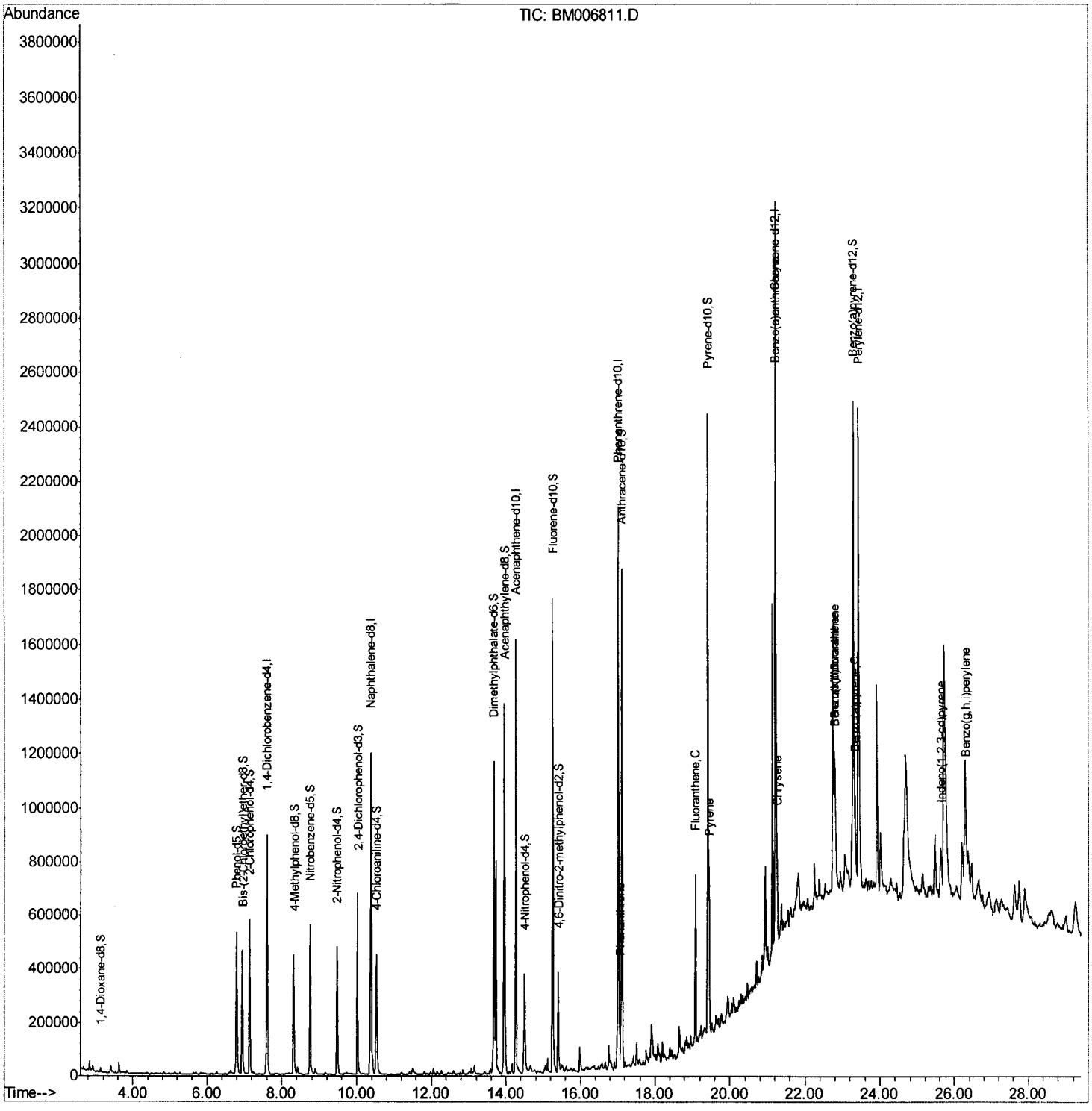
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073116\
Data File : BM006811.D
Acq On : 01 Aug 2016 04:59
Operator : UM/SJ
Sample : H4189-15
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Aug 01 08:13:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9ZQ4

Manual Integrations APPROVED
sohil
8/1/2016 7:08:40 PM



Quantitation Report (Qedit)

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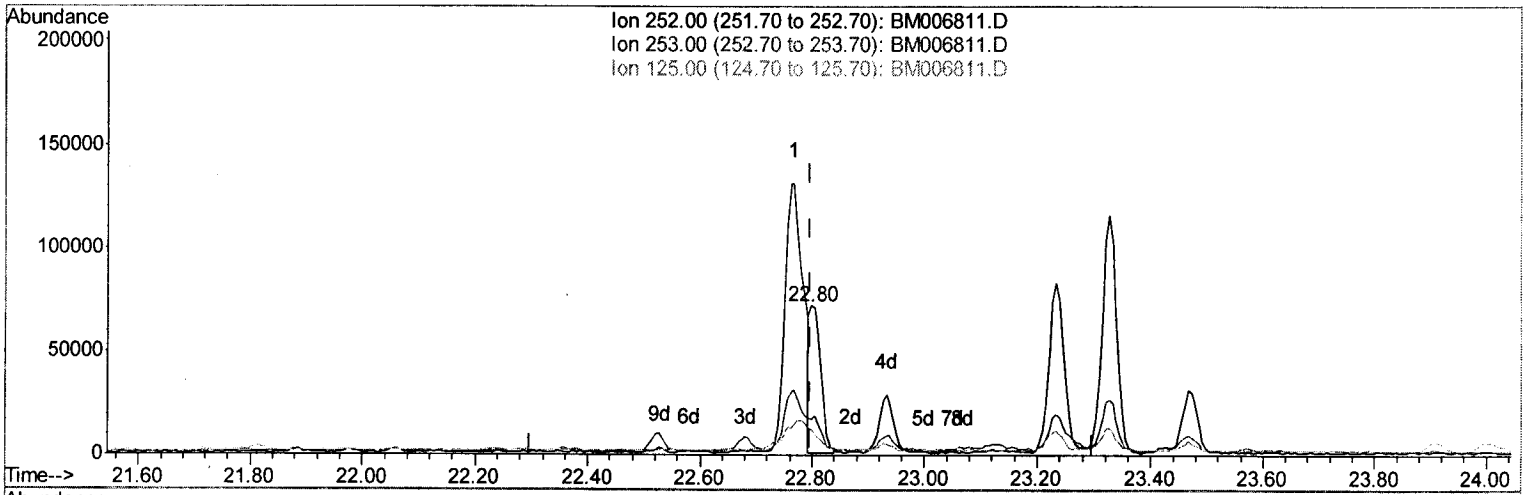

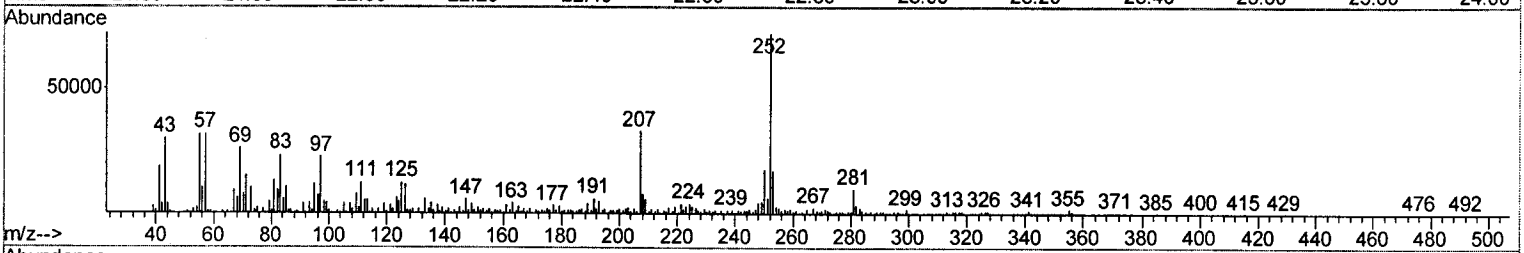

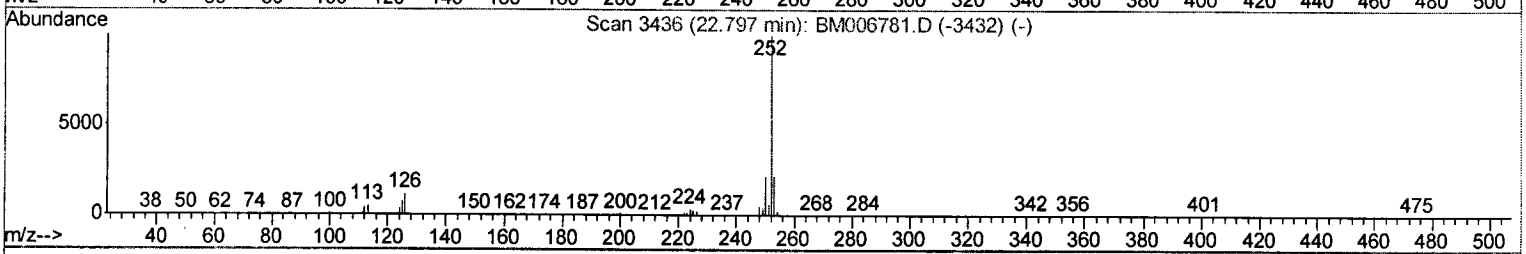

TIC: BM006811.D

(36) Benzo(k)fluoranthene

22.797min (+0.000) 1.23ng/ul m U.M 08/02/16

response 97583

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.12
125.00	9.60	17.78#
0.00	0.00	0.00

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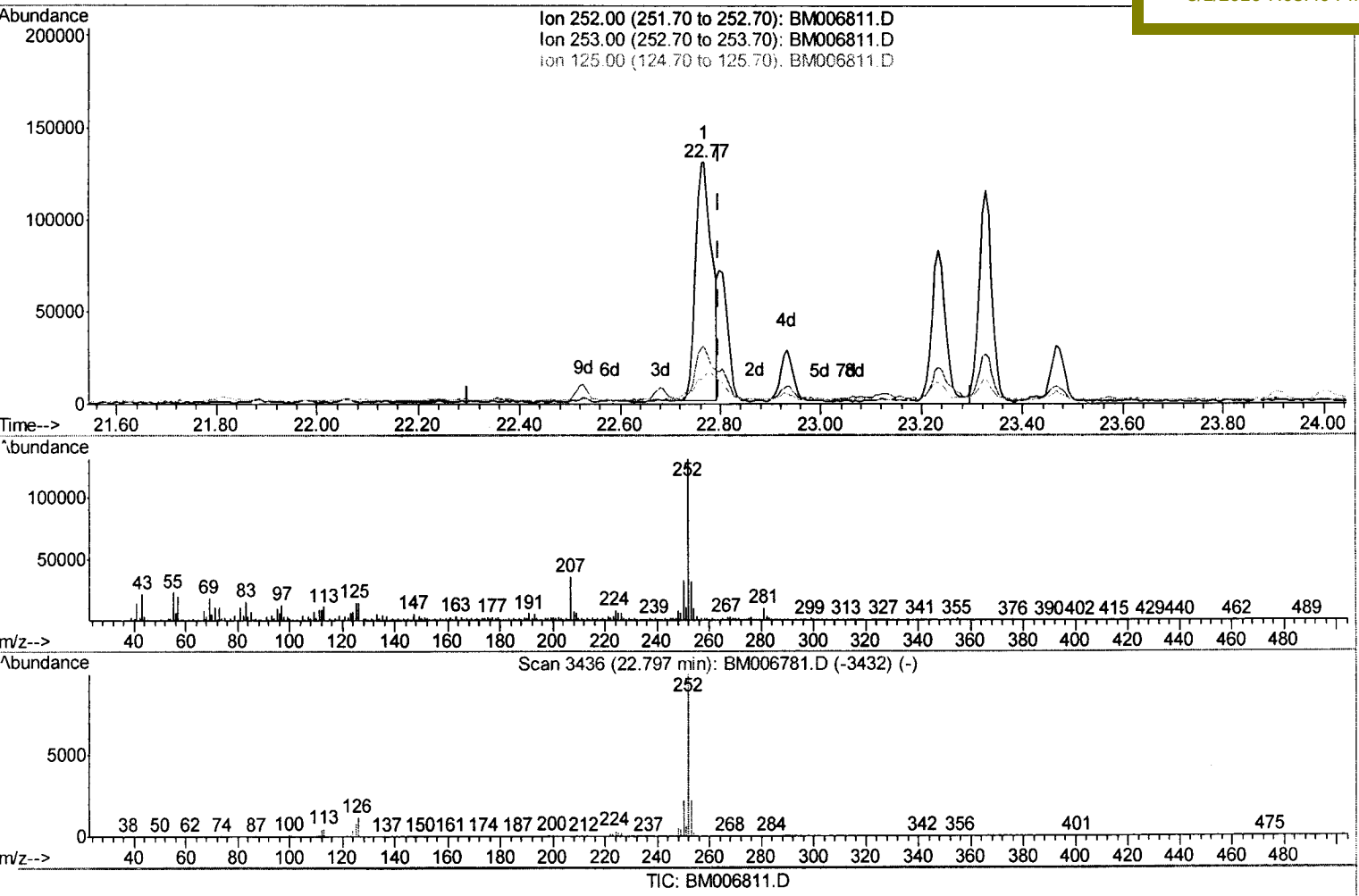
sohil
8/1/2016 7:08:40 PM



TIC: BM006811.D

(36) Benzo(k)fluoranthene

22.768min (-0.029) 3.66ng/ul

response 290753

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.09
125.00	9.60	11.23
0.00	0.00	0.00

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ClientSampleId : D9ZQ4

Manual Integrations APPROVED
sohil
8/1/2016 7:08:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	227256	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	994034	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	551432	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1228696	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1301325	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1371782	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	6951	1.24	ng/uL	0.00
3) Phenol-d5	6.79	99	292628	15.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	206413	17.23	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	247523	16.02	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	168292	11.22	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	130845	17.39	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	146544	18.31	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	245628	16.24	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	264752	15.90	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	776576	17.96	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1007479	18.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	98361	13.10	ng/ul	0.01
21) Fluorene-d10	15.26	176	695891	18.00	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	75915	11.90	ng/ul	0.01
26) Anthracene-d10	17.11	188	1052508	18.04	ng/ul	0.00
30) Pyrene-d10	19.42	212	1165244	19.65	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1138112	18.04	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	144788	2.10	ng/ul	98
28) Fluoranthene	19.08	202	365968	4.51	ng/ul	99
31) Pyrene	19.44	202	324511	4.12	ng/ul	99
32) Benzo(a)anthracene	21.20	228	188713	2.39	ng/ul	95
33) Chrysene	21.26	228	206730	2.84	ng/ul	95
35) Benzo(b)fluoranthene	22.77	252	290753	3.54	ng/ul	96
36) Benzo(k)fluoranthene	22.80	252	97583m	1.23	ng/ul	
38) Benzo(a)pyrene	23.33	252	203510	2.54	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.63	276	156546	1.69	ng/ul	98
41) Benzo(g,h,i)perylene	26.31	276	152011	1.91	ng/ul	97

U.M 08/02/16

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