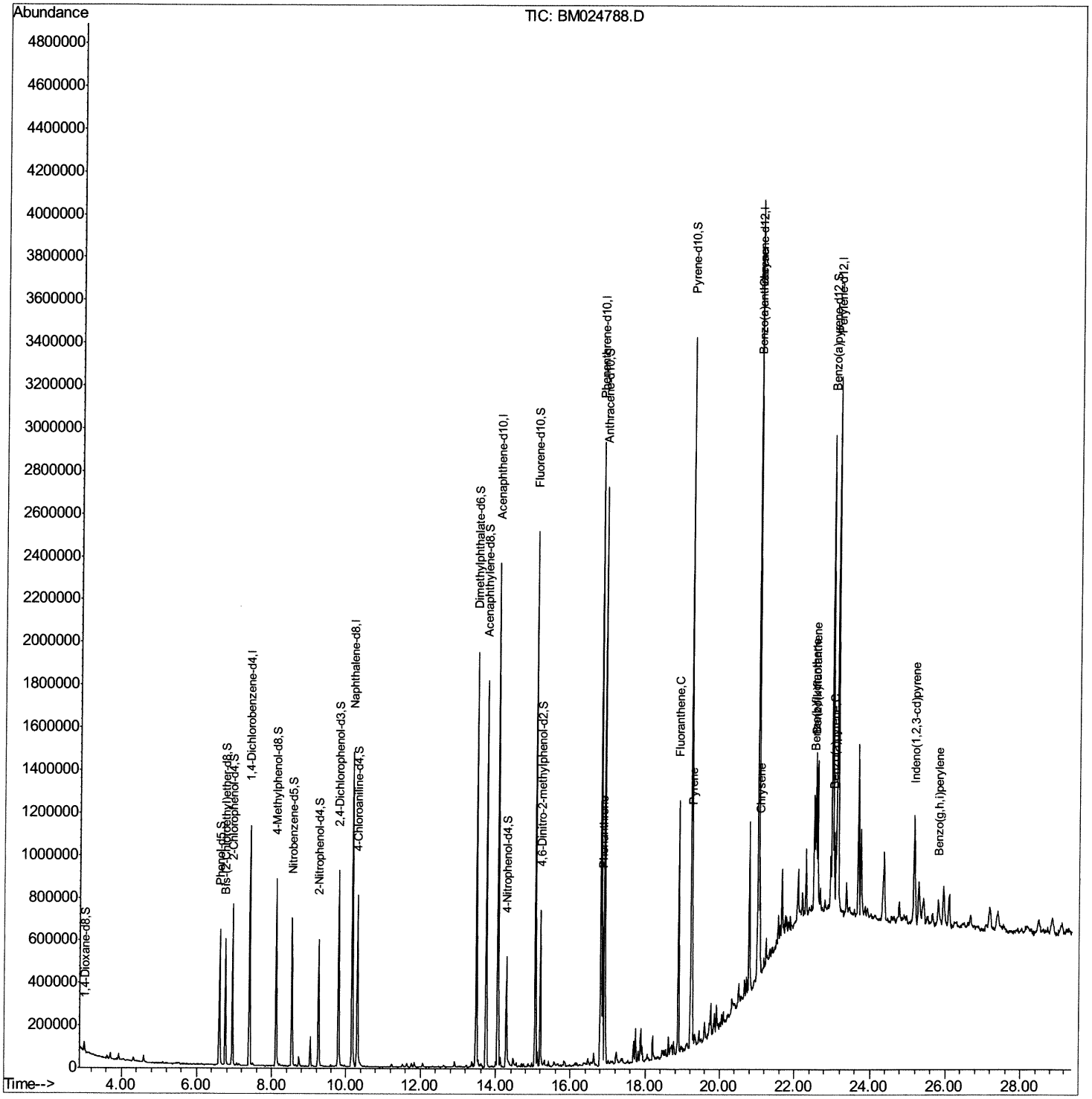
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024788.D
Acq On : 08 Feb 2020 07:52
Operator : CG/JU
Sample : L1400-08
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Feb 10 00:50:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB6H4

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:26 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024788.D
Acq On : 08 Feb 2020 07:52
Operator : CG/JU
Sample : L1400-08
Misc :
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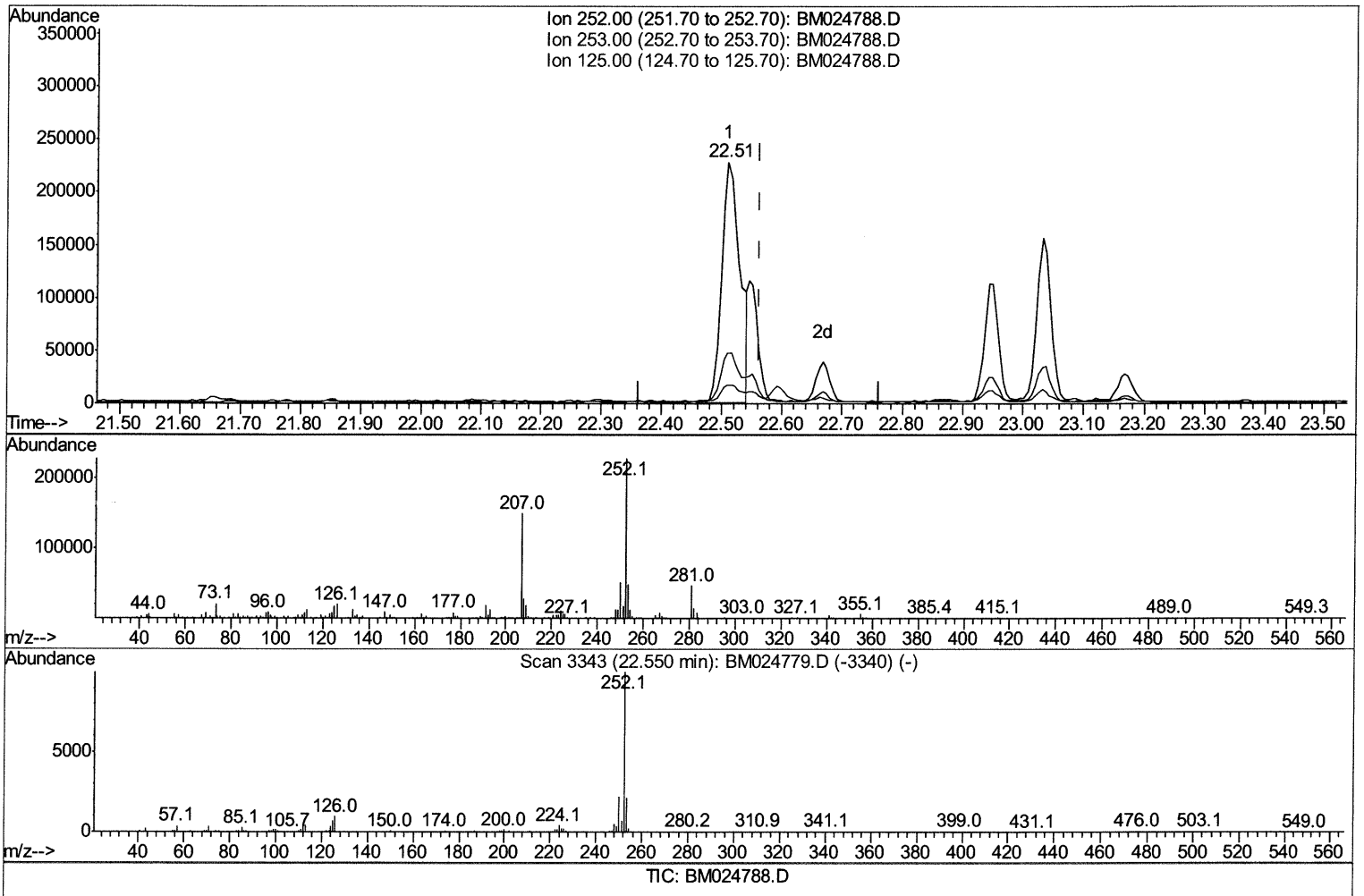
Quant Time: Feb 10 00:11:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB6H4

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:26 AM



TIC: BM024788.D

(89) Benzo(k)fluoranthene

22.509min (-0.053) 4.32ng/ul

response 468000

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.15
125.00	6.40	7.87#
0.00	0.00	0.00

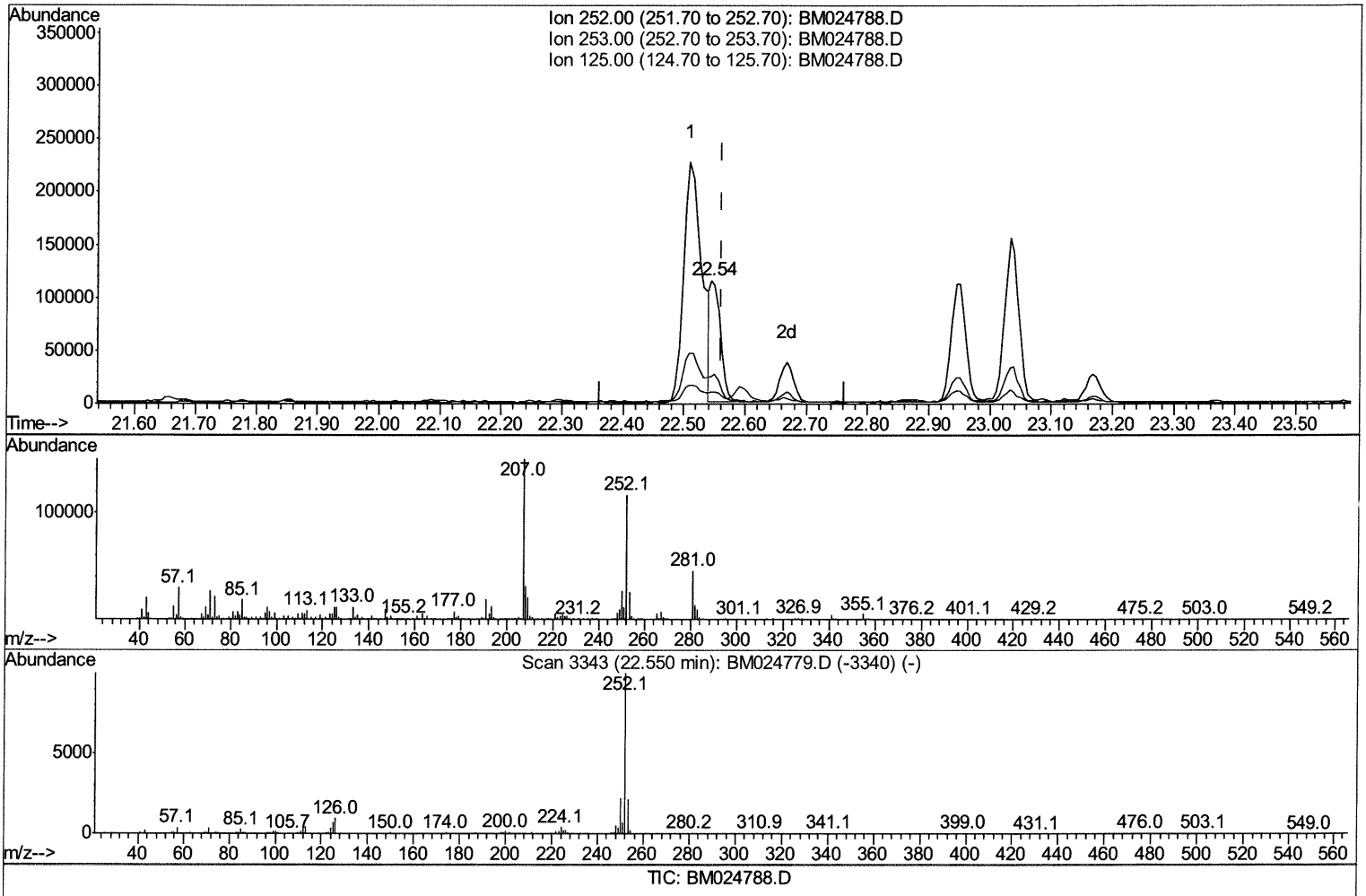
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024788.D
Acq On : 08 Feb 2020 07:52
Operator : CG/JU
Sample : L1400-08
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Feb 10 00:11:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB6H4

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:26 AM



TIC: BM024788.D

(89) Benzo(k)fluoranthene

22.544min (-0.018) 1.27ng/ul m JH 02/12/20

response 138059

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.37
125.00	6.40	9.78#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024788.D
Acq On : 08 Feb 2020 07:52
Operator : CG/JU
Sample : L1400-08
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Feb 10 00:50:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : CB6H4

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:26 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	317517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1245966	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	818843	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1775283	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1710947	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1769327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	21867	3.31	ng/uL	0.00
5) Phenol-d5	6.60	99	369444	17.52	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	247657	20.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	350968	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	326661	18.35	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	182829	20.29	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	209180	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	367390	17.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	463152	23.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1301100	21.05	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1348883	18.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	159692	15.90	ng/ul	0.00
58) Fluorene-d10	15.06	176	1051732	19.22	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	186562	16.12	ng/ul	0.00
71) Anthracene-d10	16.91	188	1534558	18.94	ng/ul	0.00
79) Pyrene-d10	19.22	212	1670723	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1641402	18.47	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	425731	4.398	ng/ul	99
77) Fluoranthene	18.88	202	721588	6.073	ng/ul	99
80) Pyrene	19.24	202	561263	4.956	ng/ul	99
83) Benzo(a)anthracene	21.01	228	345103	2.994	ng/ul	98
85) Chrysene	21.06	228	335287	2.955	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	468000	4.160	ng/ul#	98
89) Benzo(k)fluoranthene	22.54	252	138059m >	1.275	ng/ul >	JU 02/12/20
91) Benzo(a)pyrene	23.03	252	253122	2.509	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	198980	1.585	ng/ul	98
94) Benzo(g,h,i)perylene	25.80	276	144275	1.381	ng/ul	99

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