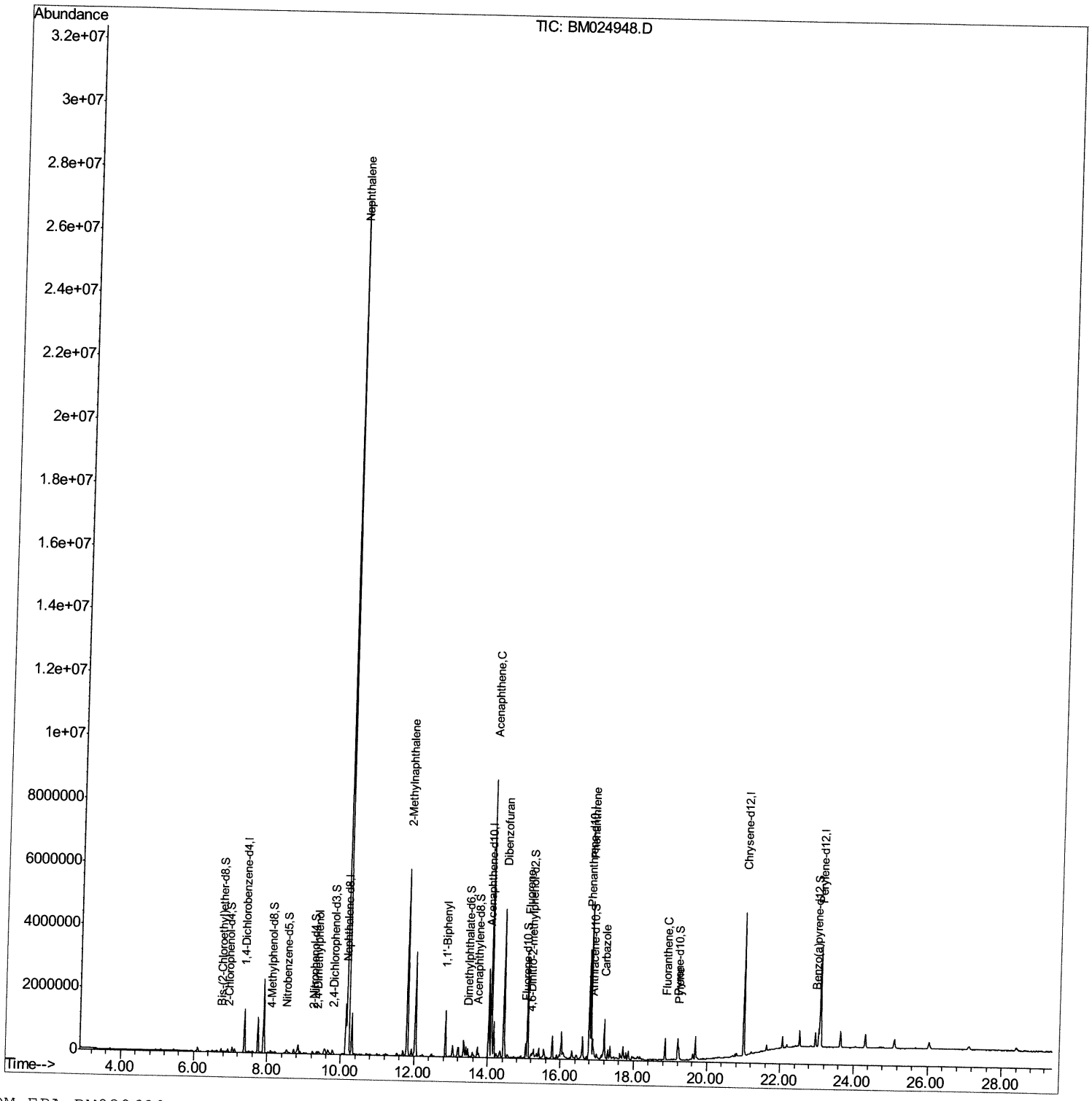
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024948.D
Acq On : 19 Feb 2020 17:40
Operator : CG/JU
Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 19 23:53:17 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 :
DBCW6DL

Manual Integrations APPROVED
mohammad
2/20/2020 3:12:37 PM



Quantitation Report (Qedit)

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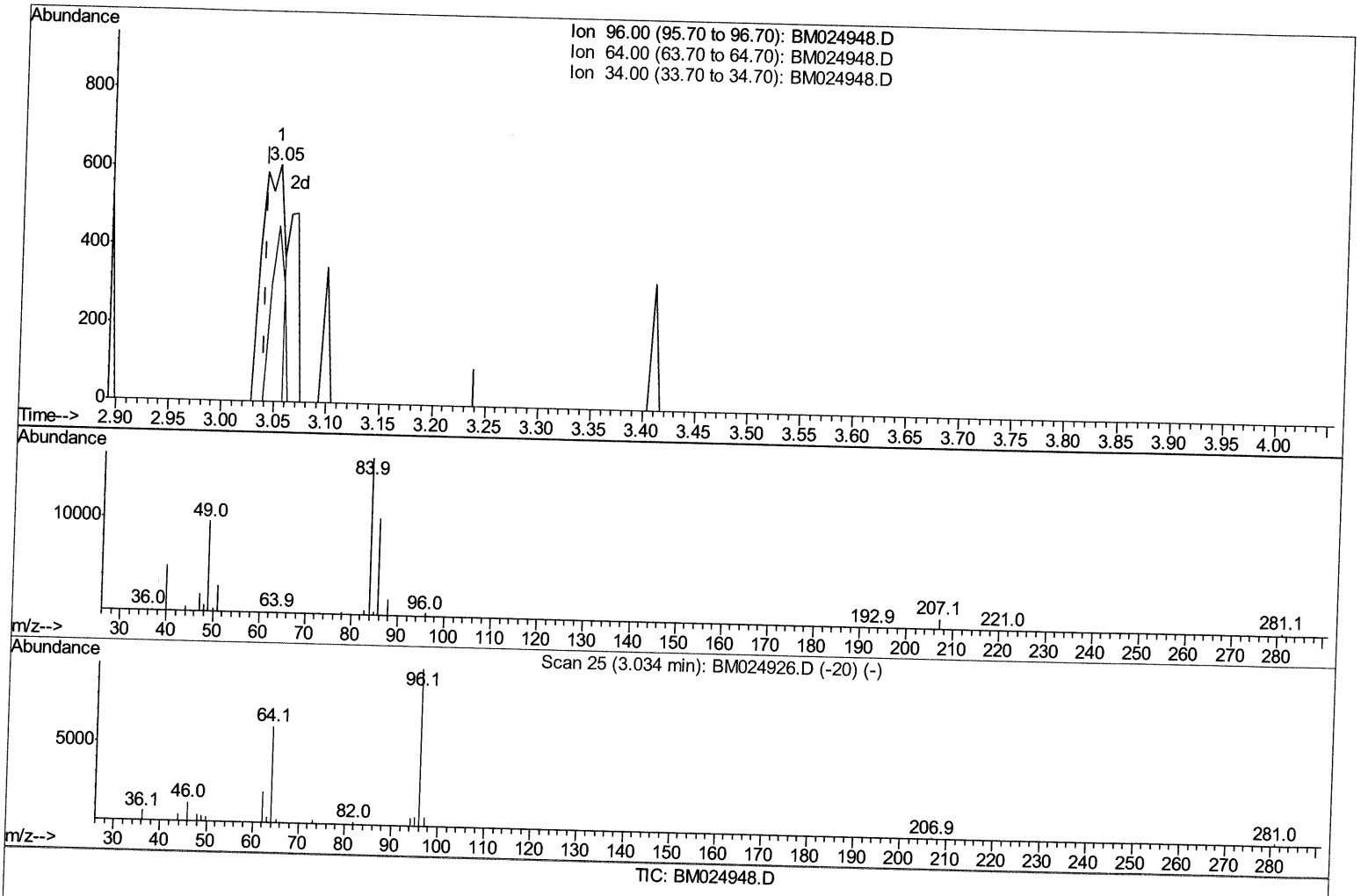

TIC: BM024948.D

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

3.052min (+0.012) 0.10ng/uL

response 879

Ion	Exp%	Act%
96.00	100	100
64.00	67.10	74.30
34.00	0.00	0.00
0.00	0.00	0.00

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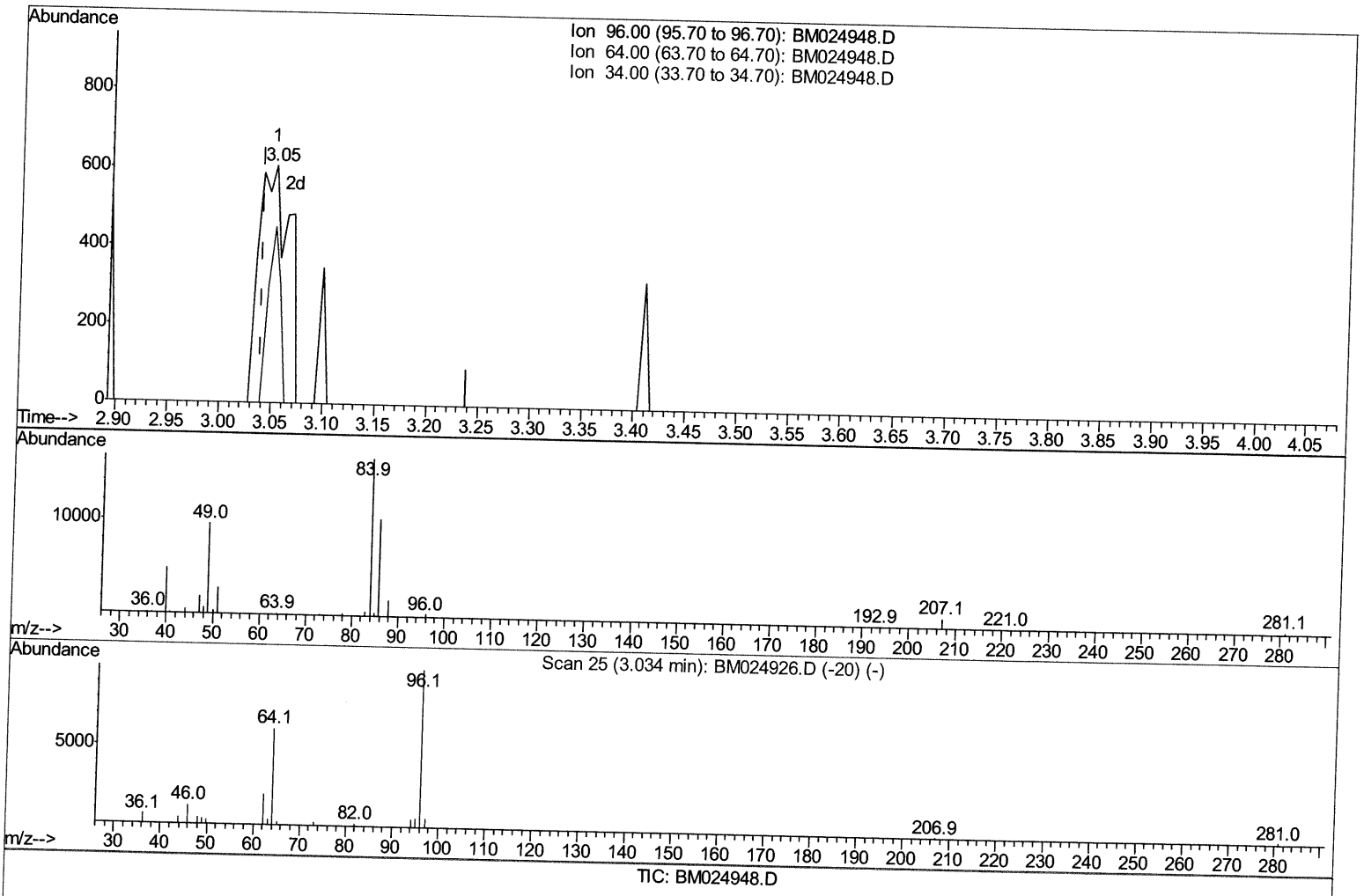

TIC: BM024948.D

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

3.052min (+0.012) 0.14ng/uL m JU 02/21/20

response 1219

Ion	Exp%	Act%
96.00	100	100
64.00	67.10	74.30
34.00	0.00	0.00
0.00	0.00	0.00

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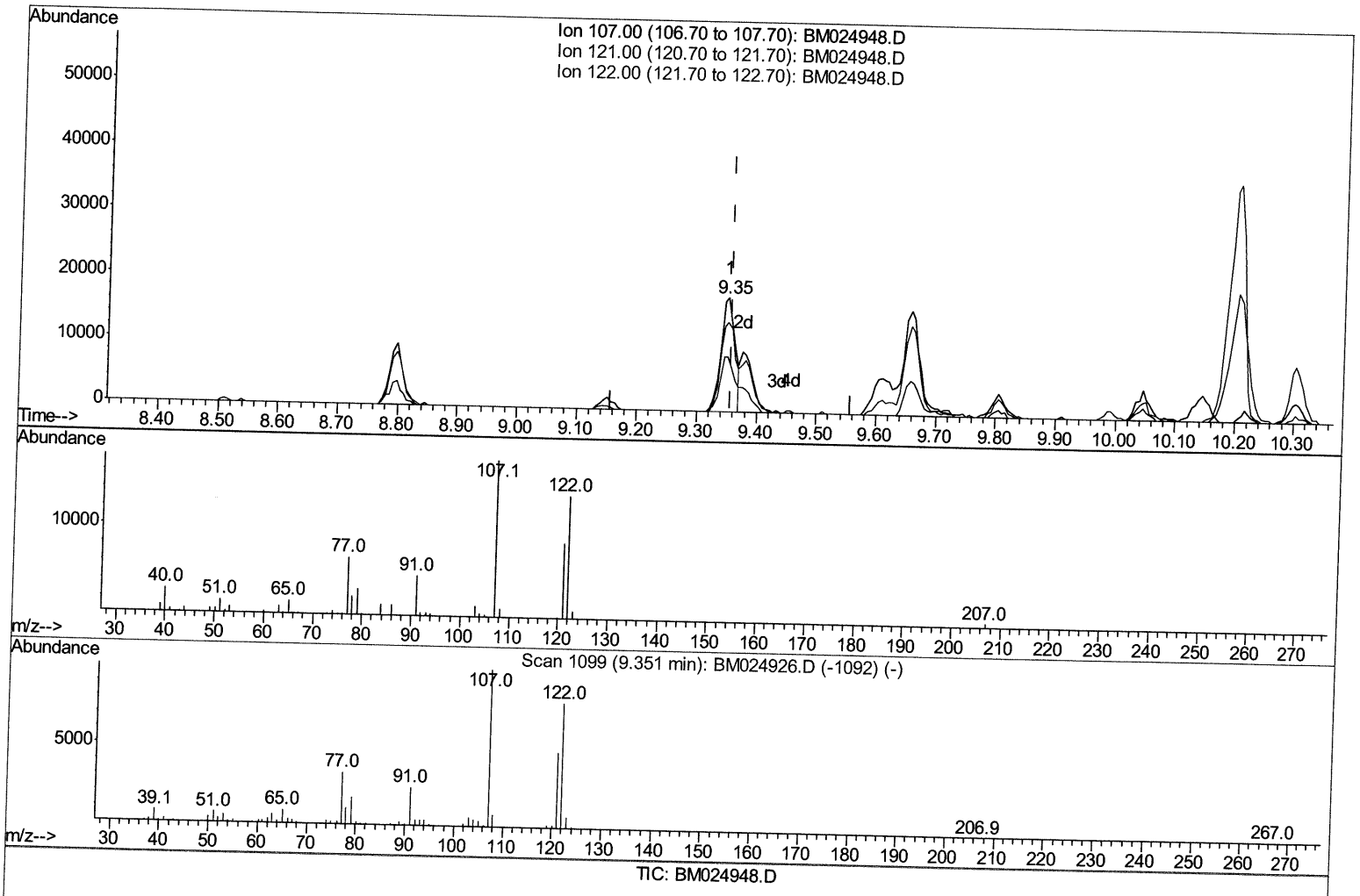
Manual Integrations APPROVED
mohammad
2/20/2020 3:12:37 PM



TIC: BM024948.D

(24) 2,4-Dimethylphenol

9.351min (-0.006) 1.12ng/ul

response 29083

Ion	Exp%	Act%
107.00	100	100
121.00	52.40	48.64
122.00	87.80	78.76
0.00	0.00	0.00

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BNA_M
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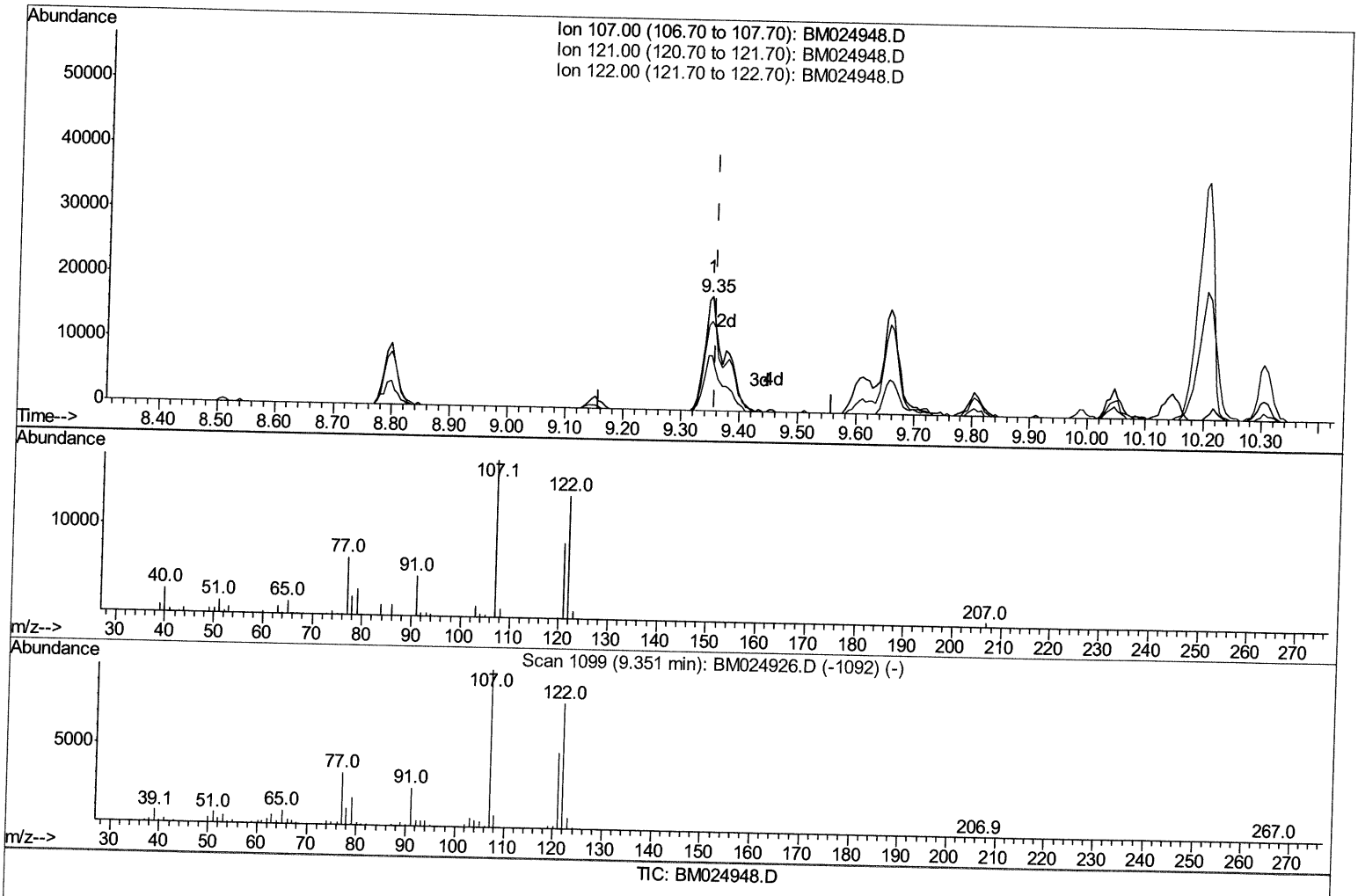
Manual Integrations APPROVED
mohammad
2/20/2020 3:12:37 PM



(24) 2,4-Dimethylphenol

9.351min (-0.006) 1.62ng/ul m Ju 02/21/20

response 42260

Ion	Exp%	Act%
107.00	100	100
121.00	52.40	48.64
122.00	87.80	78.76
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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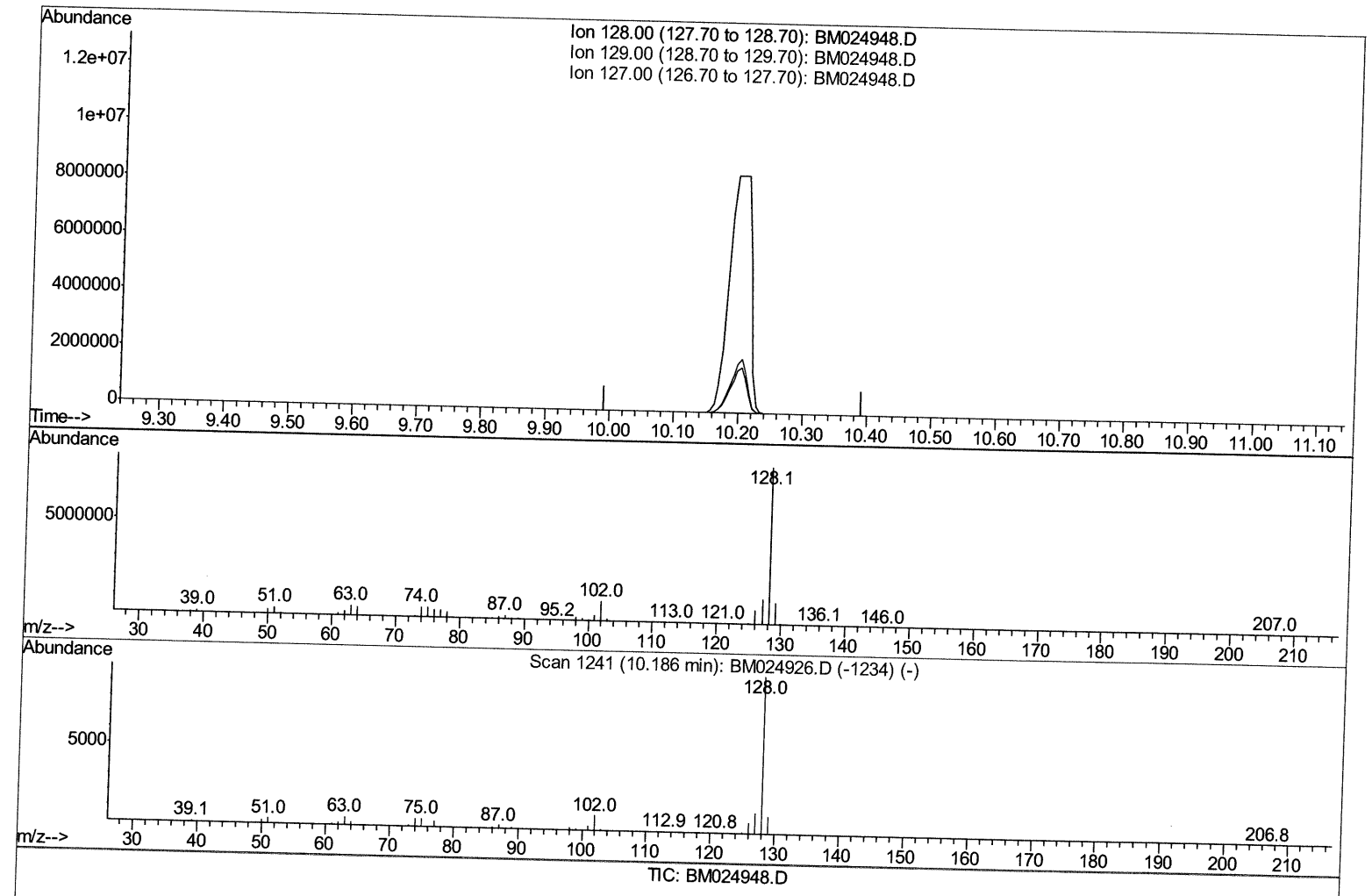
Manual Integrations APPROVED
mohammad
2/20/2020 3:12:37 PM



(28) Naphthalene

10.192min (-10.192) 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

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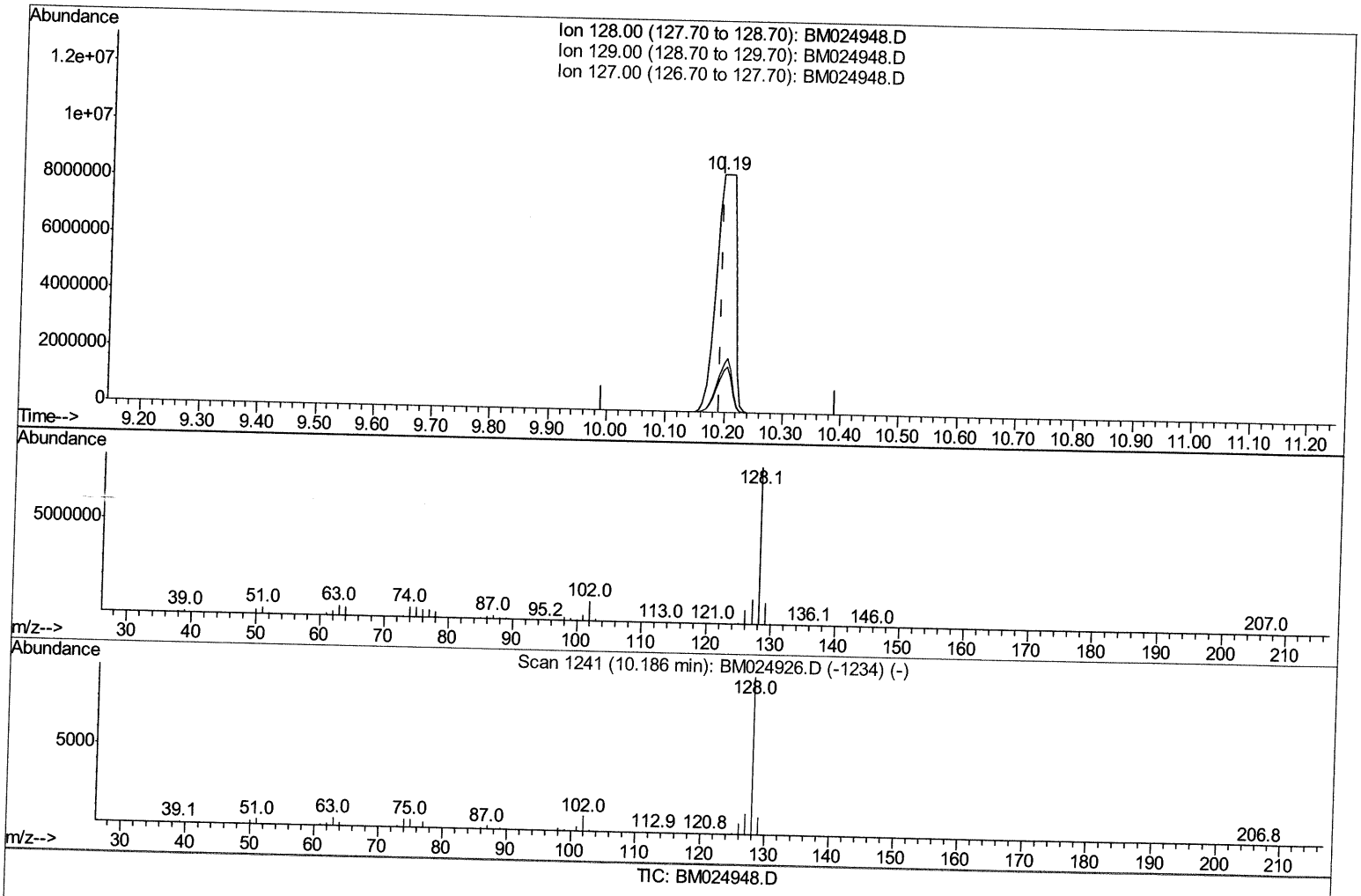
BNA_M
ClientSampleId :
DBCW6DL

Manual Integrations APPROVED
mohammad
2/20/2020 3:12:37 PM



(28) Naphthalene

10.192min (0.000) 252.88ng/ul m JU 02/21/20

response 19600009

Ion	Exp%	Act%
128.00	100	100
129.00	11.40	13.86#
127.00	13.00	16.09#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	409981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1516964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	929859	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	2051023	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	2198916	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	2281735	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	1219m	0.14	ng/uL	0.01
5) Phenol-d5	6.59	99	14930	0.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	44766	2.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	48462	1.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	26860	1.17	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	30119	2.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	28965	2.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	55403	2.12	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	191425	2.73	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	229940	2.81	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.04	176	175462	2.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	16773	1.25	ng/ul	0.00
71) Anthracene-d10	16.89	188	270517	2.89	ng/ul	-0.01
79) Pyrene-d10	19.20	212	306107	2.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	321488	2.81	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.35	107	42260m	1.621	ng/ul	
28) Naphthalene	10.19	128	19600009m	252.878	ng/ul	
34) 2-Methylnaphthalene	11.82	142	2894851	50.703	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	786271	11.454	ng/ul#	97
50) Acenaphthene	14.10	153	3519636	61.382	ng/ul	98
54) Dibenzofuran	14.44	168	2959529	34.625	ng/ul	100
59) Fluorene	15.09	166	1380356	19.595	ng/ul	98
70) Phenanthrene	16.83	178	2918059	26.093	ng/ul	99
75) Carbazole	17.20	167	785246	8.311	ng/ul	99
77) Fluoranthene	18.86	202	402152	2.929	ng/ul#	95
80) Pyrene	19.22	202	255220	1.753	ng/ul#	93

JU 02/21/20

JU 02/21/20

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