Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006338.D
Acq On : 08 Jul 2016 03:07
Operator : UM/SJ
Sample : H3811-14DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 08 08:29:49 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TW2DL

Manual Integratio
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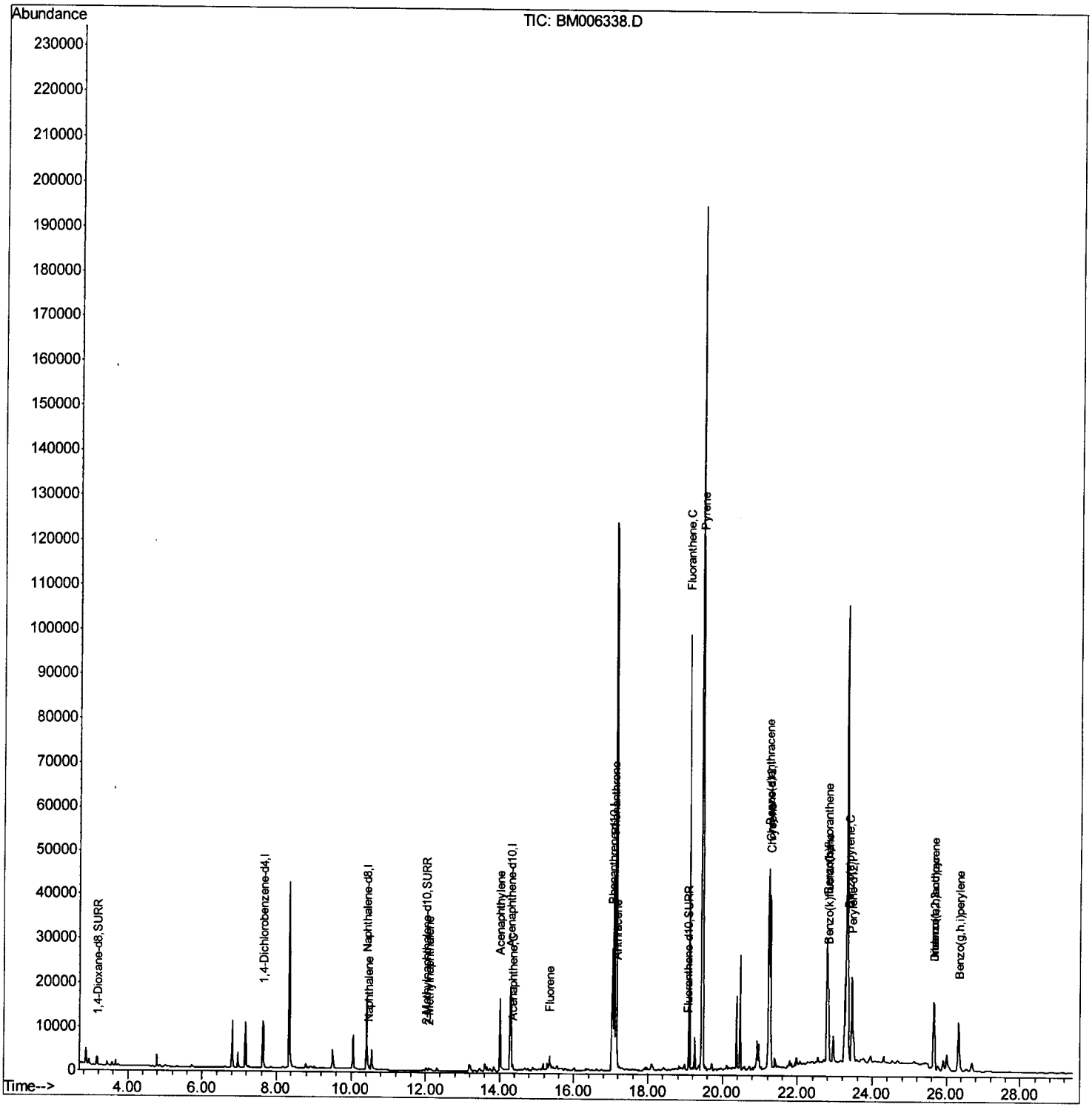

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : H3811-14DL 5X
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Quant Time: Jul 08 08:22:18 2016
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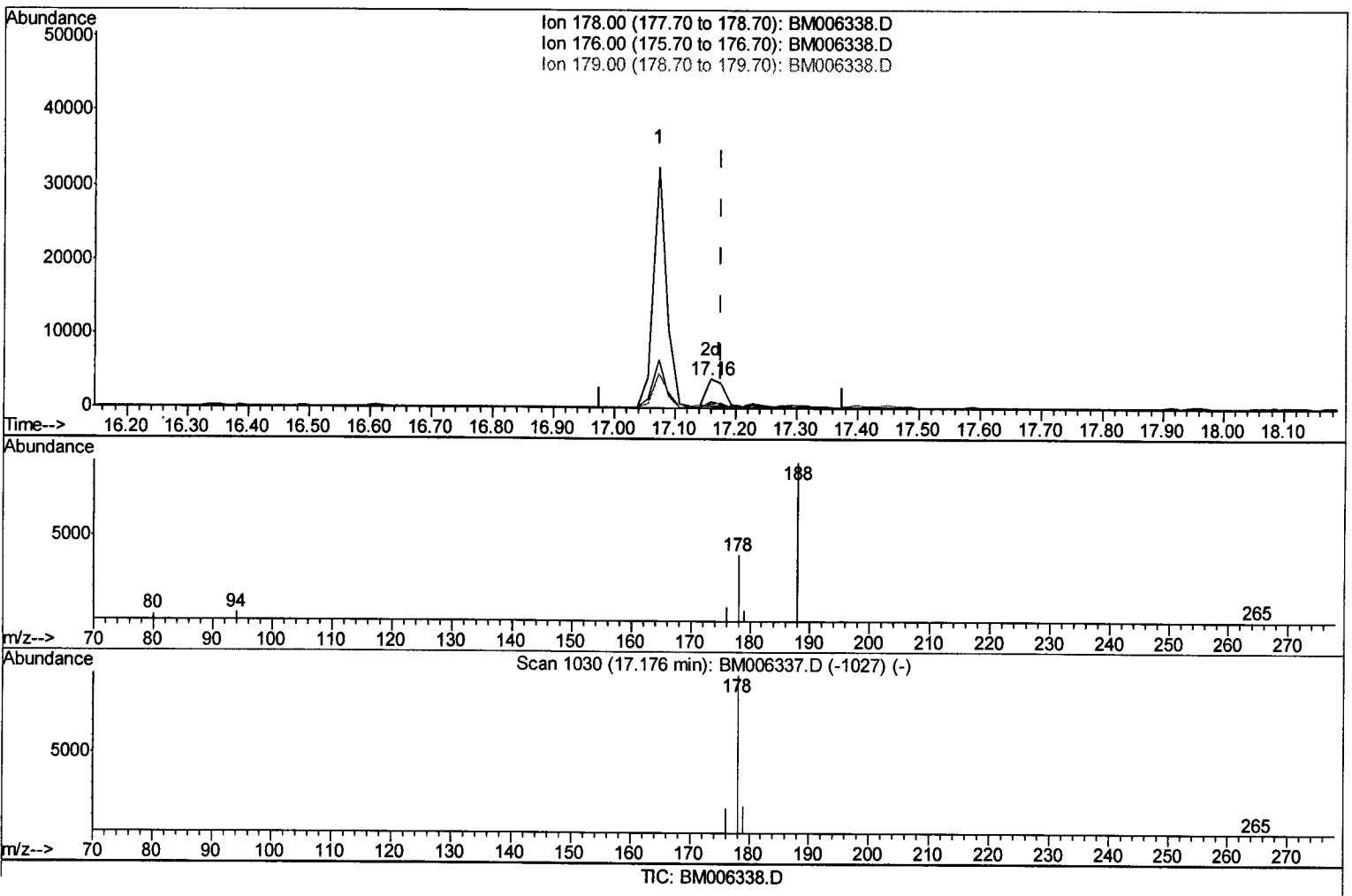

(15) Anthracene

17.159min (-0.017) 0.08ng/ul m V.M 07/13/16

response 7043

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	22.37#
179.00	16.10	16.97
0.00	0.00	0.00

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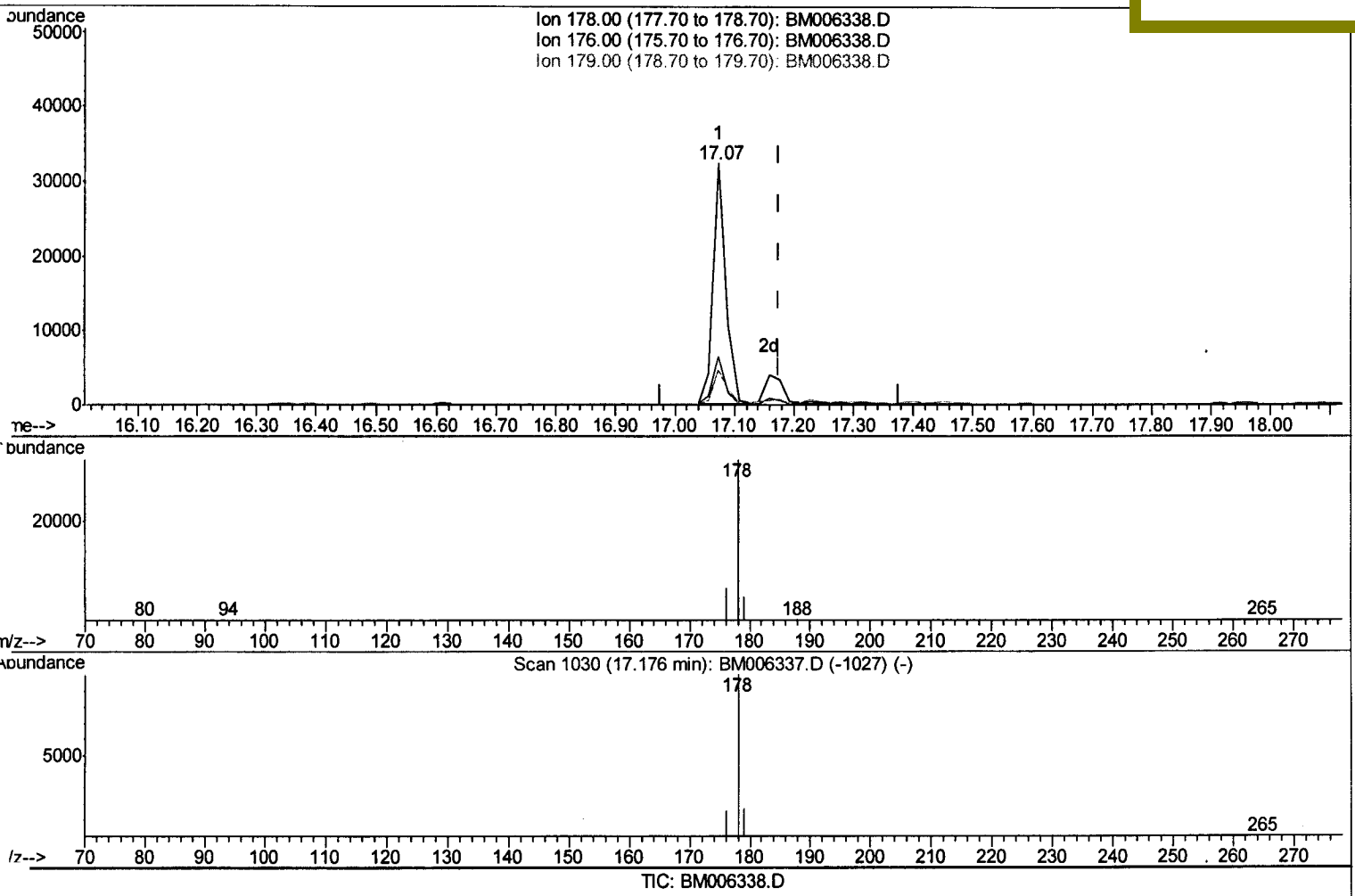

TIC: BM006338.D

(15) Anthracene

17.073min (-0.103) 0.53ng/ul

response 48967

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	19.91
179.00	16.10	14.67
0.00	0.00	0.00

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ClientSampleId :
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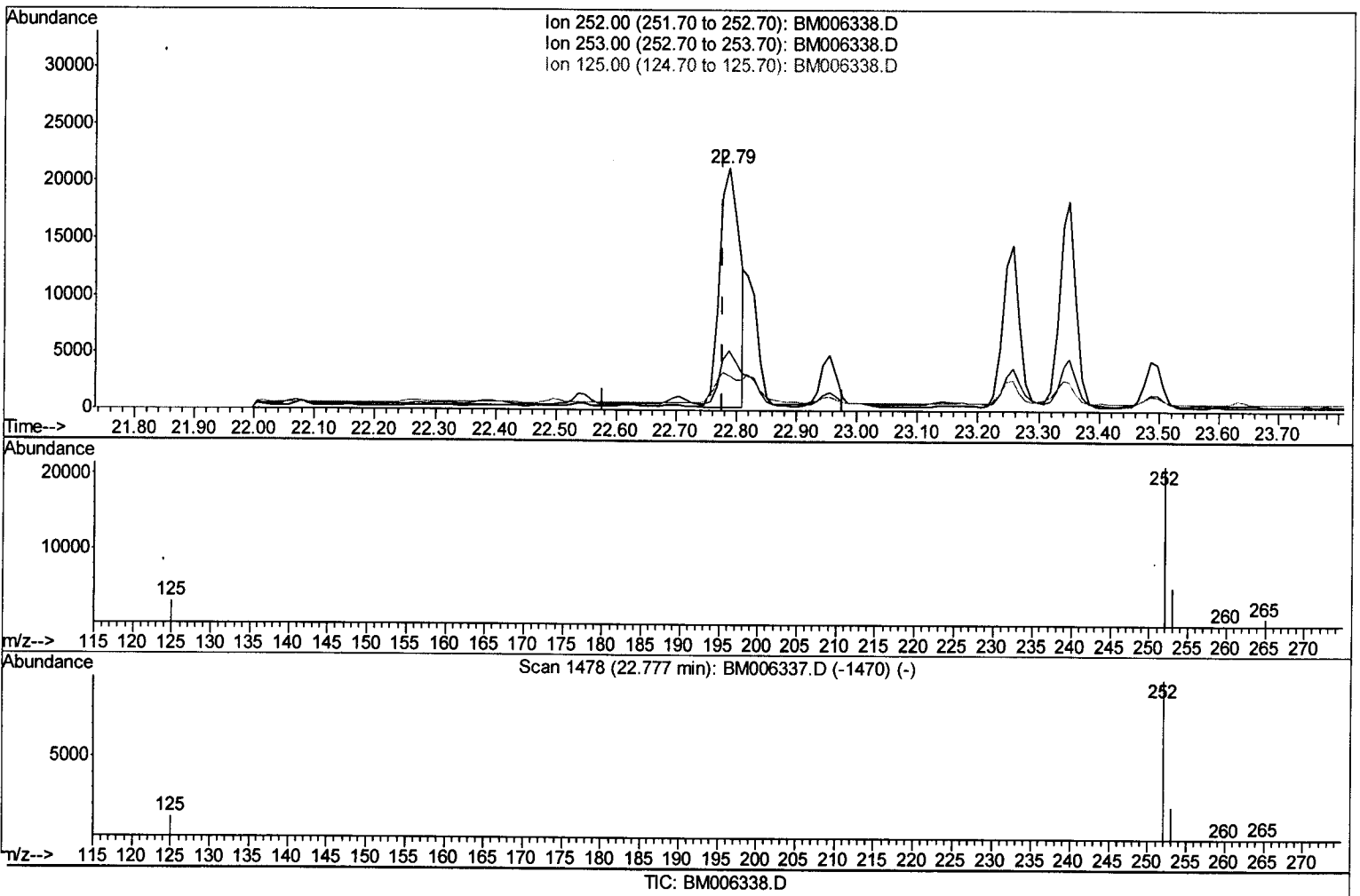

TIC: BM006338.D

(23) Benzo(b)fluoranthene

22.787min (+0.010) 0.53ng/ul m U.M 07/13/16

response 49197

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.80
125.00	14.40	14.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 28 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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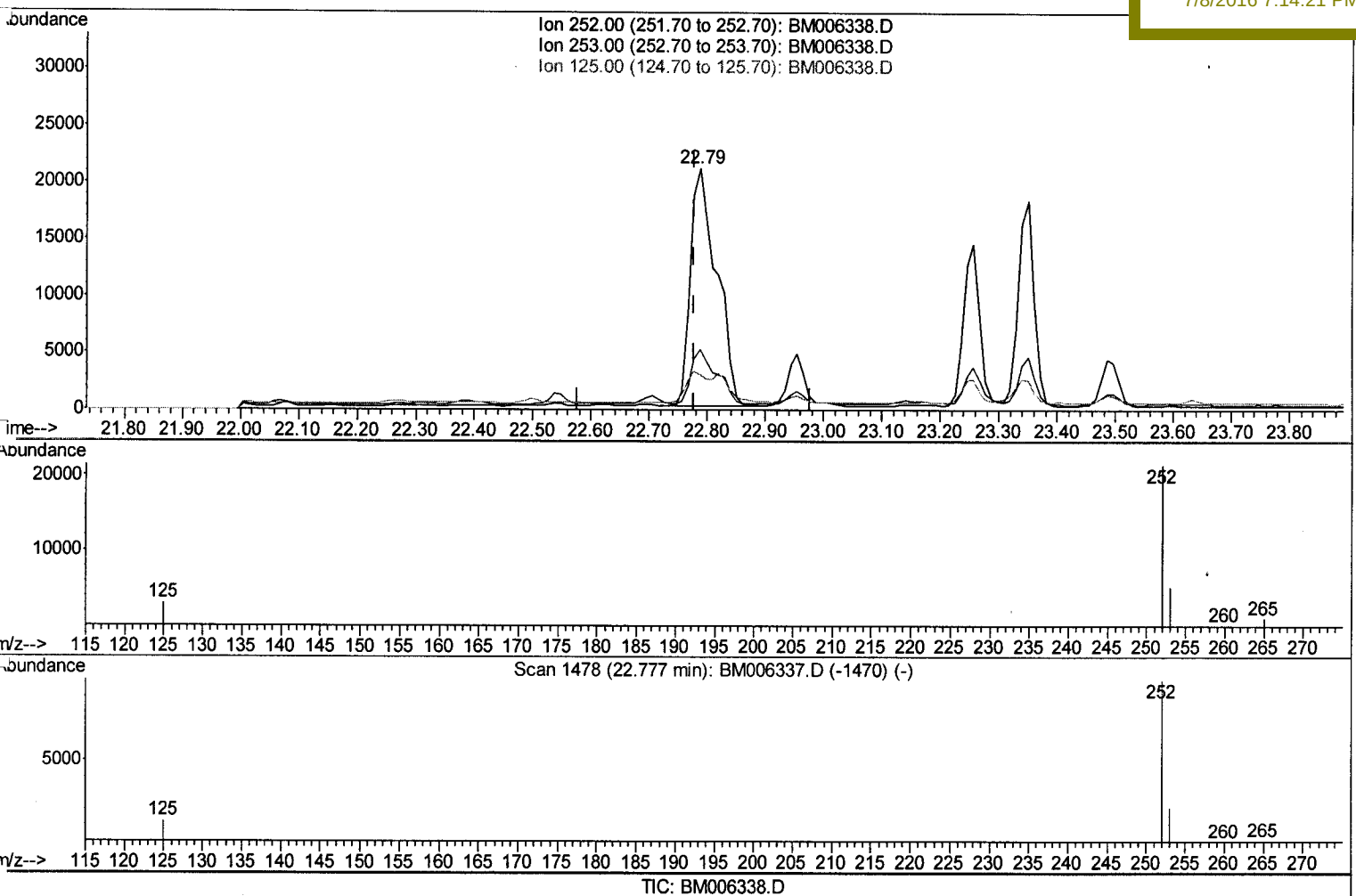

TIC: BM006338.D

(23) Benzo(b)fluoranthene

22.787min (+0.010) 0.71ng/ul

response 65227

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.80
125.00	14.40	14.62
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006338.D
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Operator : UM/SJ
Sample : H3811-14DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 08 08:22:18 2016
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Instrument :
BNA_M
ClientSampleId :
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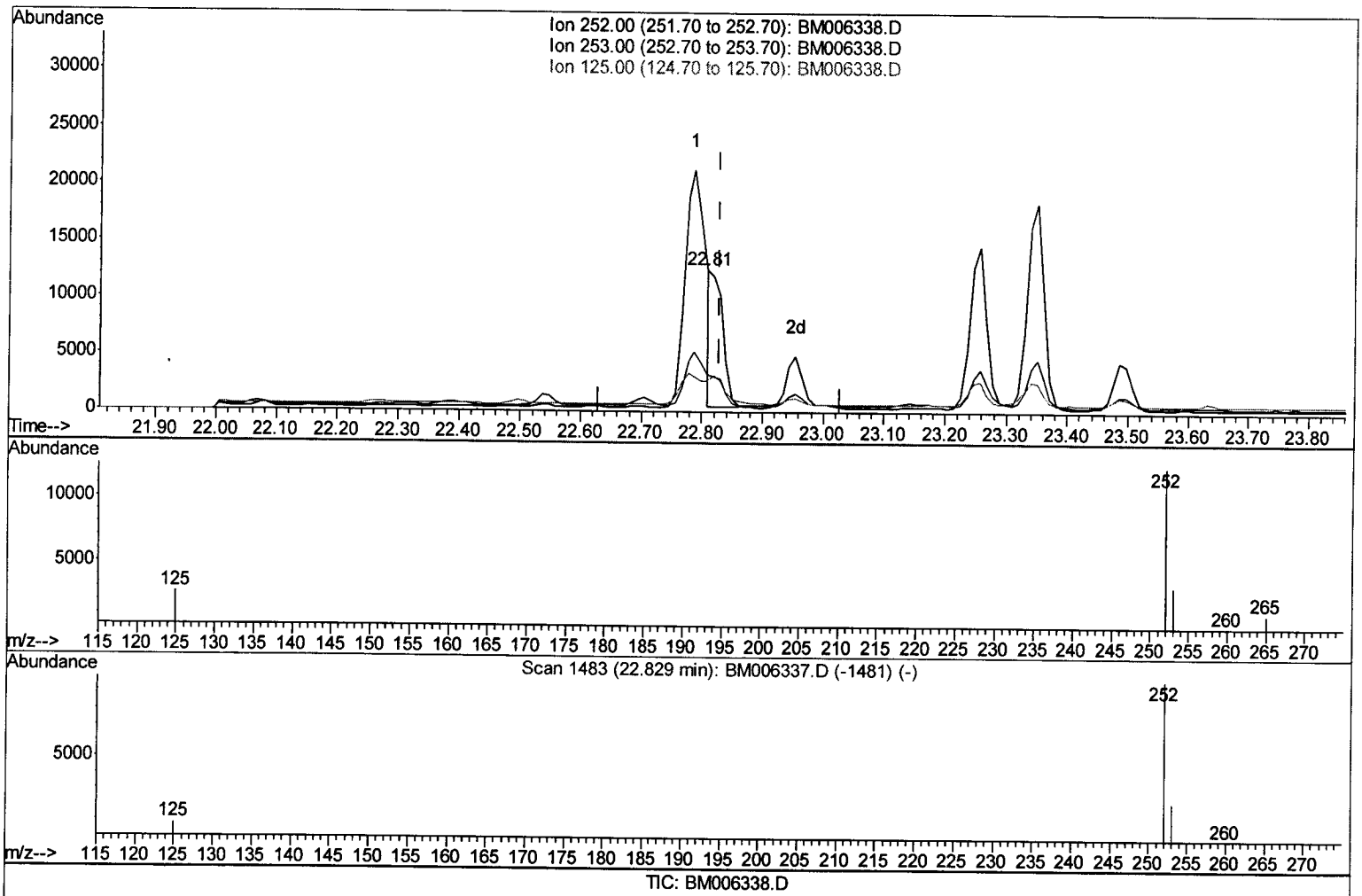

TIC: BM006338.D

(24) Benzo(k)fluoranthene

22.808min (-0.021) 0.19ng/ul m U,M 07/13/16

response 16052

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.52
125.00	13.00	21.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM006338.D
Acq On : 08 Jul 2016 03:07
Operator : UM/SJ
Sample : H3811-14DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 08 08:22:18 2016
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Instrument :
BNA_M
ClientSampleId :
A4TW2DL

Manual Integratio
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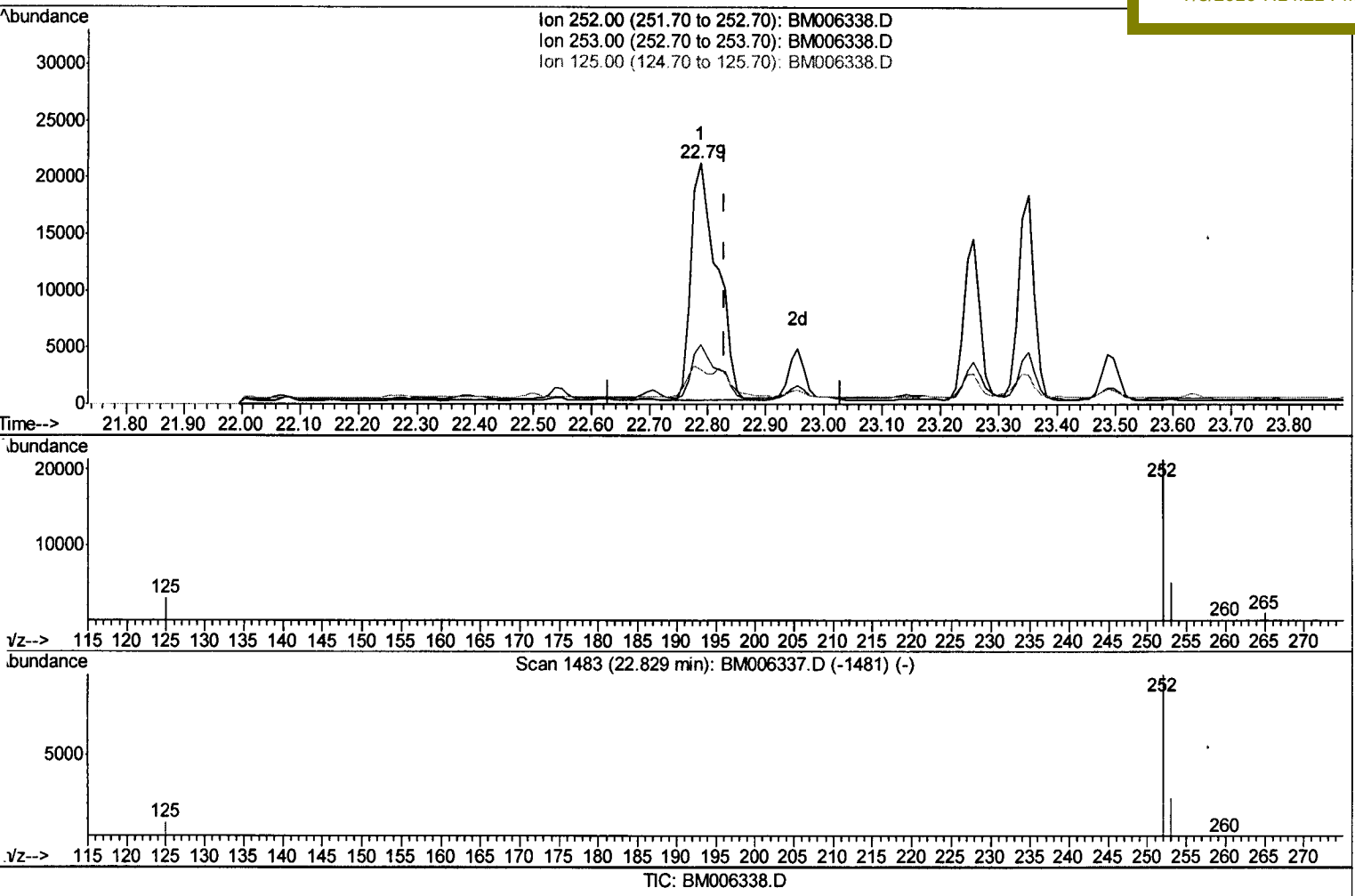

TIC: BM006338.D

(24) Benzo(k)fluoranthene

22.787min (-0.042) 0.76ng/ul

response 65227

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.80
125.00	13.00	14.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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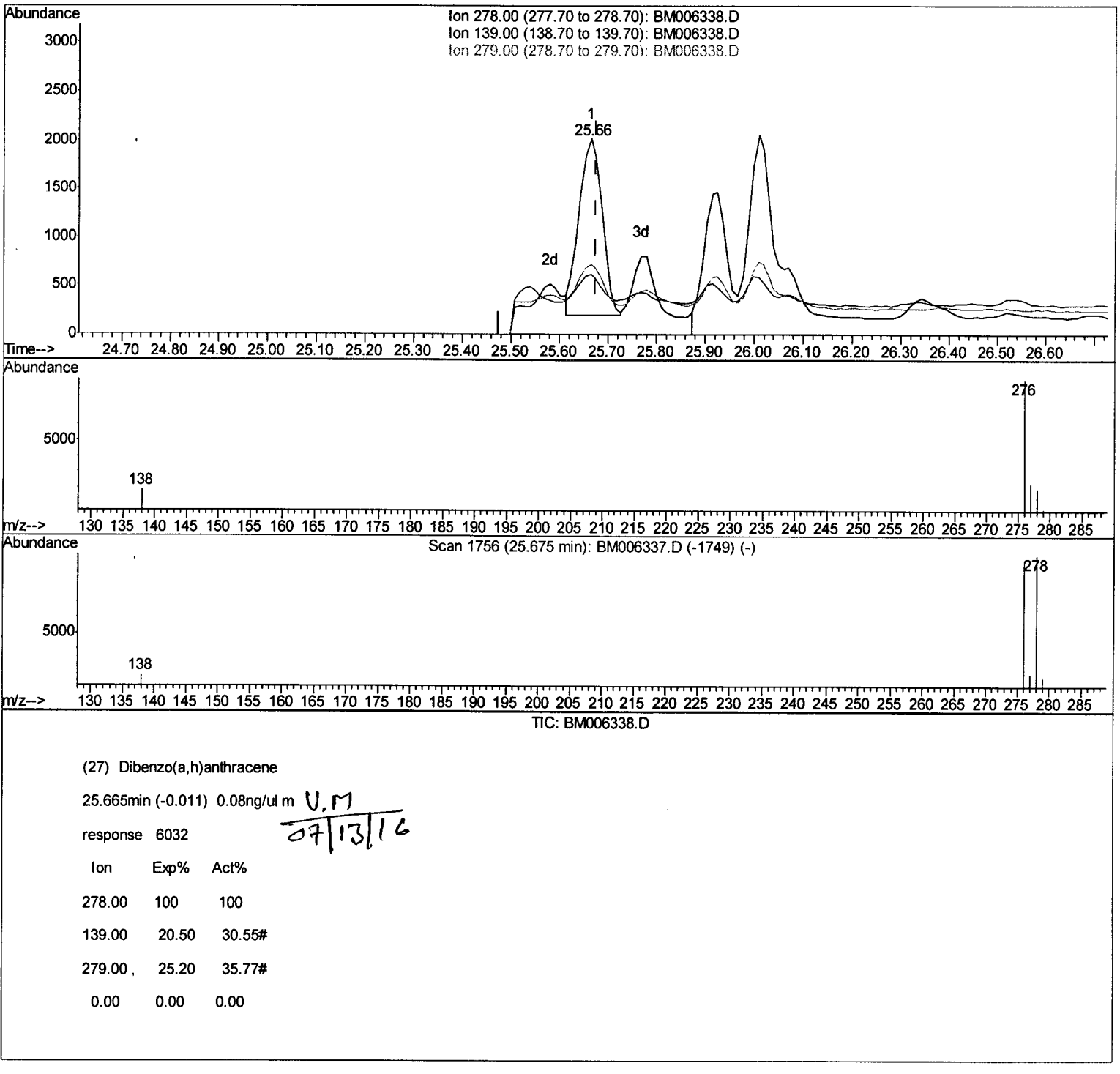

TIC: BM006338.D

(27) Dibenzo(a,h)anthracene

25.665min (-0.011) 0.08ng/ul m V.M 07/13/16

response 6032

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	30.55#
279.00	25.20	35.77#
0.00	0.00	0.00

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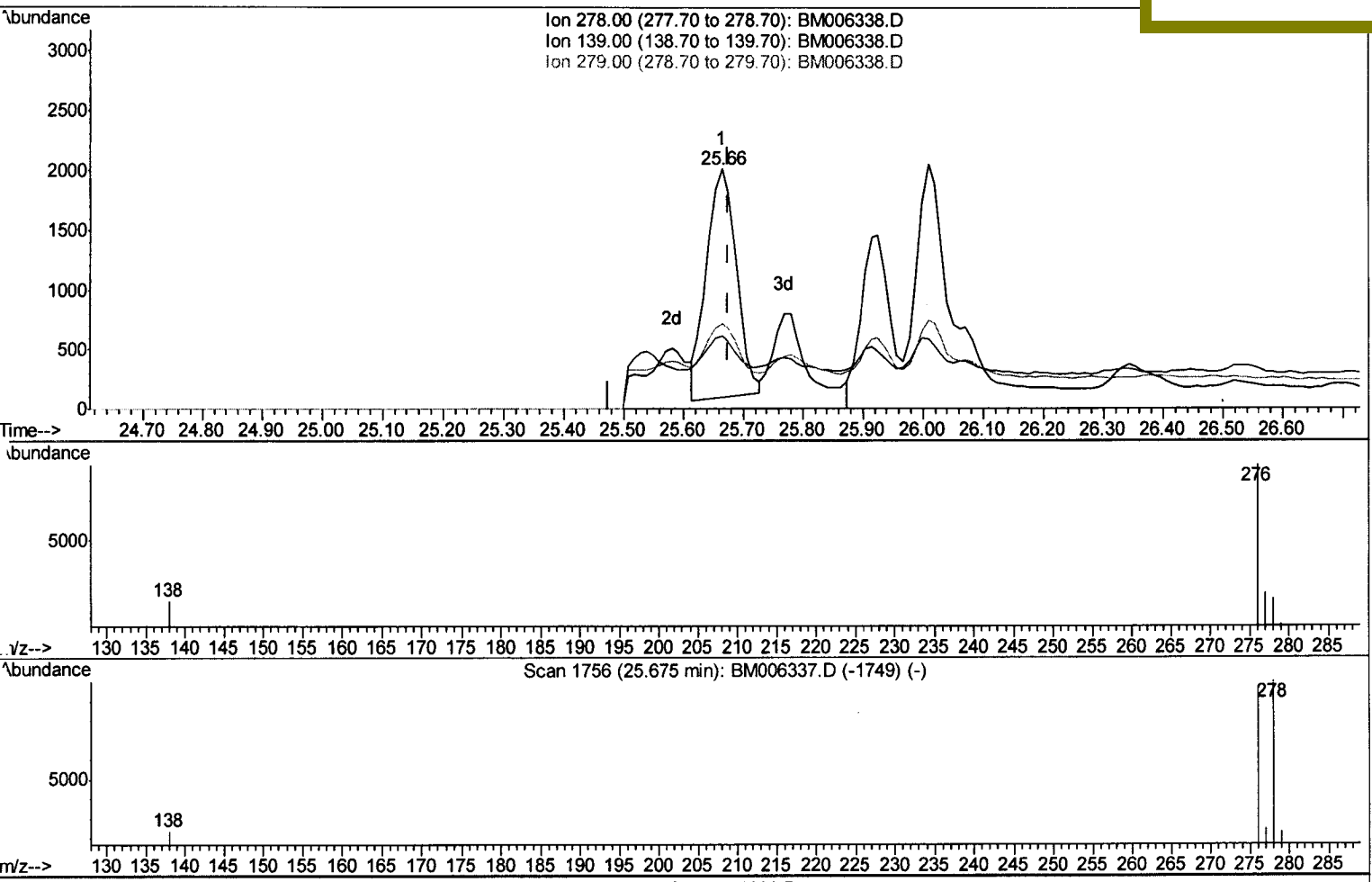

TIC: BM006338.D

(27) Dibenzo(a,h)anthracene

25.665min (-0.011) 0.09ng/ul

response 6682

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	30.55#
279.00	25.20	35.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
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Instrument : BNA_M
ClientSampleId : A4TW2DL

Manual Integratio
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6737	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	26802	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	15186	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	36009	0.40	ng/ul	0.00
18) Chrysene-d12	21.23	240	28344	0.40	ng/ul	-0.01
22) Perylene-d12	23.44	264	25741	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	1623	0.57	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	1152	0.04	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	3844	0.05	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.46	128	1033	0.02	ng/ul#	72
7) 2-Methylnaphthalene	12.09	142	521	0.01	ng/ul	98
9) Acenaphthylene	14.01	152	9687	0.19	ng/ul#	93
10) Acenaphthene	14.35	153	896	0.02	ng/ul#	88
11) Fluorene	15.34	166	2682	0.05	ng/ul#	81
14) Phenanthrene	17.07	178	48988	0.49	ng/ul#	92
15) Anthracene	17.16	178	7043m	0.08	ng/ul	
17) Fluoranthene	19.10	202	105324	0.96	ng/ul	98
19) Pyrene	19.46	202	102555	0.86	ng/ul	99
20) Benzo(a)anthracene	21.22	228	39773	0.43	ng/ul#	86
21) Chrysene	21.27	228	41991	0.47	ng/ul#	91
23) Benzo(b)fluoranthene	22.79	252	49197m	0.53	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	16052m	0.19	ng/ul	
25) Benzo(a)pyrene	23.35	252	34476	0.40	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.65	276	27026	0.28	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.66	278	6032m	0.08	ng/ul	
28) Benzo(g,h,i)perylene	26.33	276	23451	0.29	ng/ul	95

U.M 07/13/16

U.M 07/13/16

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