Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006597.D
Acq On : 21 Jul 2016 21:00
Operator : UM/SJ
Sample : H4078-08MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 22 08:13:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YS2MSD

Manual Integratio
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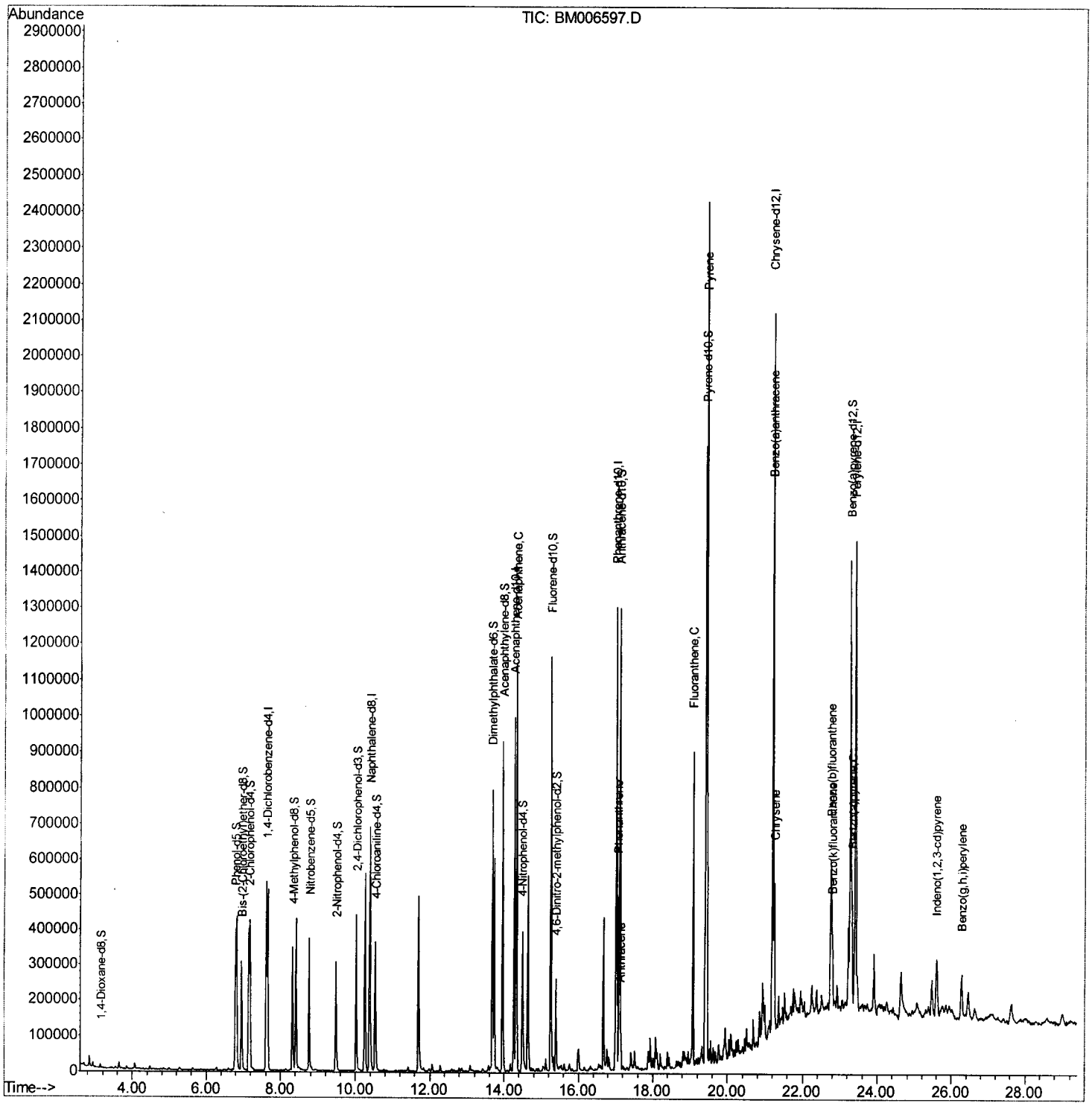

Quantitation Report (Qedit)

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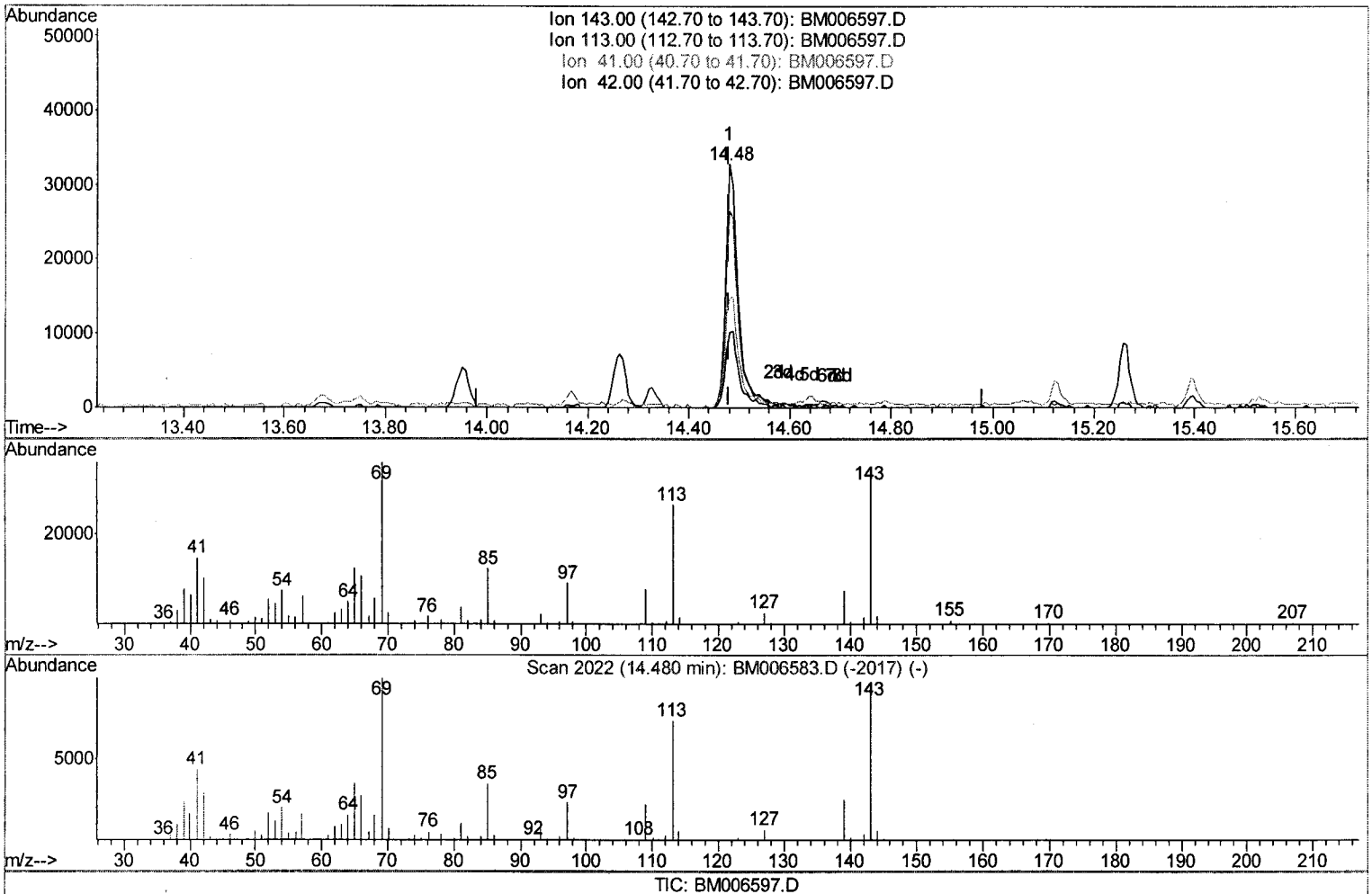

TIC: BM006597.D

(20) 4-Nitrophenol-d4 (S)

14.480min (+0.000) 12.61ng/ul m V.M 07|26|16

response 57639

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	80.95#
41.00	49.70	45.07
42.00	33.70	31.10

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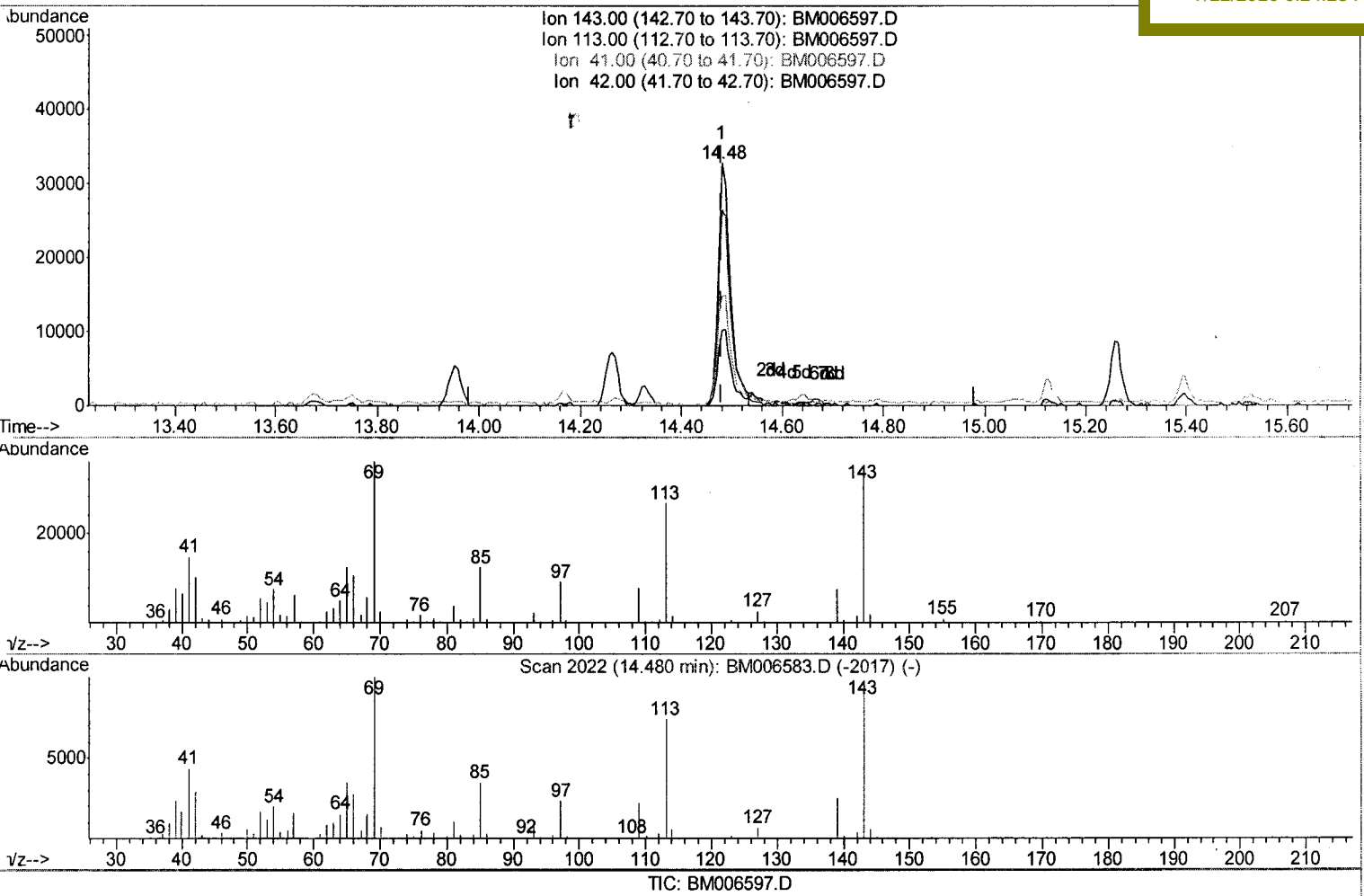

TIC: BM006597.D

(20) 4-Nitrophenol-d4 (S)

14.480min (+0.000) 12.20ng/ul

response 55770

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	80.95#
41.00	49.70	45.07
42.00	33.70	31.10

Quantitation Report (Qedit)

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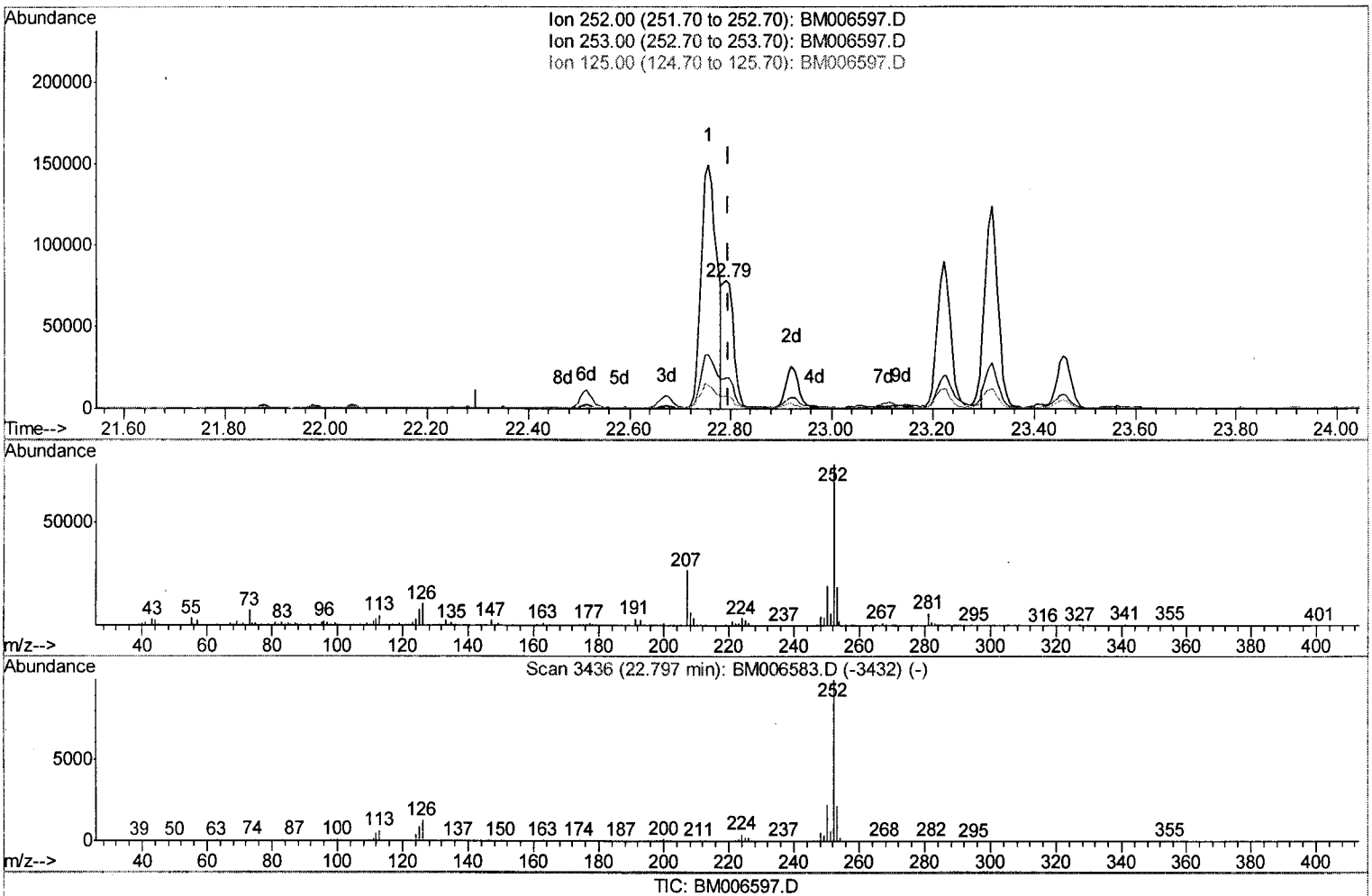

TIC: BM006597.D

(36) Benzo(k)fluoranthene

22.791min (-0.006) 2.23ng/ul m U.M 07/26/16

response 121389

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.62
125.00	9.60	10.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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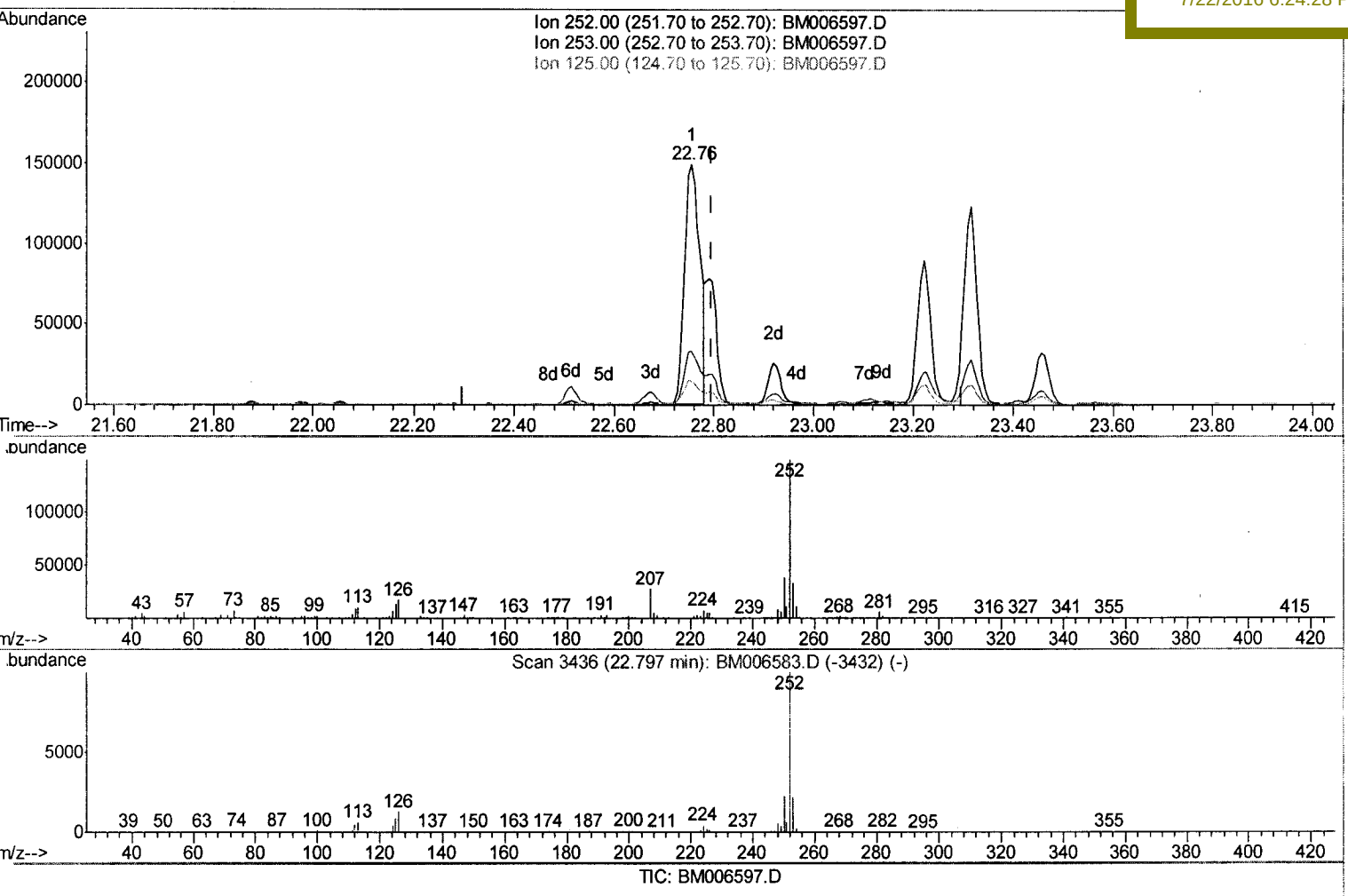

TIC: BM006597.D

(36) Benzo(k)fluoranthene

22.756min (-0.041) 5.84ng/ul

response 318415

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.25
125.00	9.60	9.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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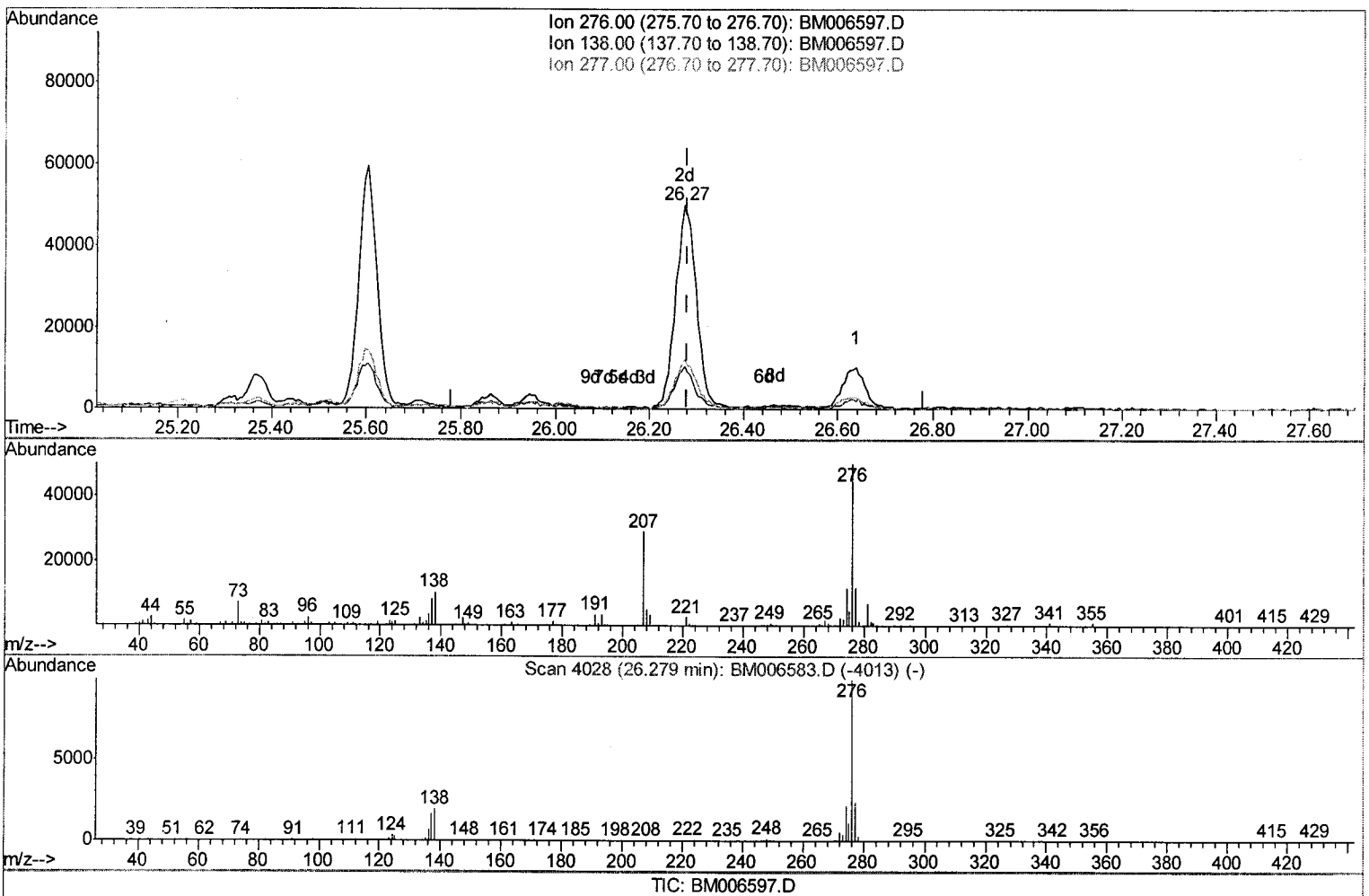

TIC: BM006597.D

(41) Benzo(g,h,i)perylene

26.274min (-0.006) 2.91ng/ul m U.M 07/26/16

response 158354

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	21.20#
277.00	24.70	24.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrati
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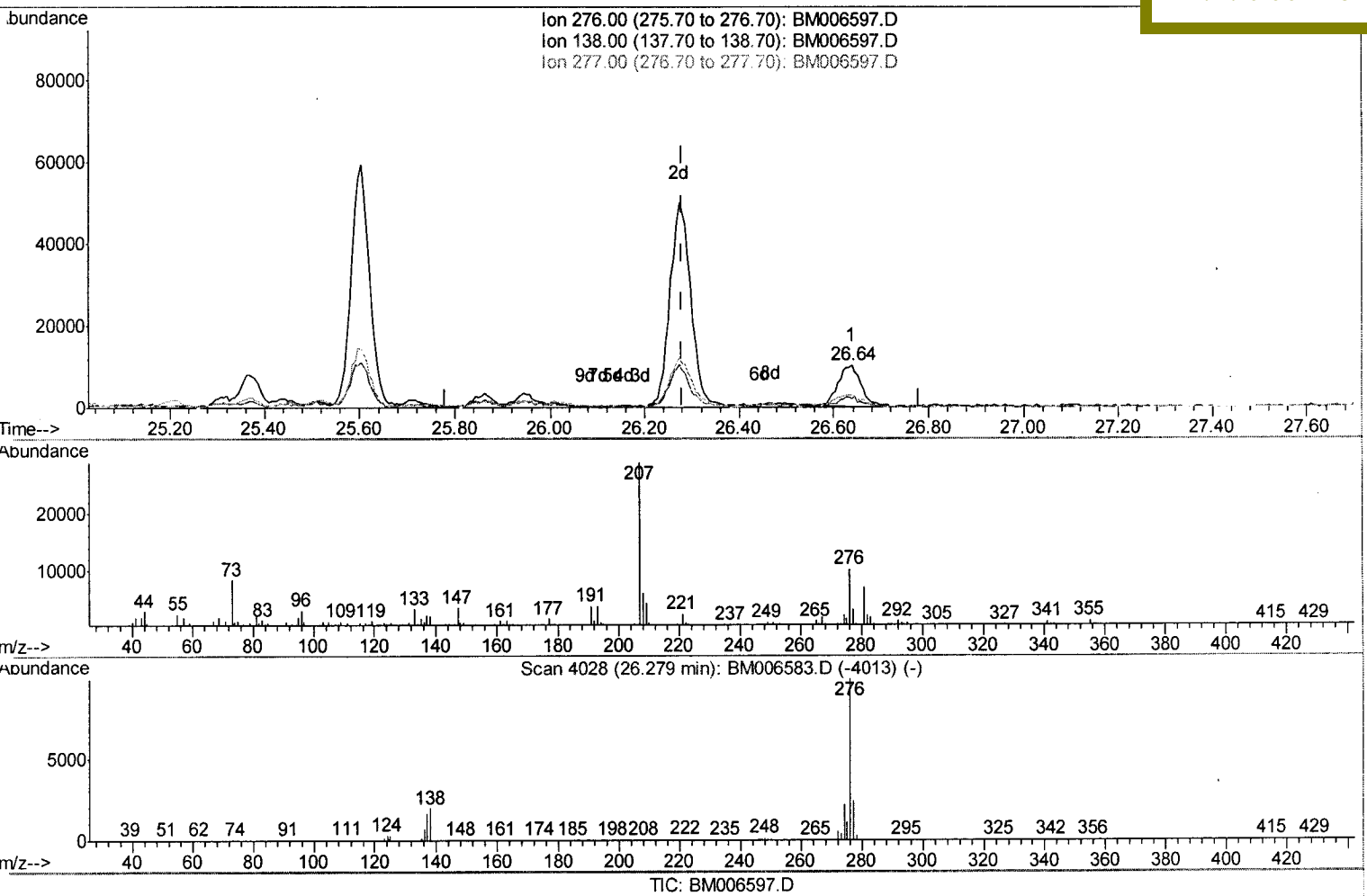

(41) Benzo(g,h,i)perylene

26.638min (+0.359) 0.61ng/ul

response 33035

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	17.87
277.00	24.70	29.27
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	134175	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	587921	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	335610	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	774339	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	900960	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	941163	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	5251	1.58	ng/uL	0.00
3) Phenol-d5	6.79	99	209118	18.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	141961	20.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	170866	18.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	126832	14.33	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	84980	19.10	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	89970	19.01	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	163246	18.25	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	196792	19.98	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	525059	19.95	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	670983	19.98	ng/ul	0.00
20) 4-Nitrophenol-d4	14.48	143	57639m	12.61	ng/ul	0.00
21) Fluorene-d10	15.26	176	478056	20.31	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	52952	13.17	ng/ul	0.00
26) Anthracene-d10	17.11	188	724096	19.69	ng/ul	0.00
30) Pyrene-d10	19.42	212	833607	20.31	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	875881	20.23	ng/ul	0.00
Target Compounds						Qvalue
19) Acenaphthene	14.33	153	451140	19.51	ng/ul	94
25) Phenanthrene	17.06	178	291439	6.69	ng/ul	97
27) Anthracene	17.14	178	63101	1.41	ng/ul	98
28) Fluoranthene	19.08	202	518772	10.14	ng/ul	98
31) Pyrene	19.44	202	1439693	26.39	ng/ul	97
32) Benzo(a)anthracene	21.20	228	245422	4.49	ng/ul	98
33) Chrysene	21.25	228	227801	4.52	ng/ul	99
35) Benzo(b)fluoranthene	22.76	252	318415	5.64	ng/ul	99
36) Benzo(k)fluoranthene	22.79	252	121389m	2.23	ng/ul	
38) Benzo(a)pyrene	23.31	252	221622	4.04	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	155228	2.44	ng/ul	99
41) Benzo(g,h,i)perylene	26.27	276	158354m	2.91	ng/ul	

U.M 07/26/16

U.M 07/26/16

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