Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
Sample : H3811-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 08 08:51:05 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integratio
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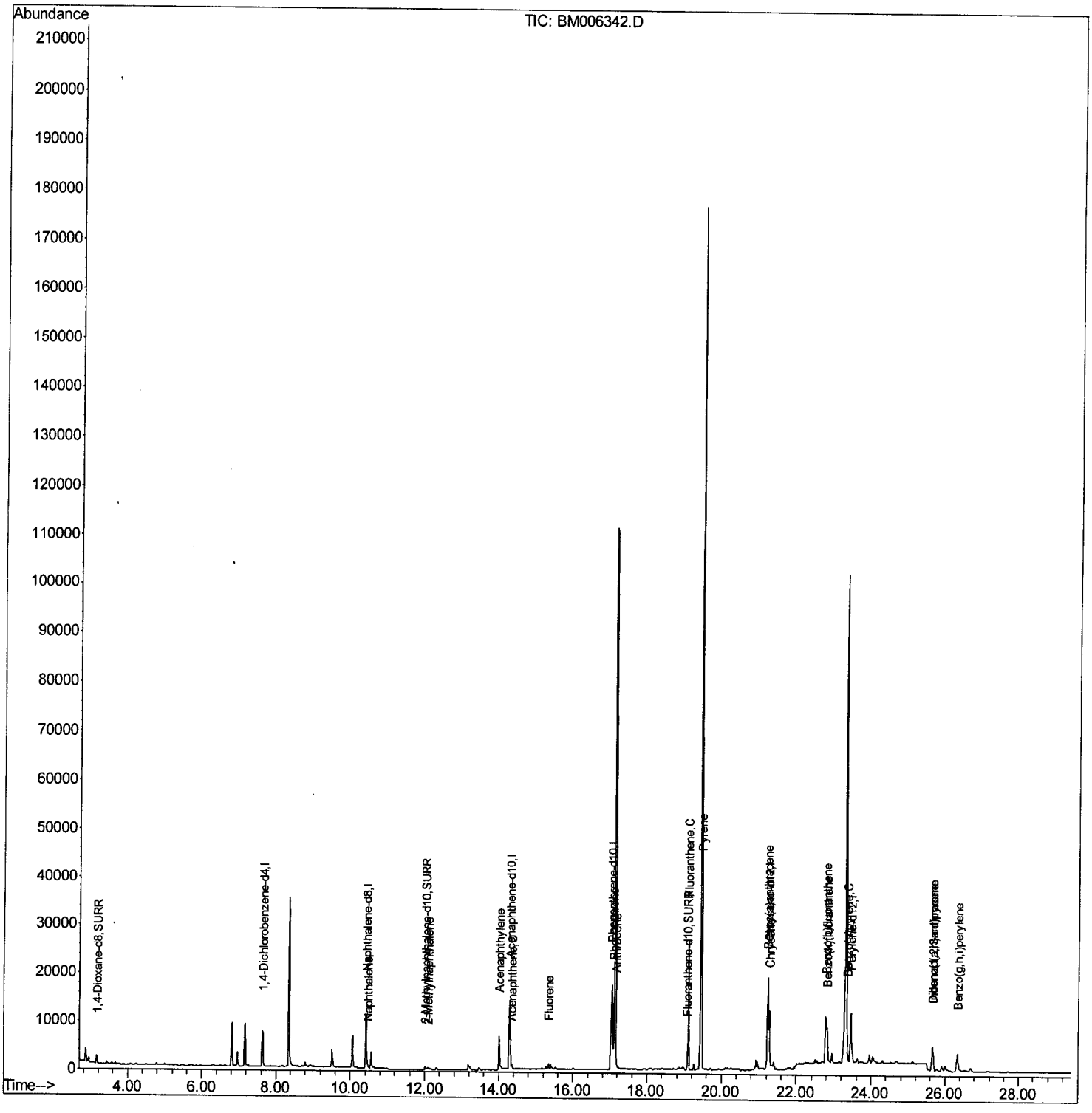

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
Sample : H3811-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integratio
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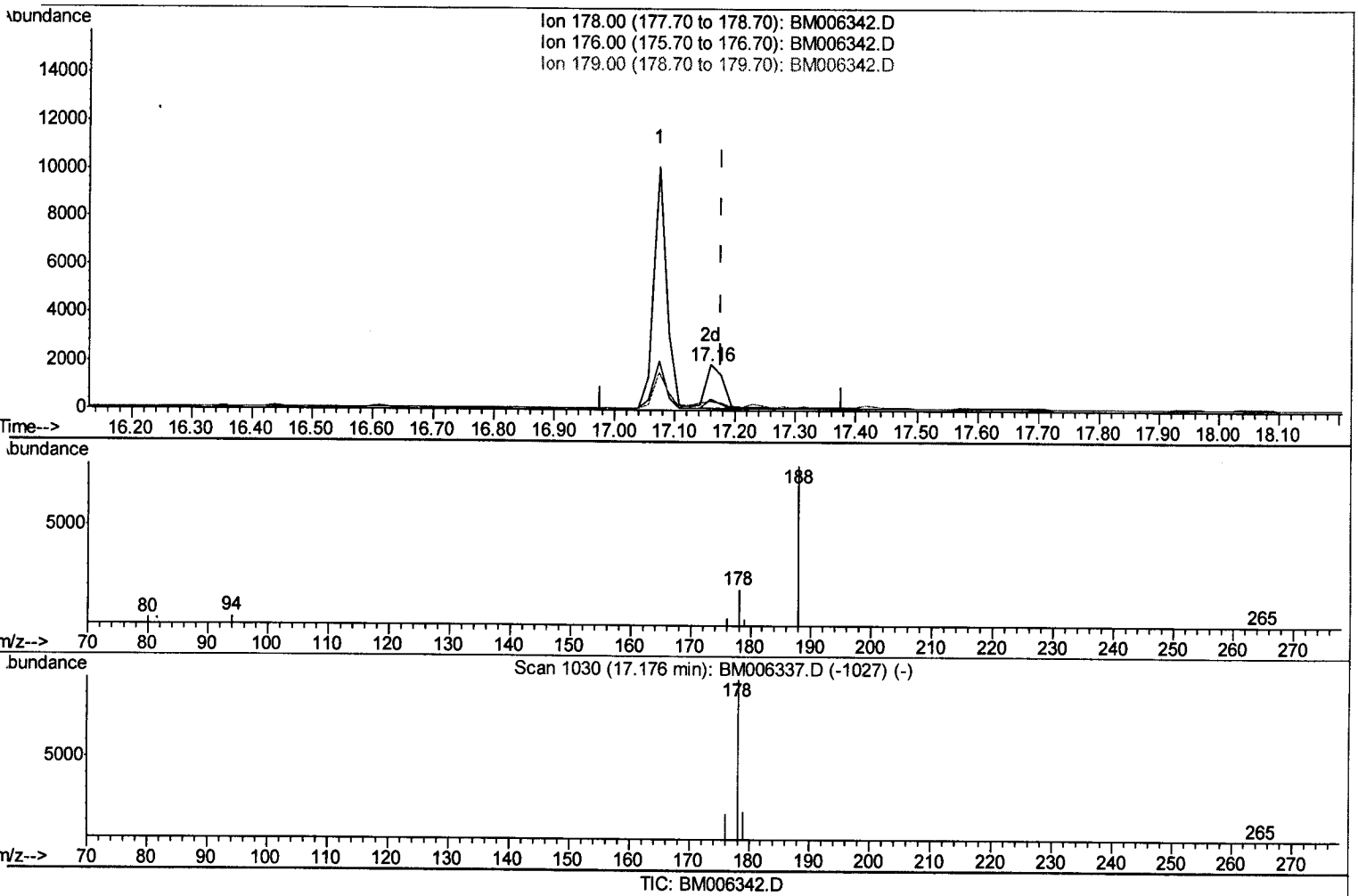
Quant Time: Jul 08 08:22:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration



TIC: BM006342.D

(15) Anthracene

17.159min (-0.017) 0.06ng/ul m U.M 07/13/16

response 3622

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	23.63#
179.00	16.10	20.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
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Operator : UM/SJ
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Misc :
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QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integratio
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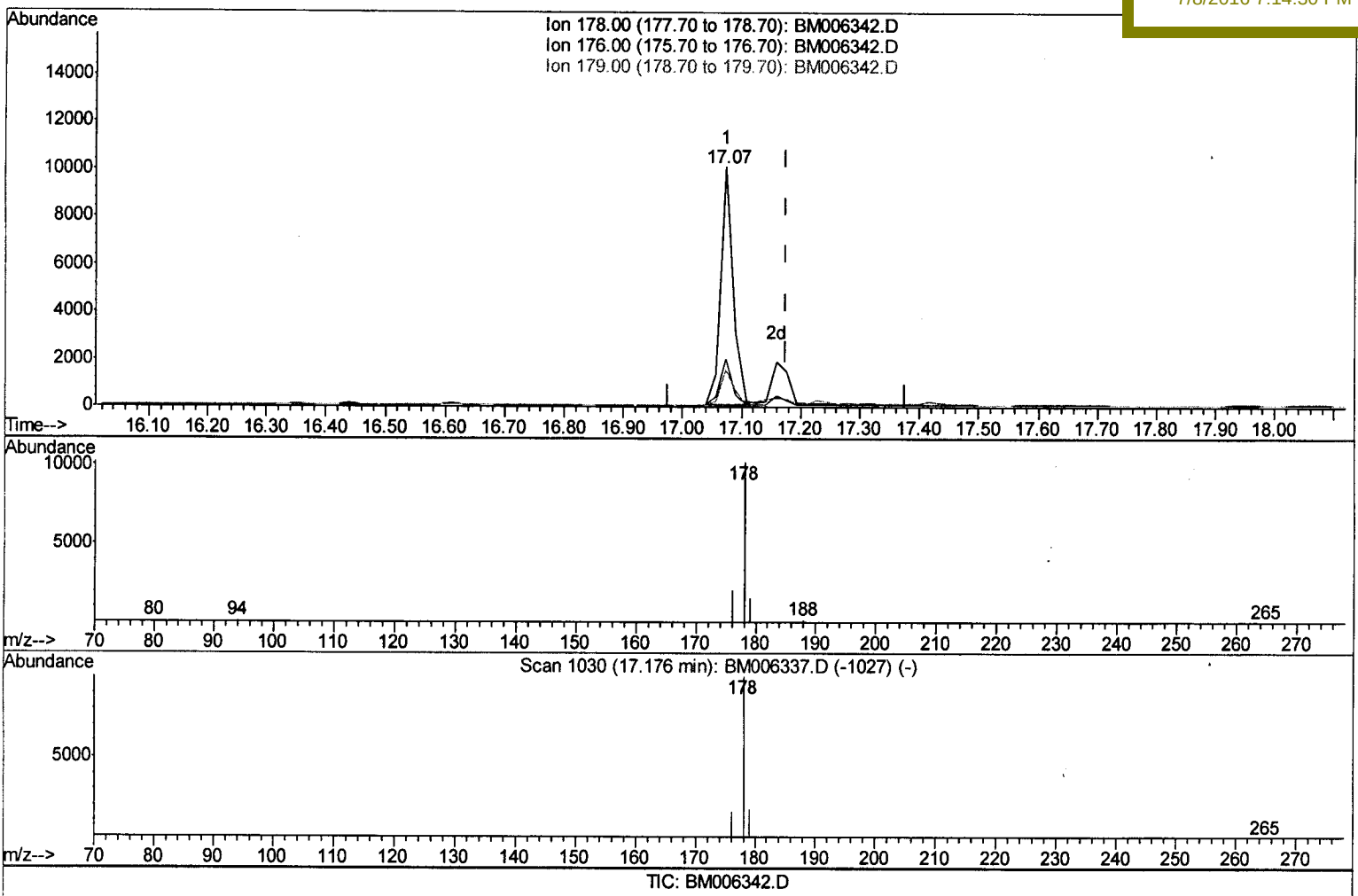

TIC: BM006342.D

(15) Anthracene

17.073min (-0.103) 0.25ng/ul

response 15041

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	20.18
179.00	16.10	15.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
Sample : H3811-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 08 08:22:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integratio
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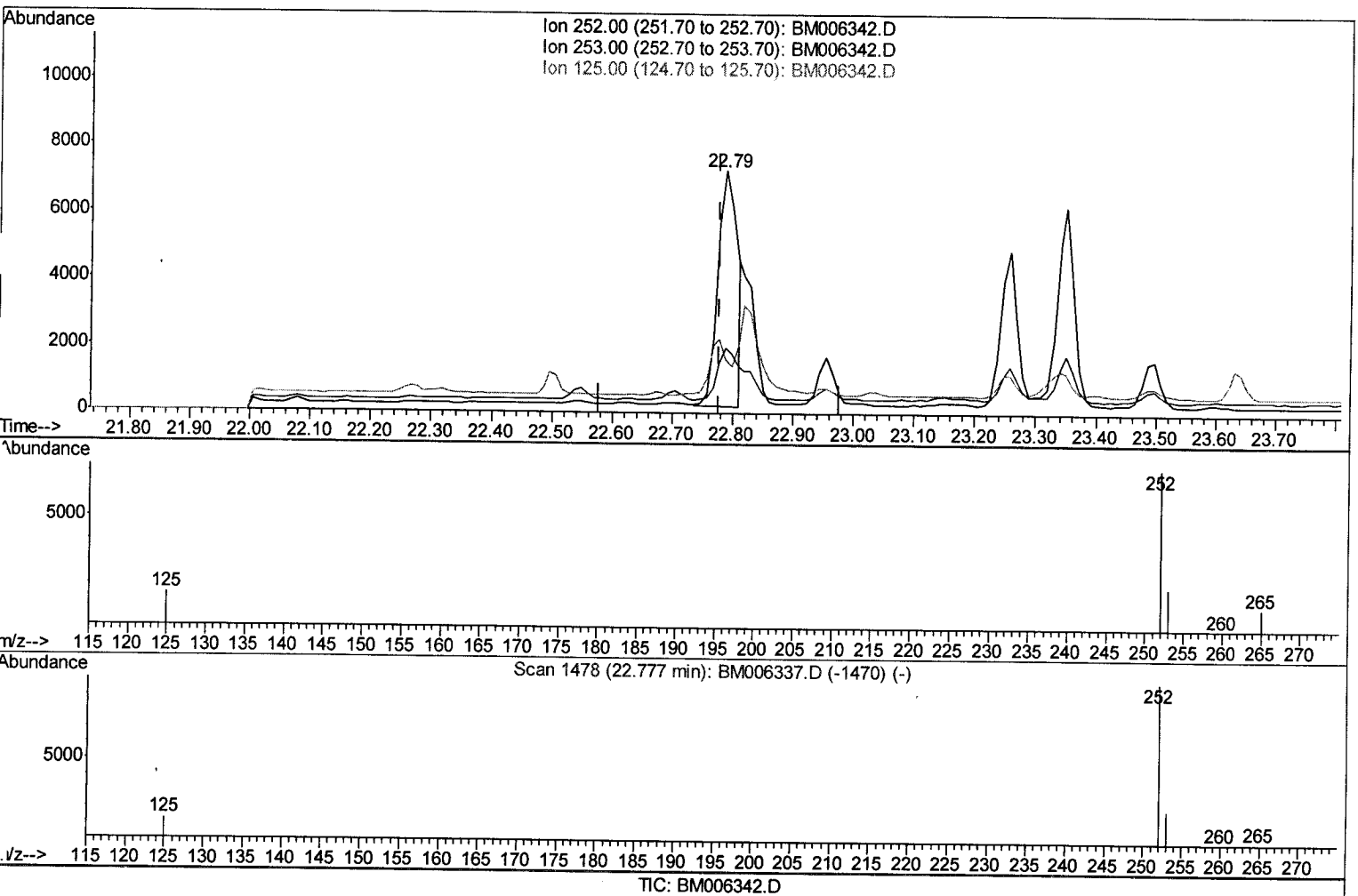

(23) Benzo(b)fluoranthene

22.788min (+0.010) 0.32ng/ul m U.M 07/13/16

response 15800

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.79
125.00	14.40	21.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
Sample : H3811-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 08 08:22:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integratio
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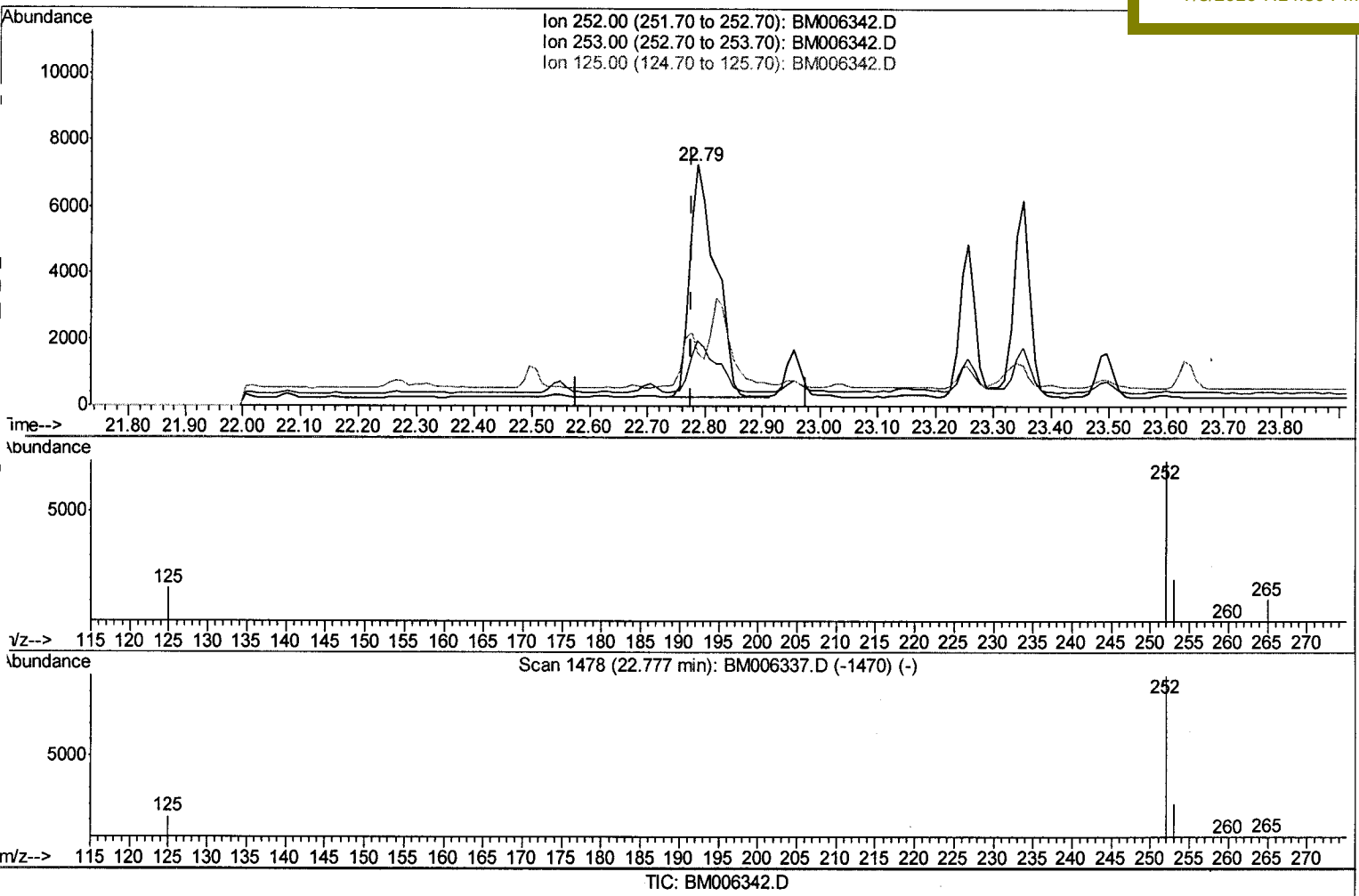

TIC: BM006342.D

(23) Benzo(b)fluoranthene

22.788min (+0.010) 0.43ng/ul

response 21657

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.79
125.00	14.40	21.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
Sample : H3811-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 08 08:22:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

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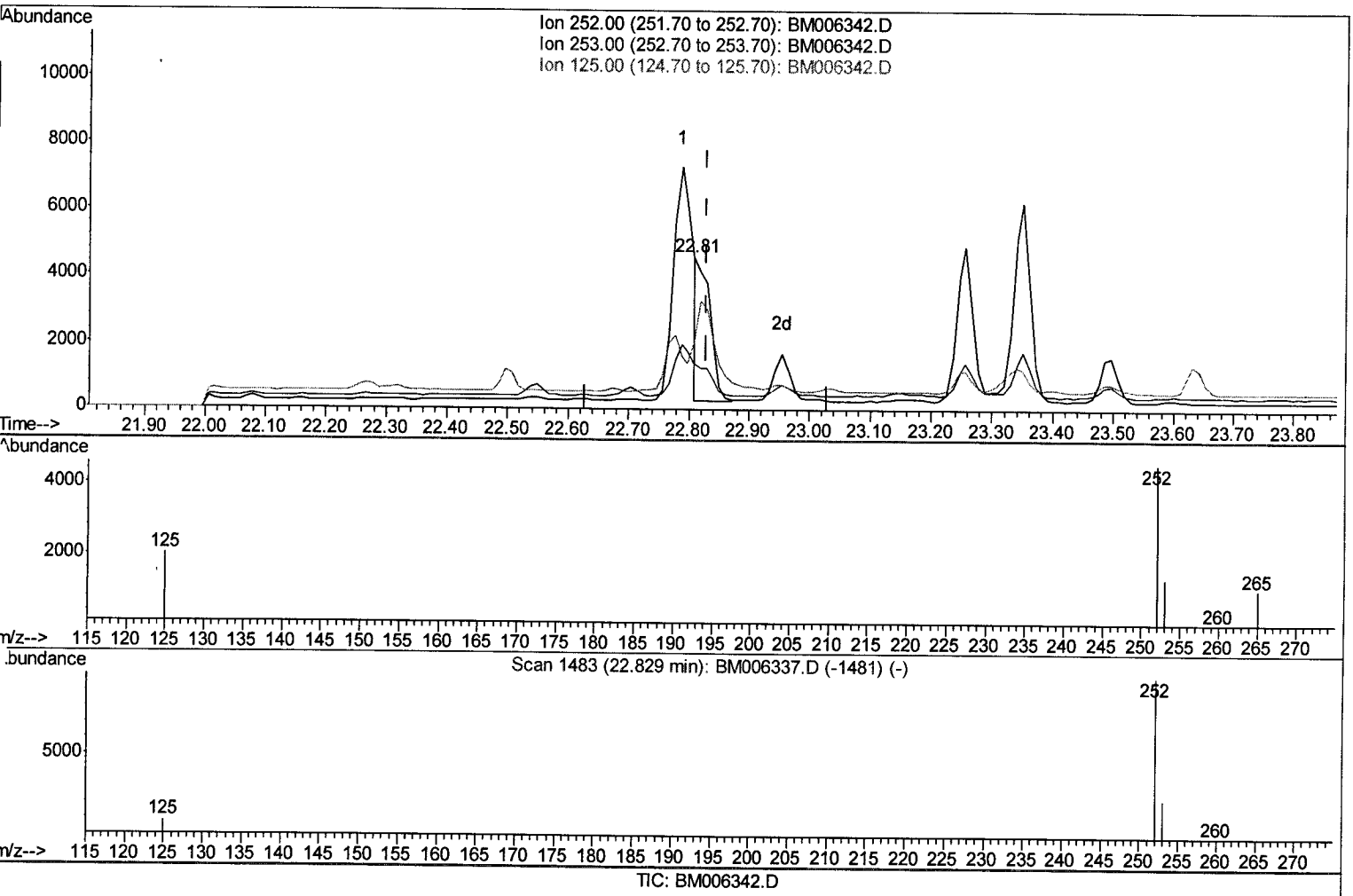

(24) Benzo(k)fluoranthene

22.808min (-0.021) 0.13ng/ul m U.M 07/13/16

response 6070

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	30.53#
125.00	13.00	44.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
Sample : H3811-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 08 08:22:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integratio
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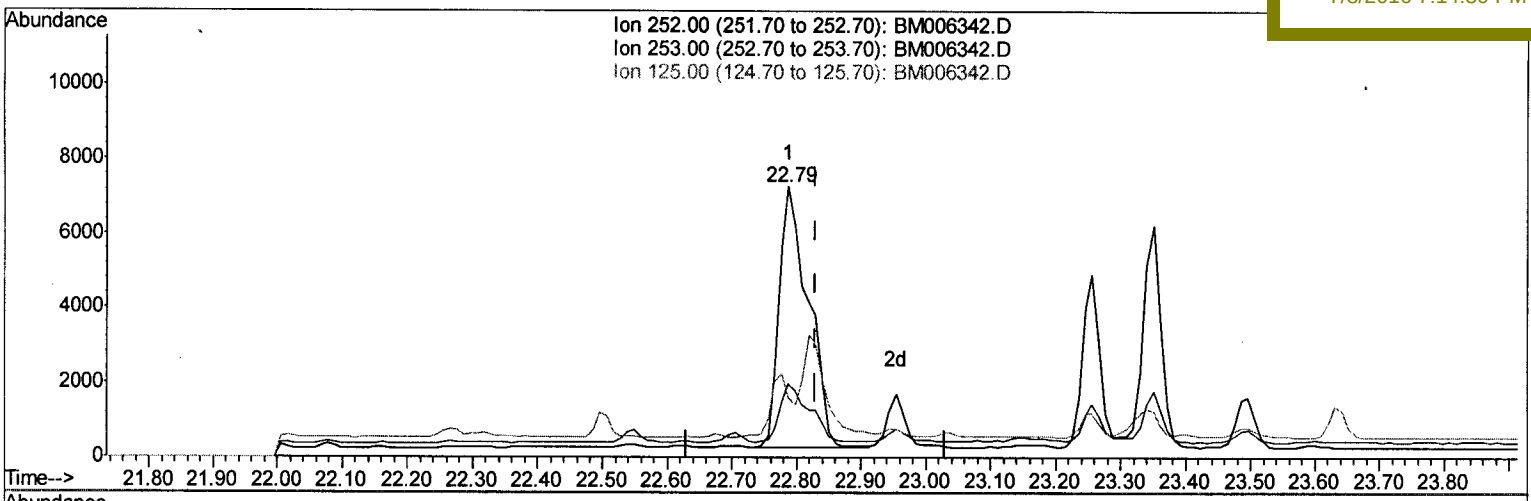

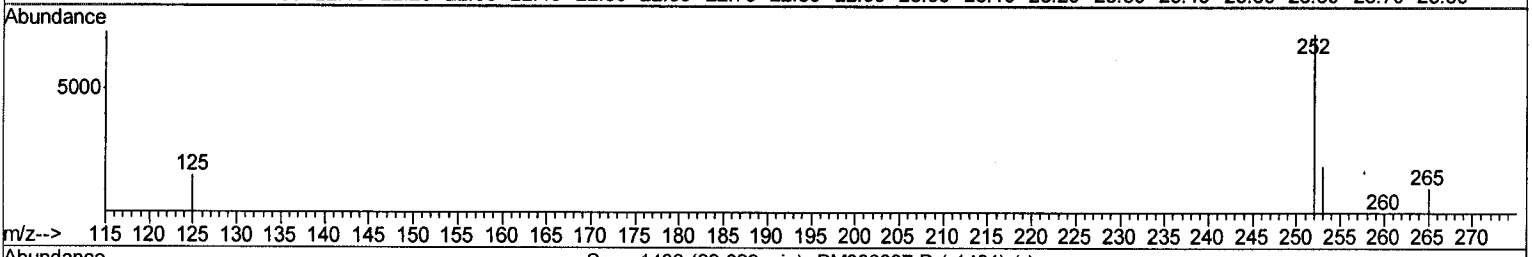

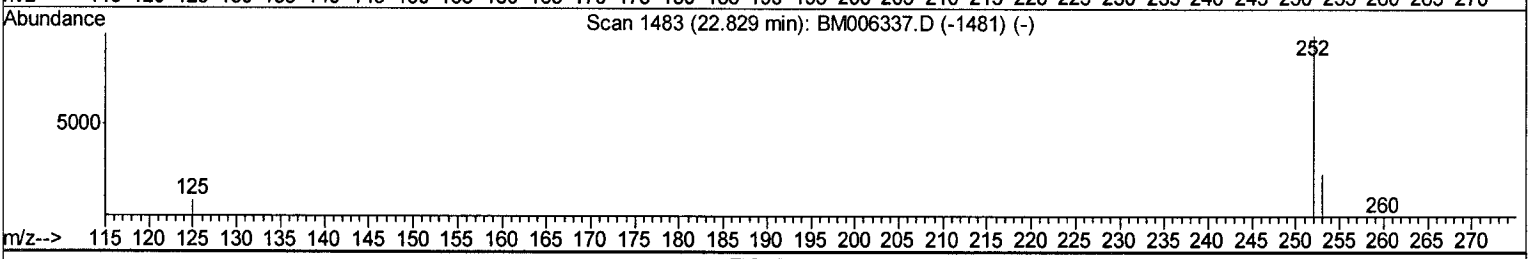

TIC: BM006342.D

(24) Benzo(k)fluoranthene

22.788min (-0.042) 0.47ng/ul

response 21657

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.79
125.00	13.00	21.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
Sample : H3811-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 08 08:22:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
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Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integratio
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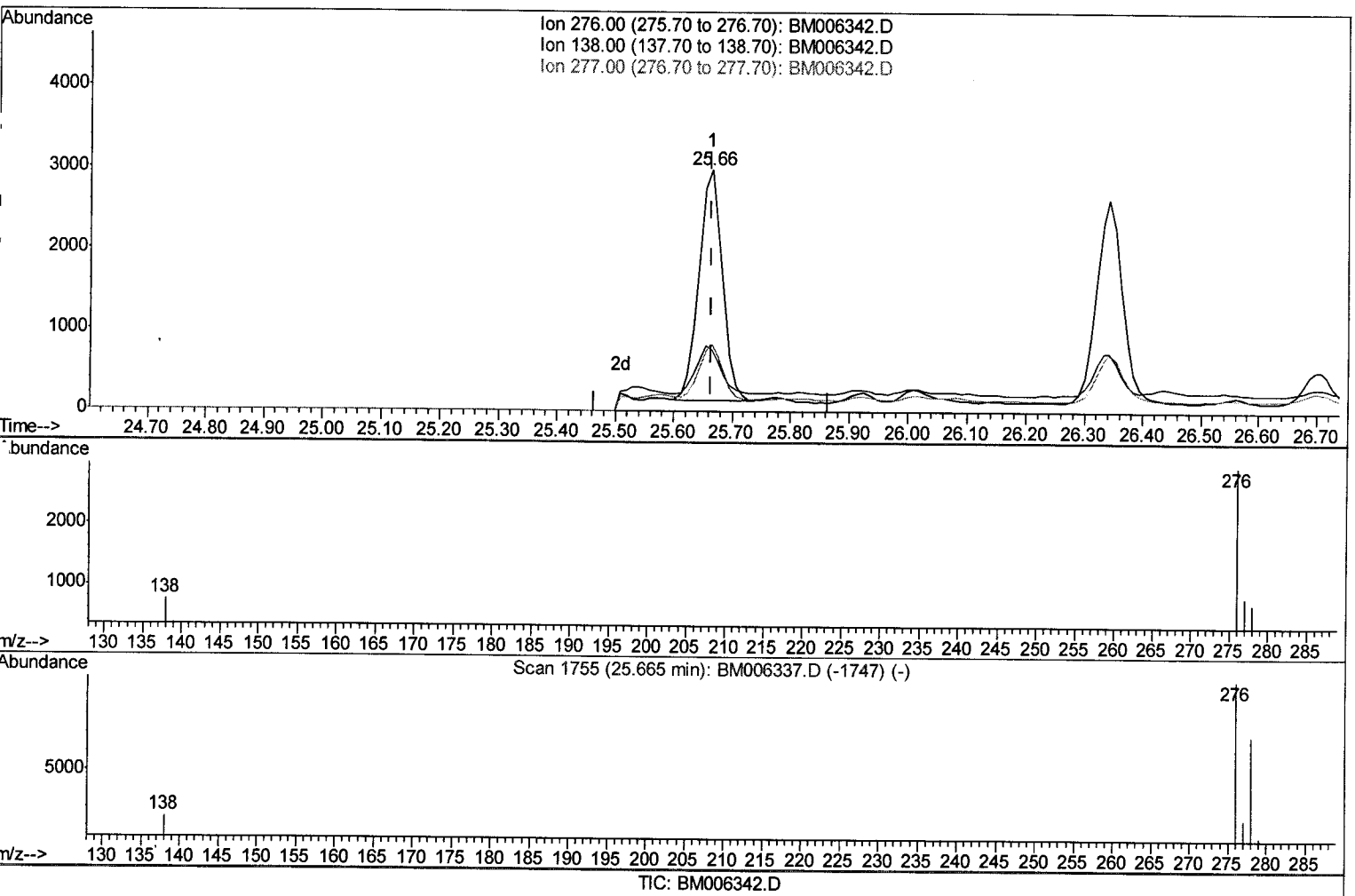

TIC: BM006342.D

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

25.665min (+0.000) 0.16ng/ul m U.M 07/13/16

response 7994

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	35.23#
277.00	24.80	32.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
Sample : H3811-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 08 08:22:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
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QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integrati
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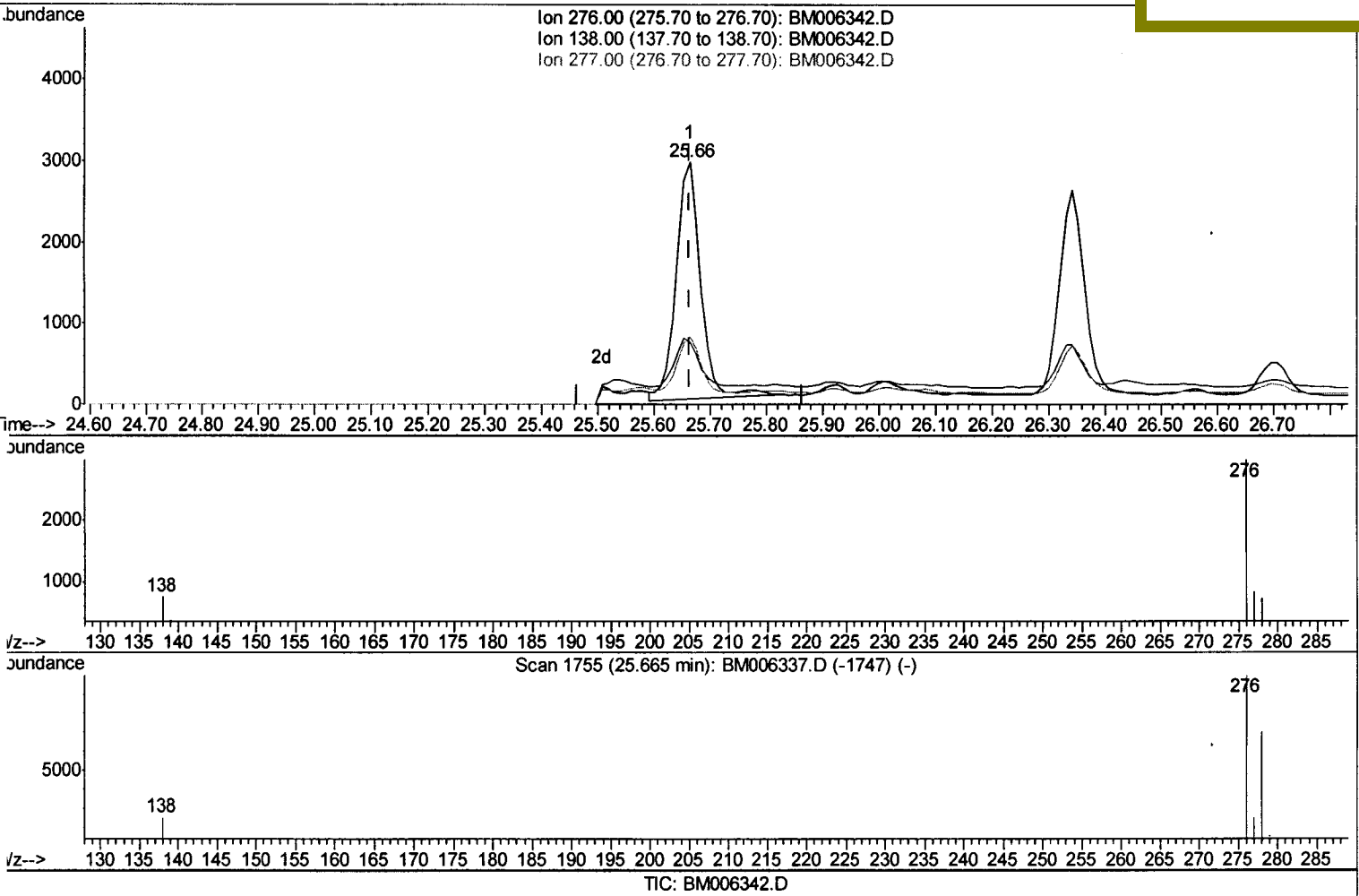

TIC: BM006342.D

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

25.665min (+0.000) 0.17ng/ul

response 8875

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	31.73#
277.00	24.80	29.01
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006342.D
Acq On : 08 Jul 2016 05:32
Operator : UM/SJ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 08 08:51:05 2016
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BNA_M
ClientSampleId :
A4TV8DL

Manual Integratio
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4718	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18417	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	10502	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	23106	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15673	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	13941	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	1310	0.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	984	0.05	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	3208	0.07	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.46	128	654	0.02	ng/ul#	62
7) 2-Methylnaphthalene	12.09	142	327	0.01	ng/ul	100
9) Acenaphthylene	14.01	152	1432	0.04	ng/ul#	92
10) Acenaphthene	14.35	153	635	0.02	ng/ul#	90
11) Fluorene	15.34	166	816	0.02	ng/ul#	81
14) Phenanthrene	17.07	178	15041	0.24	ng/ul#	93
15) Anthracene	17.16	178	3622m	0.06	ng/ul	
17) Fluoranthene	19.10	202	29849	0.42	ng/ul	97
19) Pyrene	19.46	202	27377	0.42	ng/ul	98
20) Benzo(a)anthracene	21.22	228	13056	0.26	ng/ul#	90
21) Chrysene	21.28	228	12752	0.26	ng/ul	94
23) Benzo(b)fluoranthene	22.79	252	15800m	0.32	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	6070m	0.13	ng/ul	
25) Benzo(a)pyrene	23.35	252	11497	0.25	ng/ul#	92
26) Indeno(1,2,3-cd)pyrene	25.66	276	7994m	0.16	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	1942	0.05	ng/ul#	50
28) Benzo(g,h,i)perylene	26.34	276	7943	0.18	ng/ul	96

U.M 07/13/16

U.M 07/13/16

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