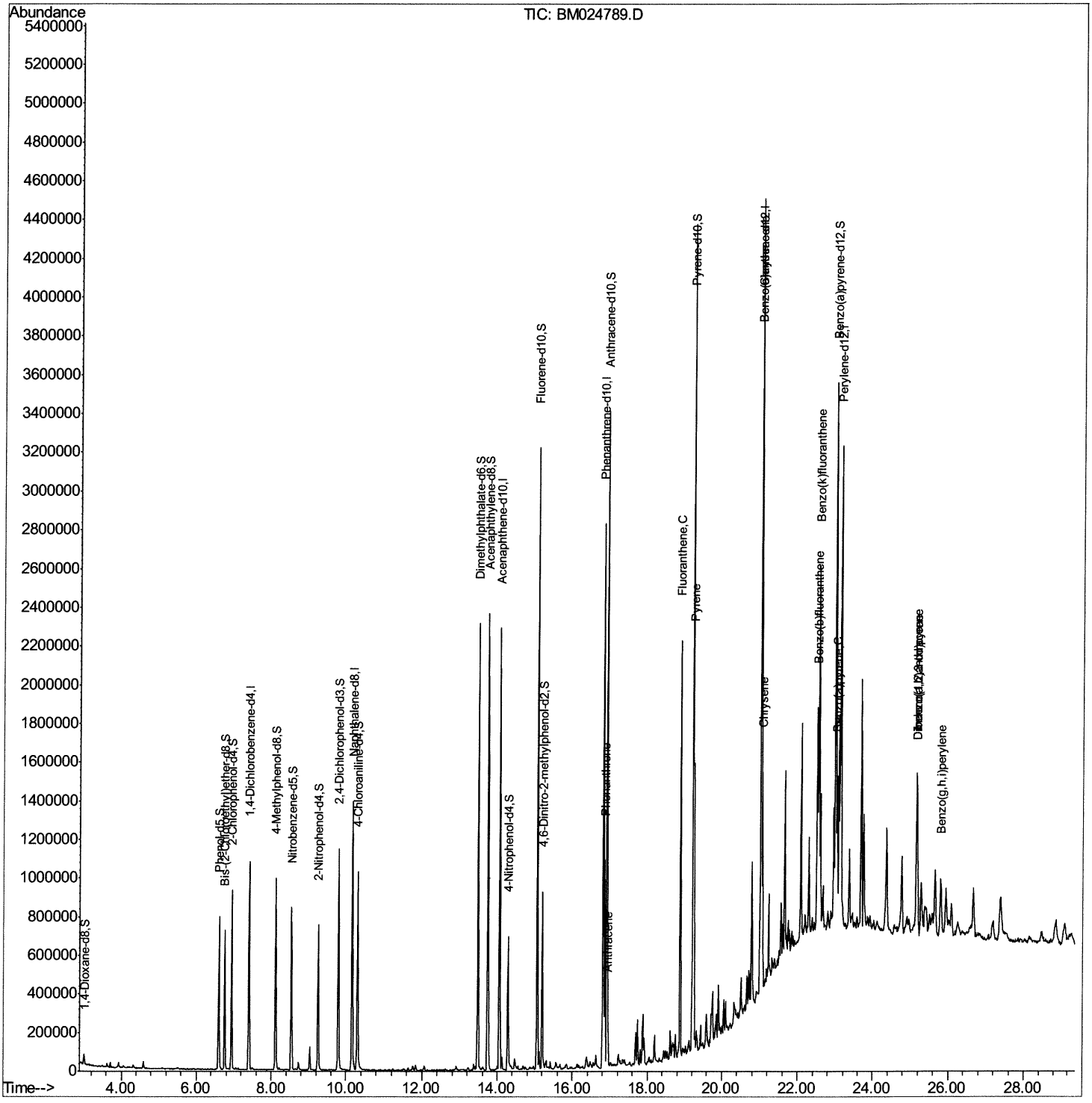
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024789.D
Acq On : 08 Feb 2020 08:28
Operator : CG/JU
Sample : L1400-09
Misc :
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Feb 10 00:52:28 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 :
CB6H5

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:28 AM



Quantitation Report (Qedit)

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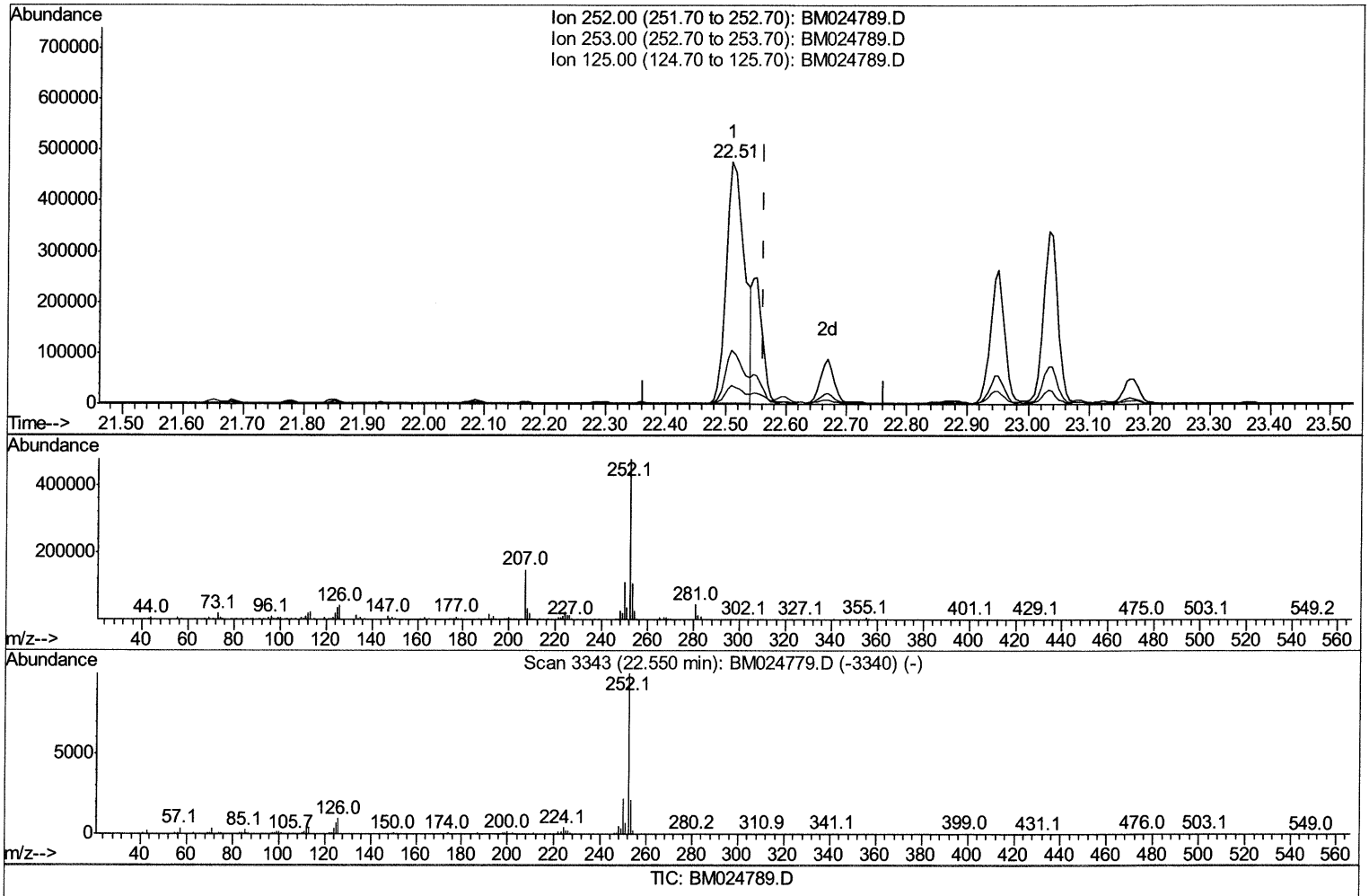

TIC: BM024789.D

(89) Benzo(k)fluoranthene

22.509min (-0.053) 9.33ng/ul

response 1000835

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.49
125.00	6.40	7.75#
0.00	0.00	0.00

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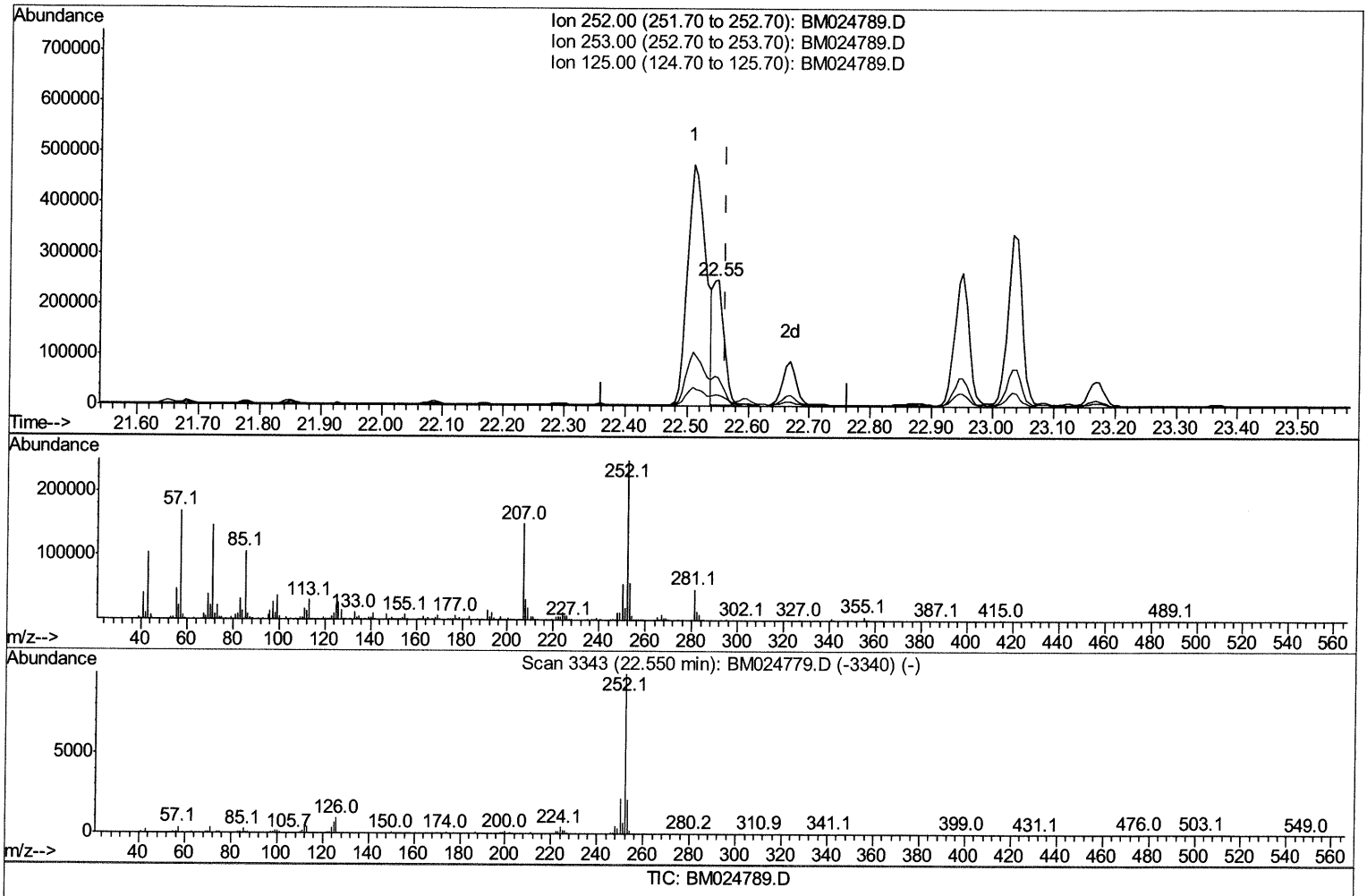
mohammad
2/11/2020 8:22:28 AM



TIC: BM024789.D

(89) Benzo(k)fluoranthene

22.550min (-0.012) 2.67ng/ul m JU 02/12/20

response 285907

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.13
125.00	6.40	8.92#
0.00	0.00	0.00

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Acq On : 08 Feb 2020 08:28
Operator : CG/JU
Sample : L1400-09
Misc :
ALS Vial : 68 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : CB6H5

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	302371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1185487	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	786122	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1718313	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1713389	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1752476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	26343	4.19	ng/uL	0.00
5) Phenol-d5	6.60	99	455578	22.68	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	293479	25.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	432585	24.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	371389	21.91	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	223069	26.02	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	266482	26.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	457618	22.40	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	577546	30.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1560425	26.30	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1727910	24.93	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	209245	21.70	ng/ul	0.00
58) Fluorene-d10	15.06	176	1331531	25.34	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	234199	20.91	ng/ul	0.00
71) Anthracene-d10	16.91	188	1936310	24.68	ng/ul	0.00
79) Pyrene-d10	19.22	212	2073483	24.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2063602	23.45	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	638222	6.812	ng/ul	100
72) Anthracene	16.94	178	142009	1.495	ng/ul	98
77) Fluoranthene	18.88	202	1327139	11.539	ng/ul	99
80) Pyrene	19.24	202	1187986	10.475	ng/ul	99
83) Benzo(a)anthracene	21.01	228	663814	5.752	ng/ul	97
85) Chrysene	21.06	228	691027	6.082	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	1000835	8.981	ng/ul#	98
89) Benzo(k)fluoranthene	22.55	252	285907m >	2.666	ng/ul >	JU 02/12/20
91) Benzo(a)pyrene	23.03	252	557521	5.580	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	466522	3.751	ng/ul	98
93) Dibenzo(a,h)anthracene	25.18	278	131792	1.244	ng/ul#	88
94) Benzo(g,h,i)perylene	25.80	276	346456	3.349	ng/ul	98

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