Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

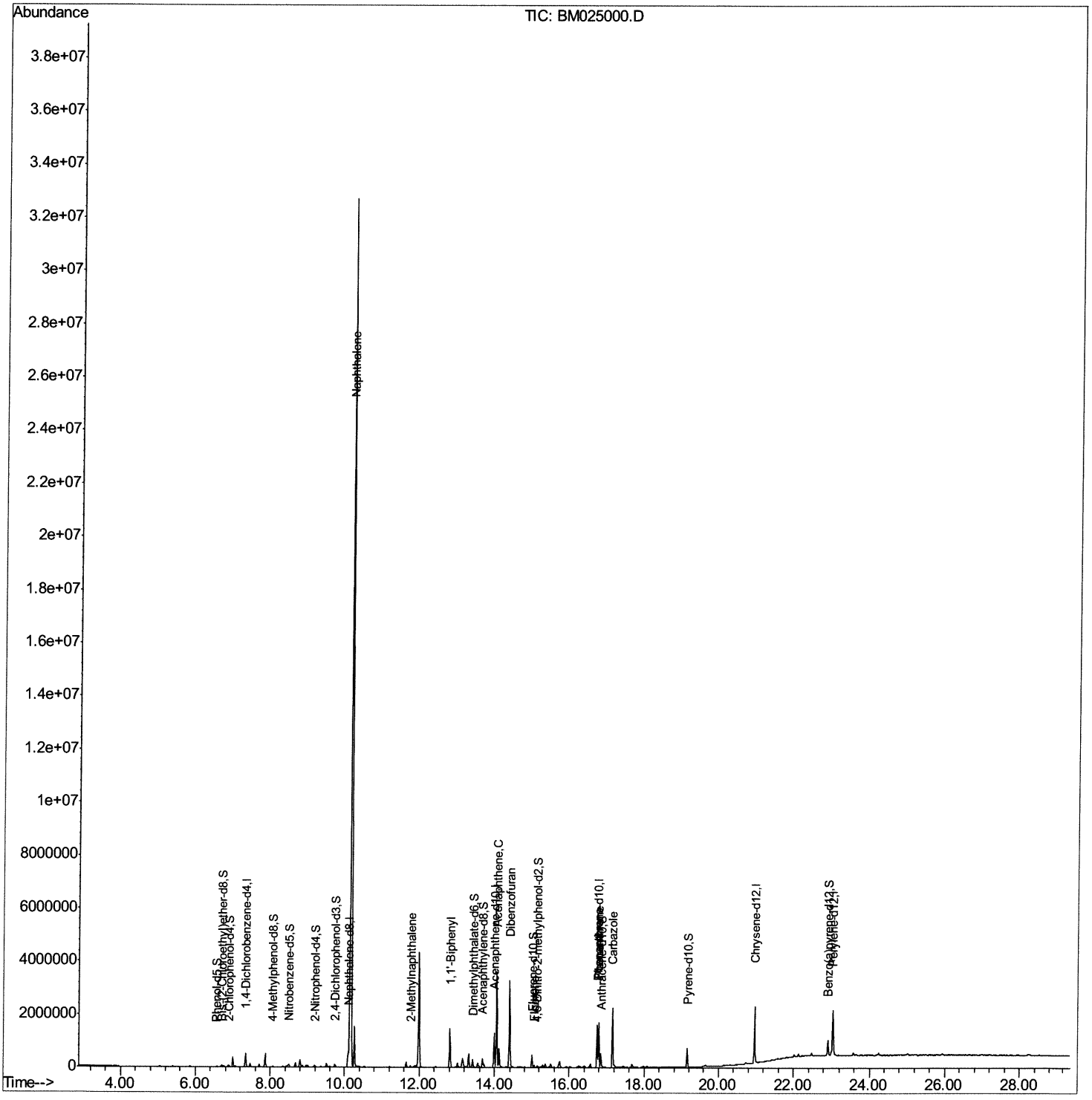
Quantitation Report (QT Reviewed)

Data File : BM025000.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 22 02:47:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBCX4DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:03 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

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Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1486-22DL 5X
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Quant Time: Feb 22 01:19:40 2020
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Manual Integrations APPROVED
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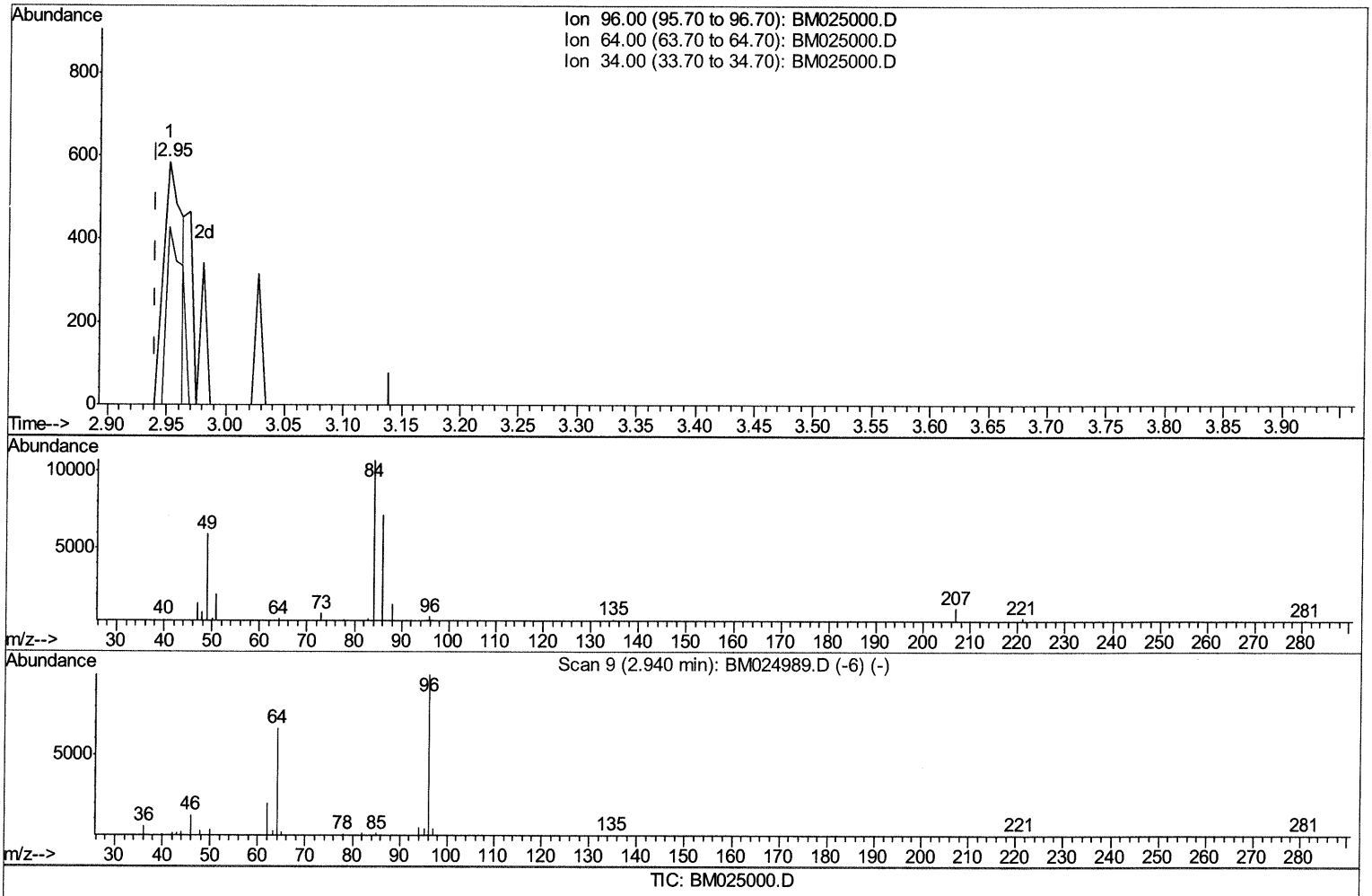

TIC: BM025000.D

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

2.952min (+0.012) 0.20ng/uL

response 646

Ion	Exp%	Act%
96.00	100	100
64.00	67.10	73.29
34.00	0.00	0.00
0.00	0.00	0.00

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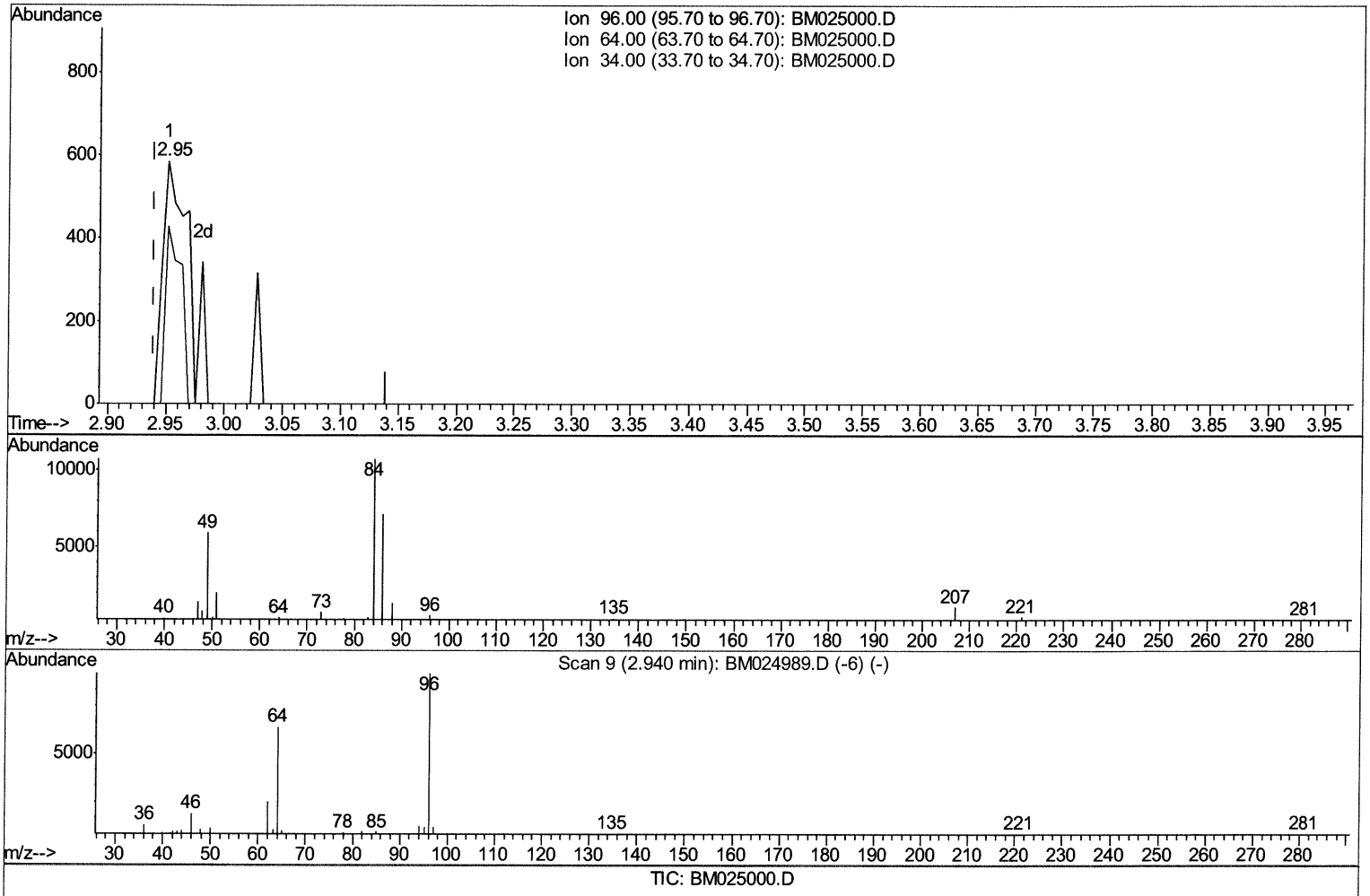
Manual Integrations APPROVED
mohammad
2/24/2020 3:31:03 PM



TIC: BM025000.D

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

2.952min (+0.012) 0.25ng/uL m JU 02/25/20

response 810

Ion	Exp%	Act%
96.00	100	100
64.00	67.10	73.29
34.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Misc :
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BNA_M
ClientSampleId :
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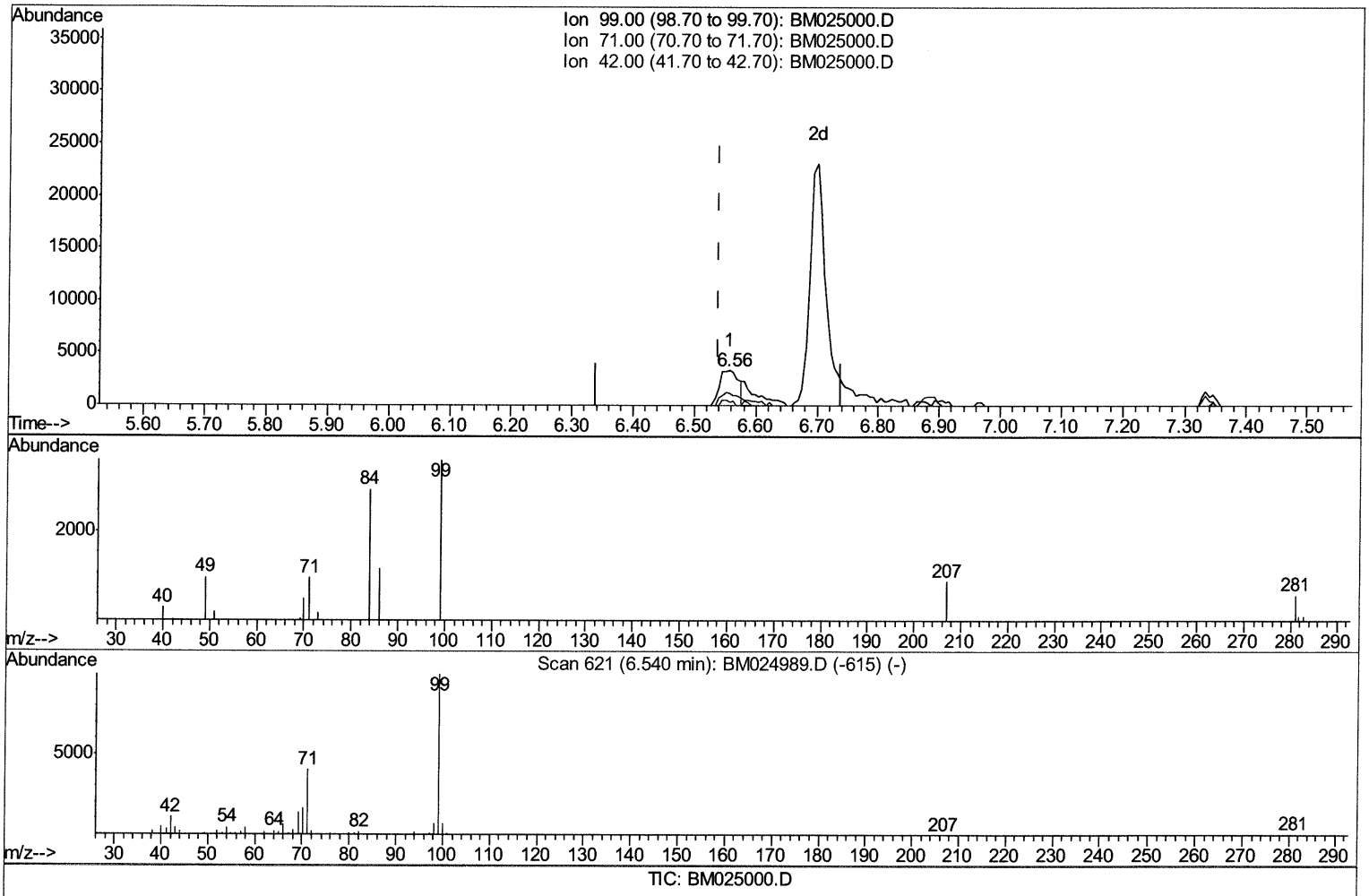
Manual Integrations APPROVED
mohammad
2/24/2020 3:31:03 PM



TIC: BM025000.D

(5) Phenol-d5 (S)

6.557min (+0.018) 0.70ng/ul

response 7189

Ion	Exp%	Act%
99.00	100	100
71.00	36.40	33.33
42.00	14.20	9.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
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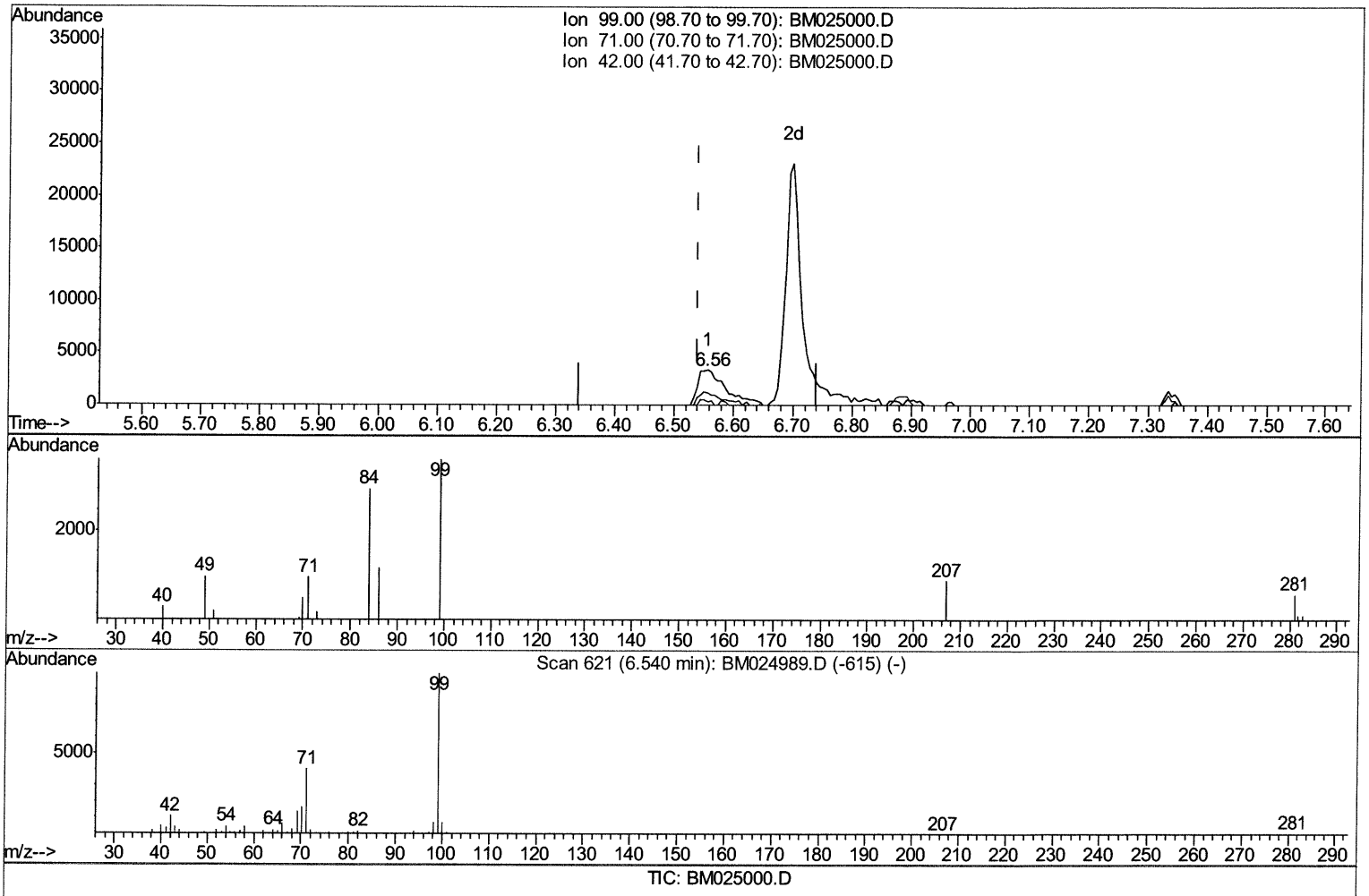
Manual Integrations APPROVED
mohammad
2/24/2020 3:31:03 PM



TIC: BM025000.D

(5) Phenol-d5 (S)

6.557min (+0.018) 1.08ng/ul m JU 02/25/20

response 11047

Ion	Exp%	Act%
99.00	100	100
71.00	36.40	33.33
42.00	14.20	9.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

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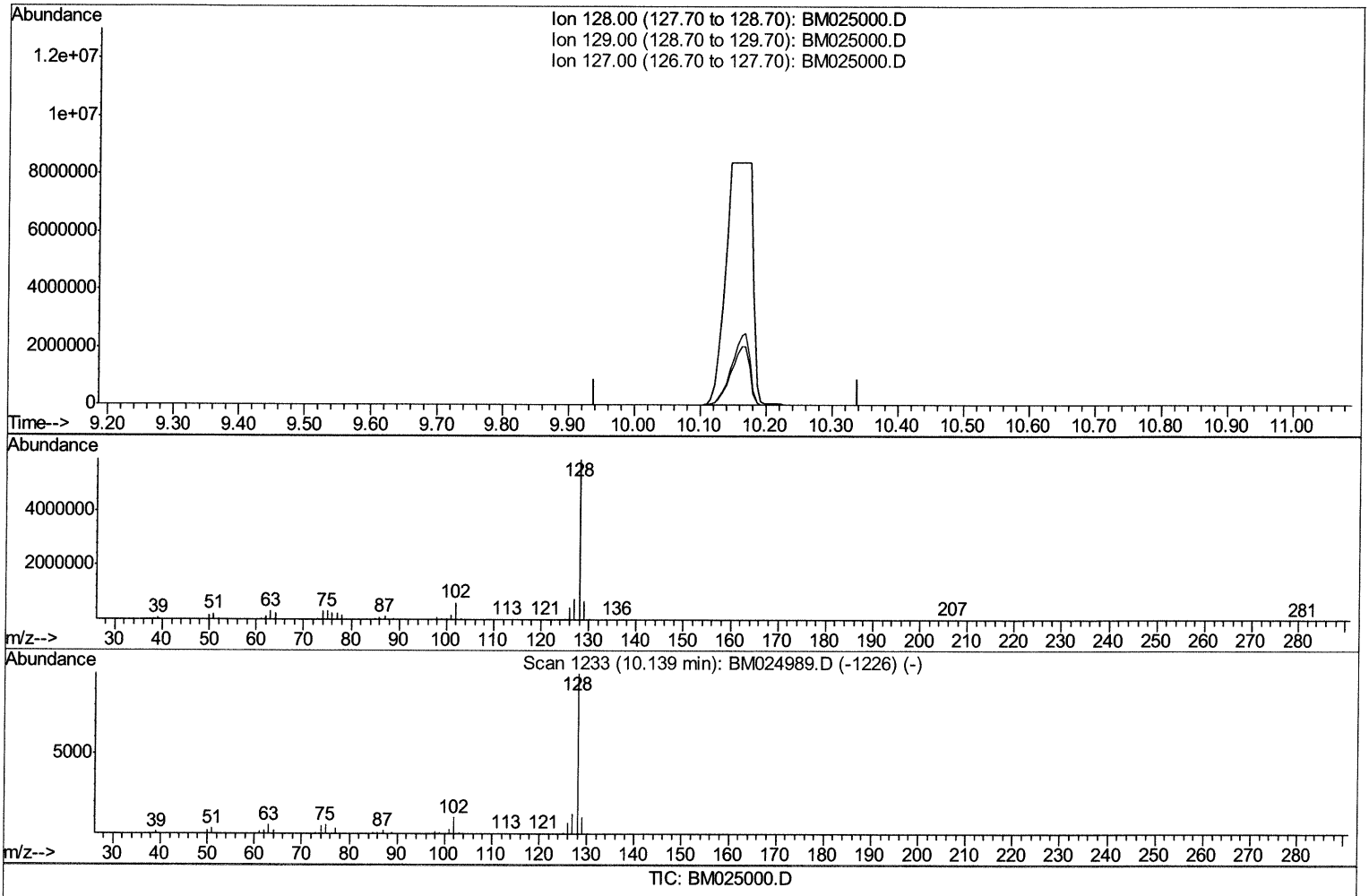
ClientSampleId :
DBCX4DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:03 PM



TIC: BM025000.D

(28) Naphthalene

10.139min (-10.139) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.40	0.00#
127.00	13.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

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ALS Vial : 13 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
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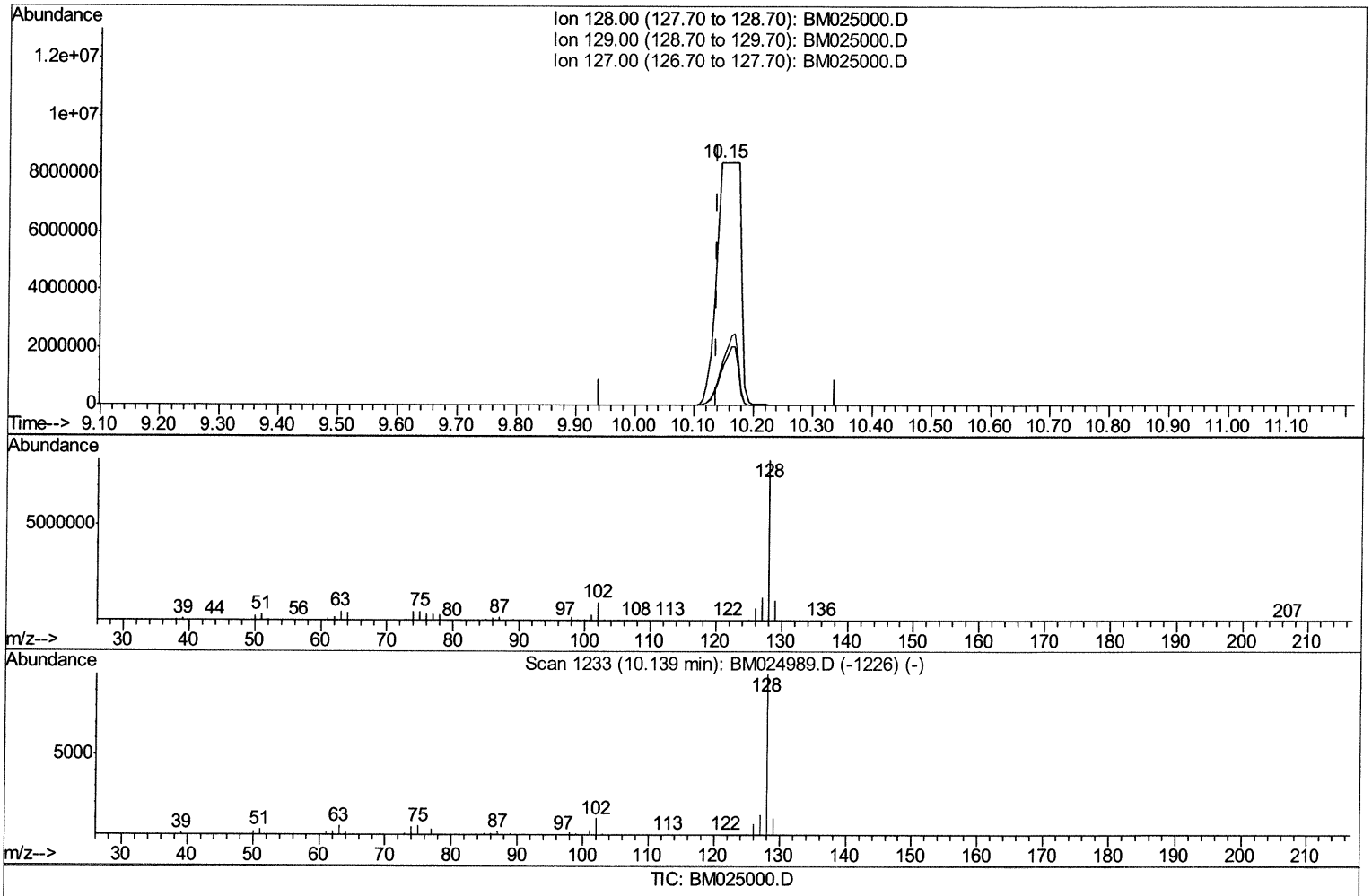

TIC: BM025000.D

(28) Naphthalene

10.145min (+0.006) 721.92ng/ul m JU 02/25/20

response 23651633

Ion	Exp%	Act%
128.00	100	100
129.00	11.40	12.68
127.00	13.00	14.40
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

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ClientSampleId : DBCX4DL

Manual Integrations APPROVED
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2/24/2020 3:31:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	154637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	641214	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	421959	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	946310	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1040558	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1234429	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	810m	0.25	ng/uL	0.01
5) Phenol-d5	6.56	99	11047m	1.08	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.70	67	35953	6.20	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	37283	4.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.07	113	20985	2.42	ng/ul	0.01
19) Nitrobenzene-d5	8.48	128	25480	5.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	24750	4.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	44791	4.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	3757	0.36	ng/ul	0.02
44) Dimethylphthalate-d6	13.42	166	213656	6.71	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	243502	6.55	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.00	176	192854	6.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	17122	2.78	ng/ul	0.00
71) Anthracene-d10	16.85	188	309459	7.16	ng/ul	0.00
79) Pyrene-d10	19.16	212	374239	7.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	434594	7.01	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.15	128	23651633m	721.919	ng/ul	
34) 2-Methylnaphthalene	11.77	142	28278	1.172	ng/ul	93
41) 1,1'-Biphenyl	12.82	154	815214	26.171	ng/ul#	99
50) Acenaphthene	14.06	153	1459643	56.097	ng/ul	98
54) Dibenzofuran	14.40	168	2215433	57.118	ng/ul	99
59) Fluorene	15.06	166	39528	1.237	ng/ul#	87
70) Phenanthrene	16.79	178	1005625	19.490	ng/ul	99
75) Carbazole	17.16	167	1572031	36.060	ng/ul	99

JU 02/25/20

JU 02/25/20

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