Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006637.D
Acq On : 22 Jul 2016 23:01
Operator : UM/SJ
Sample : H4077-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 23 01:10:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YT1

Manual Integrati
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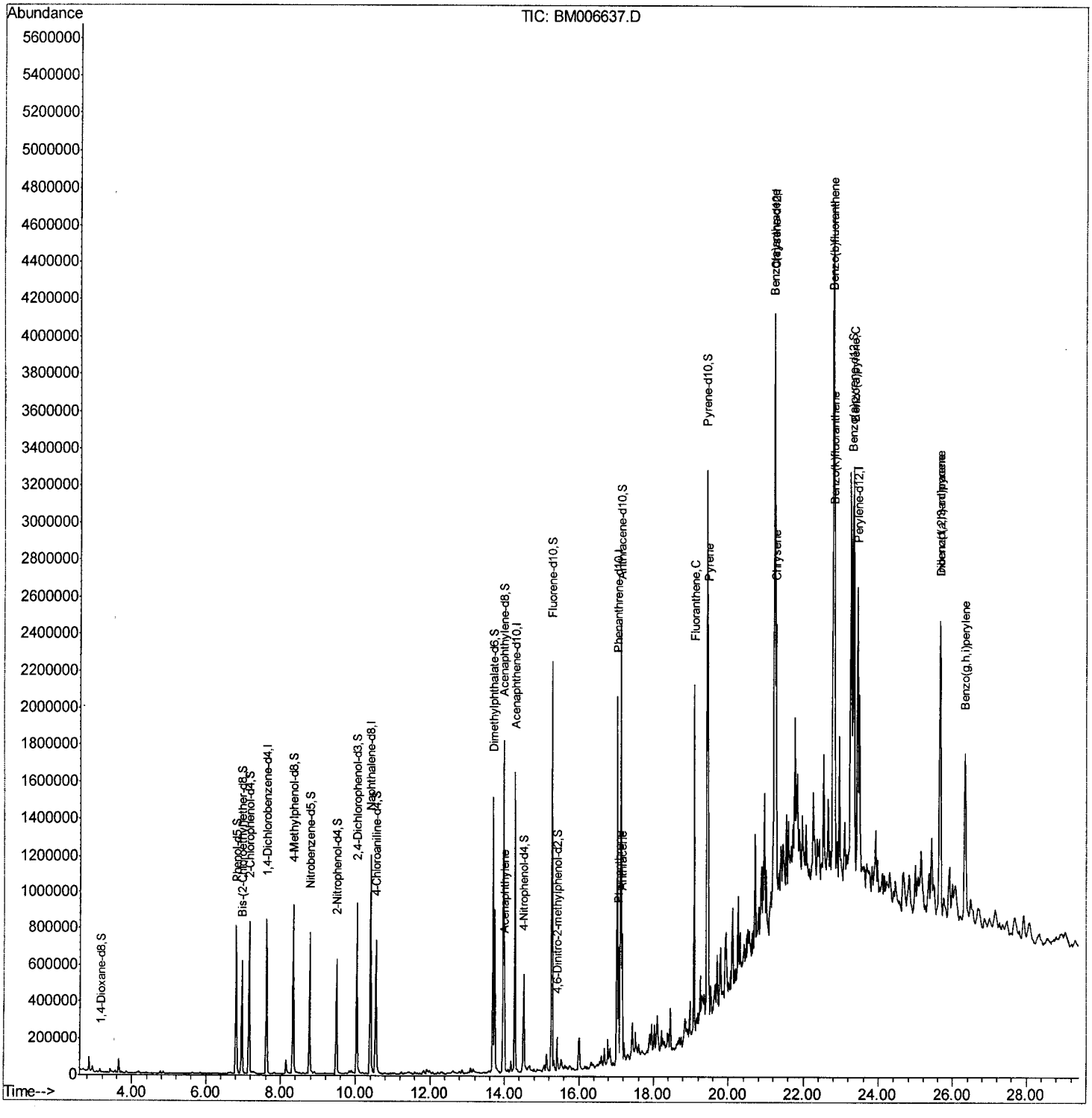
sohil
7/25/2016 6:39:14 PM



Quantitation Report (Qedit)

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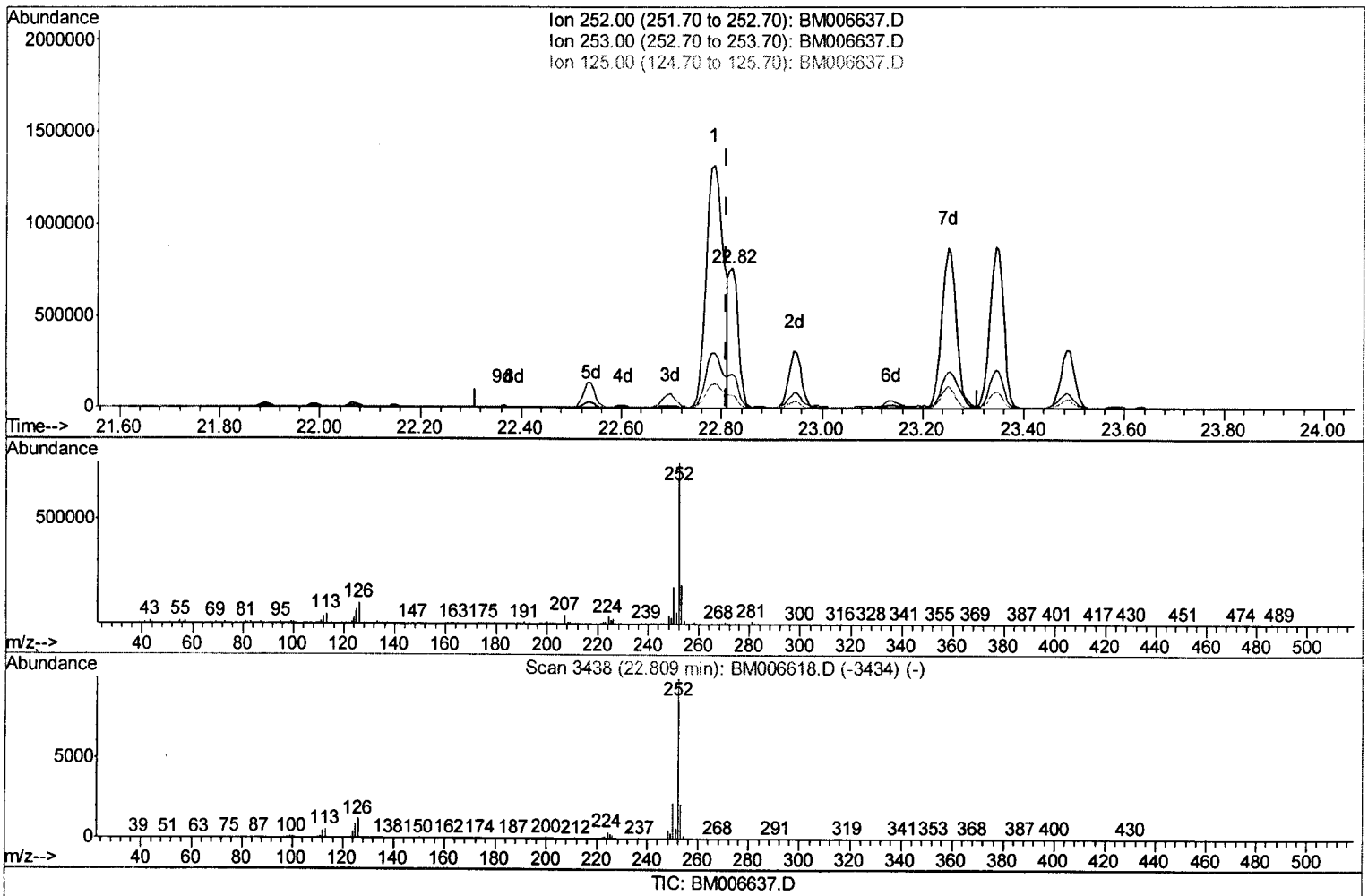

TIC: BM006637.D

(36) Benzo(k)fluoranthene

22.821min (+0.012) 14.52ng/ul m U.M 07/26/16

response 1043965

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.51
125.00	9.60	9.20
0.00	0.00	0.00

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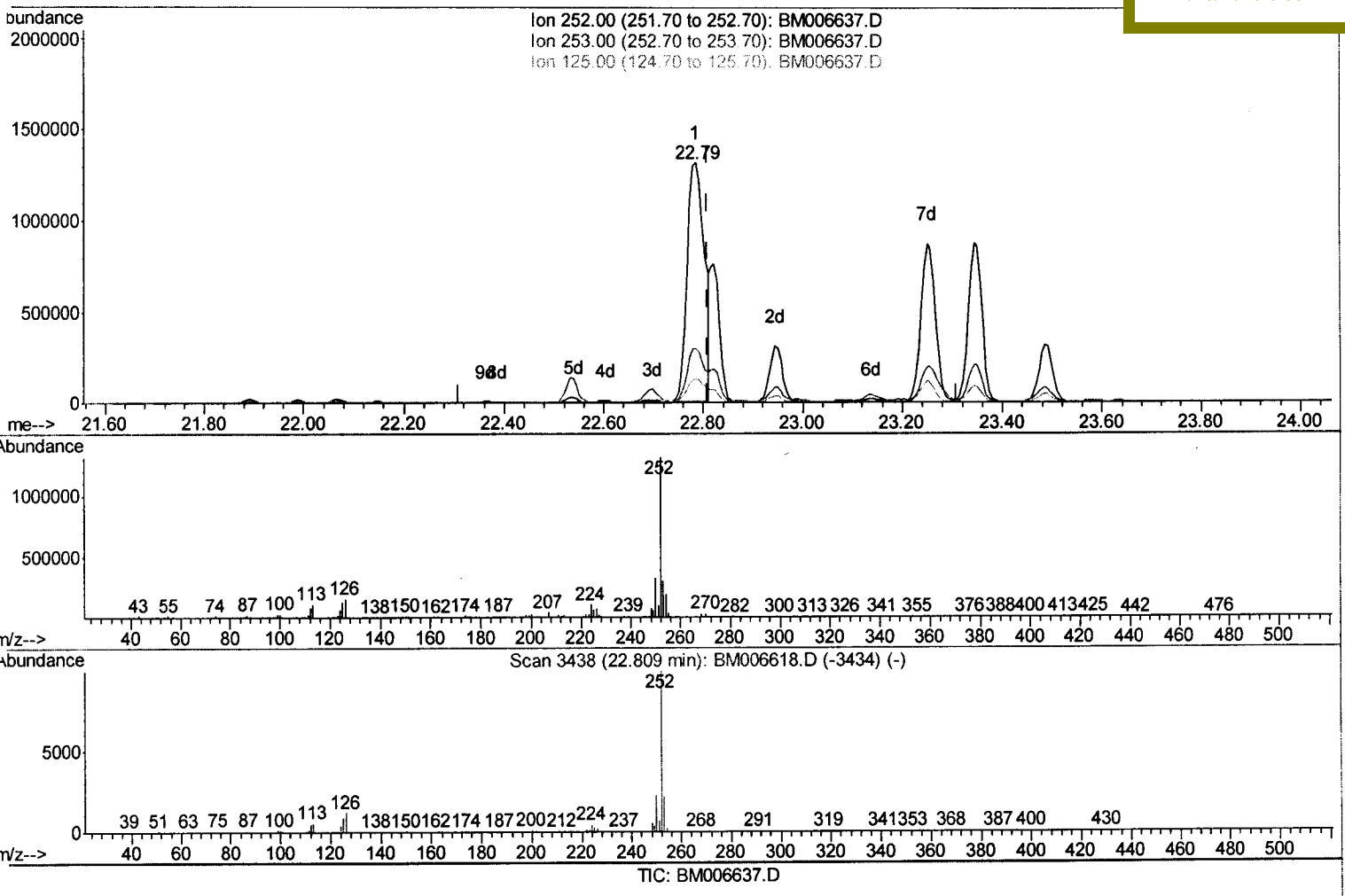

TIC: BM006637.D

(36) Benzo(k)fluoranthene

22.785min (-0.024) 42.95ng/ul

response 3087352

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.71
125.00	9.60	9.88
0.00	0.00	0.00

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Manual Integratio
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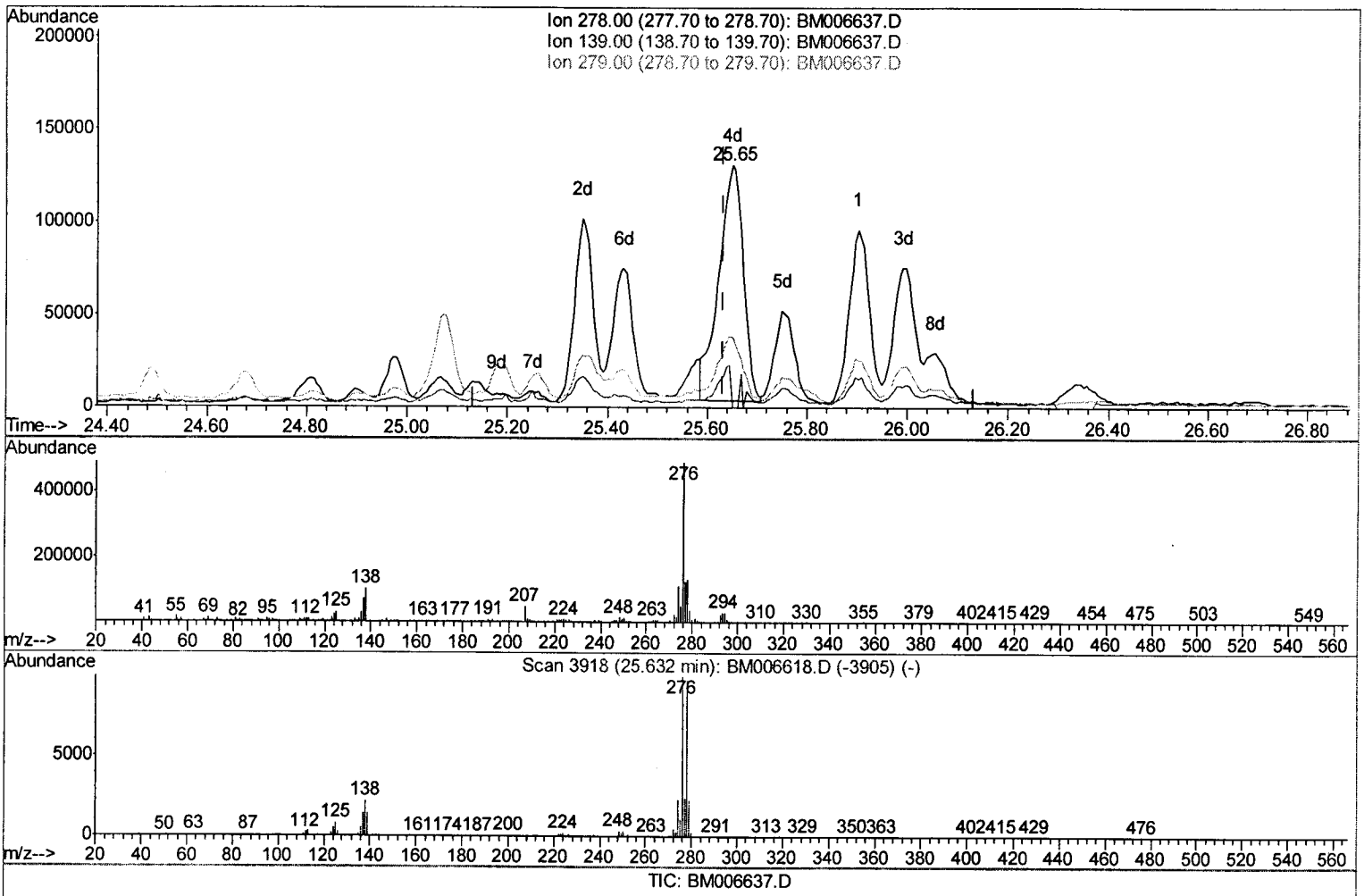

TIC: BM006637.D

(40) Dibenzo(a,h)anthracene

25.650min (+0.018) 6.33ng/ul m 4.M

response 439712 07/26/16

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	0.00#
279.00	24.80	29.09
0.00	0.00	0.00

Quantitation Report (Qedit)

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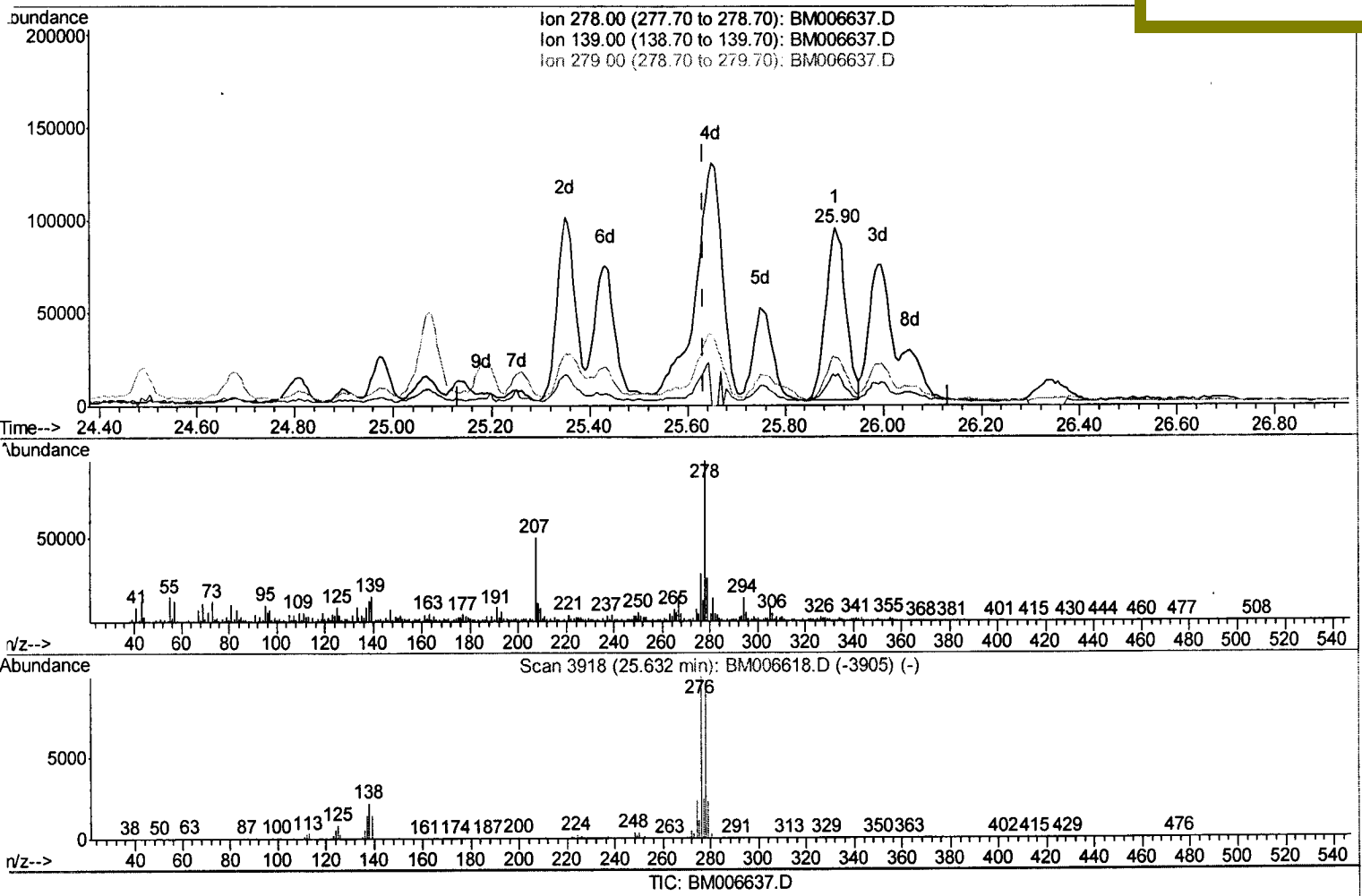

TIC: BM006637.D

(40) Dibenzo(a,h)anthracene

25.903min (+0.271) 3.76ng/ul

response 261424

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	16.37
279.00	24.80	26.75
0.00	0.00	0.00

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Manual Integratio
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	220883	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	980390	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	541017	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	1170478	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1142844	20.00	ng/ul	0.00
34) Perylene-d12	23.44	264	1240282	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	10653	1.95	ng/uL	0.00
3) Phenol-d5	6.80	99	453146	24.11	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	282067	24.23	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	354938	23.64	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	341001	23.40	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	176058	23.72	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	185611	23.52	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	339368	22.76	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	391877	23.86	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	988271	23.30	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1281536	23.67	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	146065	19.83	ng/ul	0.02
21) Fluorene-d10	15.27	176	889476	23.45	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.42	200	34531	5.68	ng/ul	0.01
26) Anthracene-d10	17.12	188	1362428	24.51	ng/ul	0.00
30) Pyrene-d10	19.43	212	1449741	27.84	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1428493	25.04	ng/ul	0.02
Target Compounds						Qvalue
18) Acenaphthylene	13.99	152	324361	5.59	ng/ul	96
25) Phenanthrene	17.07	178	377398	5.73	ng/ul	100
27) Anthracene	17.16	178	394872	5.83	ng/ul	99
28) Fluoranthene	19.09	202	1092281	14.12	ng/ul	100
31) Pyrene	19.46	202	1283386	18.55	ng/ul	98
32) Benzo(a)anthracene	21.21	228	1073012	15.49	ng/ul	94
33) Chrysene	21.26	228	1162521	18.20	ng/ul	97
35) Benzo(b)fluoranthene	22.79	252	3087352	41.53	ng/ul	100
36) Benzo(k)fluoranthene	22.82	252	1043965m	14.52	ng/ul	
38) Benzo(a)pyrene	23.34	252	1658608	22.92	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.66	276	1443502	17.22	ng/ul	98
40) Dibenzo(a,h)anthracene	25.65	278	439712m	6.33	ng/ul	
41) Benzo(g,h,i)perylene	26.34	276	1157466	16.11	ng/ul	97

U.M. 07/26/16

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