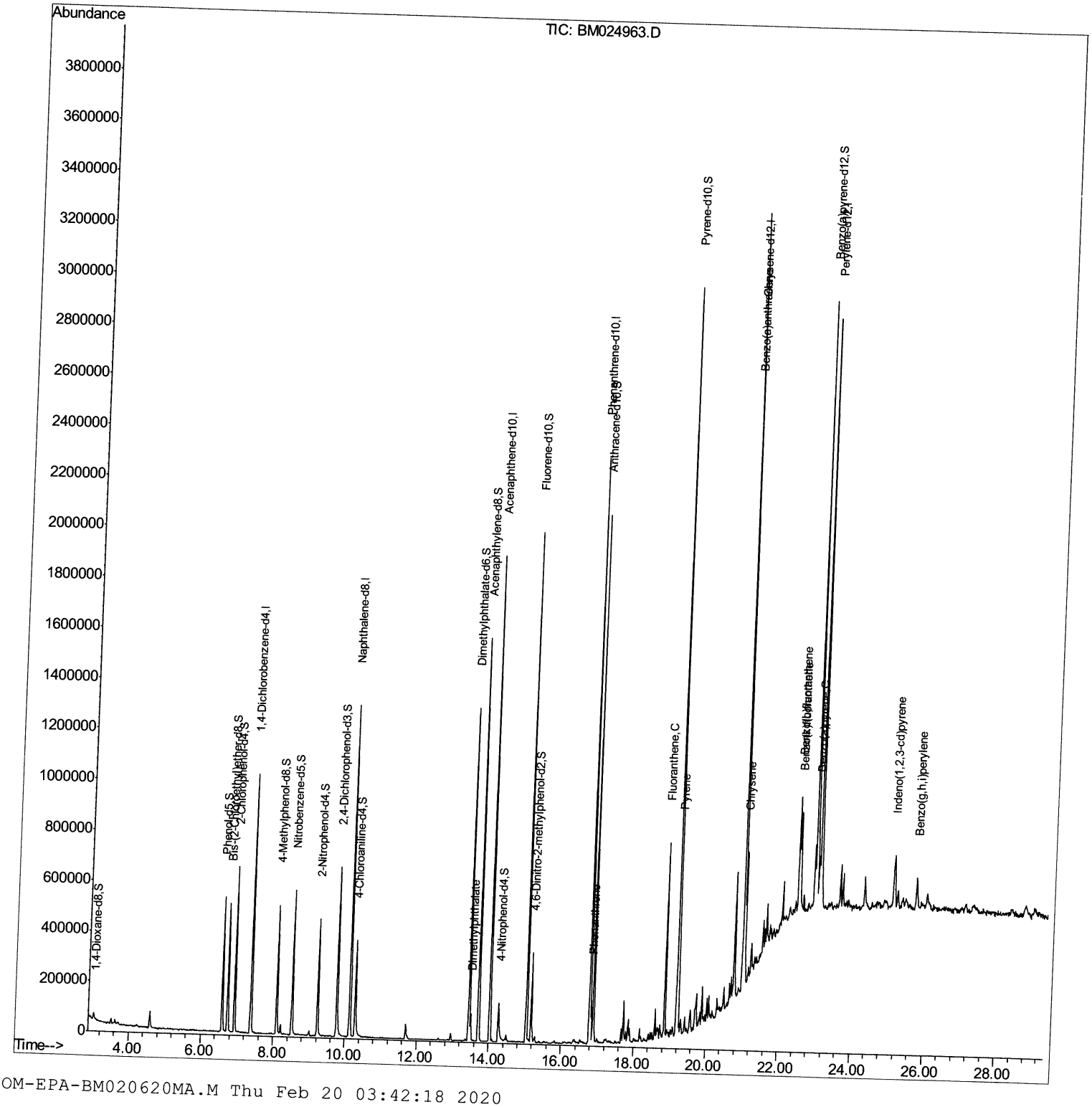
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024963.D
Acq On : 20 Feb 2020 02:41
Operator : CG/JU
Sample : L1423-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 20 03:42:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5AZ0

Manual Integrations APPROVED
mohammad
2/20/2020 3:13:17 PM



Quantitation Report (Qedit)

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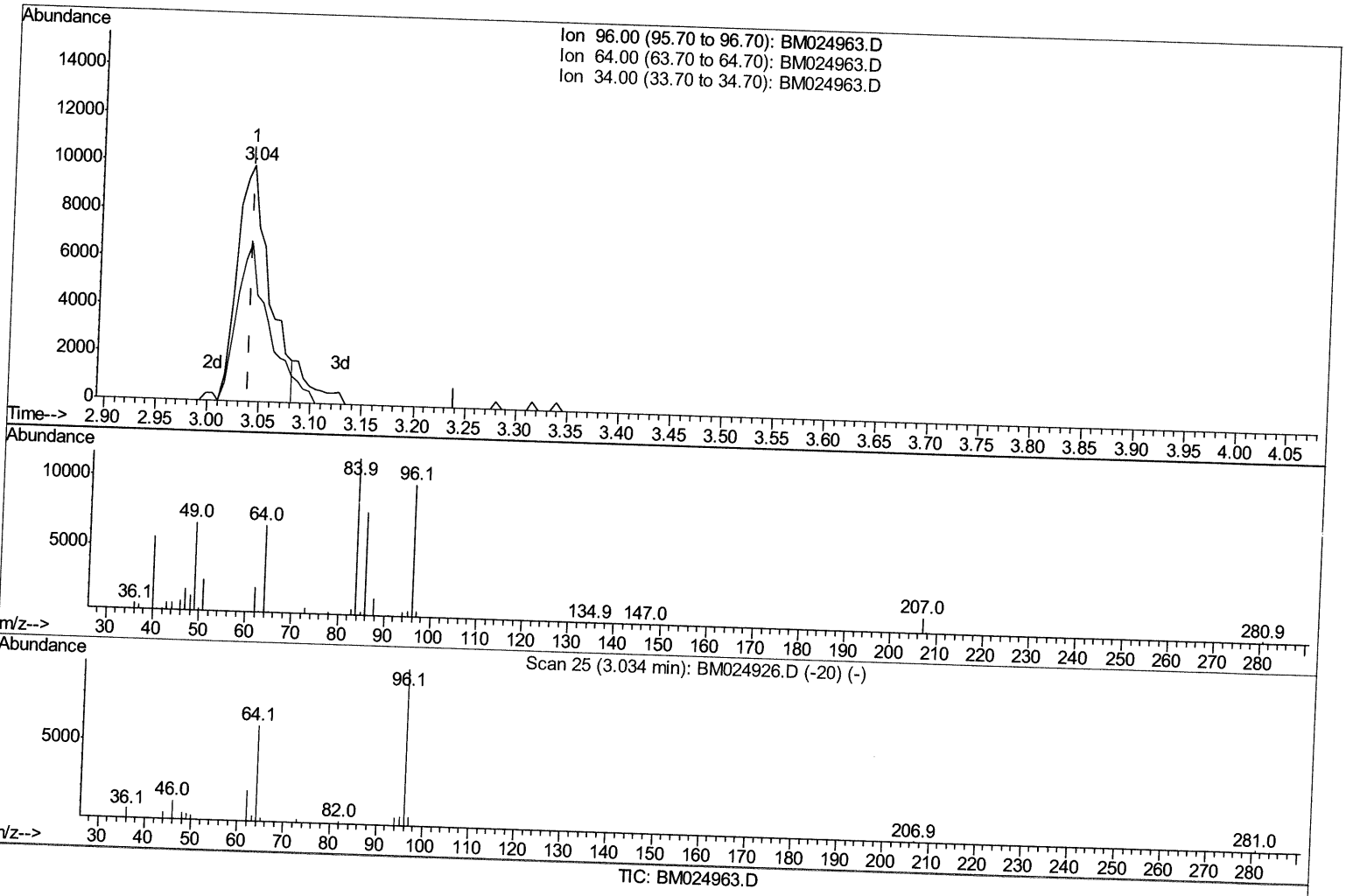

TIC: BM024963.D

(3) 1,4-Dioxane-d8 (S)

3.040min (+0.000) 3.35ng/uL

response 21711

Ion	Exp%	Act%
96.00	100	100
64.00	67.10	66.98
34.00	0.00	0.00
0.00	0.00	0.00

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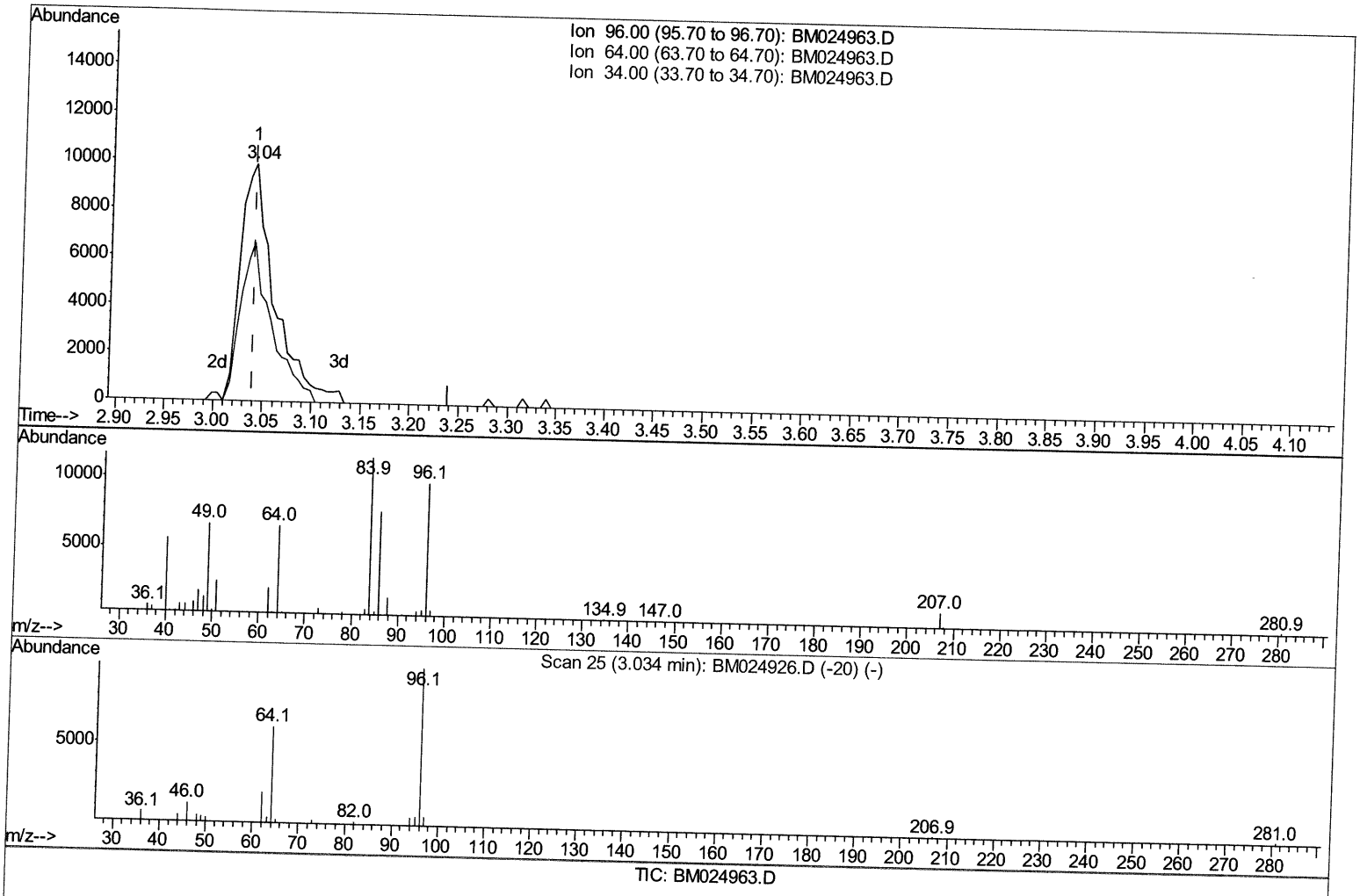
mohammad
2/20/2020 3:13:17 PM



TIC: BM024963.D

(3) 1,4-Dioxane-d8 (S)

3.040min (+0.000) 3.72ng/uL m JU 02/21/20

response 24070

Ion	Exp%	Act%
96.00	100	100
64.00	67.10	66.98
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : L1423-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
2/20/2020 3:13:17 PM

Quant Time: Feb 20 03:42:05 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	311565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	1114023	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	662991	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1375193	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1432606	20.00	ng/ul	-0.01
86) Perylene-d12	23.09	264	1612232	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	24070m	> 3.72	ng/uL	> 0.00 JU 02/21/20
5) Phenol-d5	6.59	99	347489	16.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	237545	20.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	318599	17.18	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	208514	11.94	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	149040	18.50	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	165667	17.40	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	293052	15.26	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.28	131	269476	15.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	944723	18.88	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1130818	19.35	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.27	143	67430	8.29	ng/ul	0.00
58) Fluorene-d10	15.03	176	809526	18.27	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.17	200	101000	11.27	ng/ul	0.00
71) Anthracene-d10	16.89	188	1188911	18.94	ng/ul	-0.01
79) Pyrene-d10	19.19	212	1429914	19.95	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.96	264	1651159	20.39	ng/ul	-0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.50	163	72601	1.391	ng/ul	99
70) Phenanthrene	16.83	178	102367	1.365	ng/ul	99
77) Fluoranthene	18.86	202	454793	4.941	ng/ul	98
80) Pyrene	19.22	202	420251	4.432	ng/ul#	93
83) Benzo(a)anthracene	20.99	228	284950	2.953	ng/ul	99
85) Chrysene	21.04	228	316563	3.332	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	394252	3.846	ng/ul#	97
89) Benzo(k)fluoranthene	22.52	252	136209	1.380	ng/ul#	95
91) Benzo(a)pyrene	23.00	252	242055	2.634	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.13	276	161671	1.413	ng/ul	98
94) Benzo(g,h,i)perylene	25.74	276	134214	1.410	ng/ul	97

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