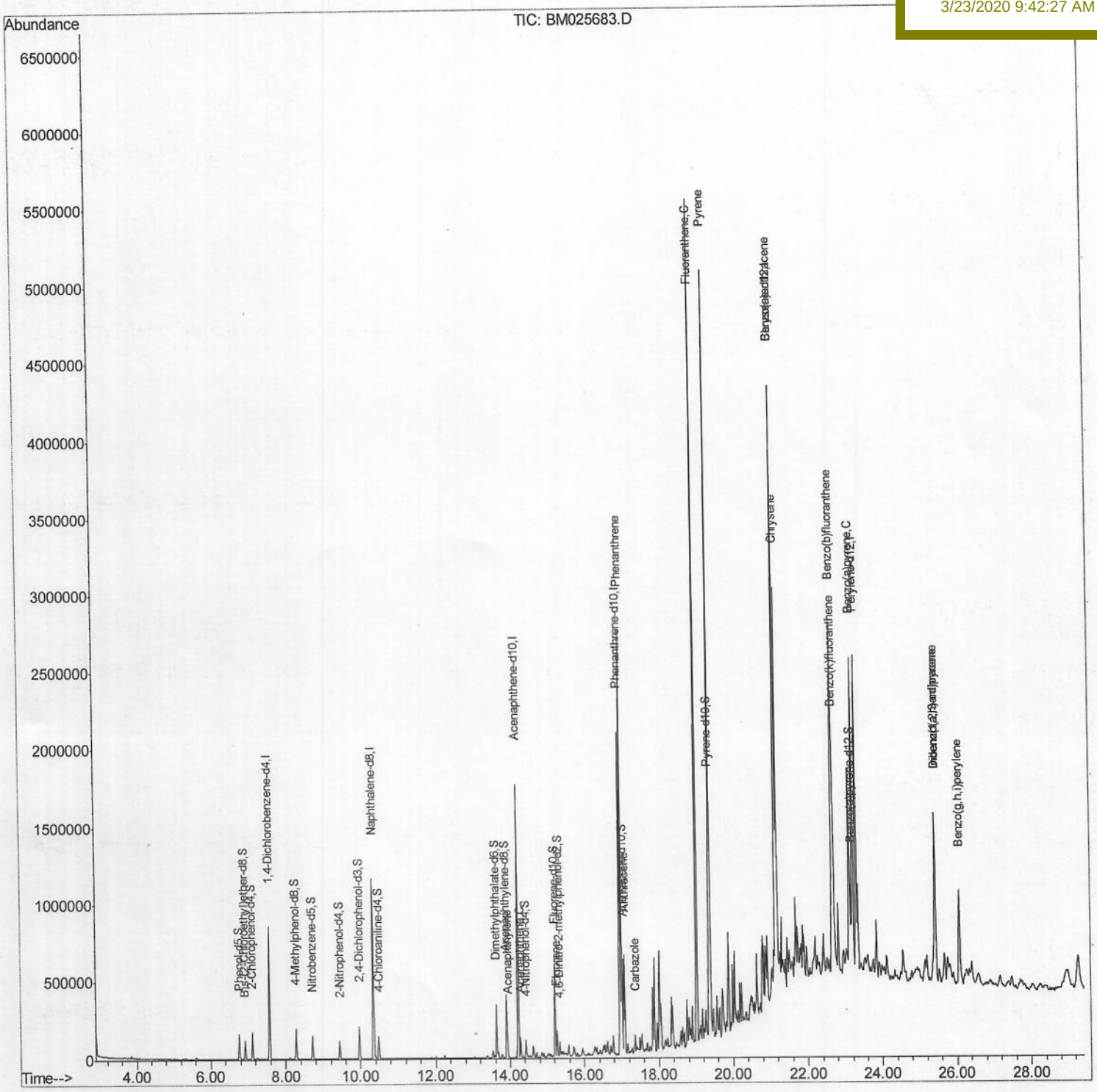
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 22 07:21:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0AH1DL

Manual Integrations APPROVED
mohammad
3/23/2020 9:42:27 AM



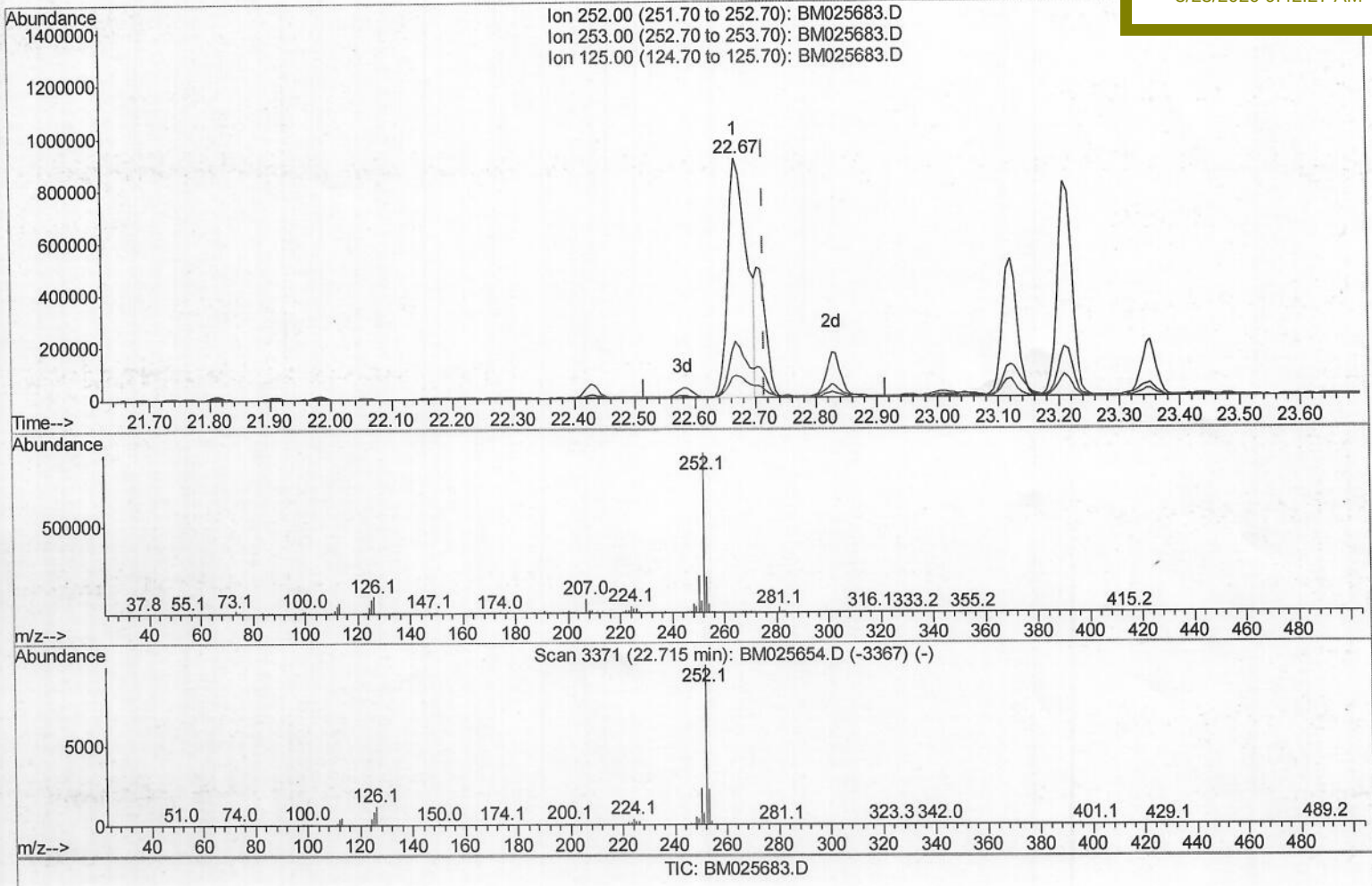
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 22 07:19:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0AH1DL

Manual Integrations APPROVED
mohammad
3/23/2020 9:42:27 AM



TIC: BM025683.D

(89) Benzo(k)fluoranthene

22.668min (-0.047) 23.15ng/ul

response 1982094

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.98
125.00	8.60	9.20
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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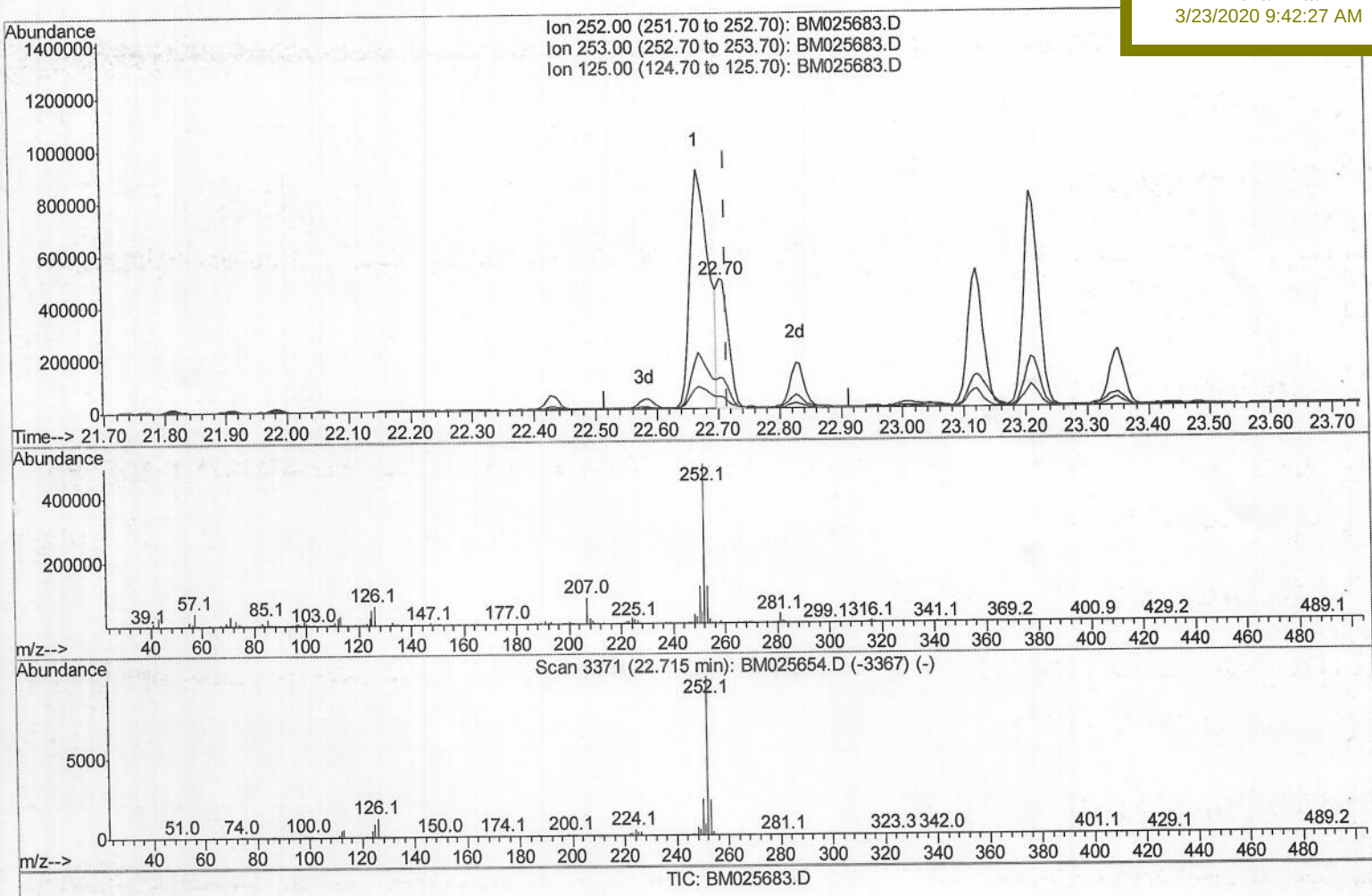
B0AH1DL

Manual Integrations APPROVED
mohammad
3/23/2020 9:42:27 AM



TIC: BM025683.D

(89) Benzo(k)fluoranthene

22.703min (-0.012) 6.82ng/ul m

response 583781

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.65
125.00	8.60	9.43
0.00	0.00	0.00

JU
03/24/2020

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 22 07:21:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : B0AH1DL

Manual Integrations APPROVED
mohammad
3/23/2020 9:42:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	231370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	959522	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	593648	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1218161	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1228176	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1392793	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	4212	0.76	ng/uL	0.01
5) Phenol-d5	6.76	99	91519	5.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	53530	5.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	77107	5.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	72978	4.86	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	36739	5.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	37791	4.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	79048	5.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	83576	4.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	235516	5.22	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	286036	5.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	28849	3.36	ng/ul	0.00
58) Fluorene-d10	15.21	176	207884	5.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	18523	2.49	ng/ul	0.00
71) Anthracene-d10	17.06	188	312298	5.49	ng/ul	0.00
79) Pyrene-d10	19.36	212	331073	5.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	394736	5.54	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.93	152	95697	1.635	ng/ul	98
50) Acenaphthene	14.27	153	53682	1.349	ng/ul	96
59) Fluorene	15.27	166	69314	1.460	ng/ul	99
70) Phenanthrene	17.00	178	1605047	22.385	ng/ul	99
72) Anthracene	17.09	178	379148	5.188	ng/ul	100
75) Carbazole	17.36	167	66447	1.040	ng/ul	98
77) Fluoranthene	19.03	202	3317932	39.257	ng/ul	99
80) Pyrene	19.39	202	2869916	34.793	ng/ul	98
83) Benzo(a)anthracene	21.14	228	1423138	17.575	ng/ul	97
85) Chrysene	21.19	228	1361553	17.138	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	1982094	22.808	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	583781m	6.819	ng/ul	
91) Benzo(a)pyrene	23.21	252	1373111	17.363	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.43	276	990419	9.483	ng/ul	96
93) Dibenzo(a,h)anthracene	25.43	278	243010	2.748	ng/ul#	82
94) Benzo(g,h,i)perylene	26.08	276	719766	8.362	ng/ul	98

JU 03/24/2020

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