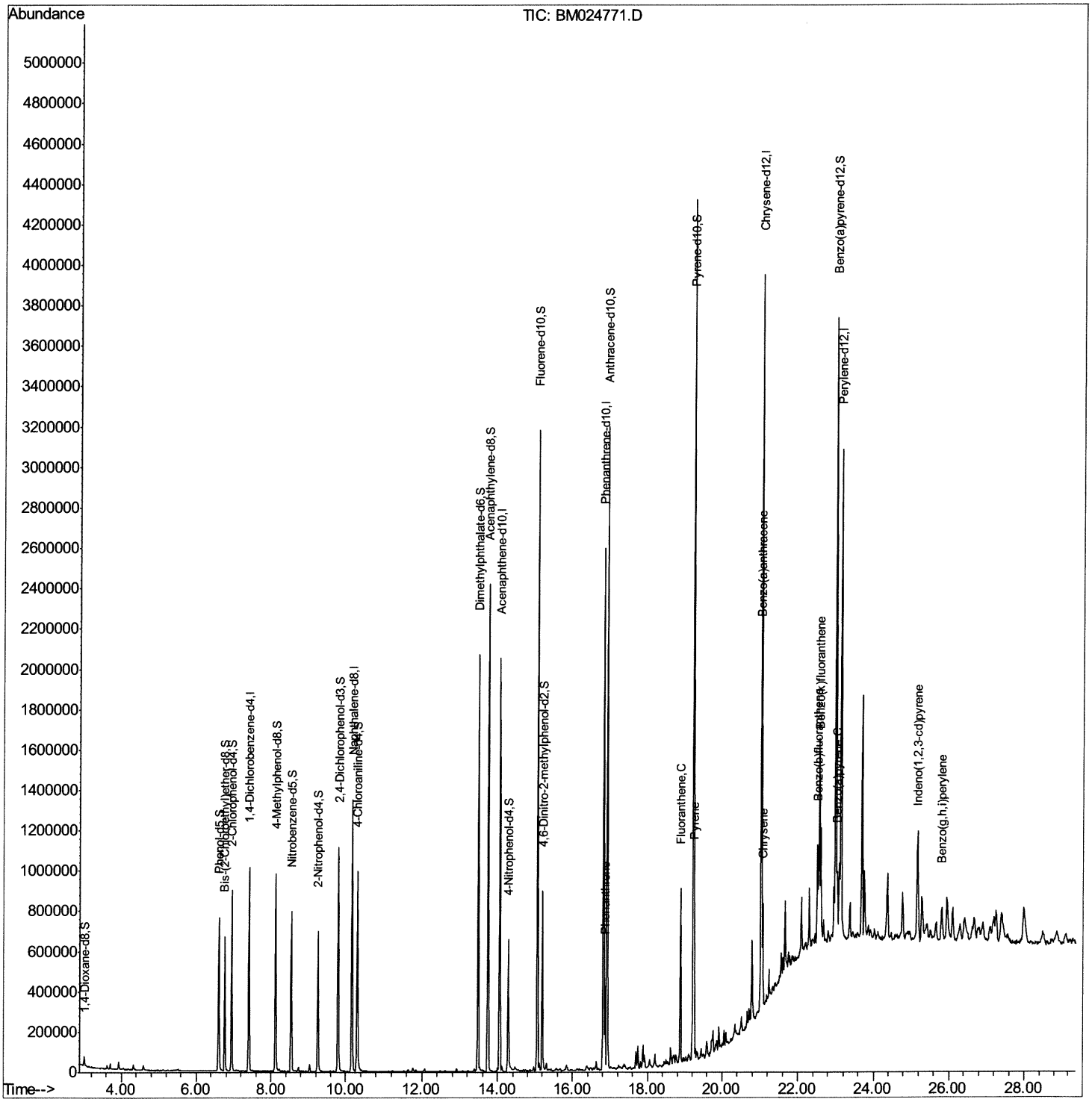
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024771.D
Acq On : 07 Feb 2020 21:05
Operator : CG/JU
Sample : L1399-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Feb 07 23:01:10 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 :
CB6T1

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:04 AM



Quantitation Report (Qedit)

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Data File : BM024771.D
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Sample : L1399-16
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Quant Time: Feb 07 22:17:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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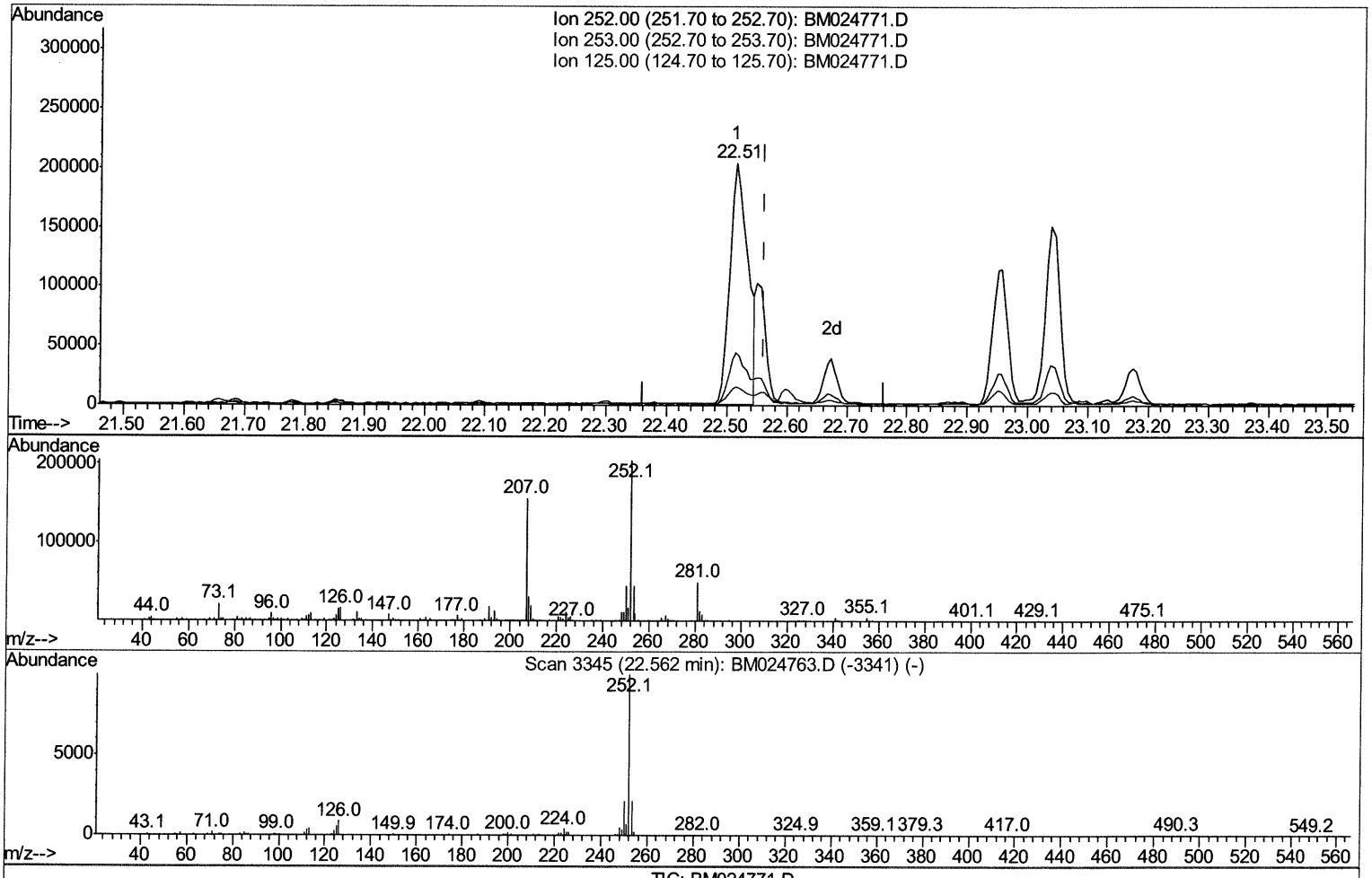
2/11/2020 8:22:04 AM



TIC: BM024771.D

(89) Benzo(k)fluoranthene

22.515min (-0.047) 4.08ng/ul

response 429185

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.84
125.00	6.40	7.81#
0.00	0.00	0.00

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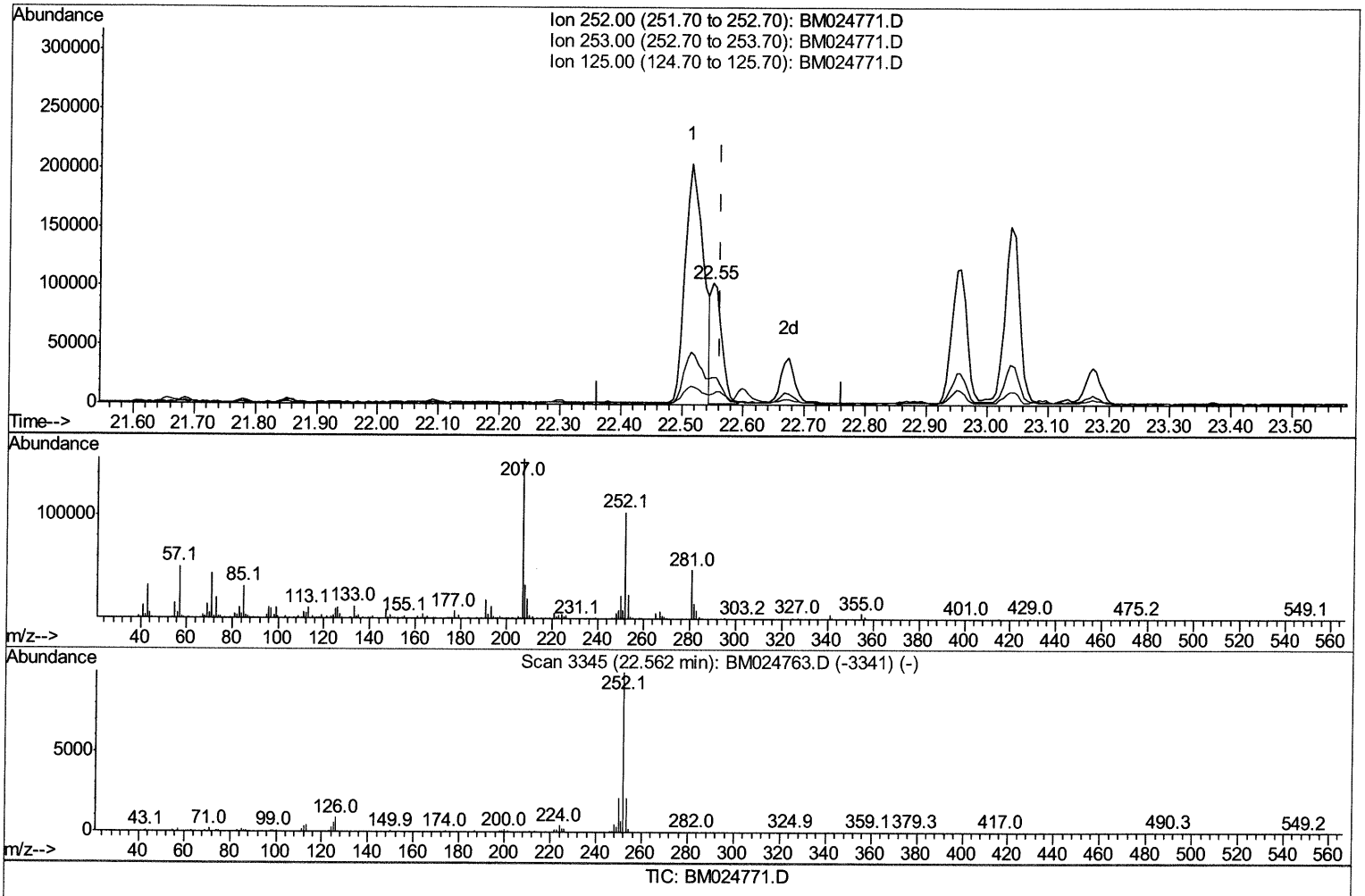
Manual Integrations APPROVED
mohammad
2/11/2020 8:22:04 AM



TIC: BM024771.D

(89) Benzo(k)fluoranthene

22.550min (-0.012) 1.10ng/ul m JU 02/12/20

response 115350

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.49
125.00	6.40	9.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 07 Feb 2020 21:05
Operator : CG/JU
Sample : L1399-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6T1

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:04 AM

Quant Time: Feb 07 23:01:10 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	7.40	152	281884	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1117390	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	740388	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1641327	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1668928	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1720122	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	25988	4.43	ng/uL	0.00
5) Phenol-d5	6.60	99	447612	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	270897	25.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	408681	24.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	374393	23.69	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	207630	25.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	244848	25.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	447138	23.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	554744	30.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1488637	26.64	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1675063	25.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	201984	22.24	ng/ul	0.00
58) Fluorene-d10	15.06	176	1255355	25.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	225221	21.05	ng/ul	0.00
71) Anthracene-d10	16.91	188	1883336	25.14	ng/ul	0.00
79) Pyrene-d10	19.22	212	2171975	26.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2268123	26.25	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.86	178	284665	3.181	ng/ul	98
77) Fluoranthene	18.89	202	559617	5.094	ng/ul	99
80) Pyrene	19.25	202	520665	4.713	ng/ul	100
83) Benzo(a)anthracene	21.01	228	287518	2.558	ng/ul	99
85) Chrysene	21.06	228	297319	2.686	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	429185	3.924	ng/ul#	99
89) Benzo(k)fluoranthene	22.55	252	115350m >	1.096	ng/ul >	JU 02/12/20
91) Benzo(a)pyrene	23.04	252	257304	2.624	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	191553	1.569	ng/ul	96
94) Benzo(g,h,i)perylene	25.80	276	180720	1.780	ng/ul	99

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