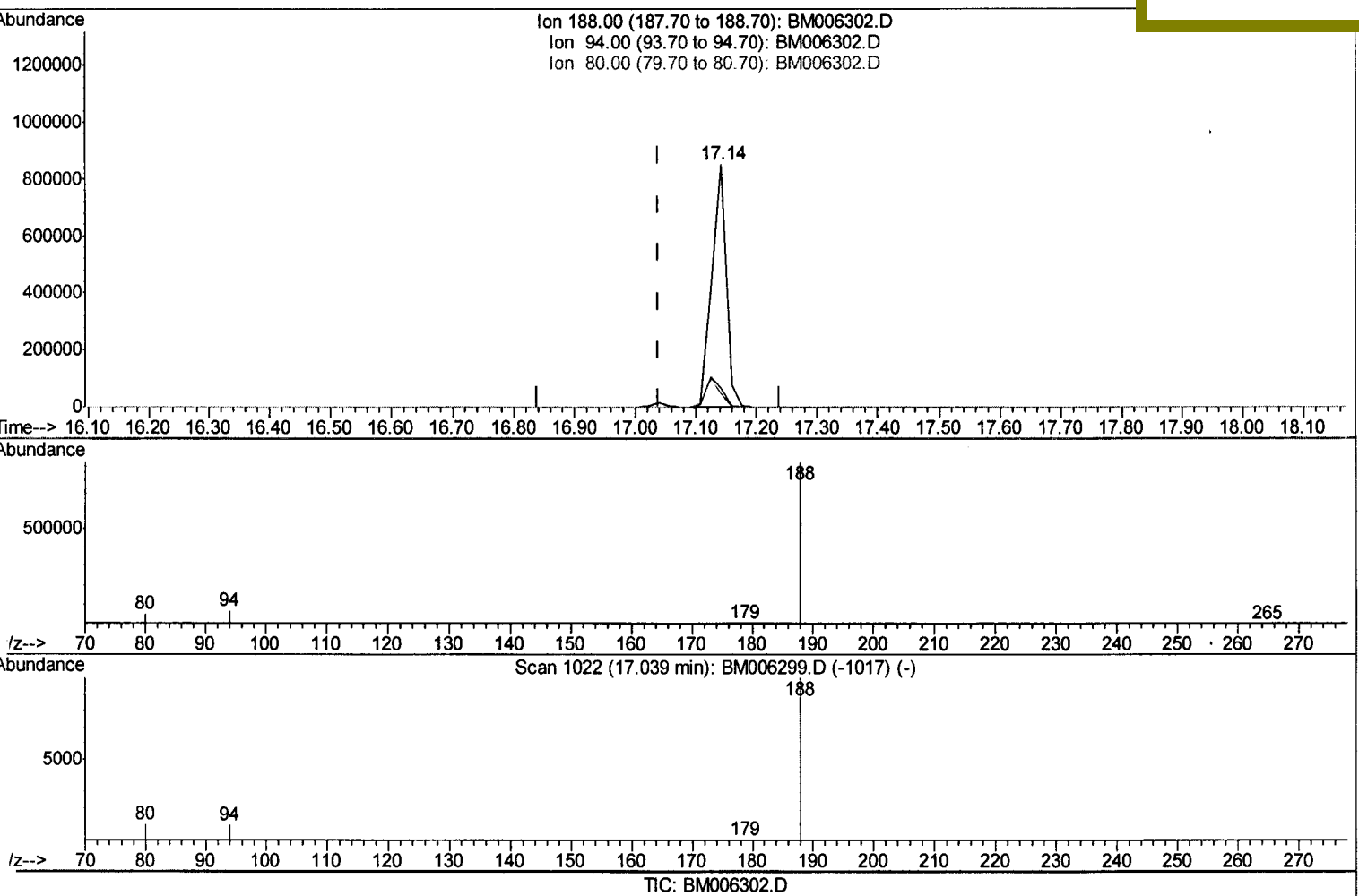

TIC: BM006302.D

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 1397797

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.60#
80.00	11.90	5.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:32:25 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 :
A4TW6

Manual Integratio
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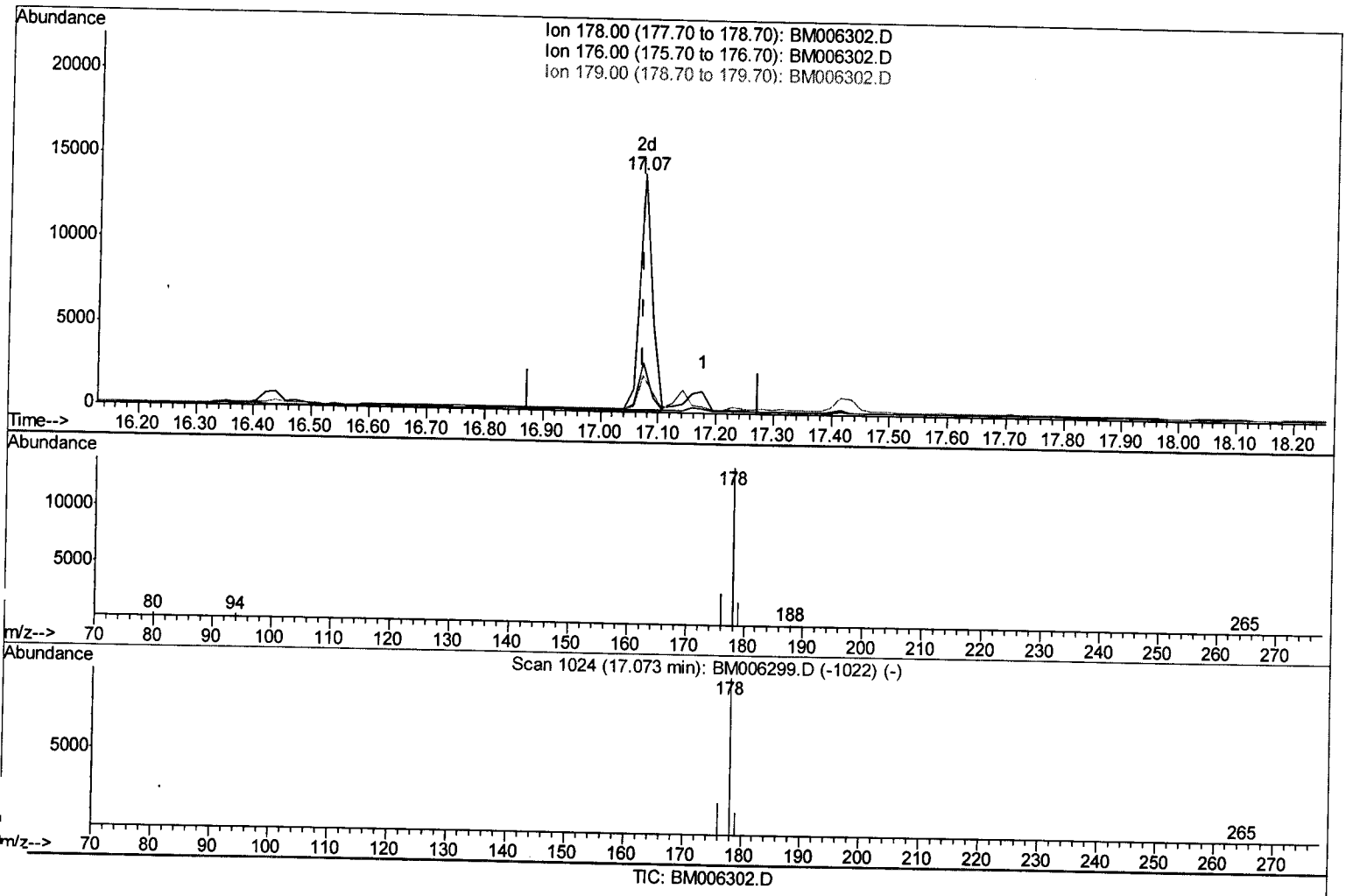

(14) Phenanthrene

17.073min (0.000) 0.35ng/ul m U.M 07/11/16

response 21340

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.03#
179.00	17.70	15.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:32:25 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 :
A4TW6

Manual Integrati

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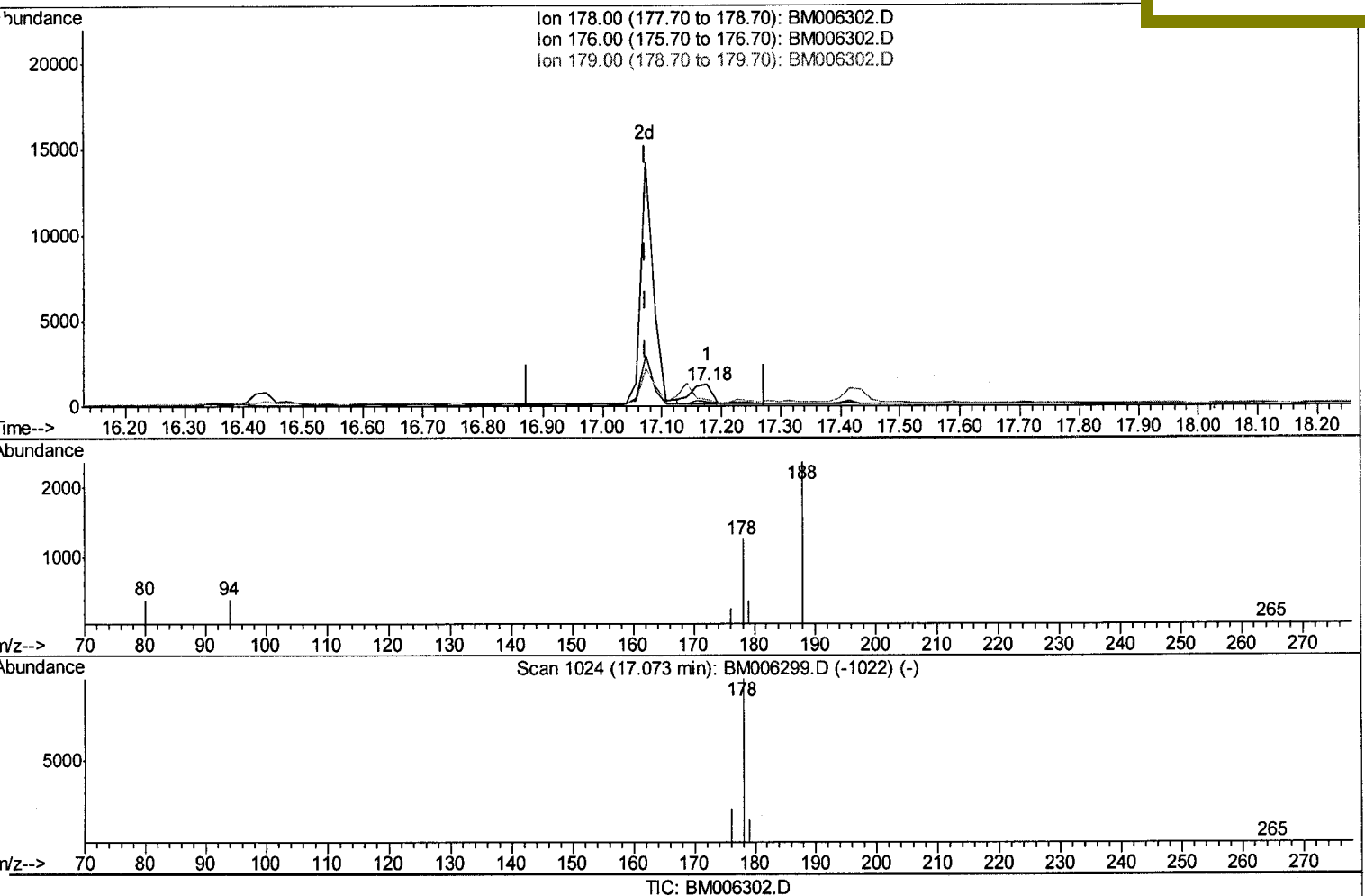

TIC: BM006302.D

(14) Phenanthrene

17.176min (+0.103) 0.05ng/ul

response 2862

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.79#
179.00	17.70	30.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:32:25 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 :
A4TW6

Manual Integratio
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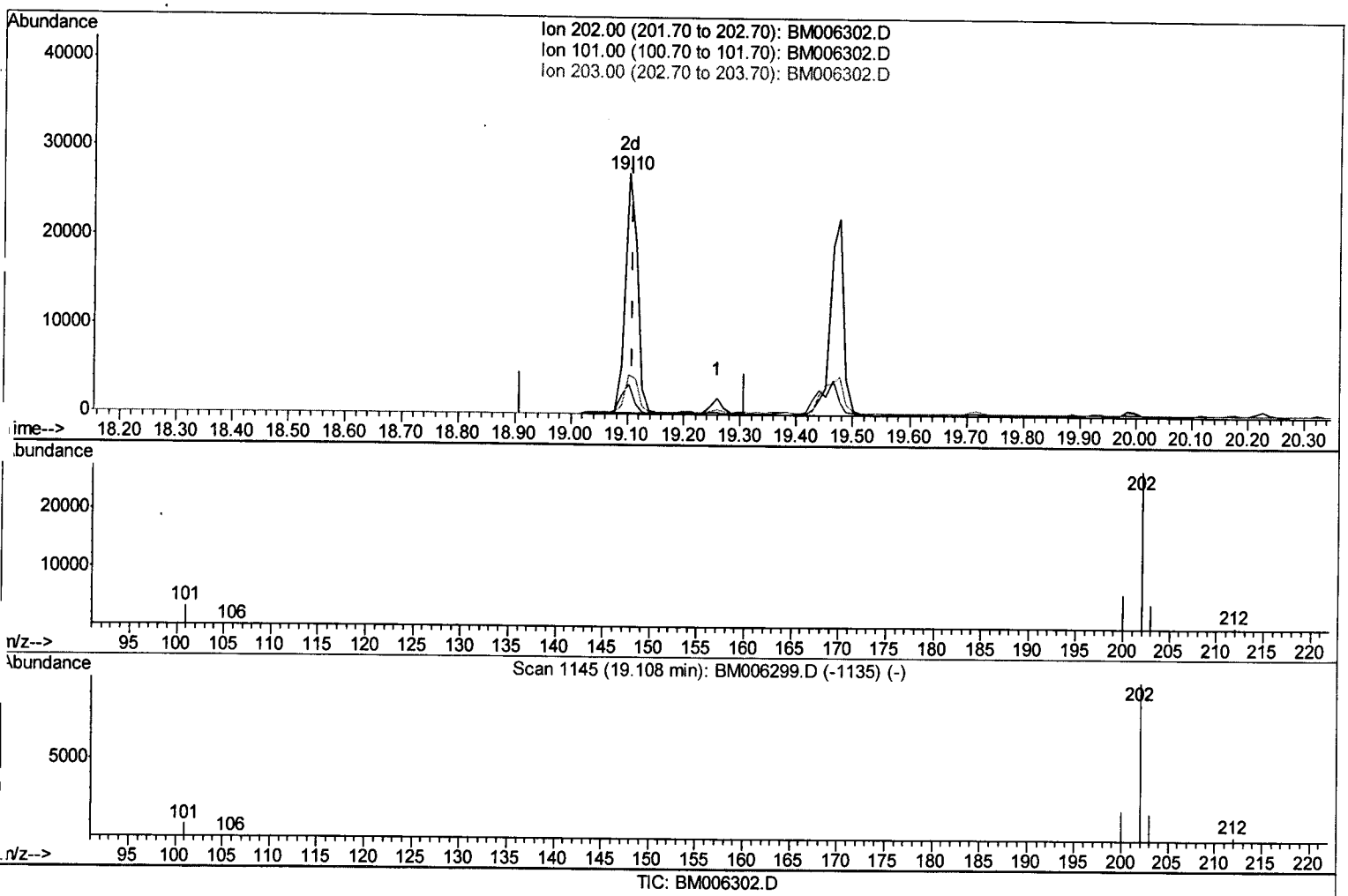

(17) Fluoranthene (C)

19.101min (-0.007) 0.59ng/ul m U.M 07/11/16

response 39858

Ion	Exp%	Act%
202.00	100	100
101.00	9.60	12.35
203.00	16.30	16.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:32:25 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 :
A4TW6

Manual Integrati
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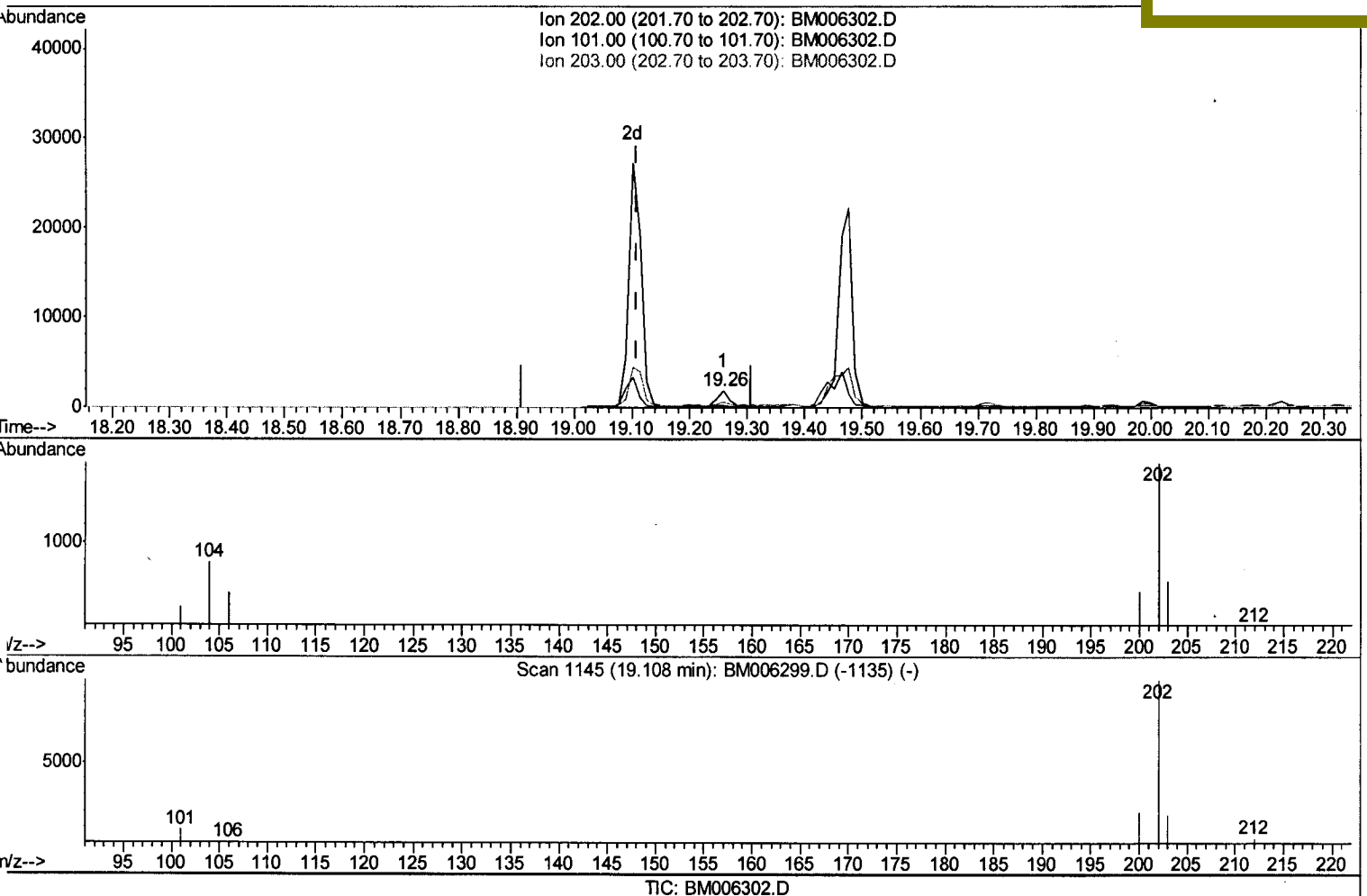

(17) Fluoranthene (C)

19.259min (+0.150) 0.04ng/ul

response 2367

Ion	Exp%	Act%
202.00	100	100
101.00	9.60	15.06
203.00	16.30	30.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:32:25 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 : A4TW6

Manual Integratio
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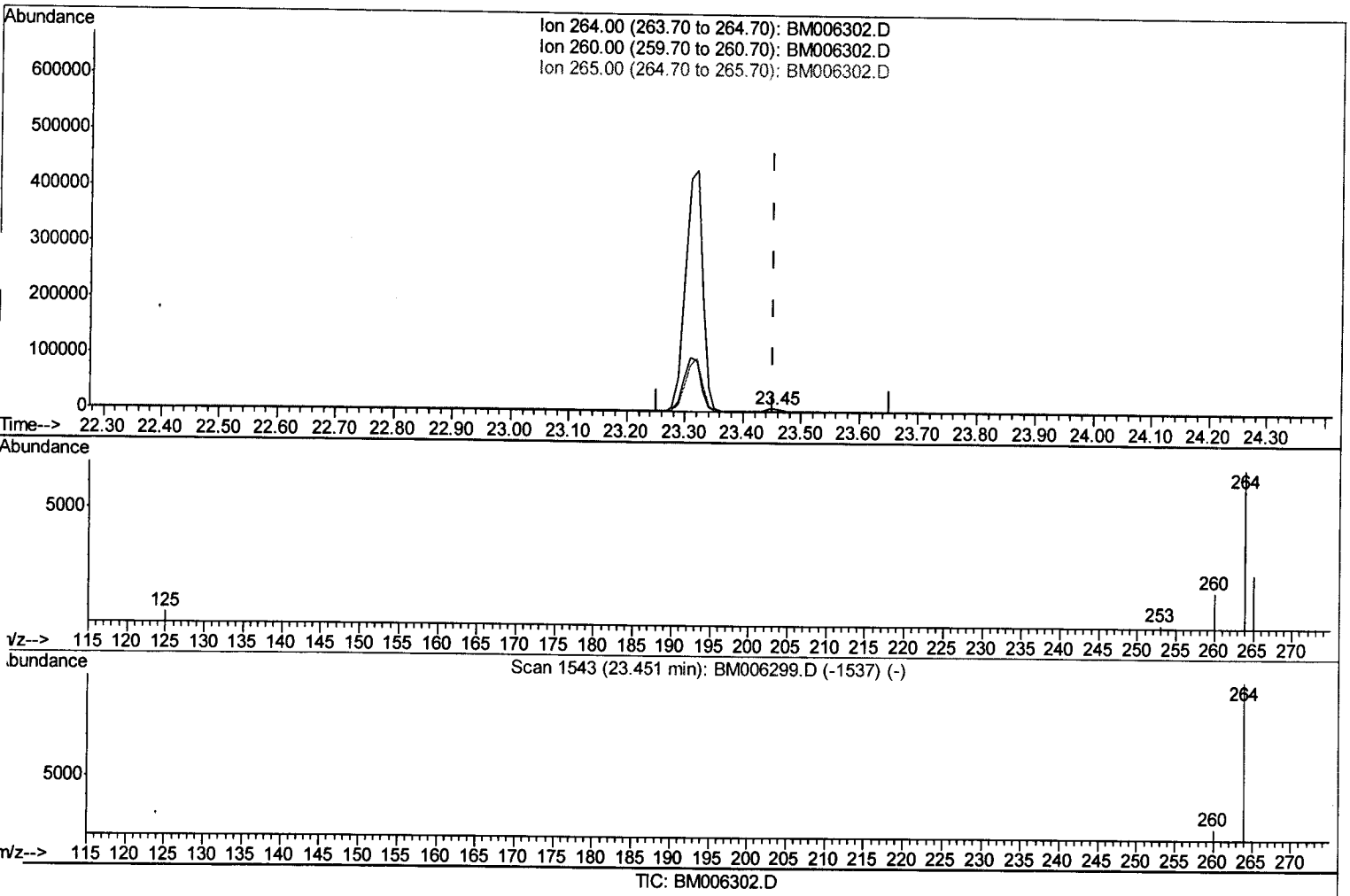

(22) Perylene-d12 (I)

23.455min (+0.003) 0.40ng/ul m U.M 07/11/16

response 12376

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.45
265.00	38.20	37.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:32:25 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 :
A4TW6

Manual Integrati
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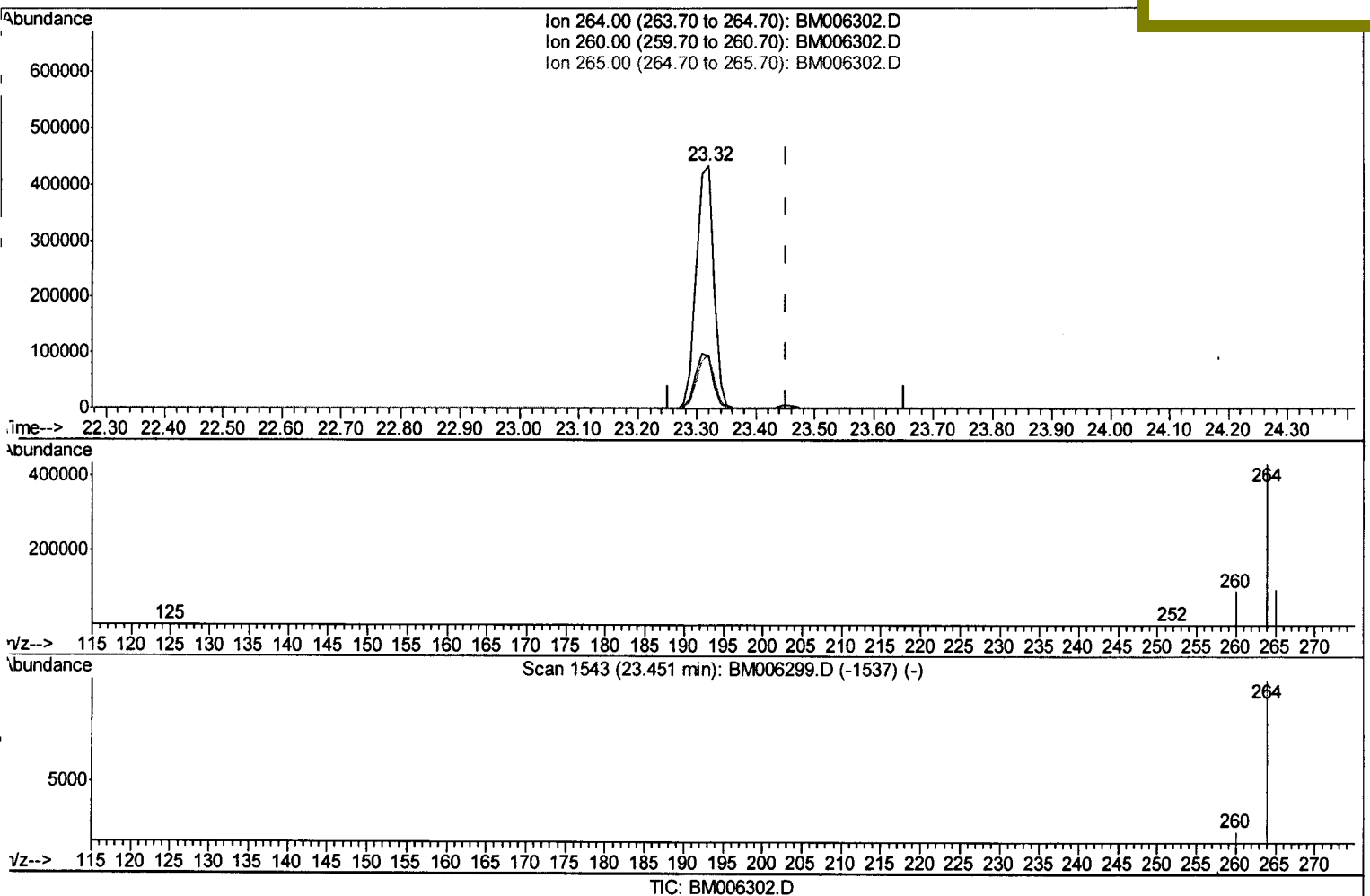

TIC: BM006302.D

(22) Perylene-d12 (I)

23.319min (-0.132) 0.40ng/ul

response 877386

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.21
265.00	38.20	22.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integratio
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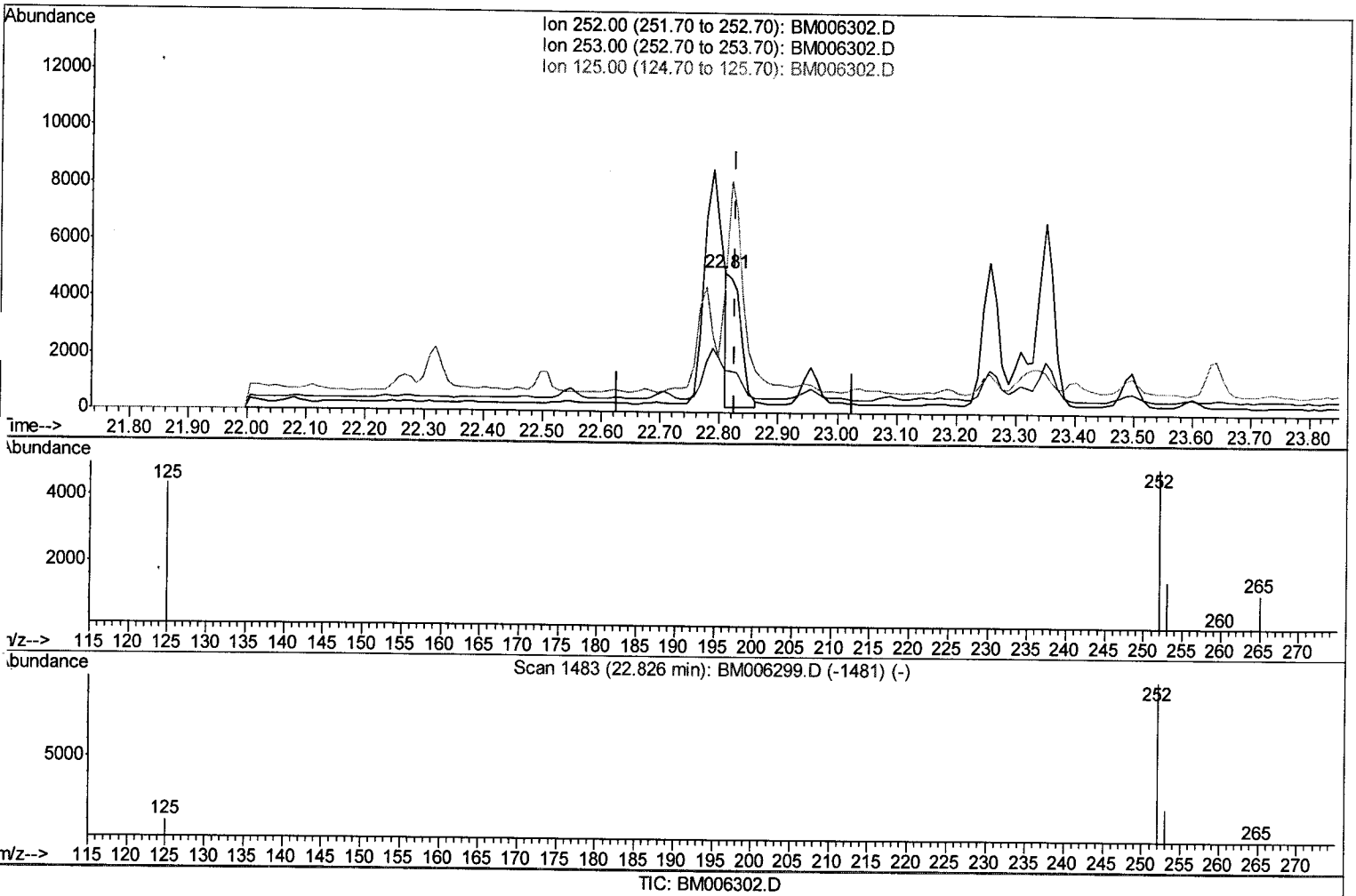

(24) Benzo(k)fluoranthene

22.808min (-0.017) 0.17ng/ul m U.M 07/11/16

response 7174

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	31.07#
125.00	13.00	87.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integratio
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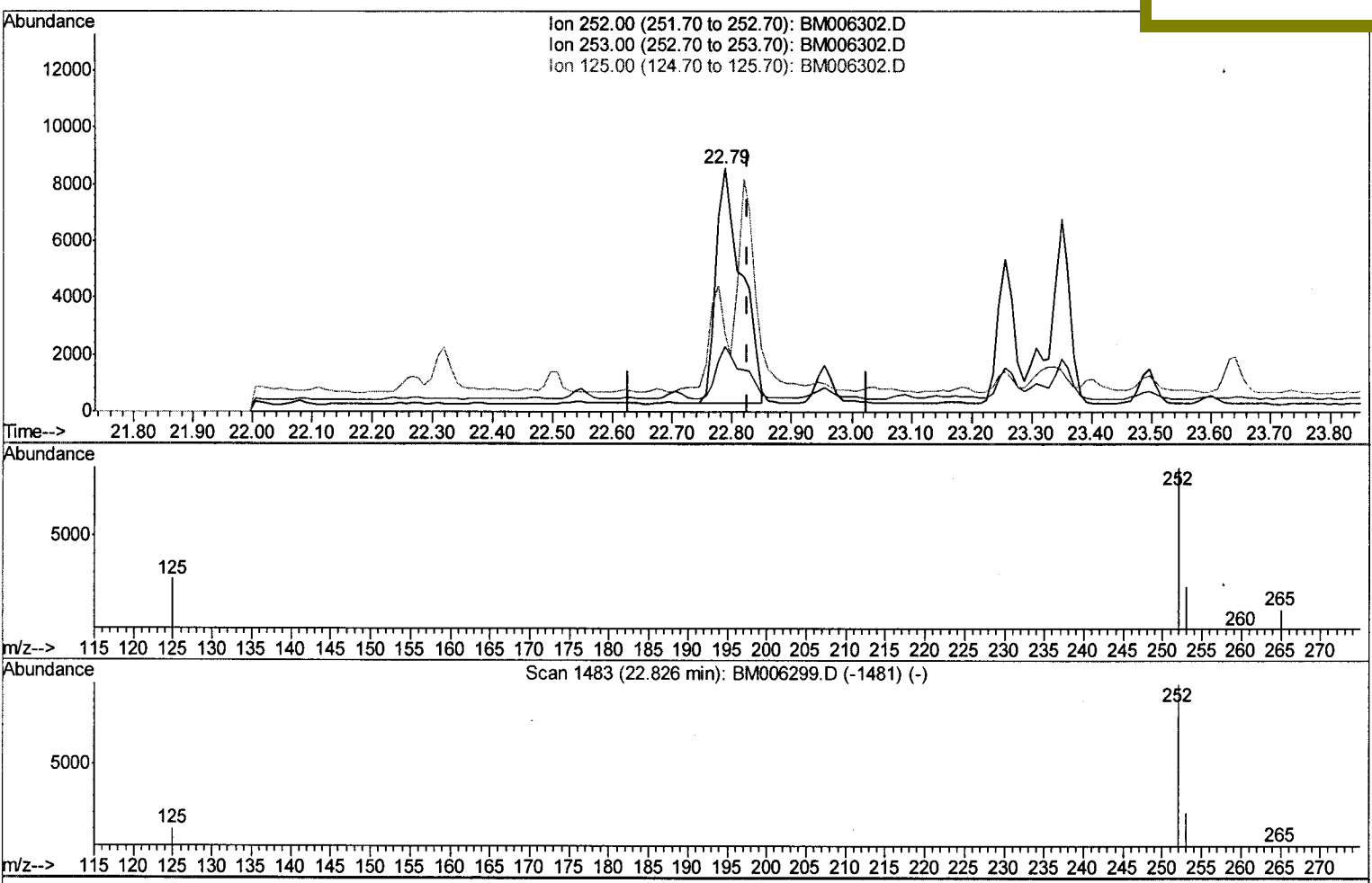

TIC: BM006302.D

(24) Benzo(k)fluoranthene

22.787min (-0.038) 0.60ng/ul

response 24707

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.96
125.00	13.00	31.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integratio
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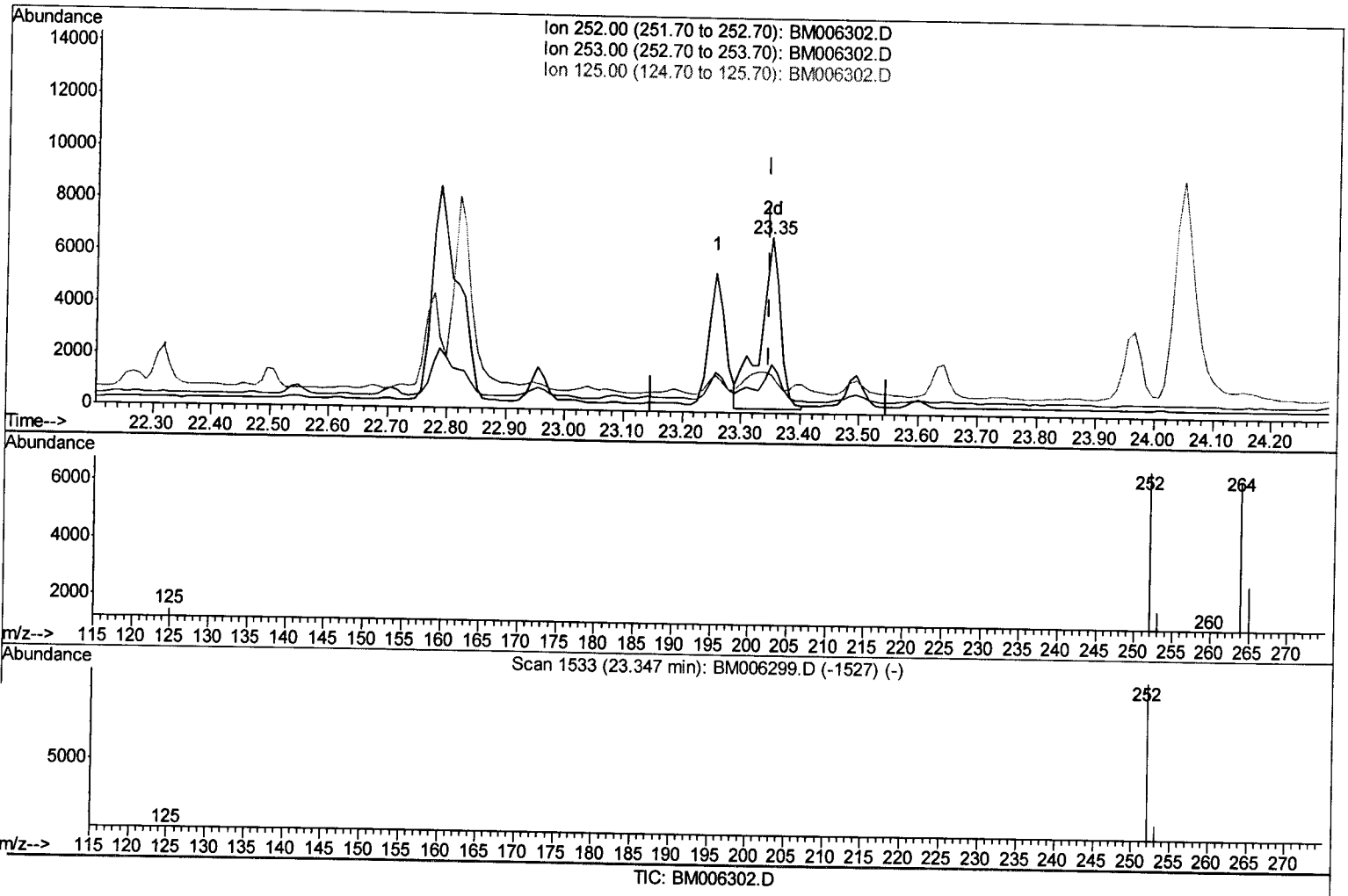

TIC: BM006302.D

(25) Benzo(a)pyrene (C)

23.350min (+0.003) 0.39ng/ul m U.M 07/11/16

response 15923

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	27.62
125.00	15.90	21.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integrati
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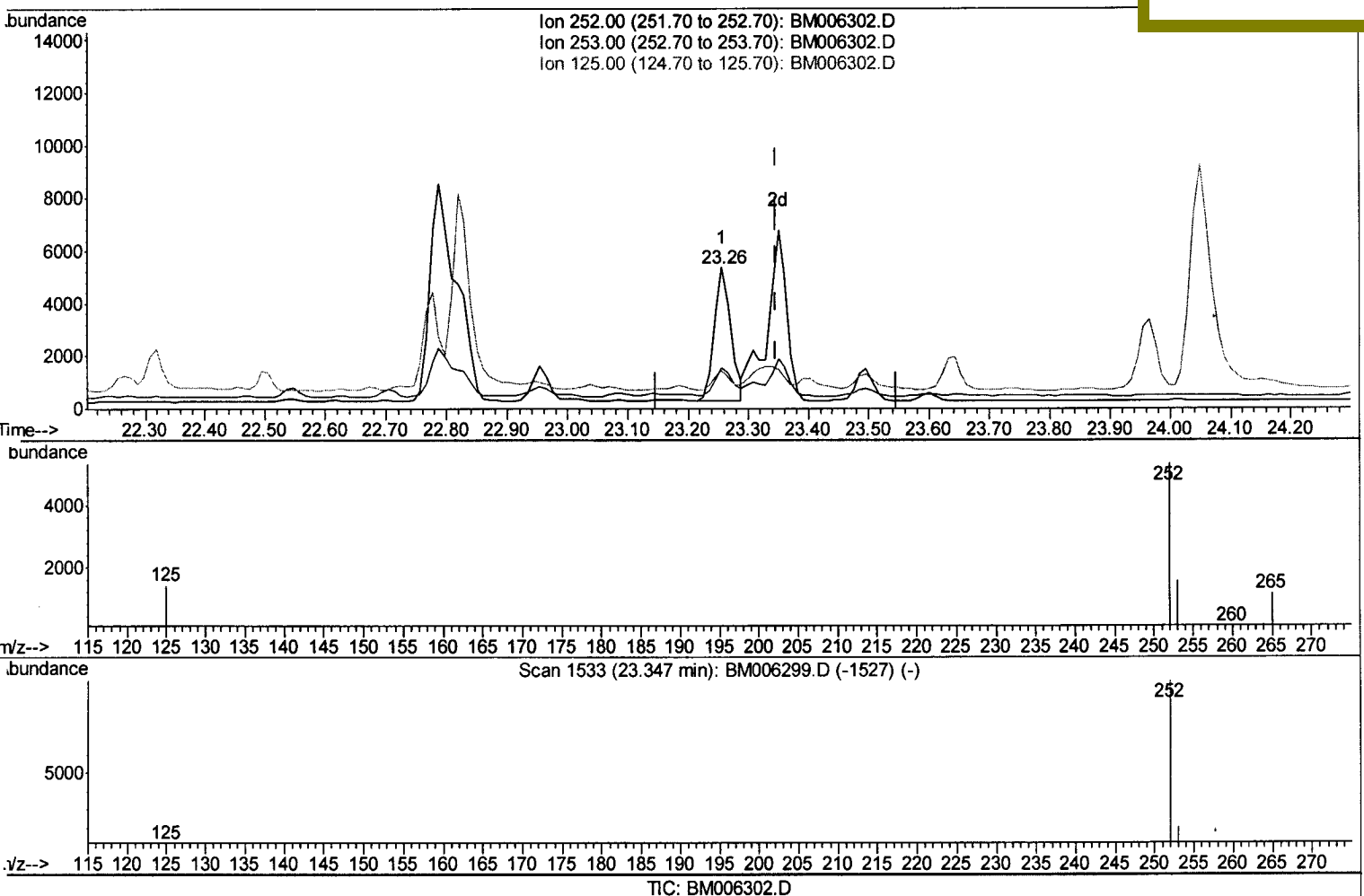

TIC: BM006302.D

(25) Benzo(a)pyrene (C)

23.257min (-0.090) 0.23ng/ul

response 9667

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	29.03
125.00	15.90	26.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integratio
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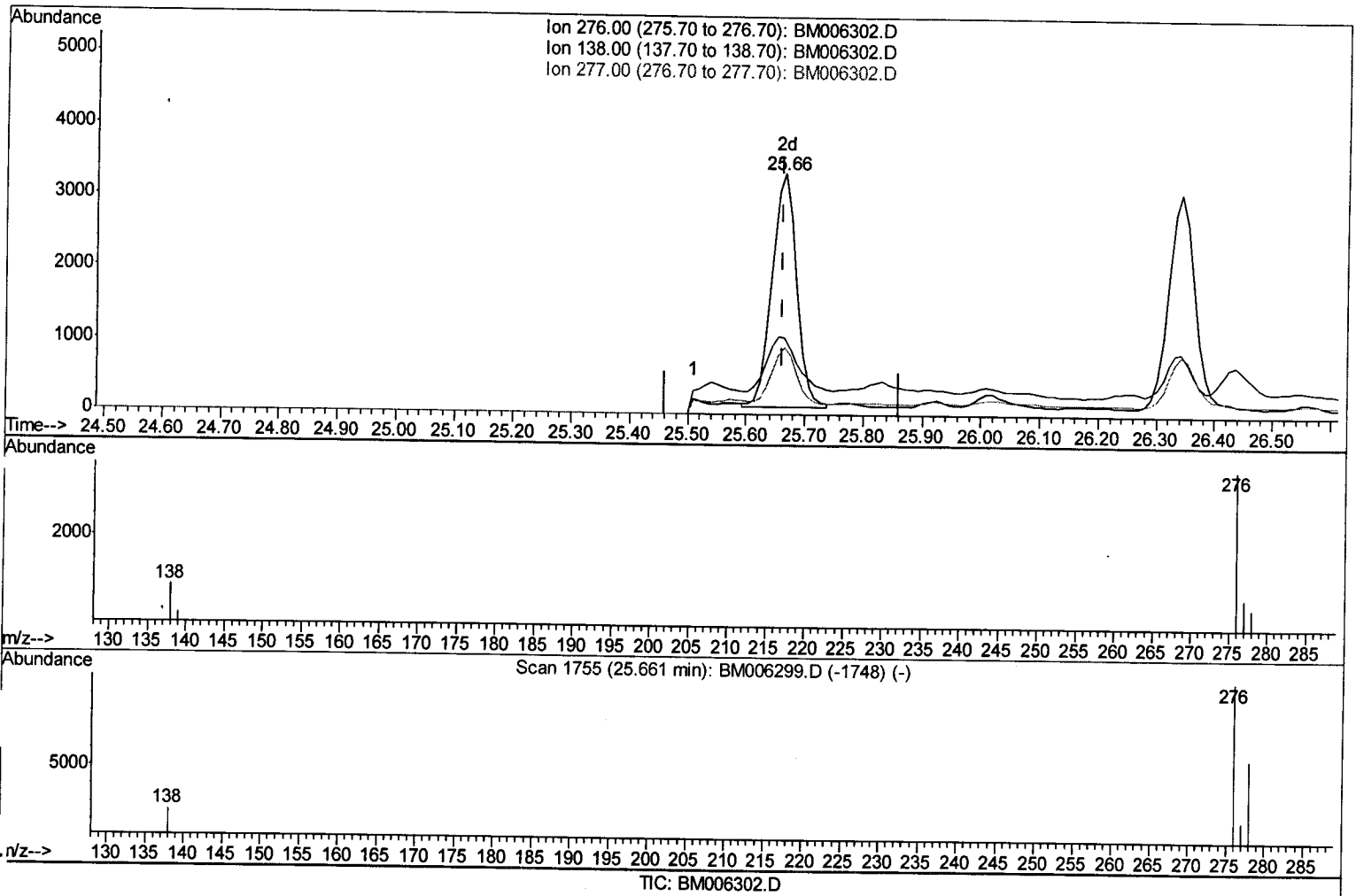

TIC: BM006302.D

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

25.665min (+0.003) 0.21ng/ul m U.M 07/11/16

response 9441

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 : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integrati
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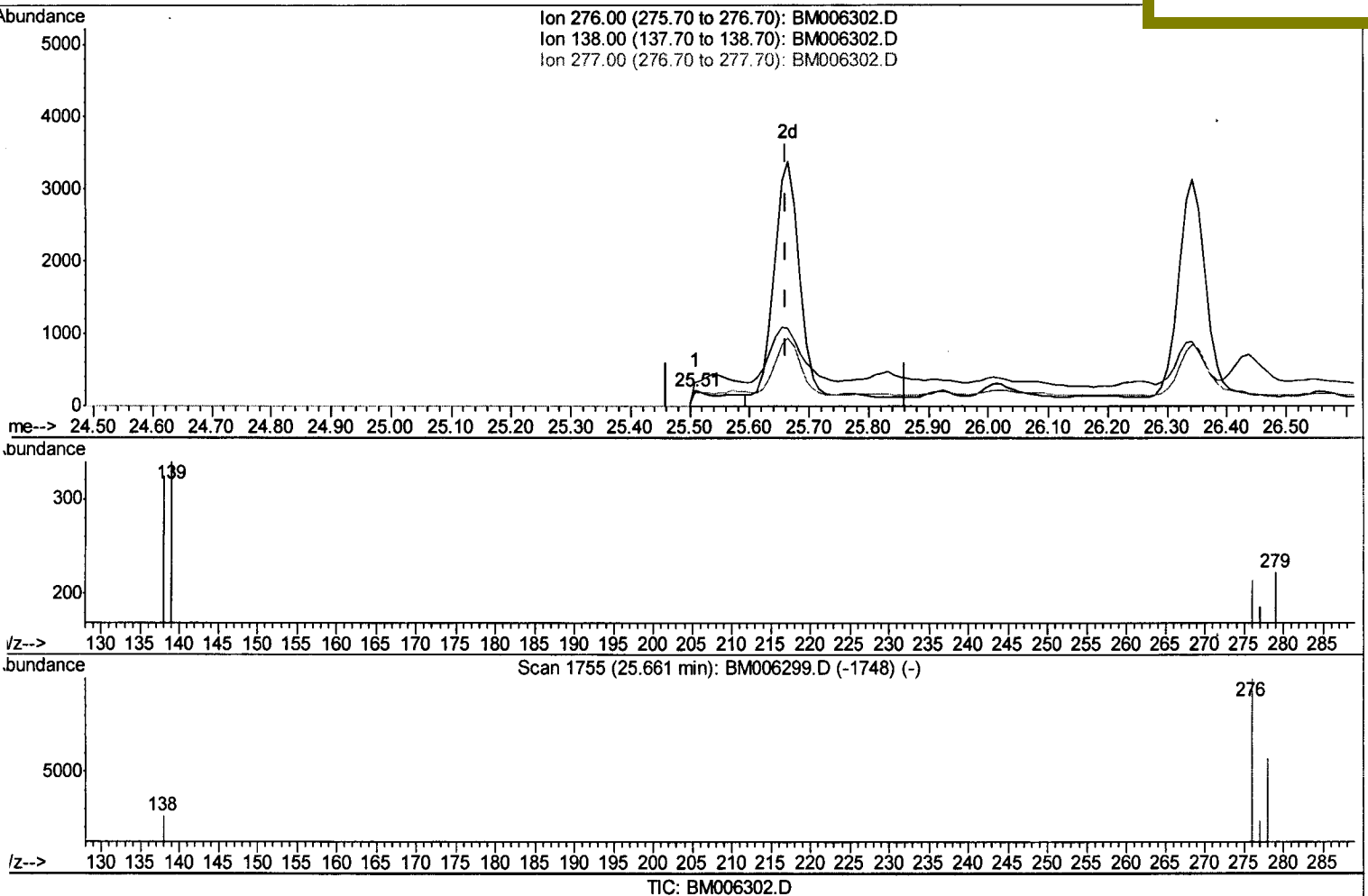

(26) Indeno(1,2,3-cd)pyrene

25.508min (-0.153) 0.02ng/ul

response 906

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 : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integratio
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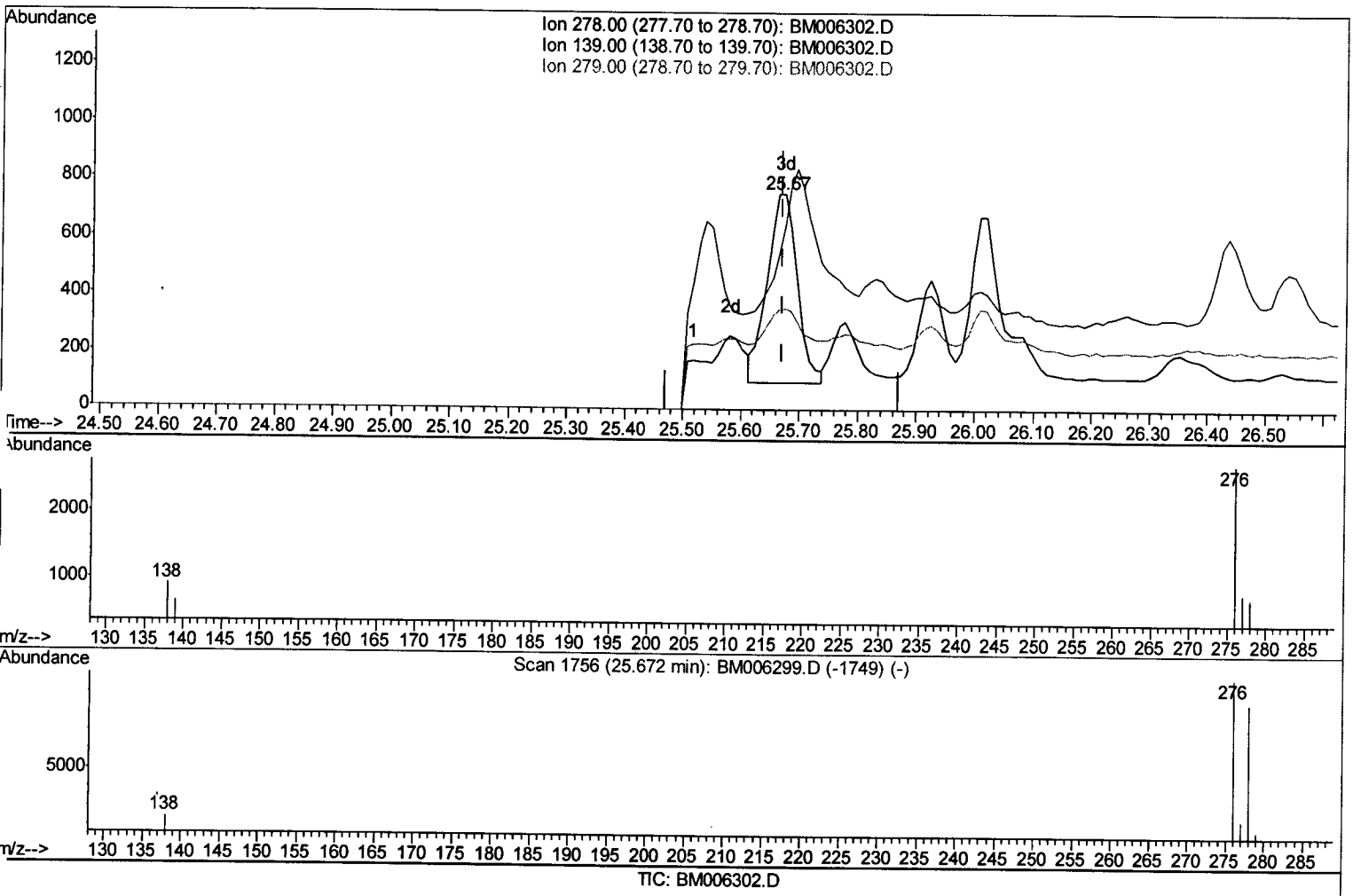

TIC: BM006302.D

(27) Dibenzo(a,h)anthracene

25.675min (+0.003) 0.07ng/ul m U.M 07/11/16

response 2375

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	85.79#
279.00	25.20	47.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integrati
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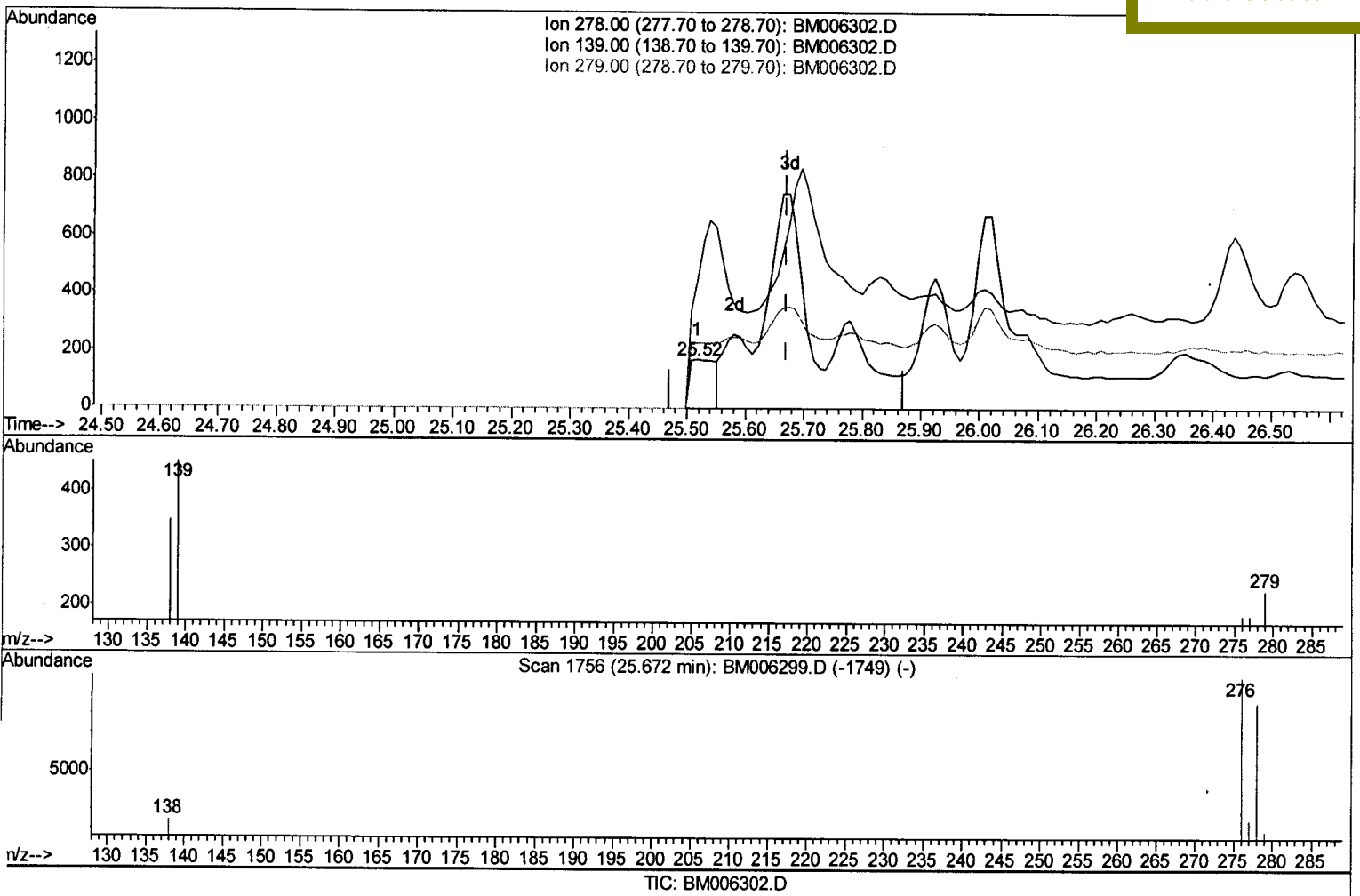

(27) Dibenzo(a,h)anthracene

25.519min (-0.153) 0.01ng/ul

response 525

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	264.91#
279.00	25.20	133.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 12:35:43 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 :
A4TW6

Manual Integratio
APPROVE
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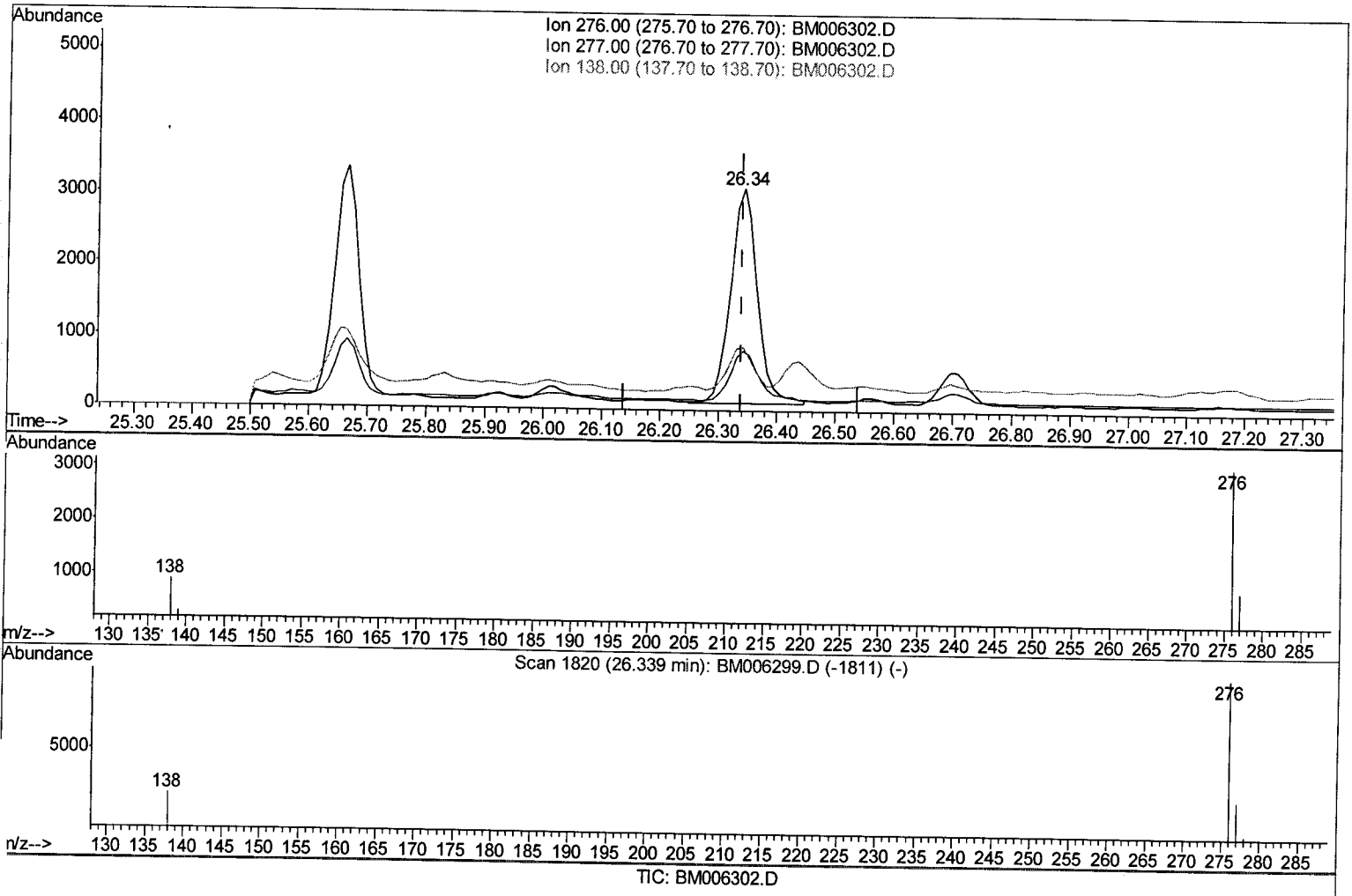


TIC: BM006302.D

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

26.342min (+0.003) 0.25ng/ul m U.M 07/11/16

response 9665

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	27.01
138.00	28.10	28.58
0.00	0.00	0.00

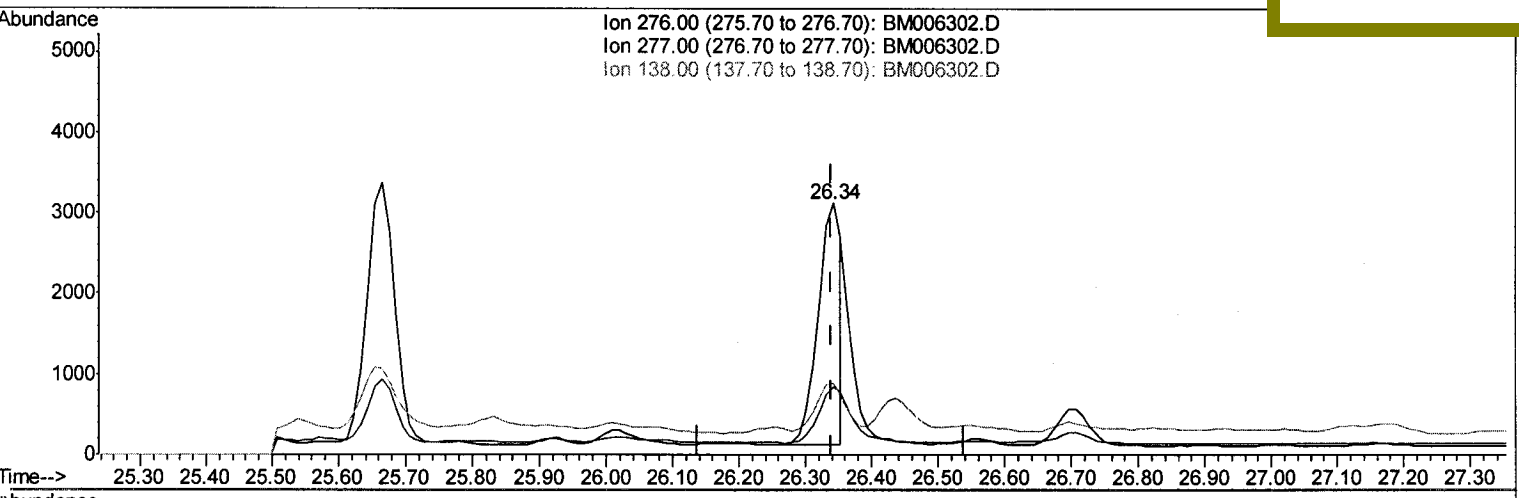
Quantitation Report (Qedit)

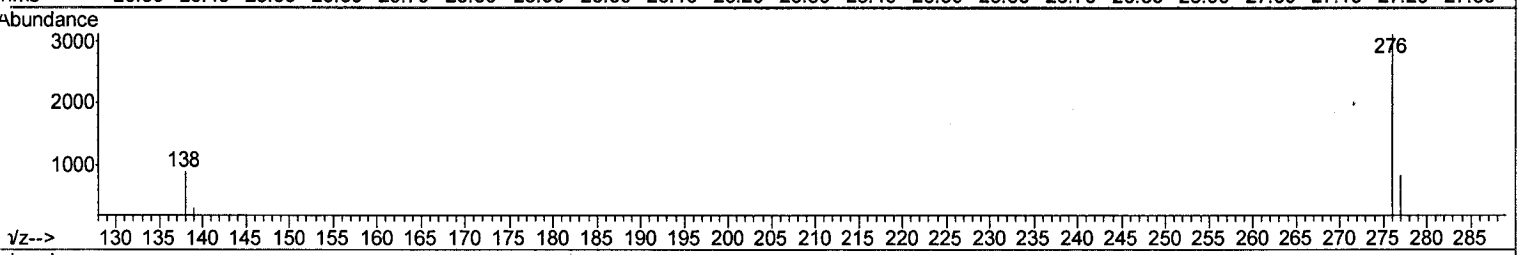
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

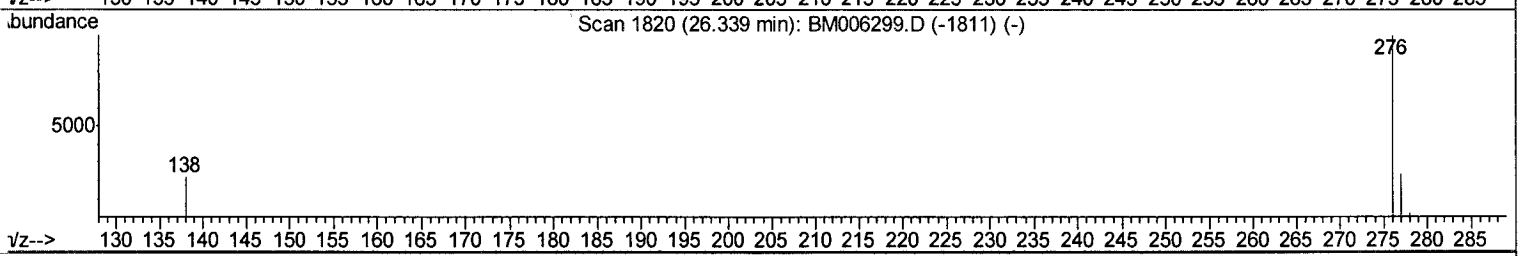
Quant Time: Jul 07 12:35:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TW6

Manual Integratio
APPROVE
umangi
7/7/2016 6:06:39 PM







TIC: BM006302.D

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

26.342min (+0.003) 0.19ng/ul

response 7304

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	27.01
138.00	28.10	28.58
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006302.D
Acq On : 07 Jul 2016 03:29
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TW6

Manual Integratio
APPROVE
umangi
7/7/2016 6:06:39 PM

Quant Time: Jul 07 12:37:32 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	5001	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	19625	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	11189	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	22126m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	14418	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12376m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	11789	5.58	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	9582	0.42	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	17467	0.37	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthylene	14.01	152	3148	0.08	ng/ul#	95
14) Phenanthrene	17.07	178	21340m	0.35	ng/ul	
15) Anthracene	17.18	178	2808	0.05	ng/ul#	79
17) Fluoranthene	19.10	202	39858m	0.59	ng/ul	
19) Pyrene	19.48	202	36444	0.60	ng/ul#	91
20) Benzo(a)anthracene	21.22	228	11182	0.24	ng/ul#	84
21) Chrysene	21.28	228	14643	0.32	ng/ul	95
23) Benzo(b)fluoranthene	22.79	252	17910	0.40	ng/ul#	78
24) Benzo(k)fluoranthene	22.81	252	7174m	0.17	ng/ul	
25) Benzo(a)pyrene	23.35	252	15923m	0.39	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	9441m	0.21	ng/ul	
27) Dibenzo(a,h)anthracene	25.67	278	2375m	0.07	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	9665m	0.25	ng/ul	

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