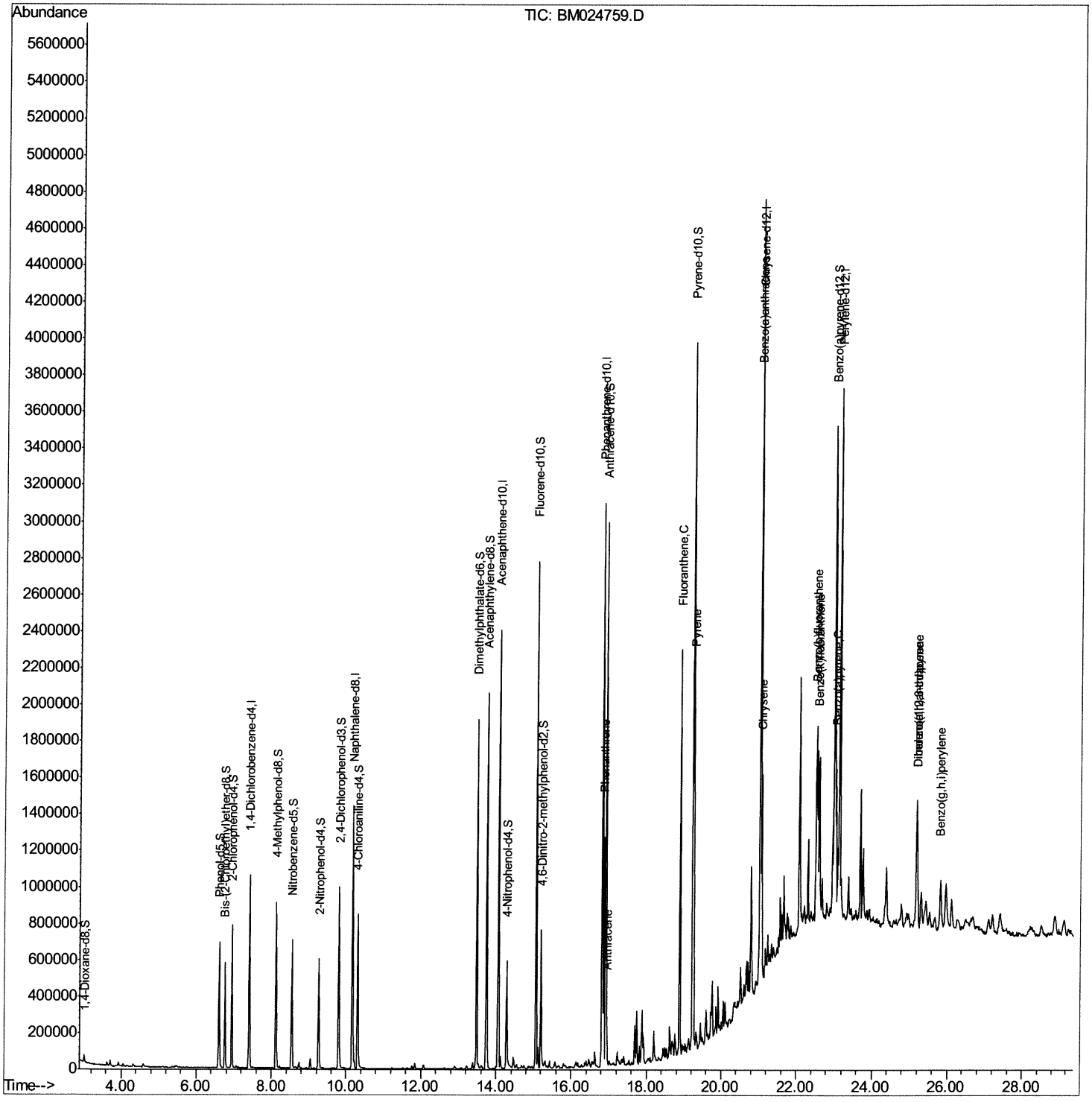
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024759.D
Acq On : 07 Feb 2020 13:07
Operator : CG/JU
Sample : L1399-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 07 16:13:59 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 :
CB6F6

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:34 AM

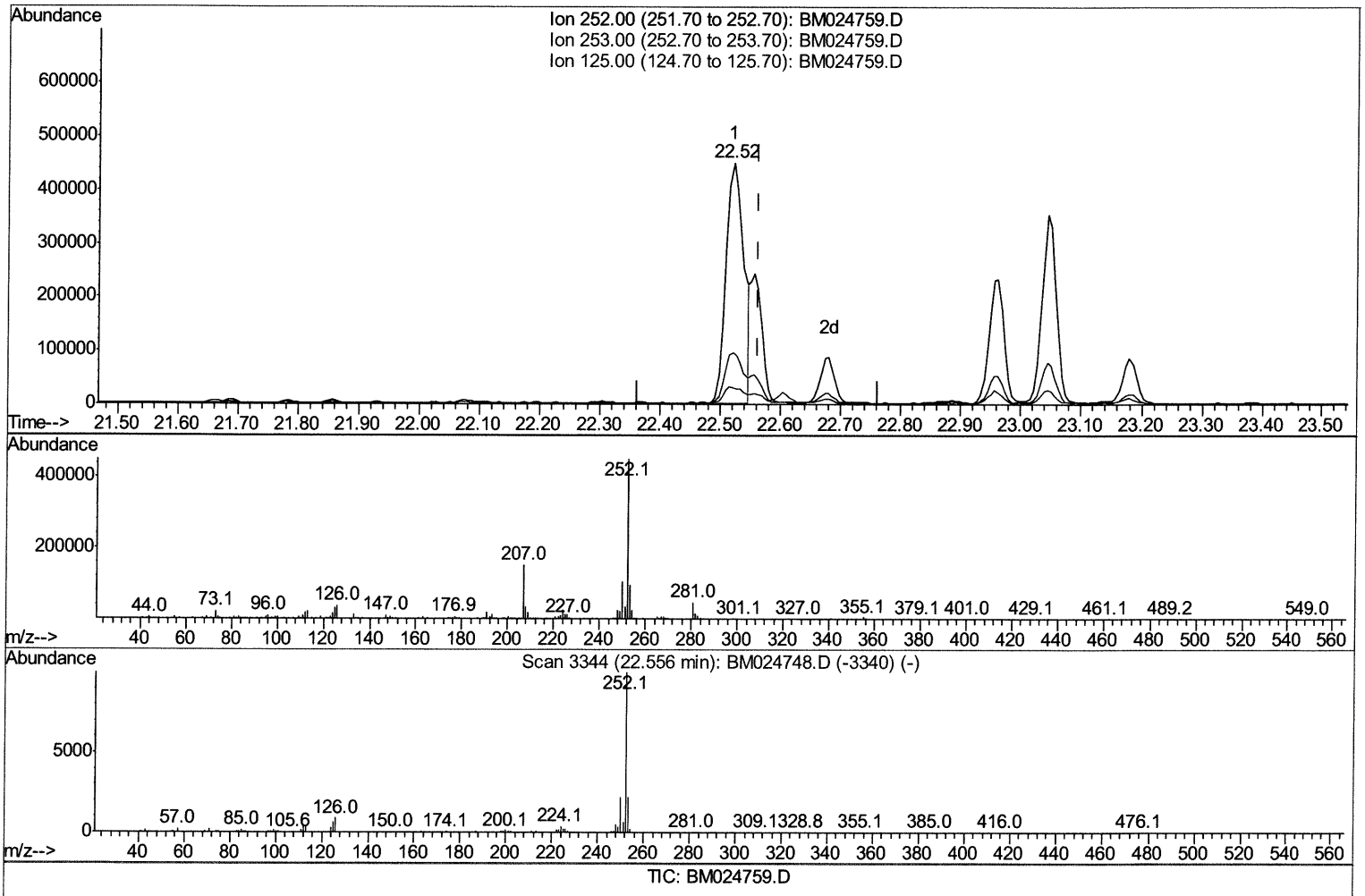


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024759.D
Acq On : 07 Feb 2020 13:07
Operator : CG/JU
Sample : L1399-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 07 15:44:06 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 :
CB6F6

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:34 AM



TIC: BM024759.D

(89) Benzo(k)fluoranthene

22.521min (-0.041) 7.49ng/ul

response 906829

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.58
125.00	6.40	6.94
0.00	0.00	0.00

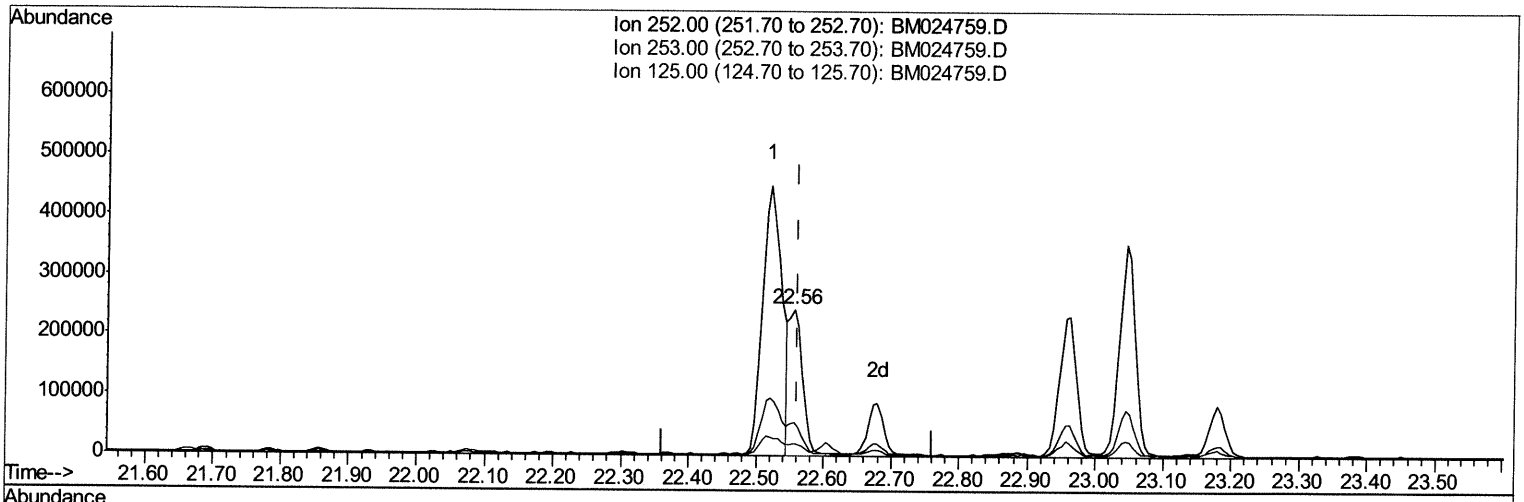
Quantitation Report (Qedit)

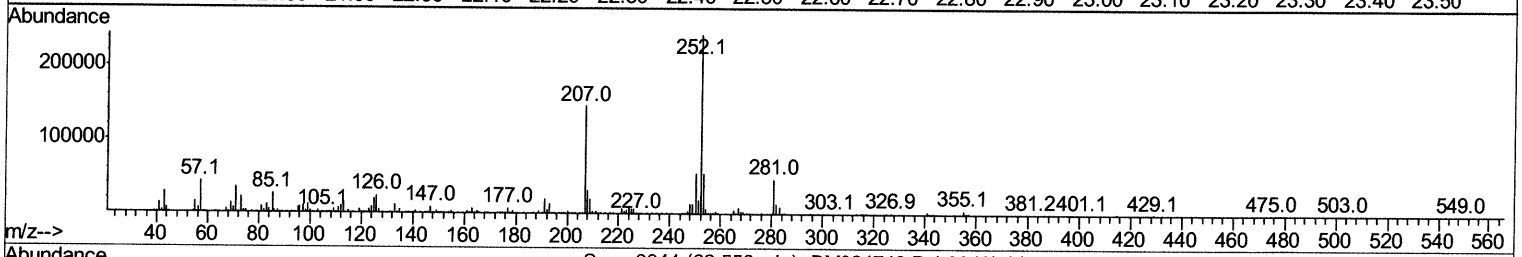
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024759.D
Acq On : 07 Feb 2020 13:07
Operator : CG/JU
Sample : L1399-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

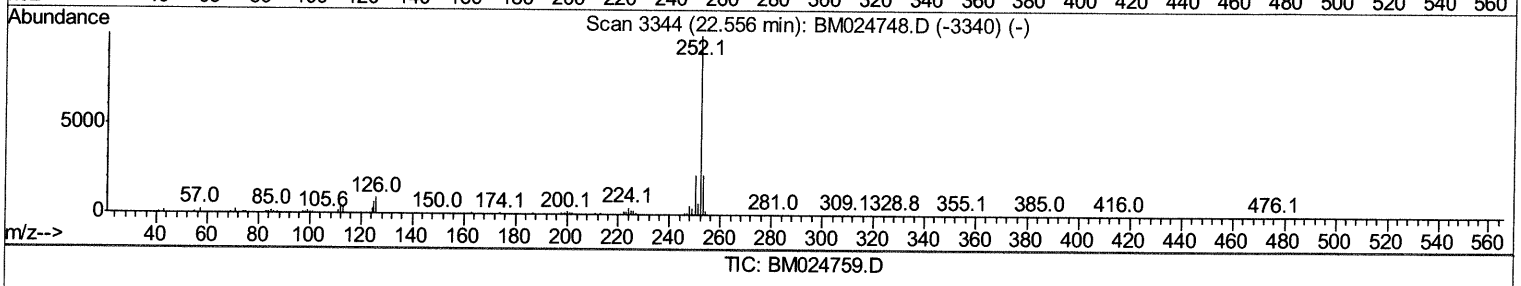
Quant Time: Feb 07 15:44:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB6F6

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:34 AM







TIC: BM024759.D

(89) Benzo(k)fluoranthene

22.556min (-0.006) 2.77ng/ul m JU 02/12/20

response 335490

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.44
125.00	6.40	8.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024759.D
Acq On : 07 Feb 2020 13:07
Operator : CG/JU
Sample : L1399-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6F6

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:34 AM

Quant Time: Feb 07 16:13:59 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	309187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1217407	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	832906	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1853531	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1771490	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1977685	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	22135	3.44	ng/uL	0.00
5) Phenol-d5	6.60	99	390612	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	241117	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	358880	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	338824	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	182745	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	218376	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	387270	18.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	486012	24.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1335642	21.24	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1487155	20.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	183842	18.00	ng/ul	0.00
58) Fluorene-d10	15.06	176	1134062	20.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	204761	16.95	ng/ul	0.00
71) Anthracene-d10	16.92	188	1711546	20.23	ng/ul	0.00
79) Pyrene-d10	19.22	212	1930604	21.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1995565	20.09	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.86	178	761419	7.534	ng/ul	99
72) Anthracene	16.94	178	159583	1.557	ng/ul	98
77) Fluoranthene	18.89	202	1363804	10.993	ng/ul	100
80) Pyrene	19.25	202	1163409	9.922	ng/ul	99
83) Benzo(a)anthracene	21.01	228	715176	5.993	ng/ul	98
85) Chrysene	21.06	228	699844	5.957	ng/ul	98
88) Benzo(b)fluoranthene	22.52	252	906829	7.211	ng/ul	100
89) Benzo(k)fluoranthene	22.56	252	335490m >	2.772	ng/ul >	JU 02/12/20
91) Benzo(a)pyrene	23.04	252	576723	5.115	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	427920	3.049	ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	125734	1.051	ng/ul#	95
94) Benzo(g,h,i)perylene	25.81	276	330554	2.832	ng/ul	98

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