Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007010.D
Acq On : 10 Aug 2016 21:11
Operator : UM/SJ
Sample : H4303-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 11 03:29:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA0H5

Manual Integrations APPROVED
umangi
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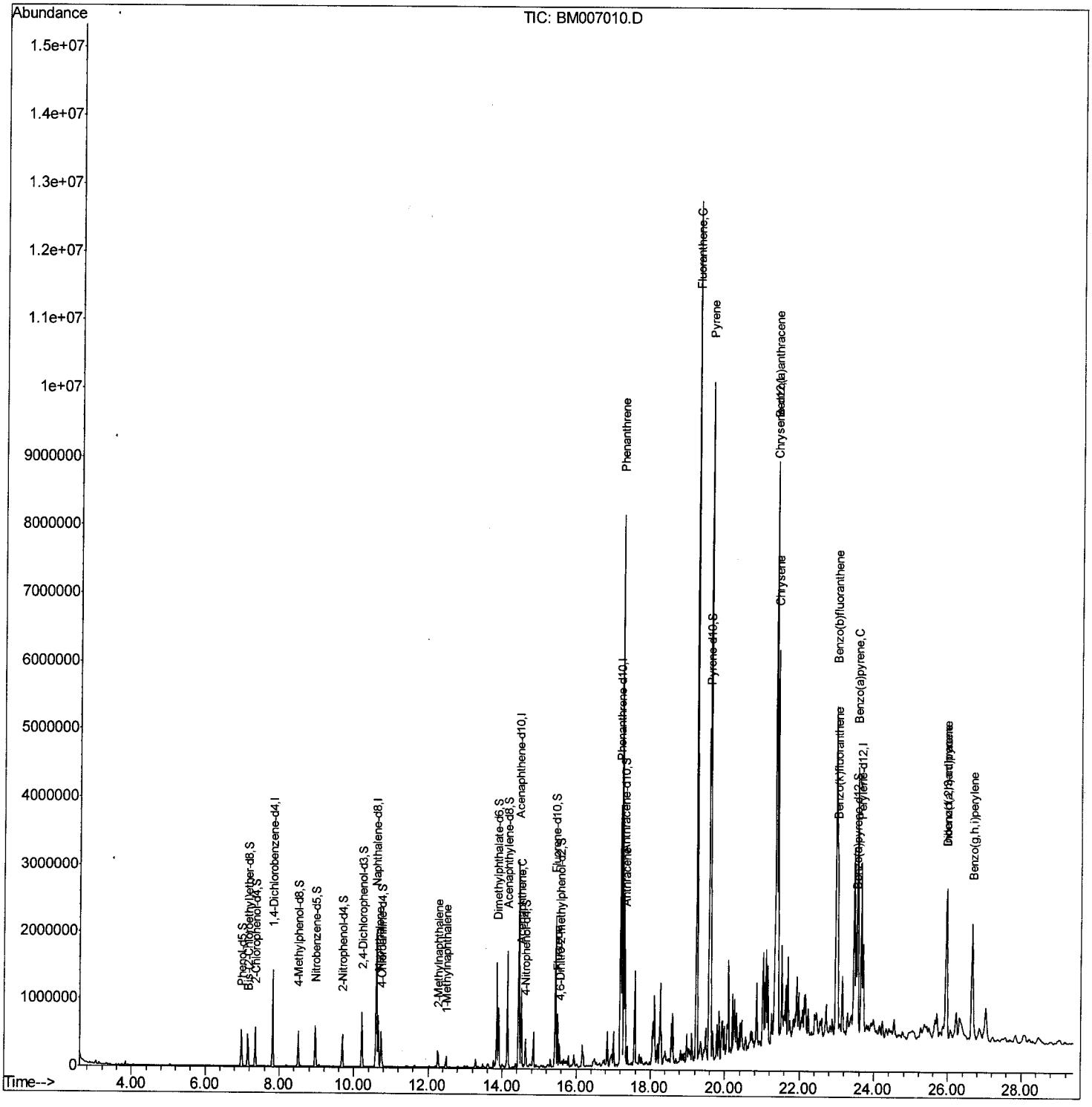

Quantitation Report (Qedit)

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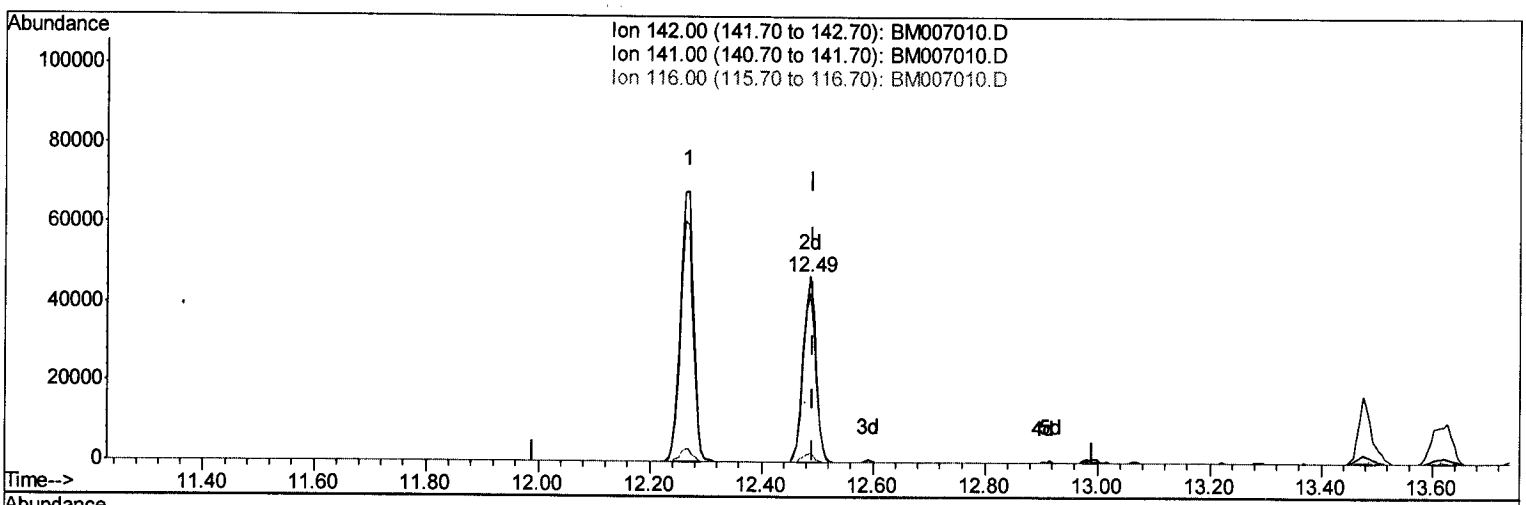

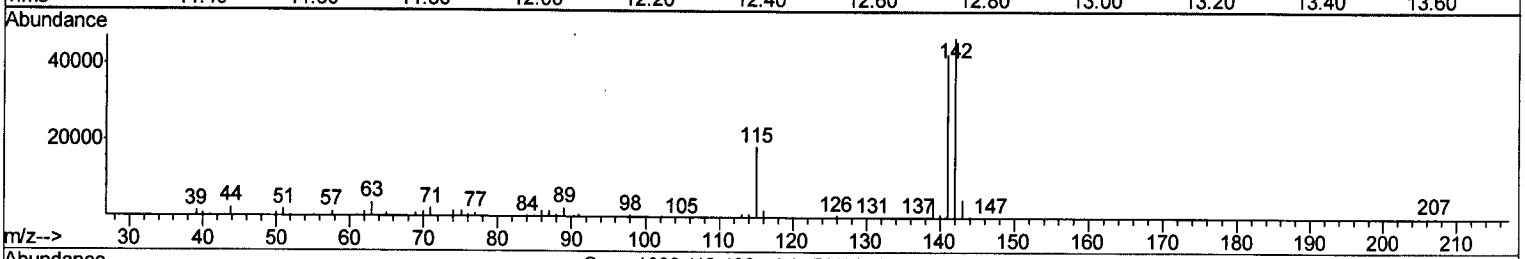

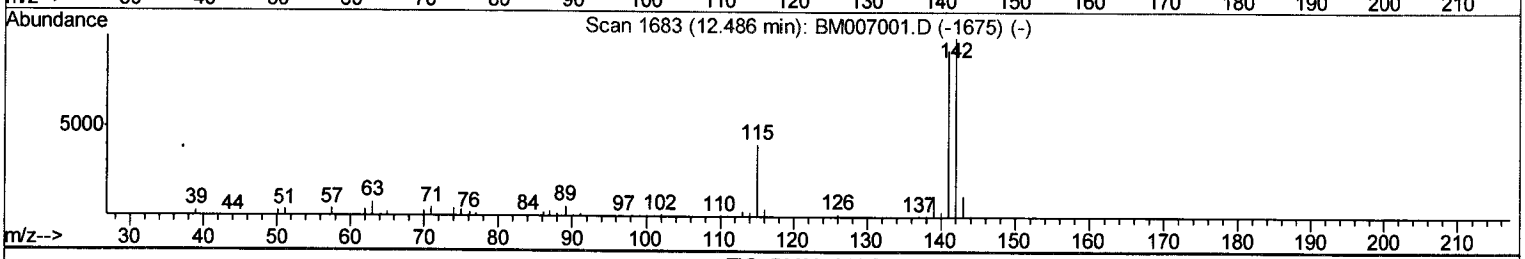

TIC: BM007010.D

(14) 1-Methylnaphthalene

12.486min (-0.006) 1.14ng/ul m U.M 08/11/16

response 72542

Ion	Exp%	Act%
142.00	100	100
141.00	93.00	91.04
116.00	4.00	4.93#
0.00	0.00	0.00

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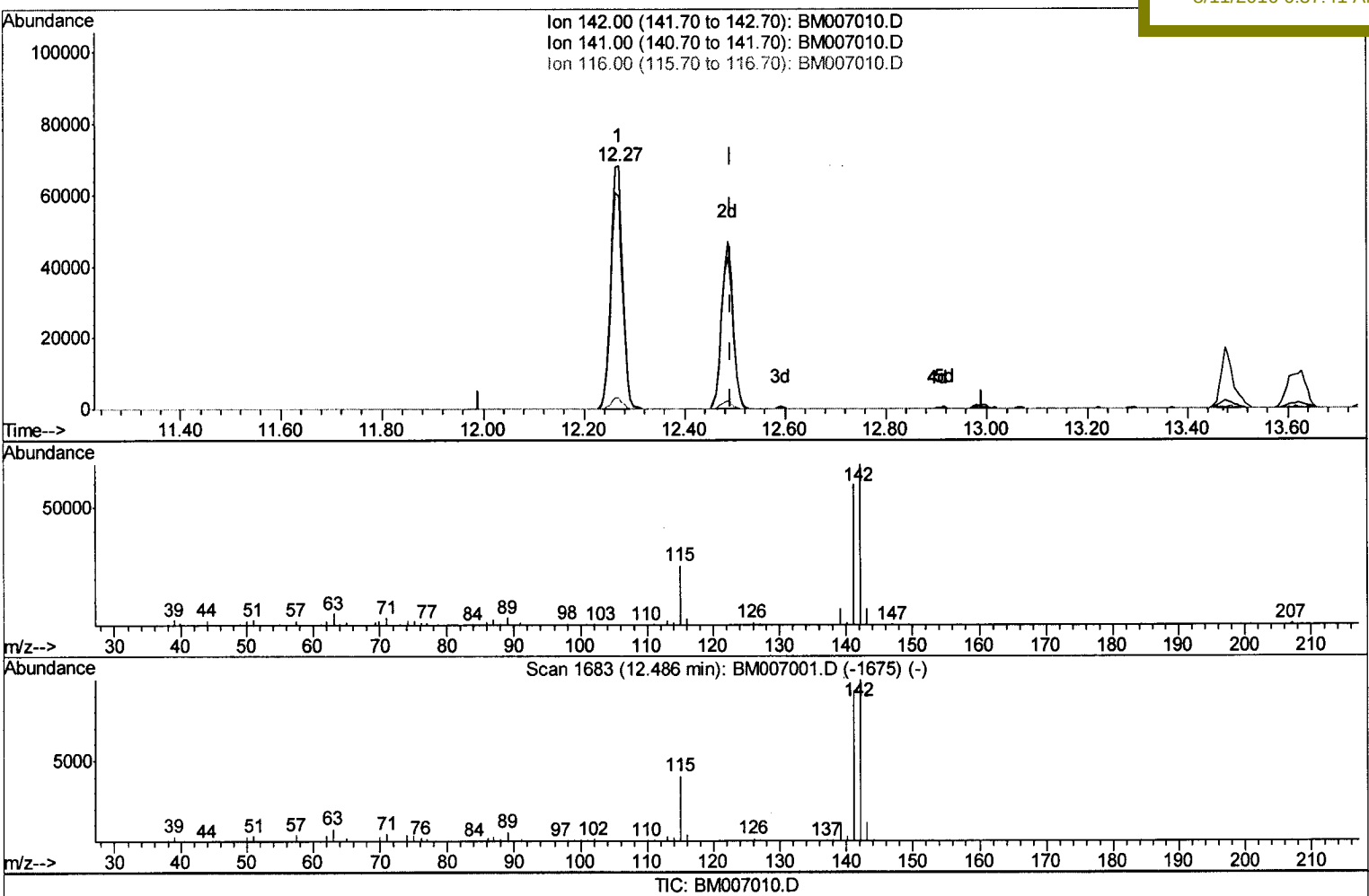

TIC: BM007010.D

(14) 1-Methylnaphthalene

12.269min (-0.223) 1.76ng/ul

response 111705

Ion	Exp%	Act%
142.00	100	100
141.00	93.00	87.72
116.00	4.00	4.44
0.00	0.00	0.00

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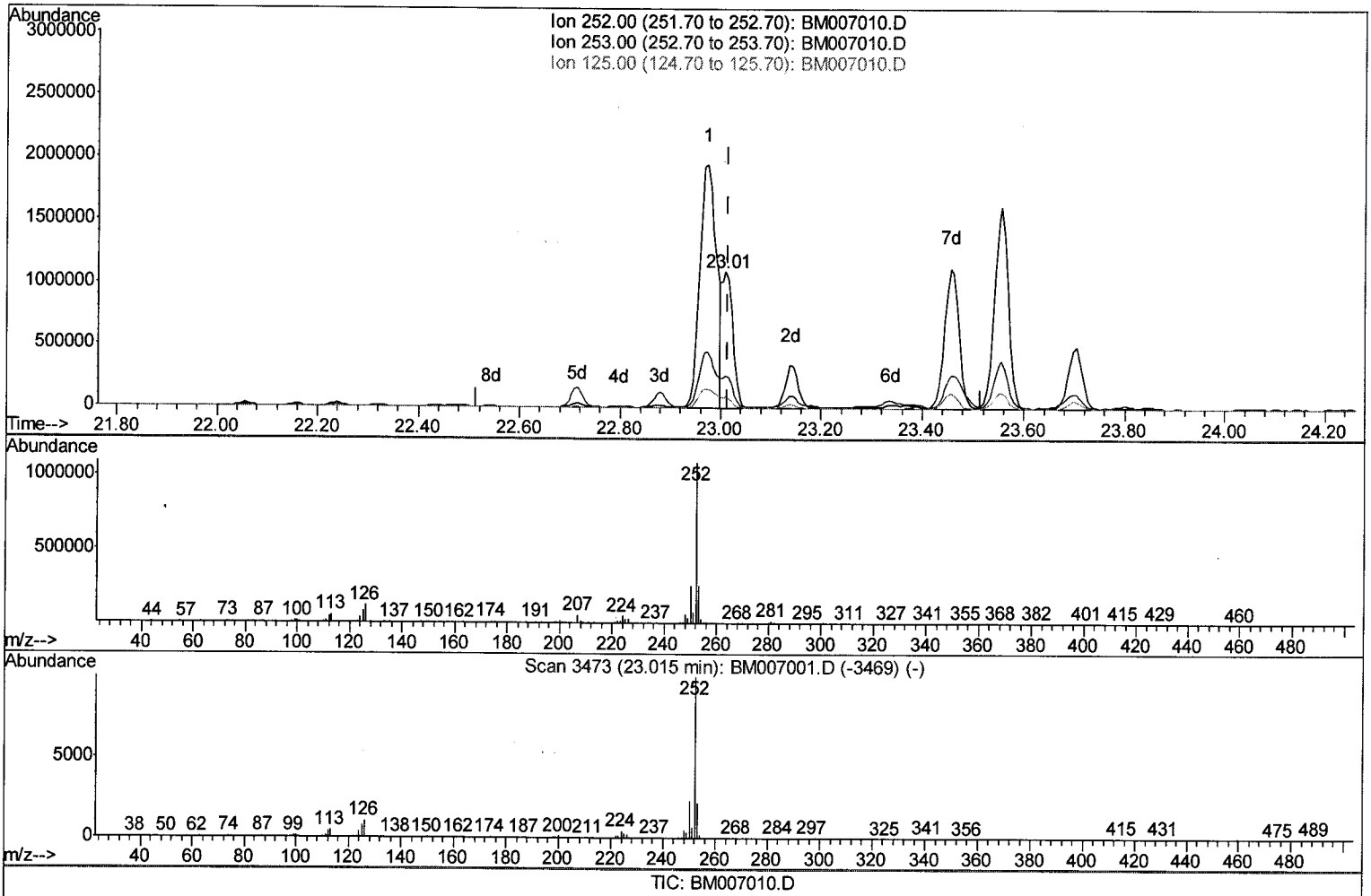

TIC: BM007010.D

(36) Benzo(k)fluoranthene

23.009min (-0.006) 13.95ng/ul m U.M 08/11/16

response 1632589

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.53
125.00	7.80	7.72
0.00	0.00	0.00

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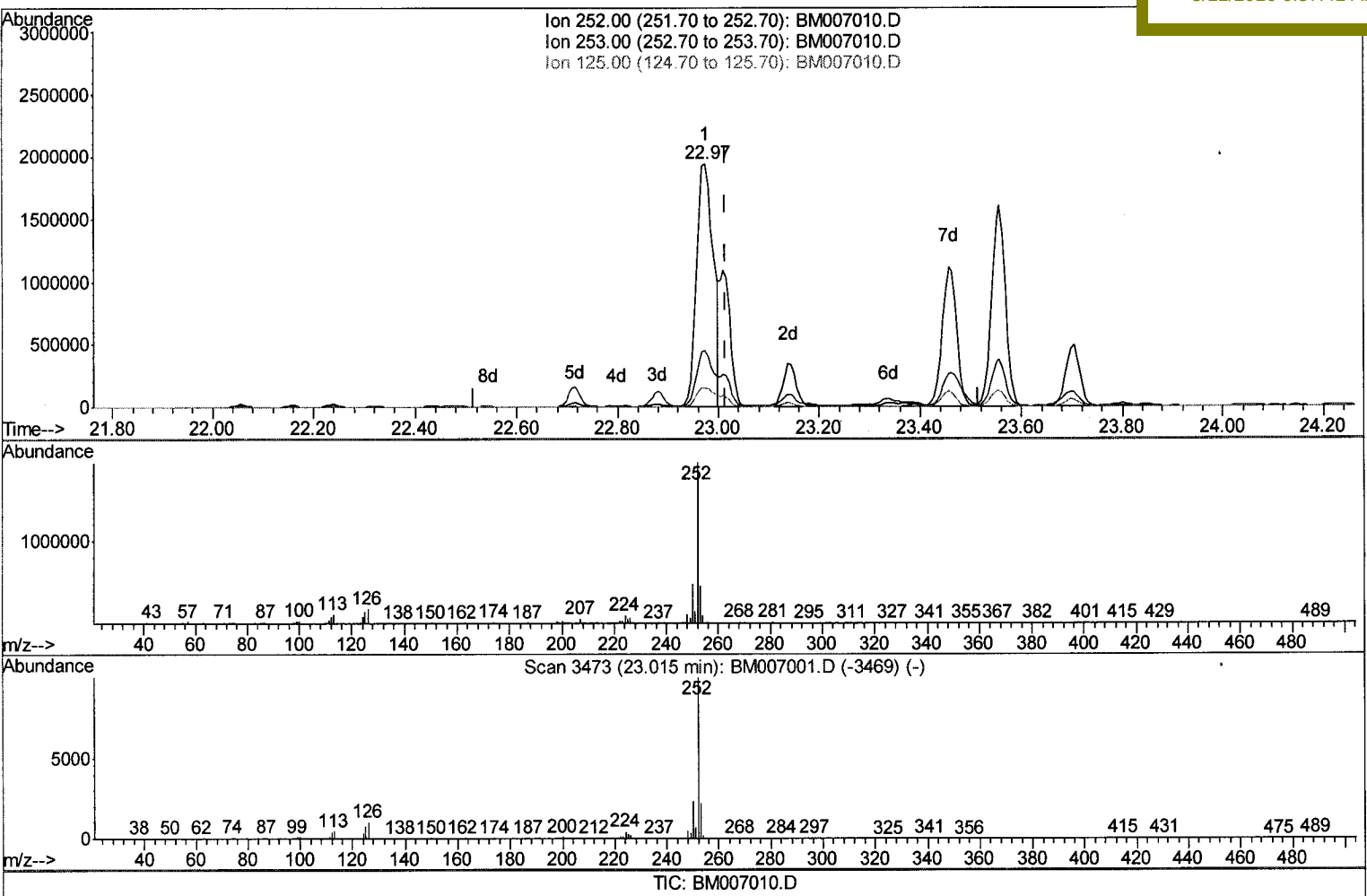

TIC: BM007010.D

(36) Benzo(k)fluoranthene

22.974min (-0.041) 38.12ng/ul

response 4460287

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.99
125.00	7.80	7.70
0.00	0.00	0.00

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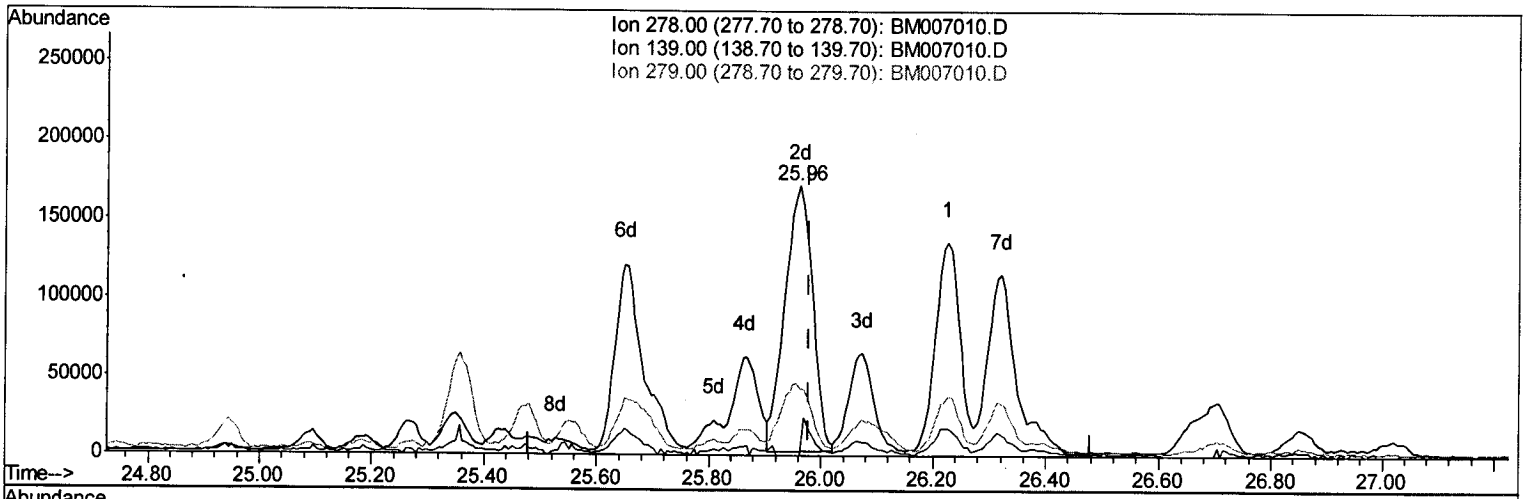

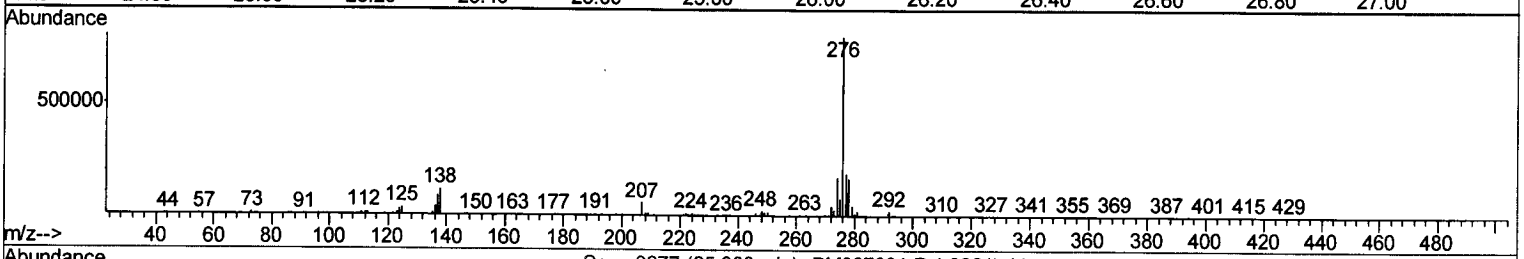

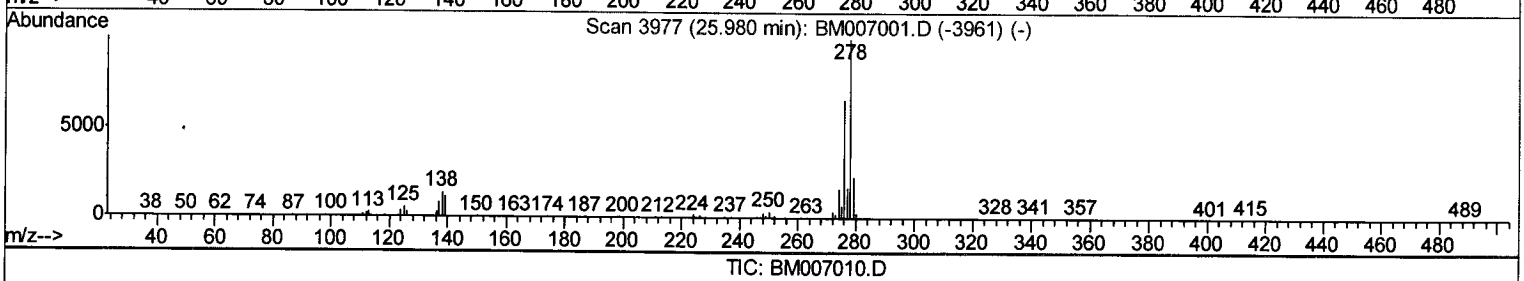

TIC: BM007010.D

(40) Dibenzo(a,h)anthracene

25.962min (-0.017) 6.21ng/ul m U.M 08/11/16

response 580999

Ion	Exp%	Act%
278.00	100	100
139.00	12.90	0.00#
279.00	23.50	25.07
0.00	0.00	0.00

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Manual Integrations APPROVED
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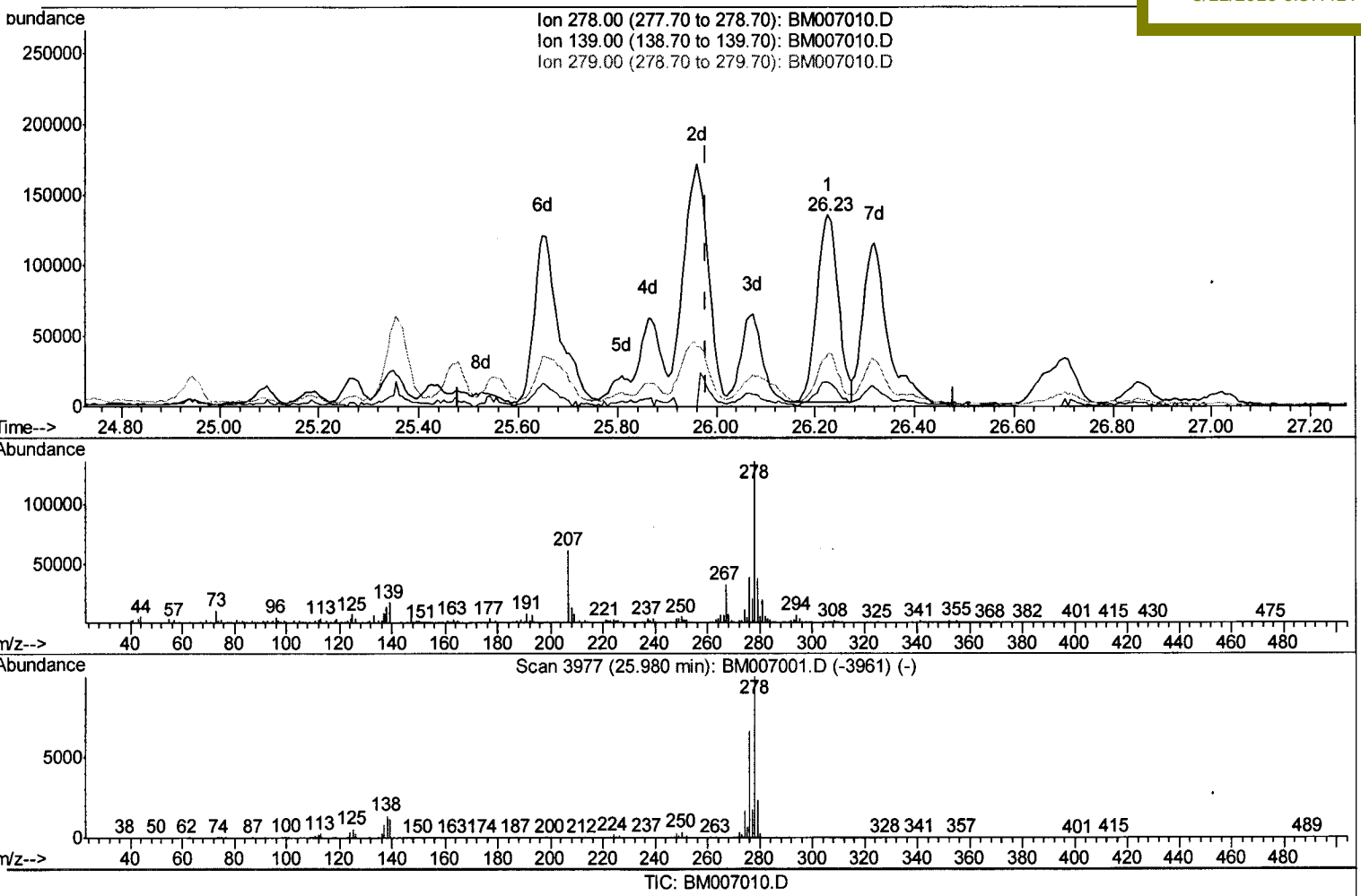

TIC: BM007010.D

(40) Dibenzo(a,h)anthracene

26.227min (+0.247) 4.25ng/ul

response 397607

Ion	Exp%	Act%
278.00	100	100
139.00	12.90	12.89
279.00	23.50	27.60
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	367940	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1666489	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	1016453	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2356352	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2353274	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	1993914	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	7735	0.96	ng/uL	0.00
3) Phenol-d5	6.97	99	293769	8.97	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	201372	11.00	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	256262	10.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.51	113	191285	6.90	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	135552	10.65	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	140731	9.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	294444	10.34	ng/ul	0.00
12) 4-Chloroaniline-d4	10.73	131	264752	7.95	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	977898	11.26	ng/ul	-0.01
17) Acenaphthylene-d8	14.14	160	1217243	11.96	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	98410	6.31	ng/ul	0.00
21) Fluorene-d10	15.44	176	867612	11.75	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	77977	6.11	ng/ul	0.00
26) Anthracene-d10	17.29	188	1355546	12.35	ng/ul	0.00
30) Pyrene-d10	19.58	212	1518440	14.19	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.51	264	1135033	12.38	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.66	128	624050	7.47	ng/ul	99
13) 2-Methylnaphthalene	12.27	142	111705	1.69	ng/ul	99
14) 1-Methylnaphthalene	12.49	142	72542m	1.14	ng/ul	
19) Acenaphthene	14.51	153	468324	6.89	ng/ul	100
22) Fluorene	15.50	166	347576	4.31	ng/ul	97
25) Phenanthrene	17.24	178	5117358	40.54	ng/ul	99
27) Anthracene	17.33	178	1094263	8.39	ng/ul	99
28) Fluoranthene	19.25	202	7856649	49.41	ng/ul	99
31) Pyrene	19.62	202	6535998	47.88	ng/ul	98
32) Benzo(a)anthracene	21.36	228	3561421	25.70	ng/ul	99
33) Chrysene	21.41	228	3305531	26.28	ng/ul	97
35) Benzo(b)fluoranthene	22.97	252	4460287	36.01	ng/ul	98
36) Benzo(k)fluoranthene	23.01	252	1632589m	13.95	ng/ul	
38) Benzo(a)pyrene	23.56	252	3025198	26.55	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.96	276	2366444	20.94	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	580999m	6.21	ng/ul	
41) Benzo(g,h,i)perylene	26.66	276	2304185	24.80	ng/ul	99

U.M 08/11/16

U.M 08/11/16

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