Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006602.D
Acq On : 22 Jul 2016 00:39
Operator : UM/SJ
Sample : H4078-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 22 03:42:28 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 :
D9YS4

Manual Integratio
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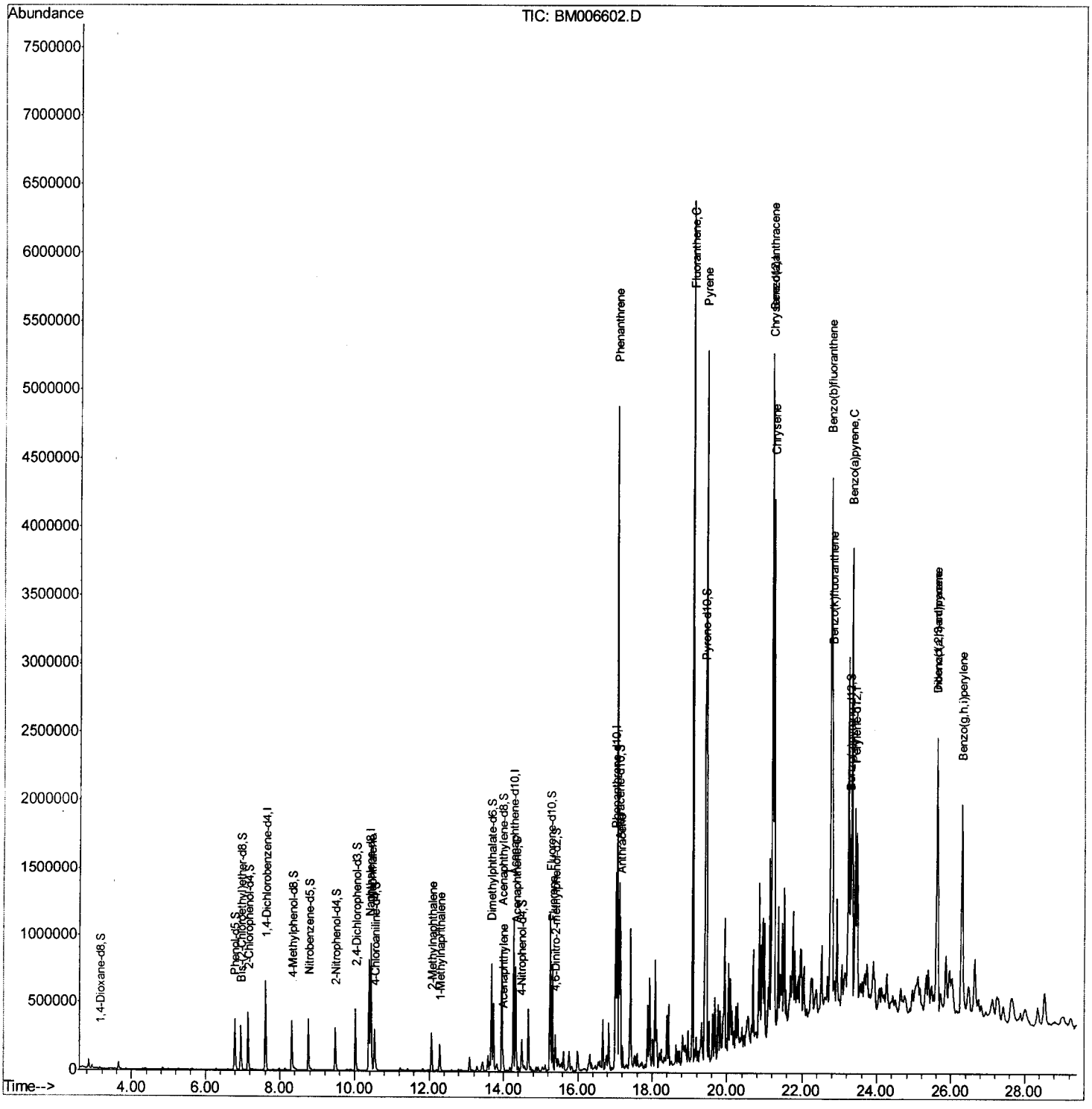

Quantitation Report (Qedit)

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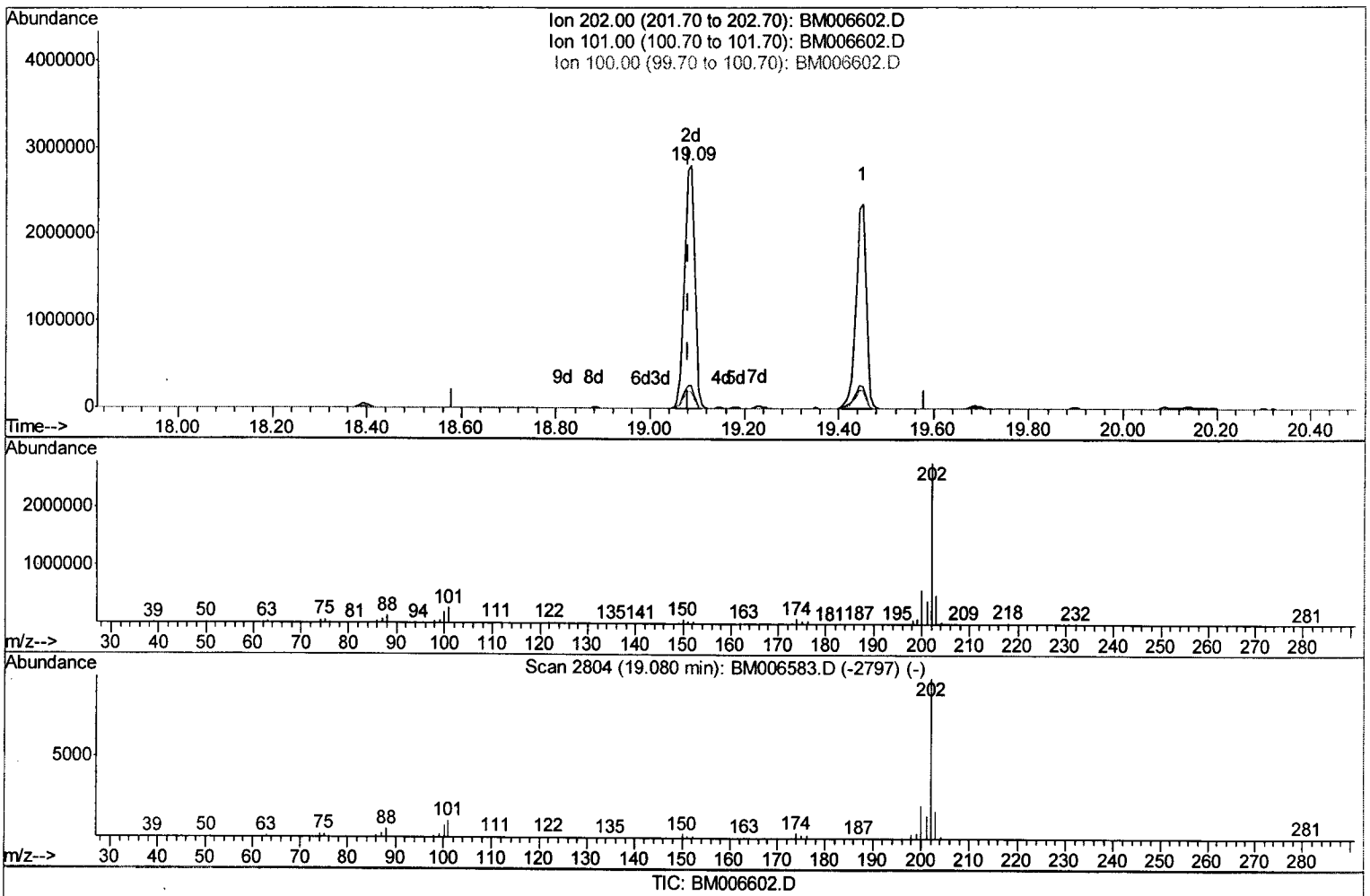

TIC: BM006602.D

(28) Fluoranthene (C)

19.086min (+0.006) 75.52ng/ul m V.M 07/26/16

response 4279076

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	9.38
100.00	8.70	6.91#
0.00	0.00	0.00

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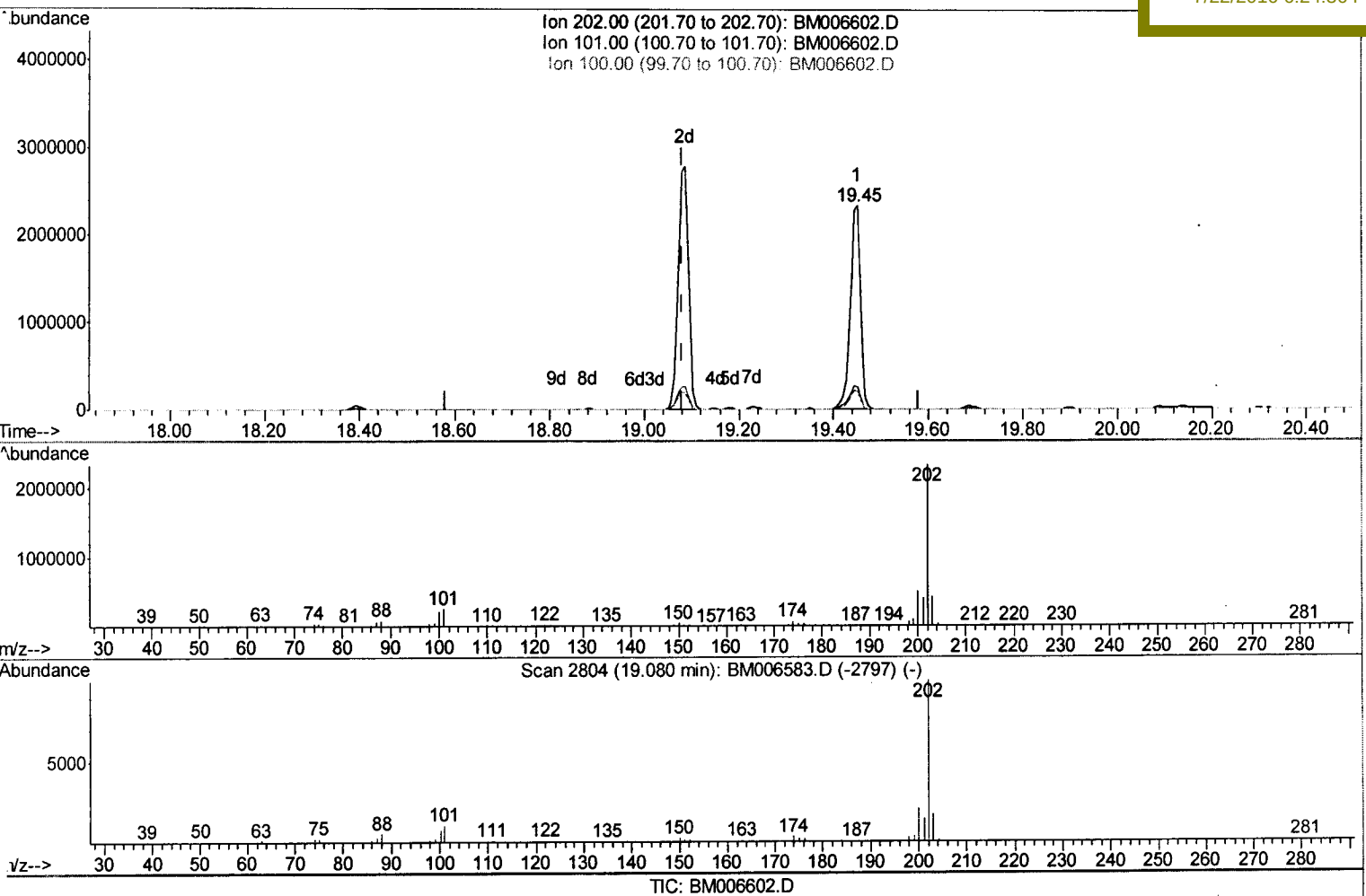

TIC: BM006602.D

(28) Fluoranthene (C)

19.451min (+0.371) 62.57ng/ul

response 3545211

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	10.92
100.00	8.70	8.78
0.00	0.00	0.00

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Instrument :
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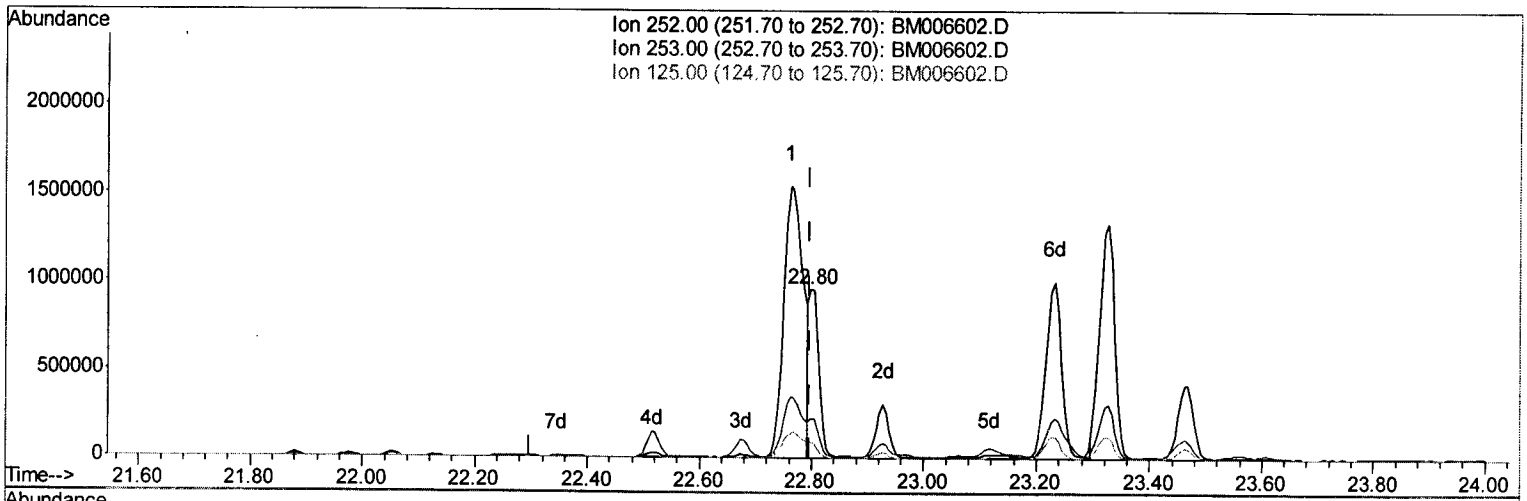

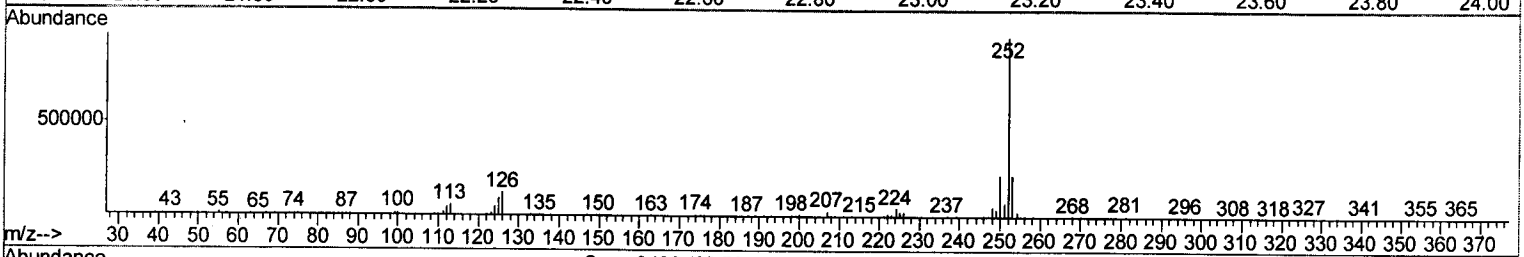

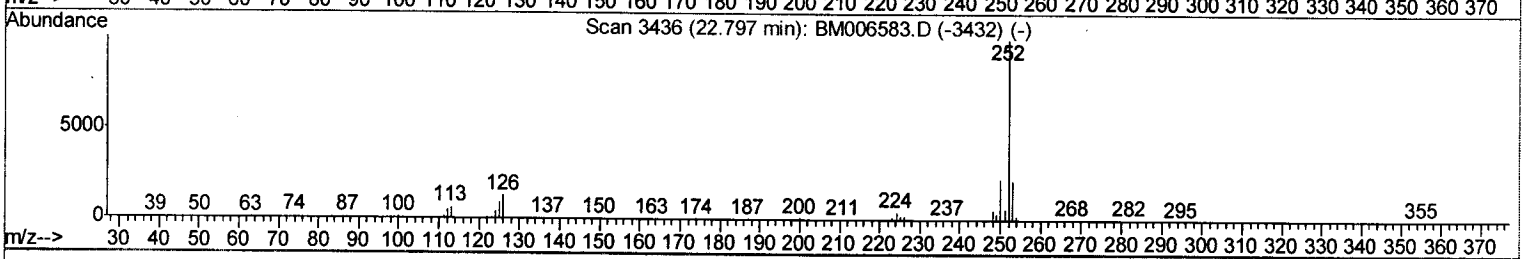

TIC: BM006602.D

(36) Benzo(k)fluoranthene

22.797min (+0.000) 18.89ng/ul m U.M 07|26|16

response 1161311

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.15
125.00	9.60	9.53
0.00	0.00	0.00

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BNA_M
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Manual Integrati
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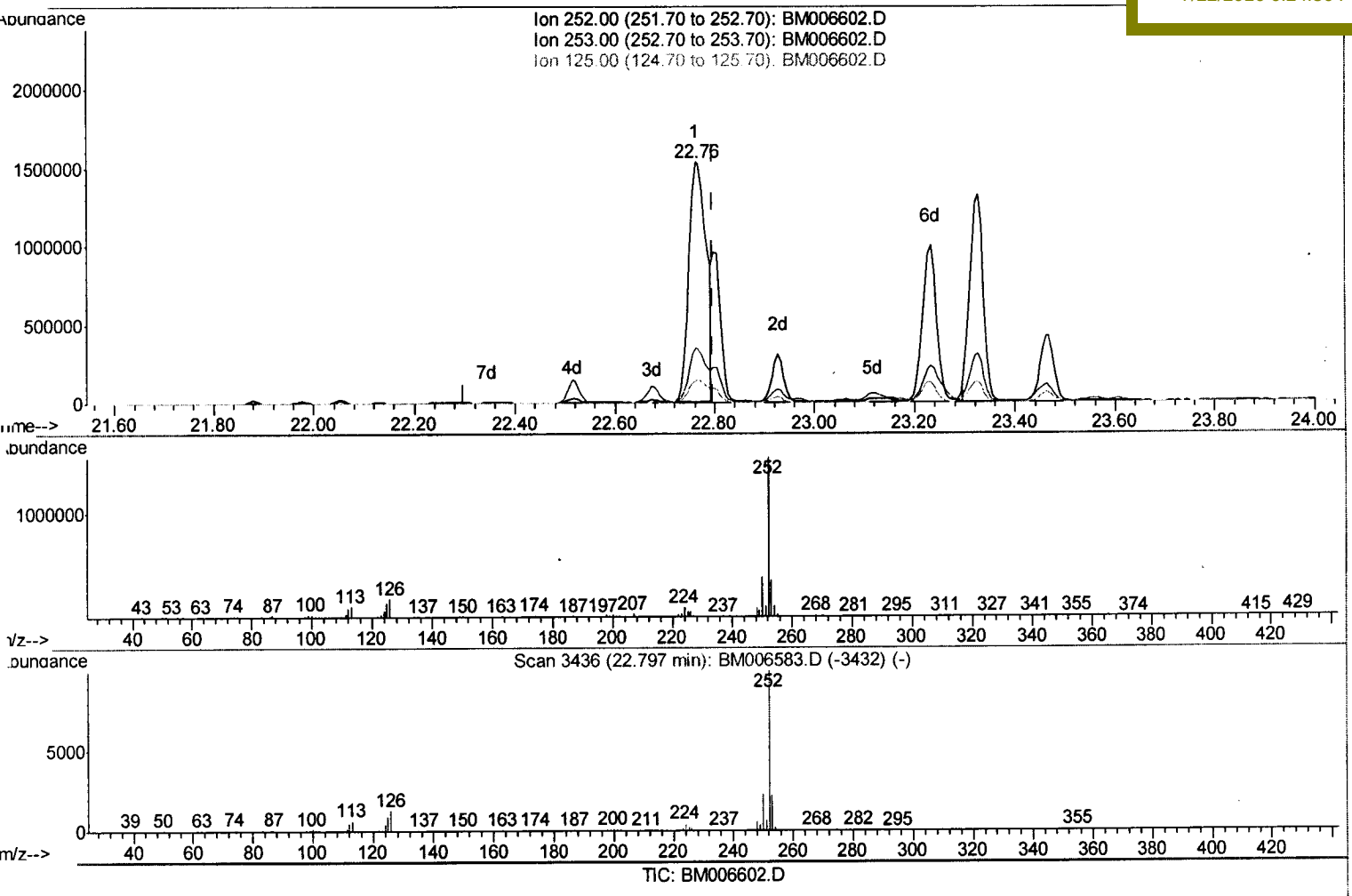

TIC: BM006602.D

(36) Benzo(k)fluoranthene

22.762min (-0.035) 60.52ng/ul

response 3721337

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.65
125.00	9.60	8.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
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Acq On : 22 Jul 2016 00:39
Operator : UM/SJ
Sample : H4078-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 22 03:41:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
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Instrument :
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Manual Integratio
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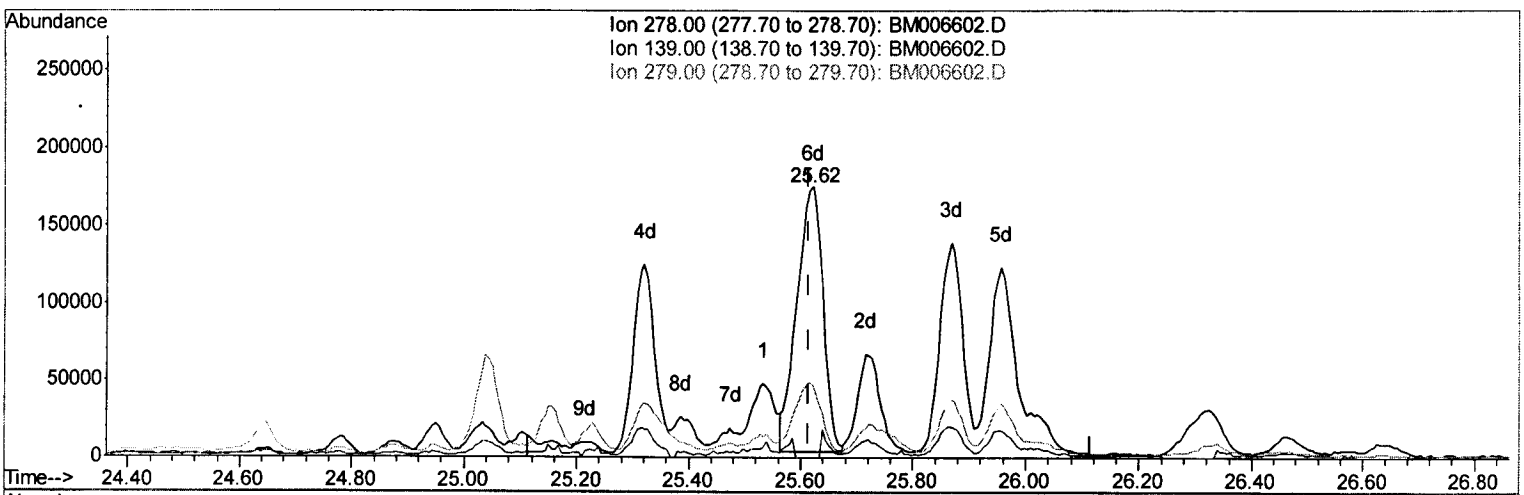

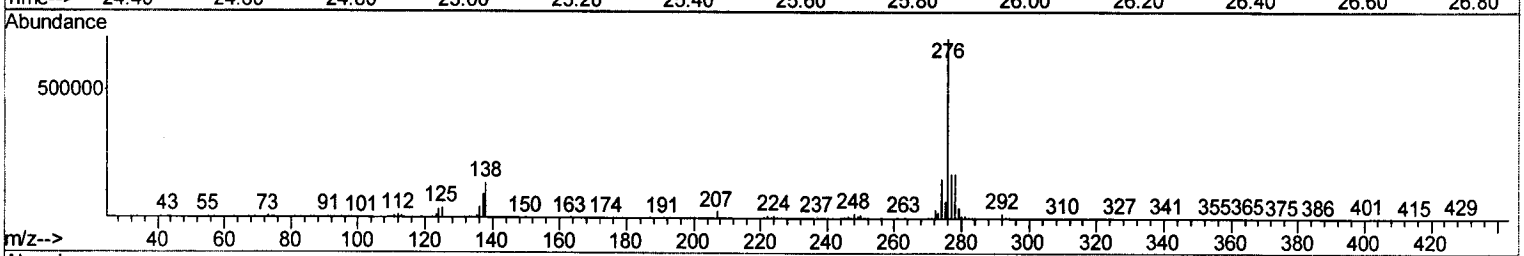

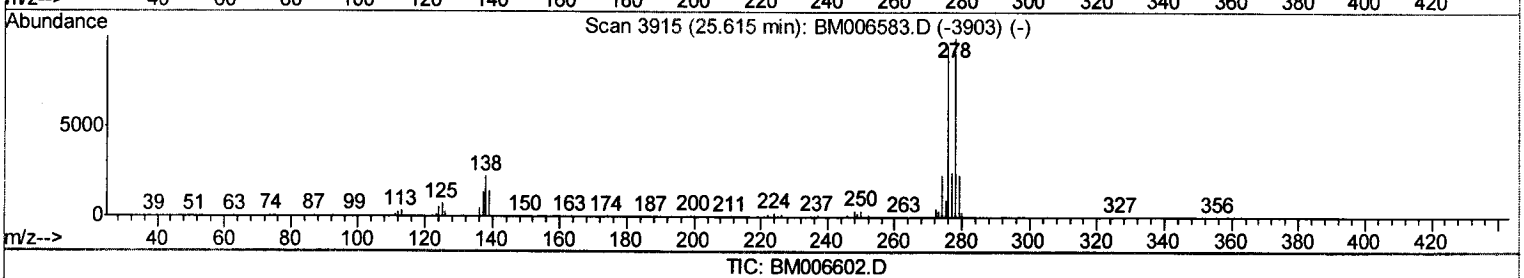

TIC: BM006602.D

(40) Dibenzo(a,h)anthracene

25.621min (+0.006) 9.46ng/ul m U.M 07/26/16

response 562019

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	0.00#
279.00	24.80	26.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
ClientSampleId :
D9YS4

Manual Integrati
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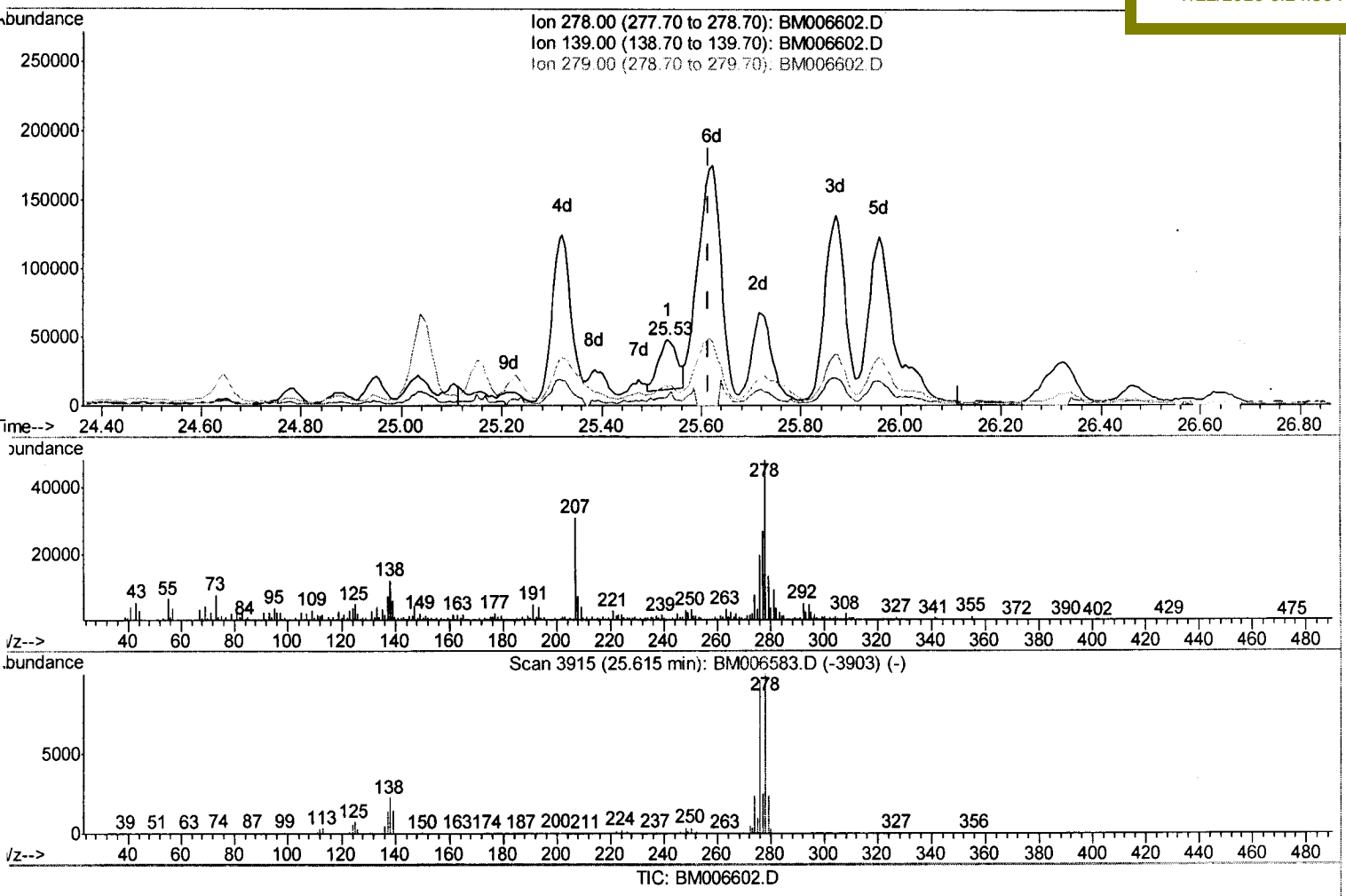

TIC: BM006602.D

(40) Dibenzo(a,h)anthracene

25.533min (-0.082) 1.59ng/ul

response 94758

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	12.66
279.00	24.80	27.99
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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BNA_M
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	163886	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	687195	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	376977	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	857546	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	918020	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1060908	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	6008	1.48	ng/uL	0.00
3) Phenol-d5	6.79	99	213174	15.29	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	148104	17.15	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	178082	15.98	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	138611	12.82	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	84852	16.31	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	92292	16.68	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	165733	15.85	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	166555	14.47	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	499909	16.91	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	651027	17.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	58052	11.31	ng/ul	0.00
21) Fluorene-d10	15.26	176	461677	17.46	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	49080	11.03	ng/ul	0.00
26) Anthracene-d10	17.11	188	718415	17.64	ng/ul	0.00
30) Pyrene-d10	19.42	212	798564	19.09	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	868186	17.79	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.44	128	748720	21.13	ng/ul	99
13) 2-Methylnaphthalene	12.06	142	144662	5.56	ng/ul	95
14) 1-Methylnaphthalene	12.28	142	93701	3.78	ng/ul#	93
18) Acenaphthylene	13.99	152	68421	1.69	ng/ul	94
19) Acenaphthene	14.33	153	315120	12.14	ng/ul	96
22) Fluorene	15.32	166	342035	11.69	ng/ul	95
25) Phenanthrene	17.06	178	3187430	66.09	ng/ul	97
27) Anthracene	17.14	178	689705	13.89	ng/ul	98
28) Fluoranthene	19.09	202	4279076m	75.52	ng/ul	
31) Pyrene	19.45	202	3545211	63.78	ng/ul#	95
32) Benzo(a)anthracene	21.20	228	2287687	41.12	ng/ul	98
33) Chrysene	21.26	228	2364158	46.09	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	3721337	58.51	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	1161311m	18.89	ng/ul	
38) Benzo(a)pyrene	23.33	252	2498074	40.36	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.62	276	2053648	28.65	ng/ul	98
40) Dibenzo(a,h)anthracene	25.62	278	562019m	9.46	ng/ul	
41) Benzo(g,h,i)perylene	26.30	276	1943200	31.63	ng/ul	97

U.M
07/26/16

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