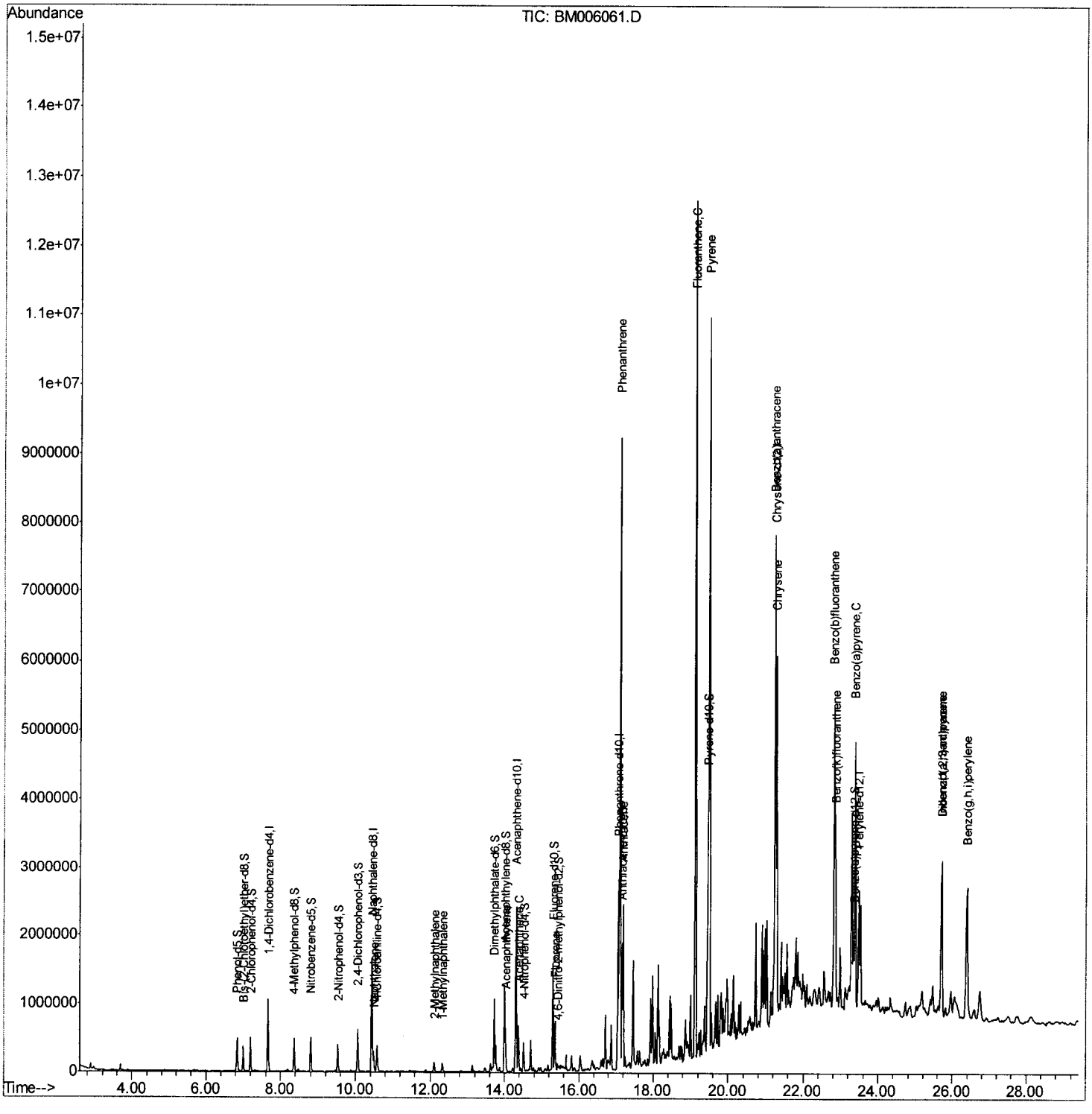
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006061.D
Acq On : 27 Jun 2016 04:11
Operator : UM/SJ
Sample : H3670-21 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 27 06:59:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YA3

Manual Integrations APPROVED
sohil
6/27/2016 8:06:29 PM



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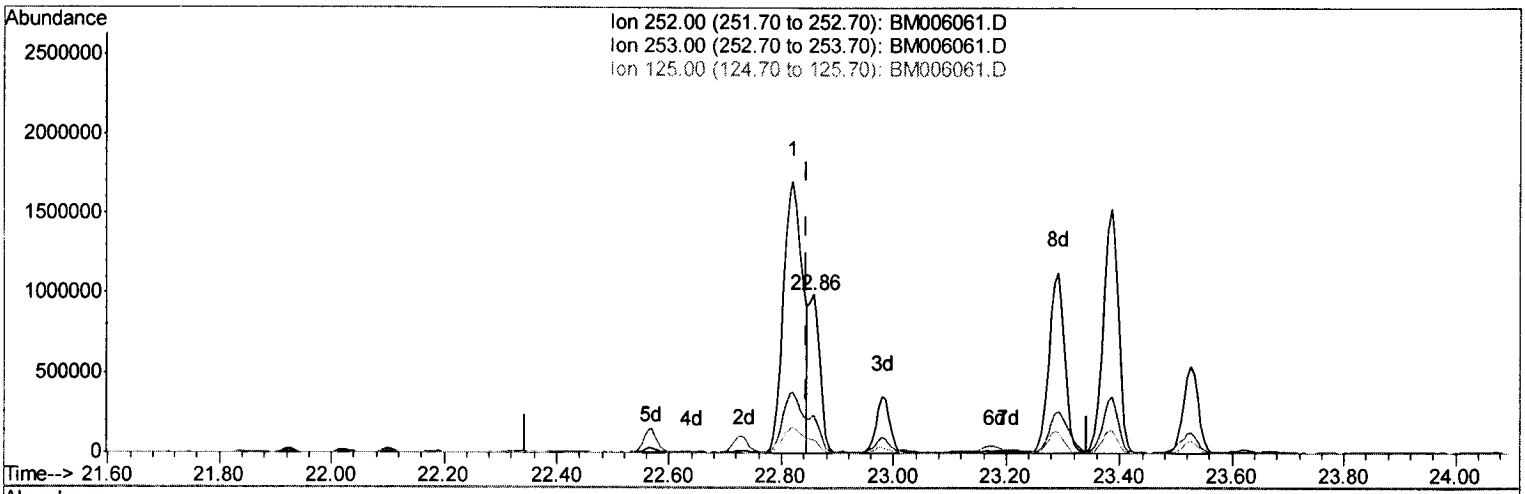

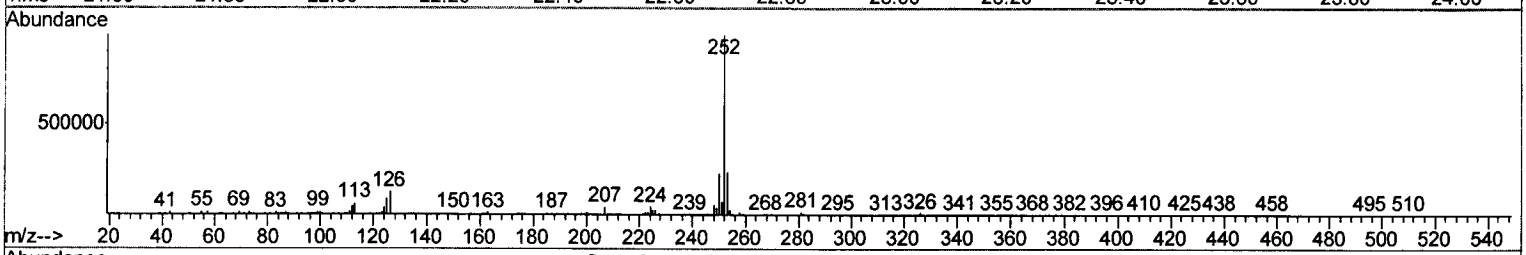

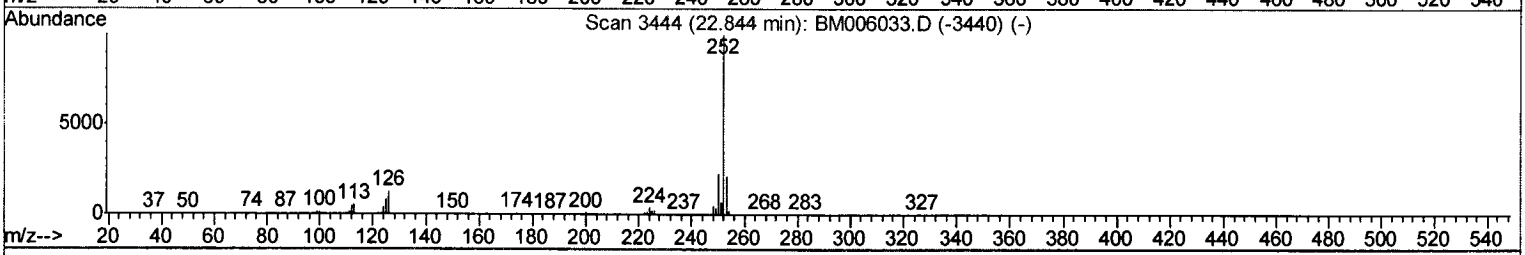

TIC: BM006061.D

(36) Benzo(k)fluoranthene

22.856min (+0.012) 19.35ng/ul m U.M 06/28/16

response 1361829

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.92
125.00	8.70	8.83
0.00	0.00	0.00

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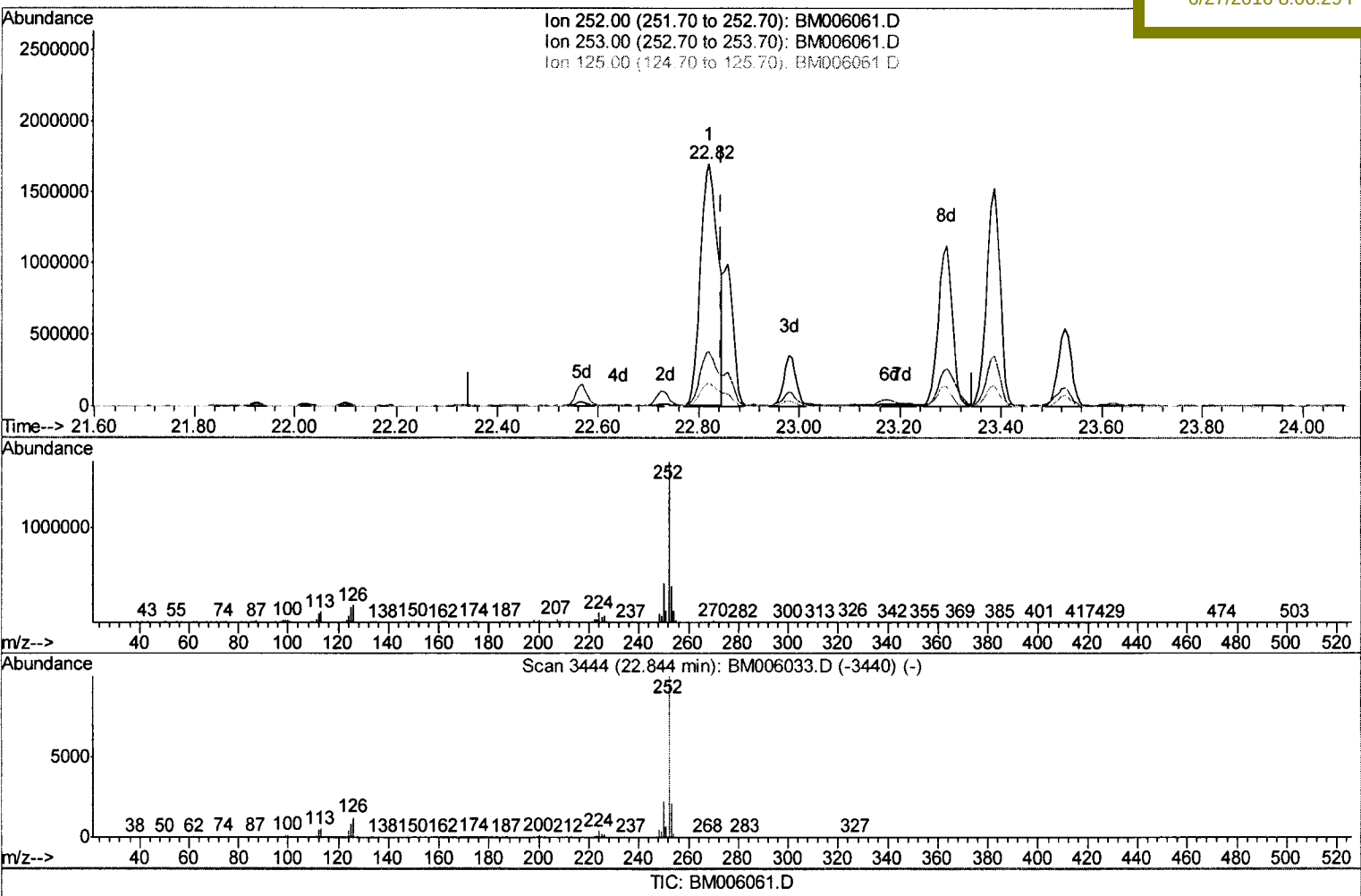

TIC: BM006061.D

(36) Benzo(k)fluoranthene

22.821min (-0.024) 57.03ng/ul

response 4014201

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.78
125.00	8.70	9.45
0.00	0.00	0.00

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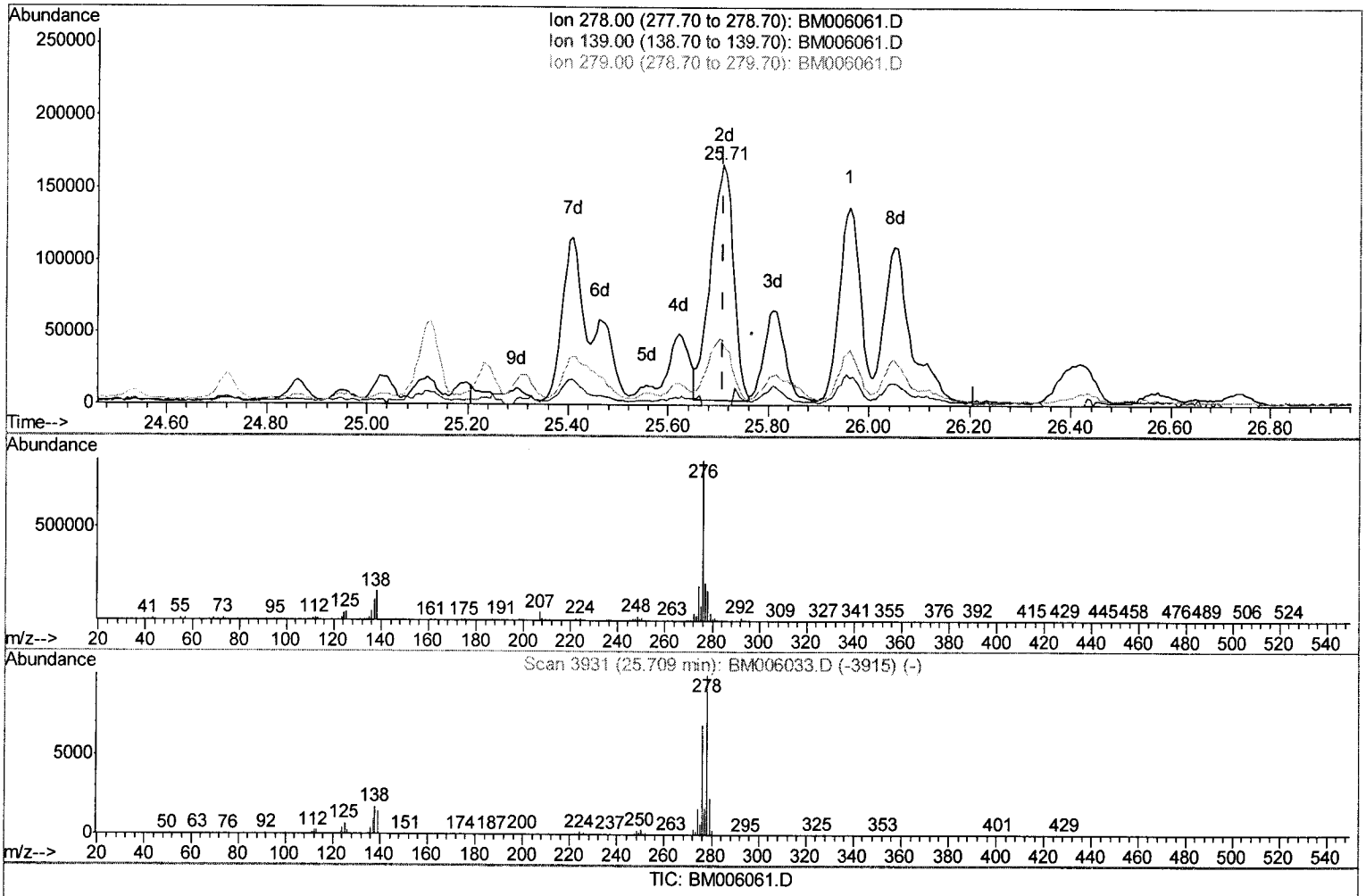

TIC: BM006061.D

(40) Dibenzo(a,h)anthracene

25.709min (-0.000) 7.24ng/ul m U.M 06/28/16

response 520635

Ion	Exp%	Act%
278.00	100	100
139.00	14.30	0.00#
279.00	23.50	25.51
0.00	0.00	0.00

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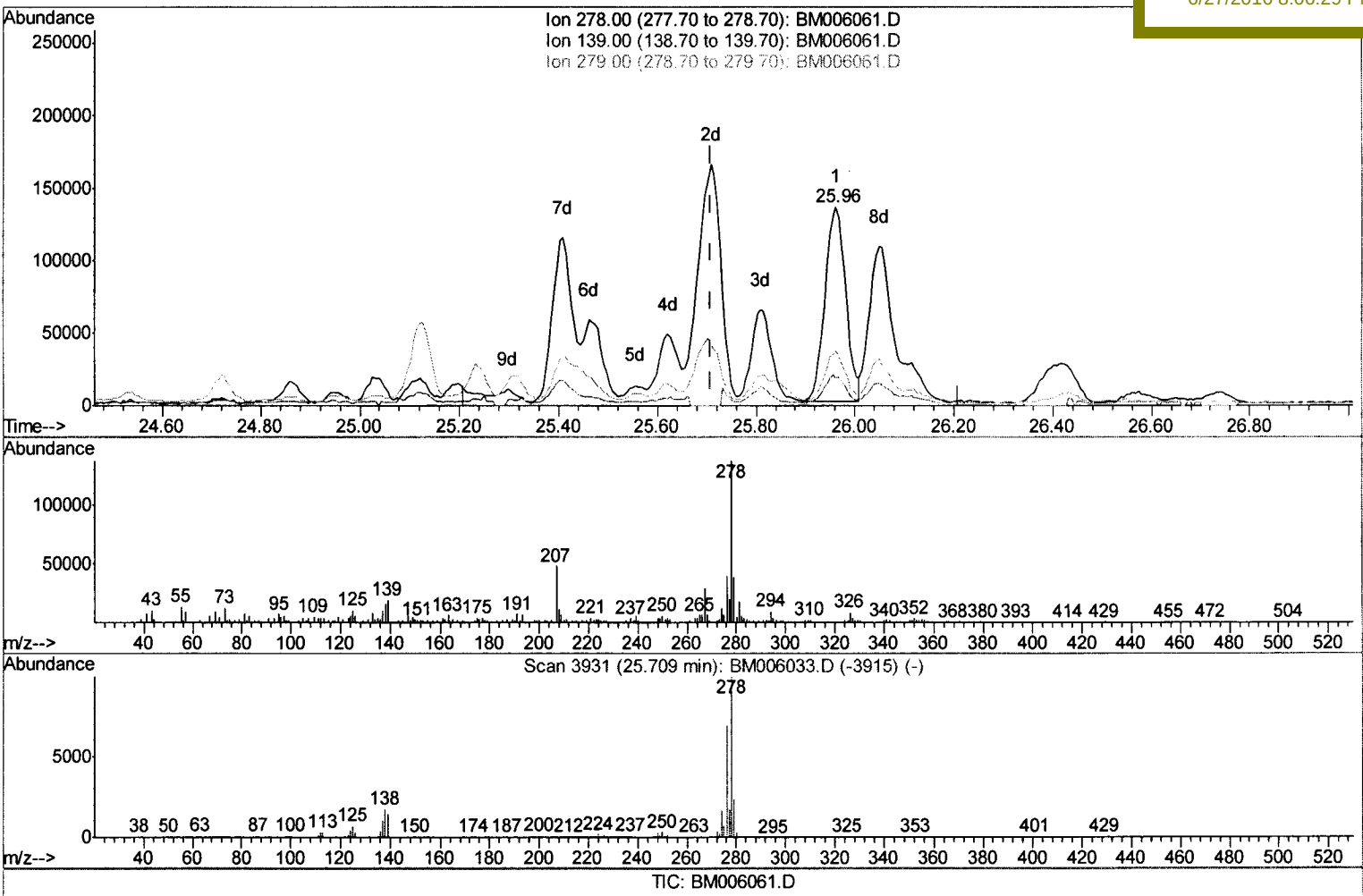

TIC: BM006061.D

(40) Dibenzo(a,h)anthracene

25.962min (+0.253) 5.46ng/ul

response 392727

Ion	Exp%	Act%
278.00	100	100
139.00	14.30	14.04
279.00	23.50	28.01
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	7.66	152	281470	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1339055	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	782053	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1767580	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1347486	20.00	ng/ul	0.01
34) Perylene-d12	23.48	264	1302364	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5570	0.88	ng/uL	0.00
3) Phenol-d5	6.83	99	256123	8.65	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	166344	10.10	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	200678	9.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	170873	6.84	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	106343	10.43	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	111215	9.80	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	215805	9.92	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	202852	8.59	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	684788	10.23	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	878336	11.31	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	88623	6.21	ng/ul	0.01
21) Fluorene-d10	15.30	176	614854	10.76	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	19961	2.03	ng/ul	0.01
26) Anthracene-d10	17.16	188	934608	11.51	ng/ul	0.00
30) Pyrene-d10	19.46	212	910493	15.42	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.34	264	673455	11.45	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	216682	3.24	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	64129	1.19	ng/ul	95
14) 1-Methylnaphthalene	12.33	142	55029	1.07	ng/ul	97
18) Acenaphthylene	14.03	152	367009	4.48	ng/ul	99
19) Acenaphthene	14.37	153	268824	5.17	ng/ul	98
22) Fluorene	15.36	166	314212	5.02	ng/ul	96
25) Phenanthrene	17.11	178	5944061	62.52	ng/ul	99
27) Anthracene	17.19	178	1465899	14.93	ng/ul	100
28) Fluoranthene	19.13	202	8605428	70.66	ng/ul	97
31) Pyrene	19.50	202	7780533	100.86	ng/ul	96
32) Benzo(a)anthracene	21.24	228	3377690	42.20	ng/ul	96
33) Chrysene	21.30	228	3231289	44.19	ng/ul	98
35) Benzo(b)fluoranthene	22.82	252	4014201	53.05	ng/ul	97
36) Benzo(k)fluoranthene	22.86	252	1361829m	19.35	ng/ul	
38) Benzo(a)pyrene	23.39	252	2849476	39.27	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.71	276	2425448	28.04	ng/ul	97
40) Dibenzo(a,h)anthracene	25.71	278	520635m	7.24	ng/ul	
41) Benzo(g,h,i)perylene	26.40	276	2548743	34.07	ng/ul	99

V.M 06/28/16

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