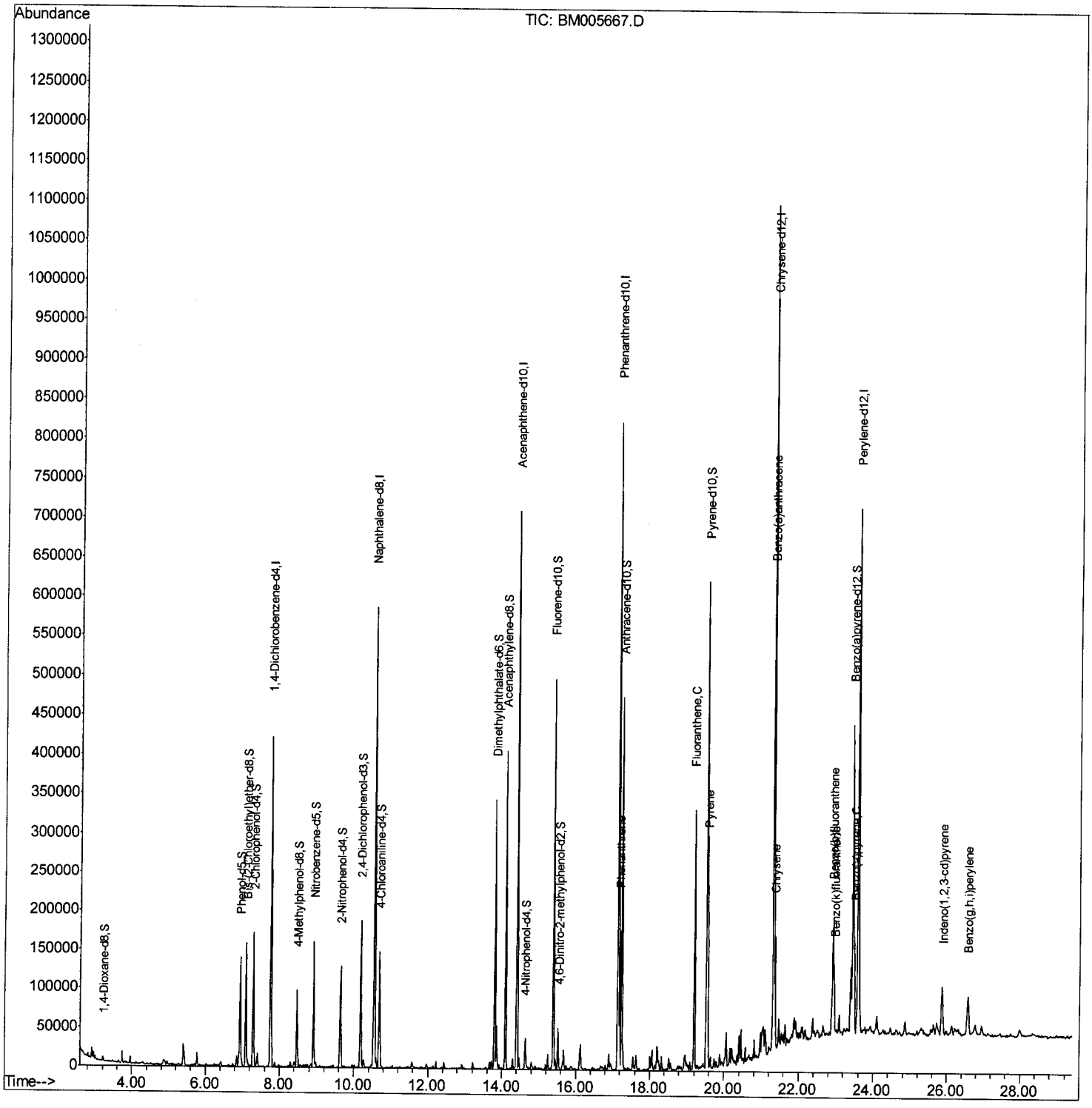
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005667.D
Acq On : 06 Jun 2016 13:25
Operator : UM/SJ
Sample : H3412-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 04:37:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9XT1

Manual Integrations APPROVED
sohil
6/7/2016 7:13:32 PM



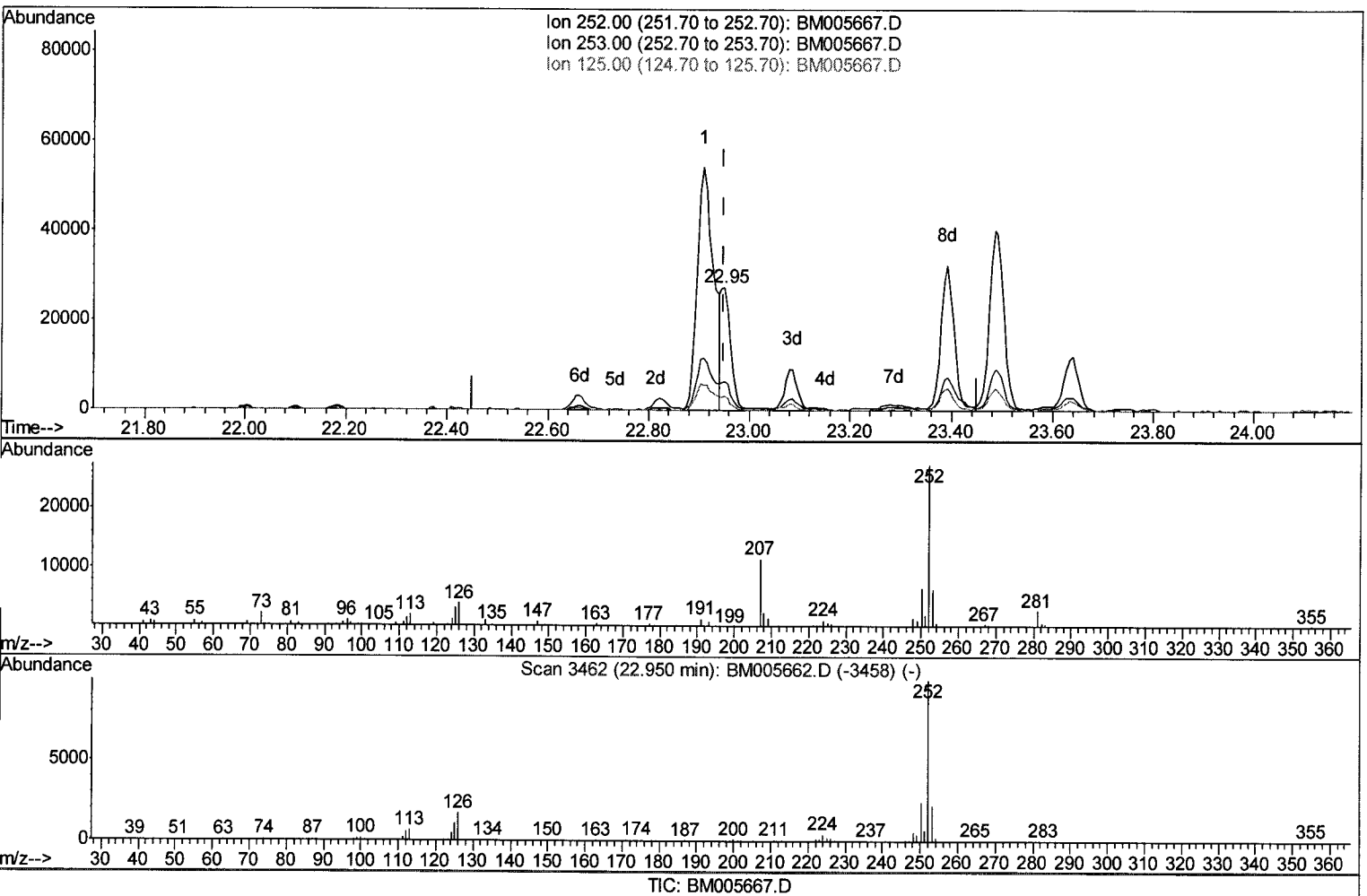
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005667.D
Acq On : 06 Jun 2016 13:25
Operator : UM/SJ
Sample : H3412-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 04:25:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9XT1

Manual Integrations APPROVED
sohil
6/7/2016 7:13:32 PM



TIC: BM005667.D

(36) Benzo(k)fluoranthene

22.950min (+0.000) 1.46ng/ul m U.M 06/08/16

response 37993

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.38
125.00	9.60	11.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

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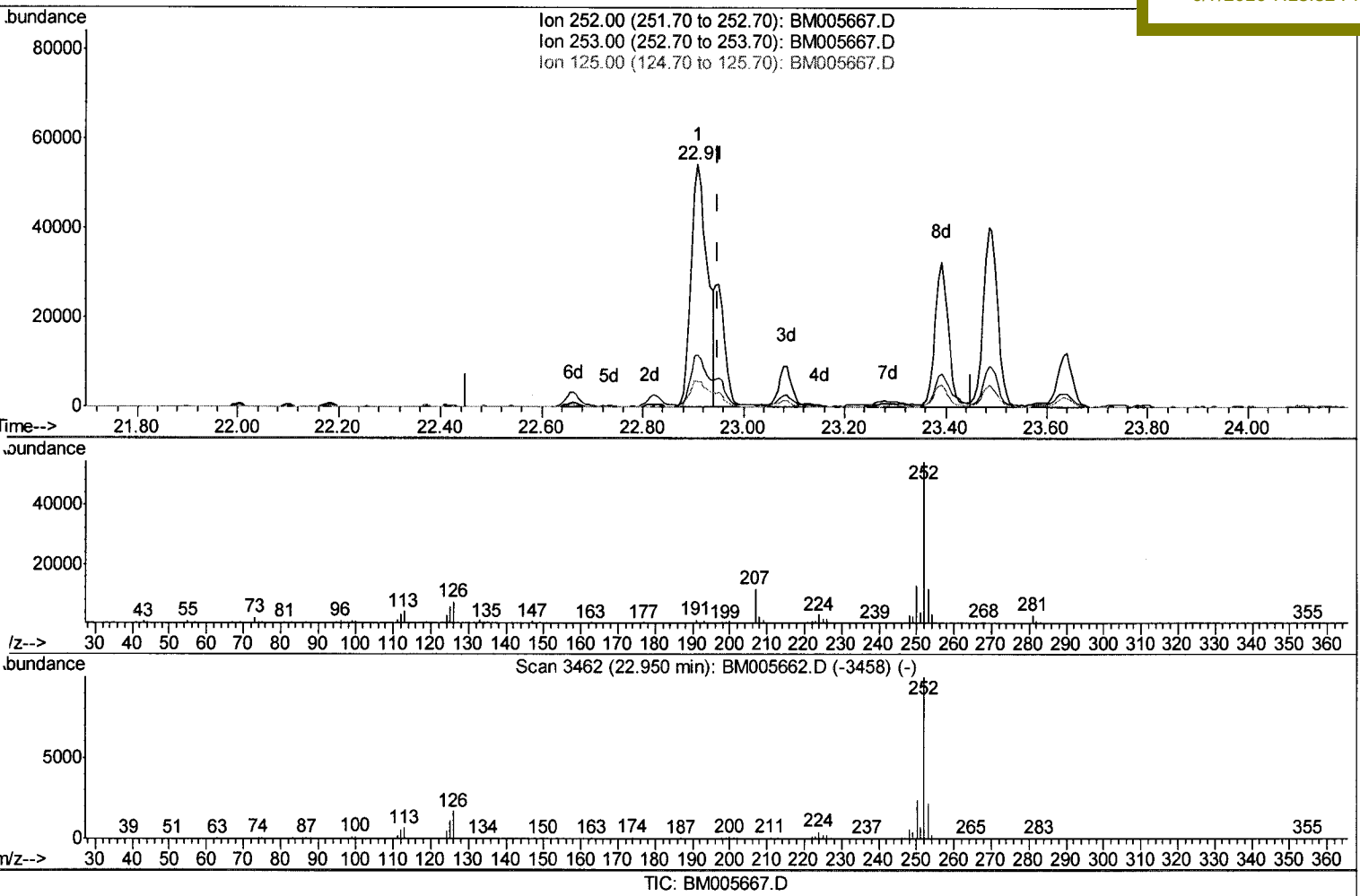
Instrument :
BNA_M
ClientSampleId :
D9XT1

Manual Integrations APPROVED
sohil
6/7/2016 7:13:32 PM



TIC: BM005667.D

(36) Benzo(k)fluoranthene

22.909min (-0.041) 4.68ng/ul

response 121646

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	21.43
125.00	9.60	10.47
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM005667.D
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Operator : UM/SJ
Sample : H3412-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 04:37:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9XT1

Manual Integrations APPROVED
sohil
6/7/2016 7:13:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	112125	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	492433	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	245710	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	471269	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	438808	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	459530	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	2718	1.02	ng/uL	0.00
3) Phenol-d5	6.94	99	85682	8.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	69650	11.61	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	81973	10.08	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	40093	5.14	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	40899	10.82	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	41707	10.31	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	70312	9.78	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	84438	9.88	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	226920	12.01	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	286411	11.66	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	12577	4.65	ng/ul	0.00
21) Fluorene-d10	15.39	176	194831	12.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	10761	4.85	ng/ul	0.00
26) Anthracene-d10	17.24	188	267303	11.94	ng/ul	0.00
30) Pyrene-d10	19.53	212	283507	12.85	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	262230	12.40	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.19	178	102760	3.95	ng/ul	98
28) Fluoranthene	19.20	202	188917	7.11	ng/ul	99
31) Pyrene	19.56	202	155342	5.61	ng/ul	98
32) Benzo(a)anthracene	21.31	228	87567	3.40	ng/ul	98
33) Chrysene	21.36	228	79437	3.27	ng/ul	95
35) Benzo(b)fluoranthene	22.91	252	121646	4.39	ng/ul	98
36) Benzo(k)fluoranthene	22.95	252	37993m	1.46	ng/ul	
38) Benzo(a)pyrene	23.49	252	80138	3.00	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	60761	1.93	ng/ul	96
41) Benzo(g,h,i)perylene	26.57	276	61495	2.32	ng/ul#	92

U.M 06/08/16

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