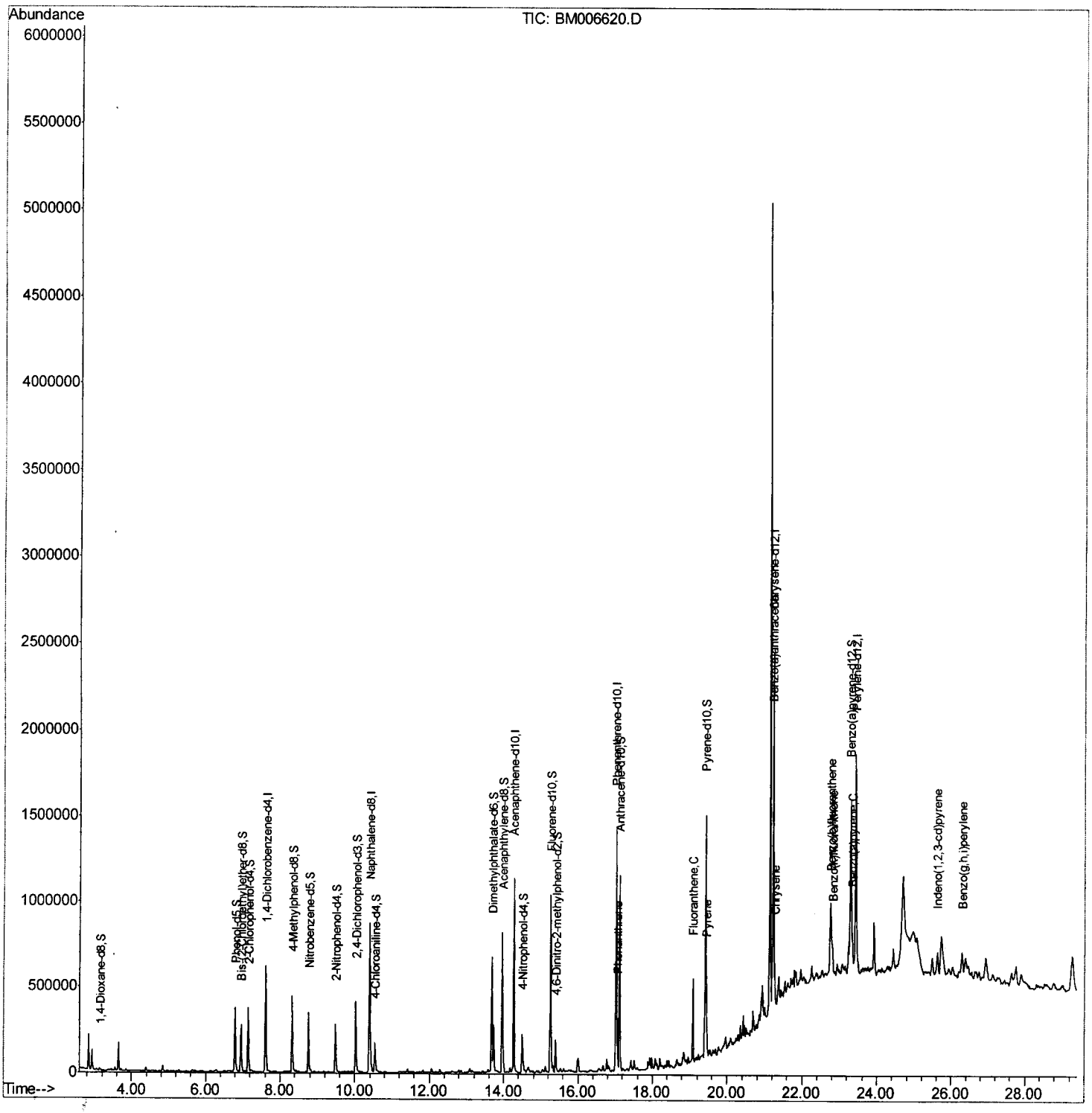
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006620.D
Acq On : 22 Jul 2016 11:43
Operator : UM/SJ
Sample : H4076-08 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 00:32:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YP3

Manual Integratio
APPROVE
sohil
7/25/2016 6:39:53 PM



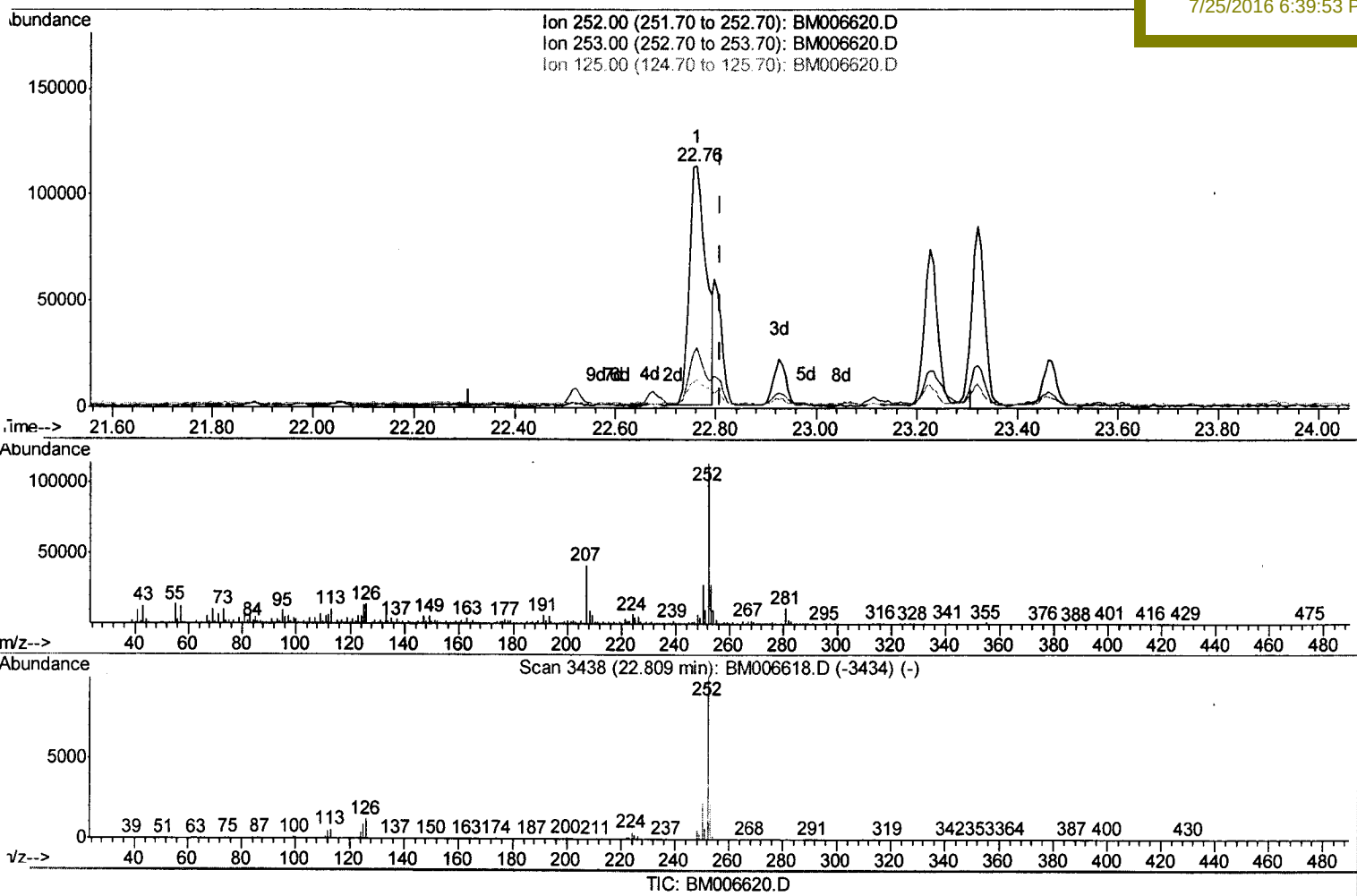
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006620.D
Acq On : 22 Jul 2016 11:43
Operator : UM/SJ
Sample : H4076-08 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 00:16:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YP3

Manual Integratio
APPROVED
sohil
7/25/2016 6:39:53 PM



TIC: BM006620.D

(36) Benzo(k)fluoranthene

22.762min (-0.047) 4.69ng/ul

response 257419

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.86
125.00	9.60	11.70#
0.00	0.00	0.00

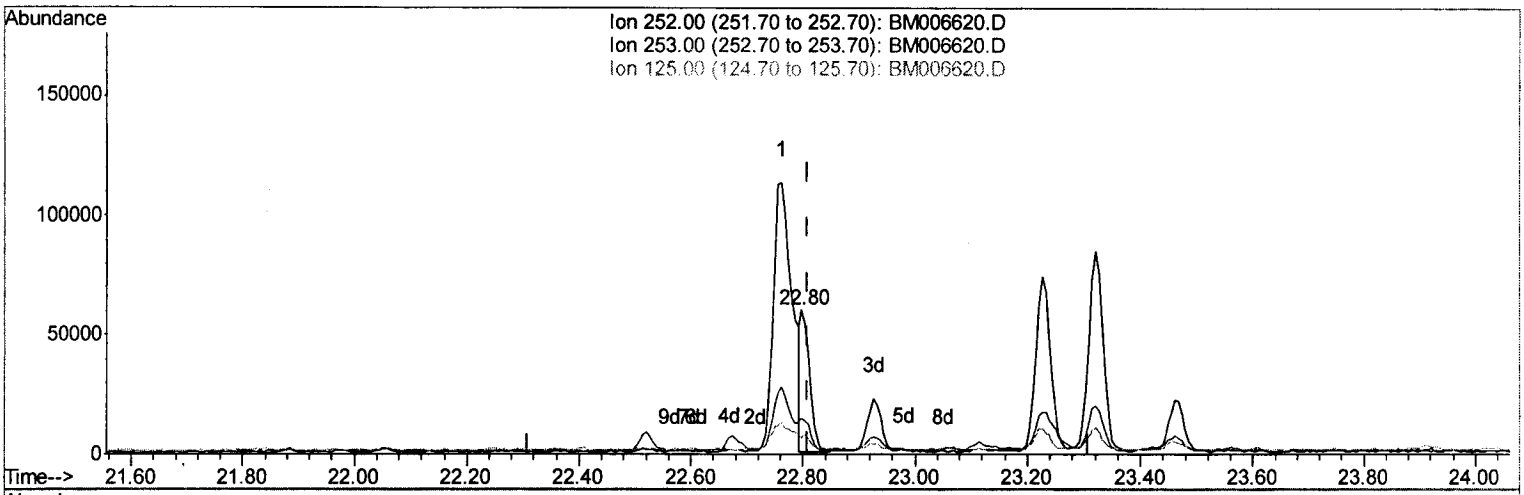
Quantitation Report (Qedit)

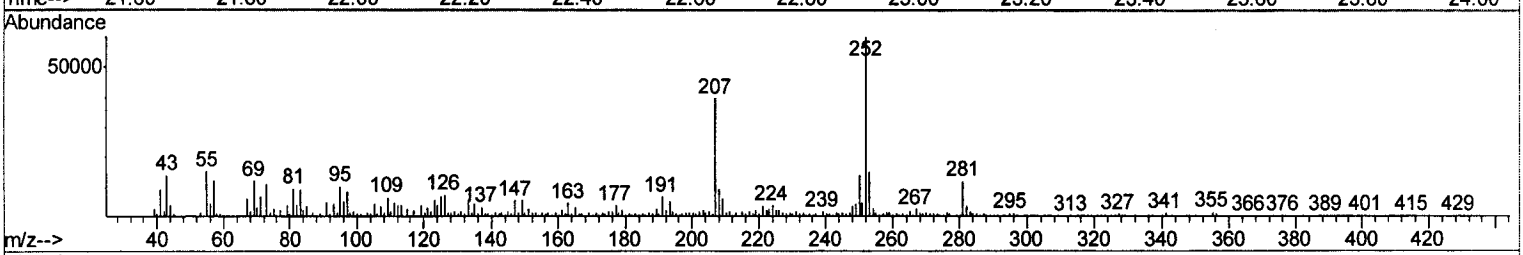
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006620.D
Acq On : 22 Jul 2016 11:43
Operator : UM/SJ
Sample : H4076-08 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

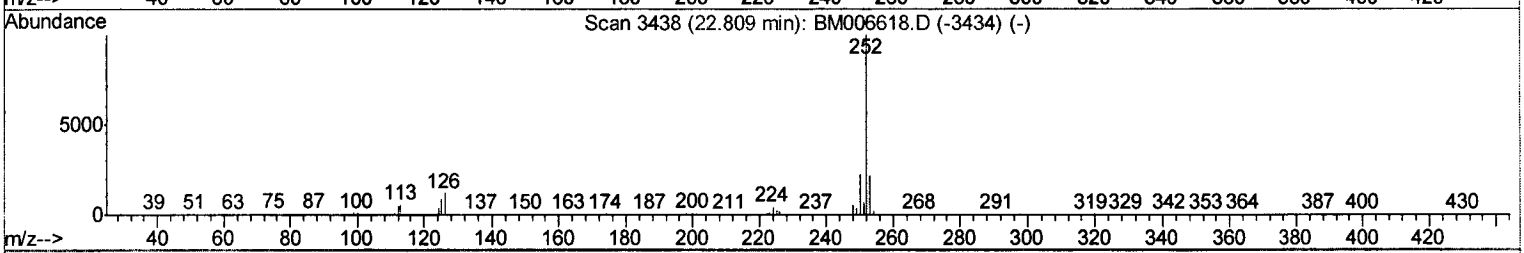
Quant Time: Jul 23 00:16:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YP3

Manual Integratio
APPROVE
sohil
7/25/2016 6:39:53 PM







TIC: BM006620.D

(36) Benzo(k)fluoranthene

22.797min (-0.012) 1.24ng/ul m U.M 07/26/16

response 67972

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.10
125.00	9.60	11.43
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006620.D
Acq On : 22 Jul 2016 11:43
Operator : UM/SJ
Sample : H4076-08 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 00:32:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YP3

Manual Integratio

sohil
7/25/2016 6:39:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	165143	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	707332	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	386365	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	860241	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	918329	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	947528	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	4944	1.21	ng/uL	0.00
3) Phenol-d5	6.80	99	208833	14.86	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	131523	15.11	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	165229	14.72	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	169653	15.57	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	79371	14.82	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	84662	14.87	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	155713	14.47	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	104589	8.83	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	457827	15.11	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	603890	15.62	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	59695	11.35	ng/ul	0.00
21) Fluorene-d10	15.26	176	417742	15.42	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	39382	8.82	ng/ul	0.00
26) Anthracene-d10	17.12	188	634678	15.54	ng/ul	0.00
30) Pyrene-d10	19.42	212	703340	16.81	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	678139	15.56	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	184651	3.82	ng/ul	100
28) Fluoranthene	19.09	202	289220	5.09	ng/ul	98
31) Pyrene	19.44	202	240036	4.32	ng/ul	96
32) Benzo(a)anthracene	21.20	228	149140	2.68	ng/ul	95
33) Chrysene	21.25	228	163723	3.19	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	257419	4.53	ng/ul#	95
36) Benzo(k)fluoranthene	22.80	252	67972m	1.24	ng/ul	
38) Benzo(a)pyrene	23.32	252	149968	2.71	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	25.61	276	129308	2.02	ng/ul	96
41) Benzo(g,h,i)perylene	26.30	276	125054	2.28	ng/ul	97

U,M 07/26/16

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