Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\

Quantitation Report (LSC Reviewed)

Data File : BM022332.D
Acq On : 26 Aug 2019 15:55
Operator : HP/JU
Sample : K4373-19DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

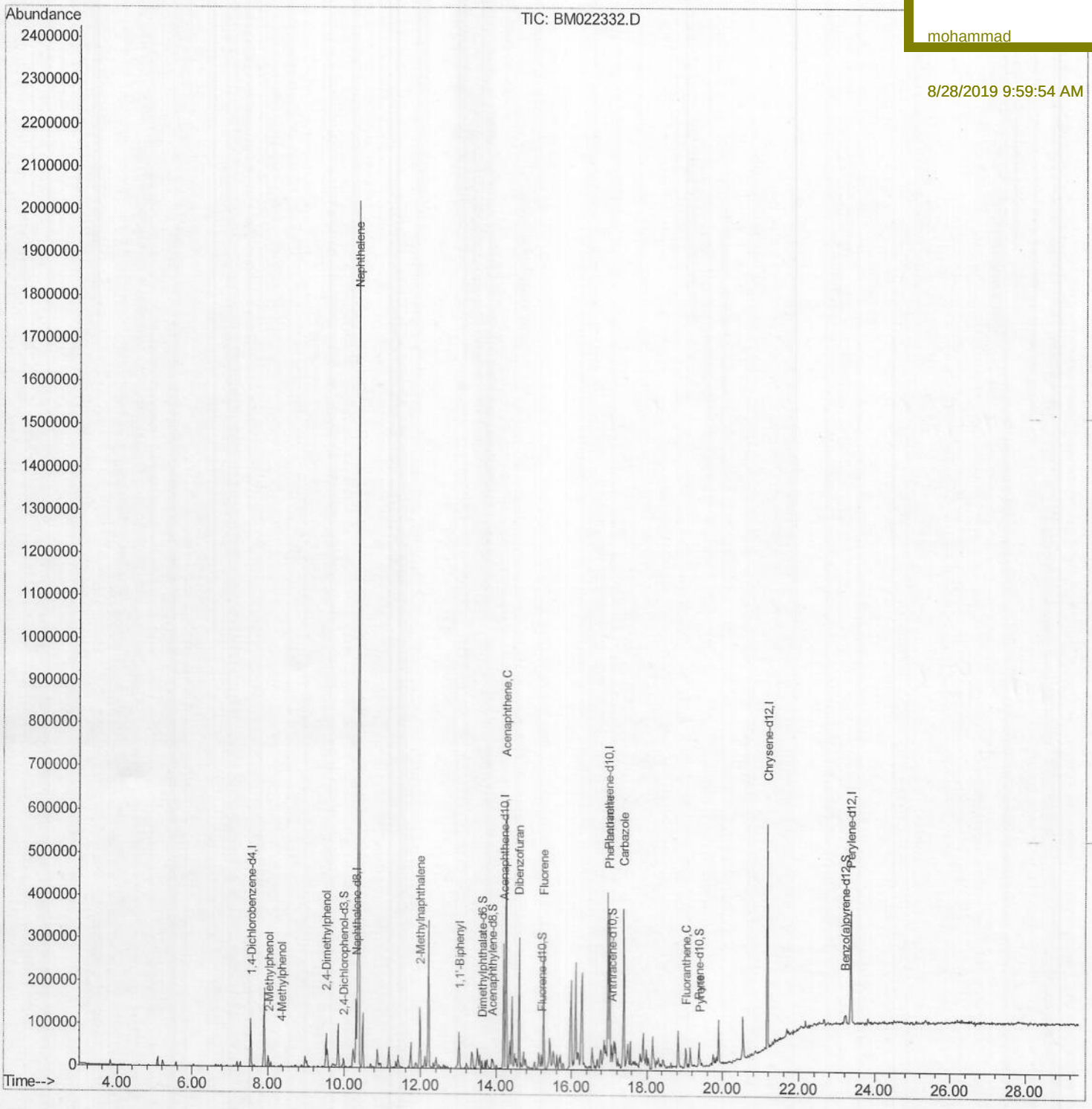
Quant Time: Aug 29 04:50:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AF8DL

Manual Integrations APPROVED

mohammad

8/28/2019 9:59:54 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022332.D
Acq On : 26 Aug 2019 15:55
Operator : HP/JU
Sample : K4373-19DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 27 11:00:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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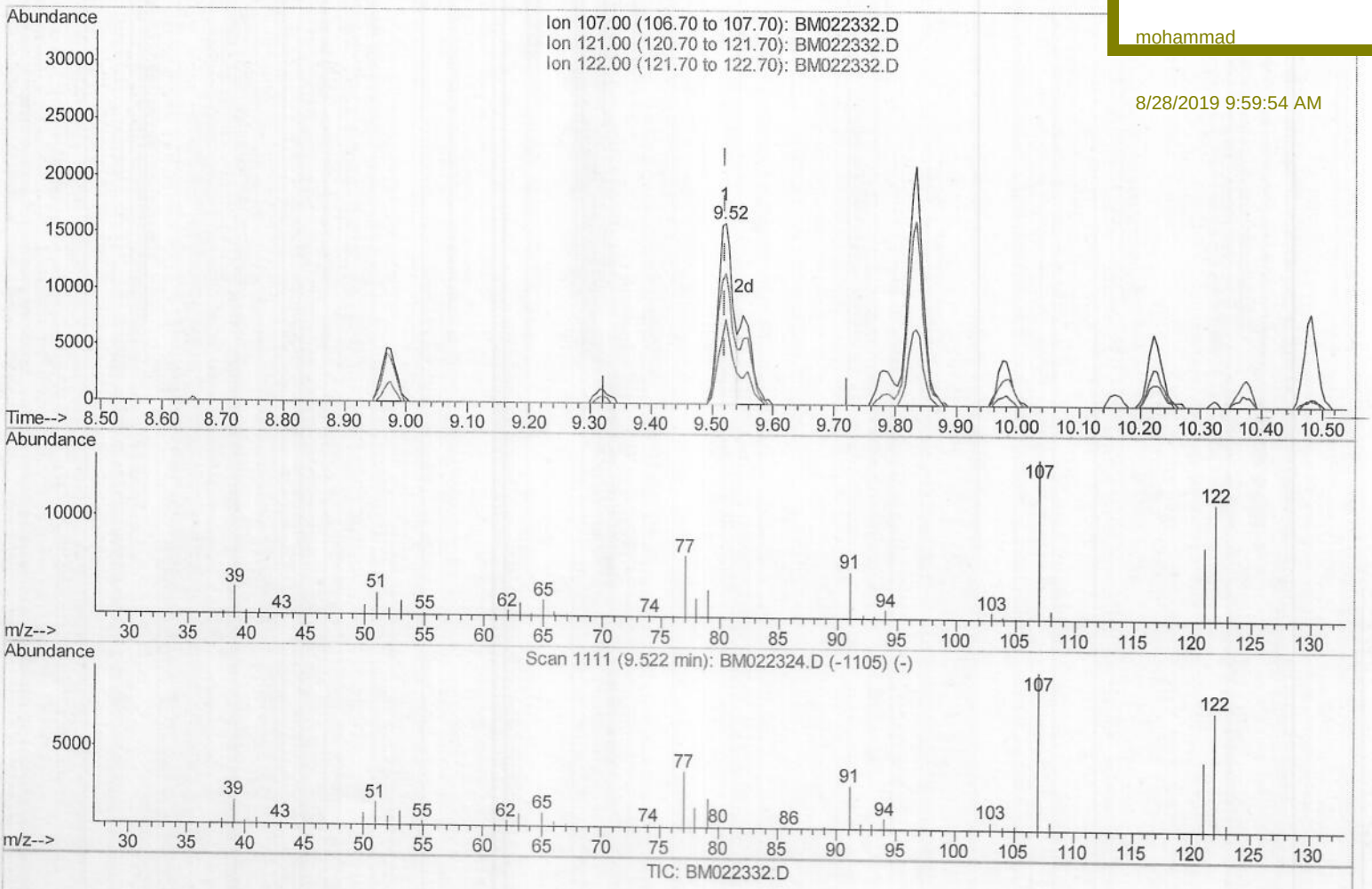
Manual Integrations APPROVED

mohammad

8/28/2019 9:59:54 AM



TIC: BM022332.D

(24) 2,4-Dimethylphenol

9.522min (-0.000) 10.24ng/ul

response 26685

Ion	Exp%	Act%
107.00	100	100
121.00	42.00	46.86
122.00	72.50	72.90
0.00	0.00	0.00

Quantitation Report (Qedit)

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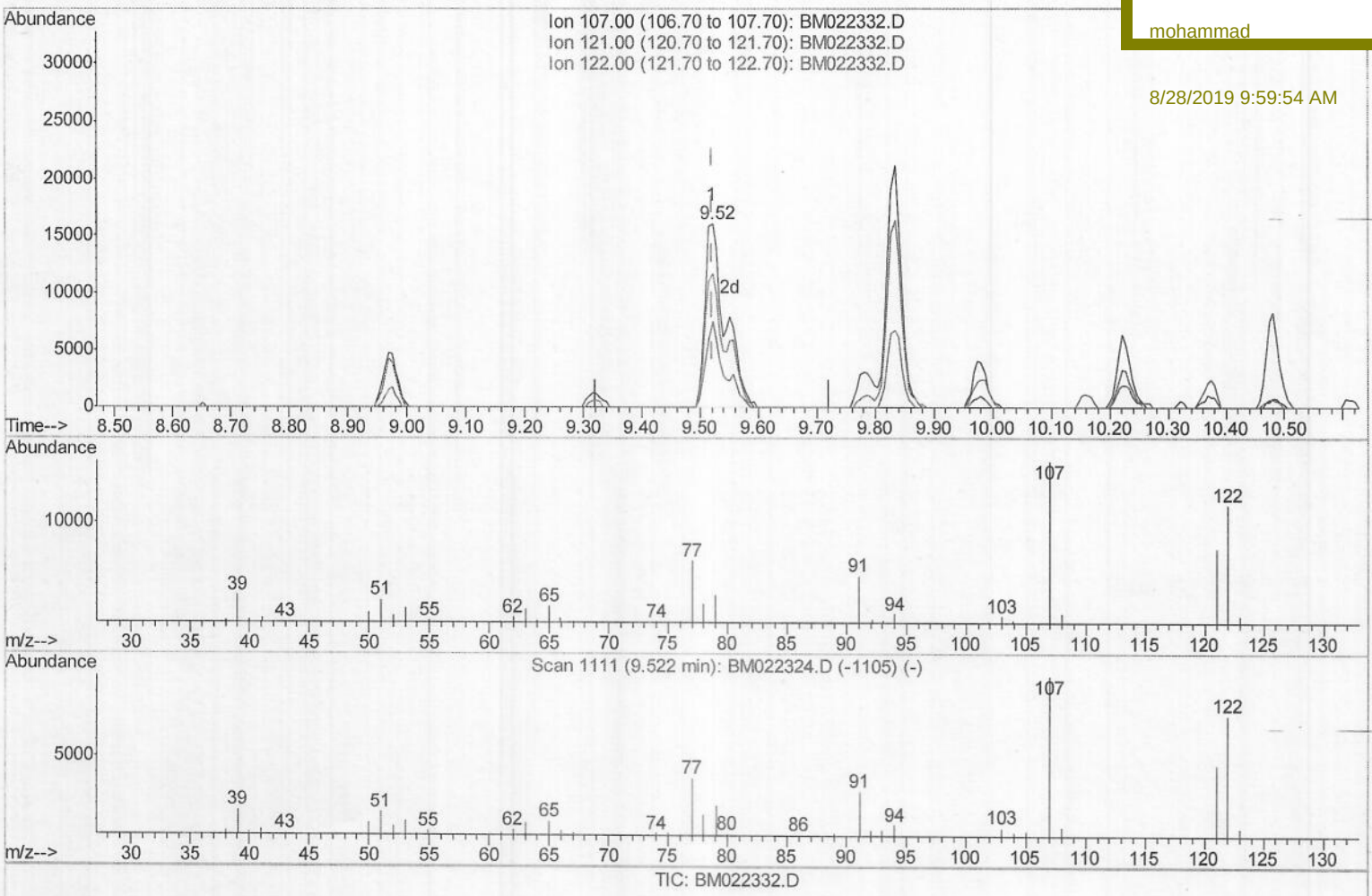
Manual Integrations APPROVED

mohammad

8/28/2019 9:59:54 AM



TIC: BM022332.D

(24) 2,4-Dimethylphenol

9.522min (-0.000) 14.74ng/ul m JU 08/28/19

response 38423

Ion	Exp%	Act%
107.00	100	100
121.00	42.00	46.86
122.00	72.50	72.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022332.D
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BNA_M
ClientSampleId :
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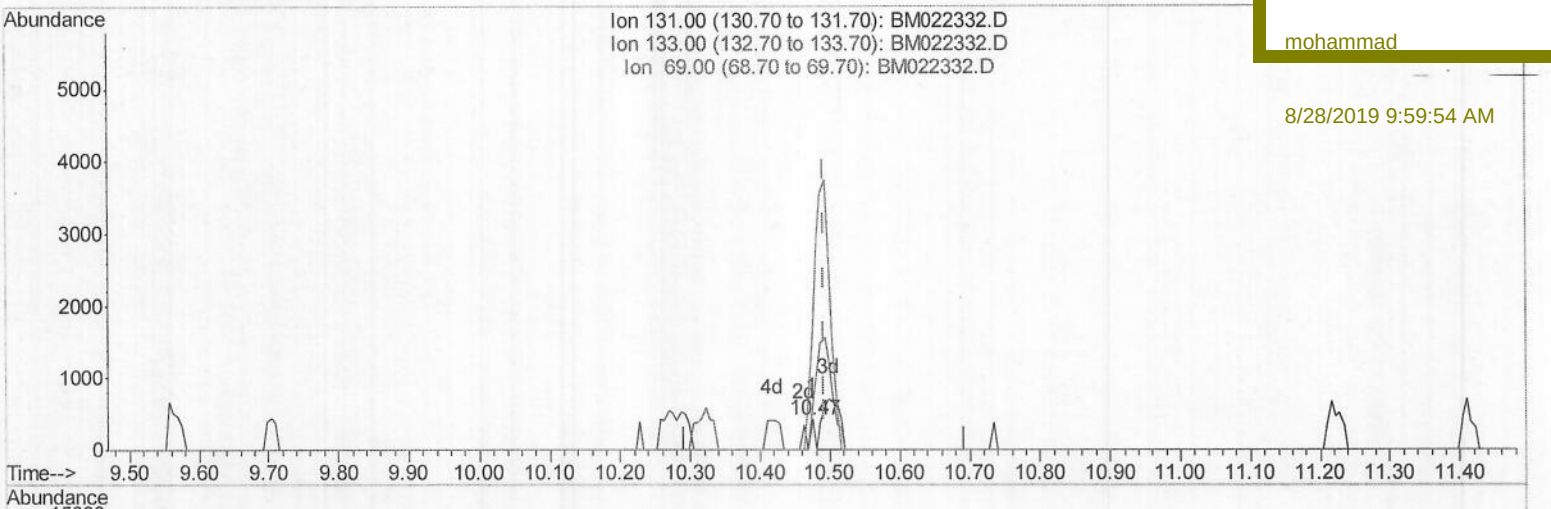
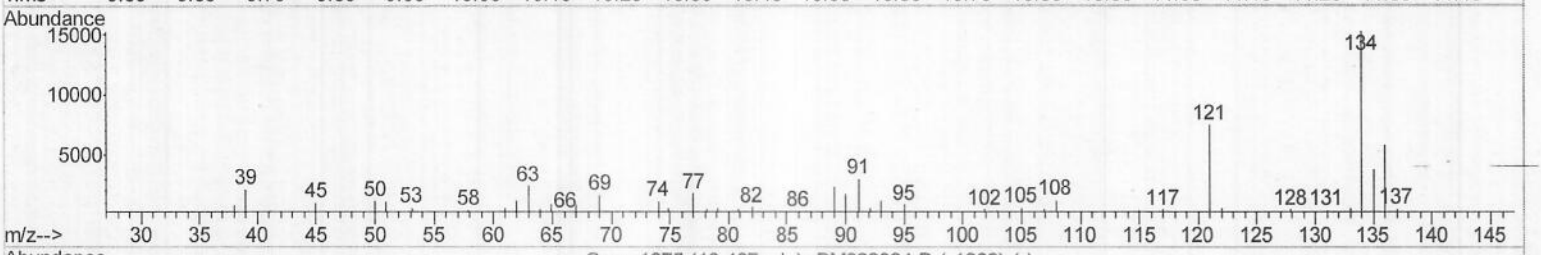
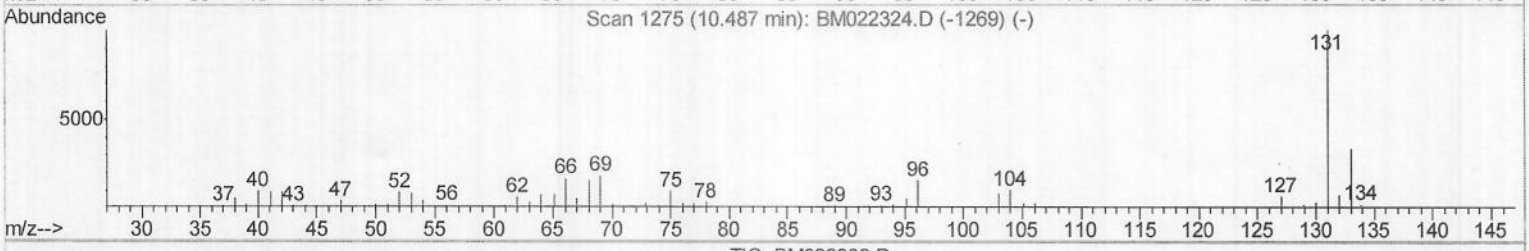
Manual Integrations APPROVED

mohammad

8/28/2019 9:59:54 AM







TIC: BM022332.D

(29) 4-Chloroaniline-d4 (S)

10.475min (-0.018) 0.06ng/ul

response 148

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	151.79#
69.00	20.00	397.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022332.D
Acq On : 26 Aug 2019 15:55
Operator : HP/JU
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Misc :
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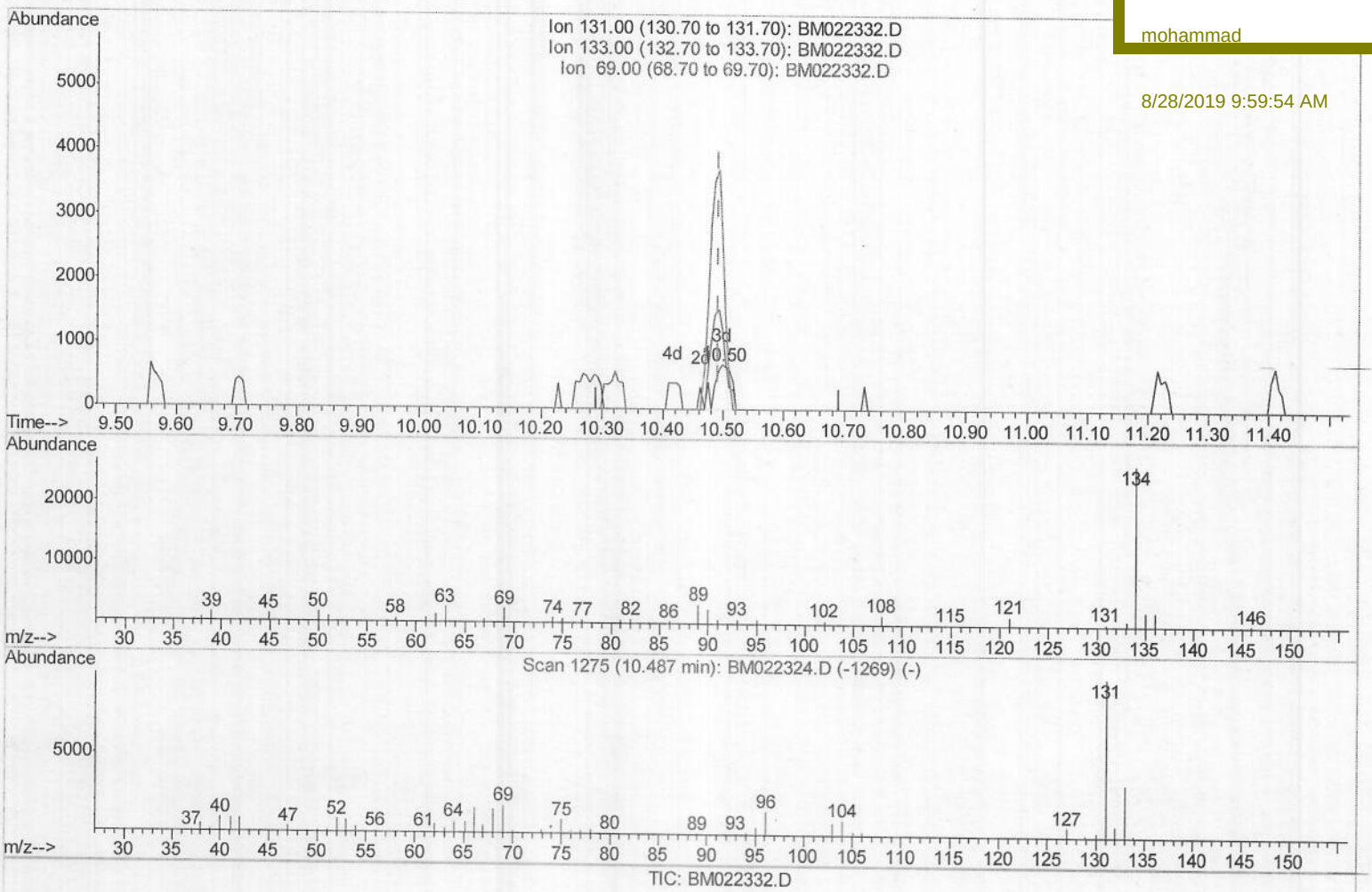
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AF8DL

Manual Integrations APPROVED

mohammad

8/28/2019 9:59:54 AM



TIC: BM022332.D

(29) 4-Chloroaniline-d4 (S)

10.498min (+0.006) 0.54ng/ul m) JU 08/28/19

response 1348

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	179.22#
69.00	20.00	376.77#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\

Quantitation Report (LSC Reviewed)

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ClientSampleId : C0AF8DL

Manual Integrations APPROVED

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8/28/2019 9:59:54 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	25713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	116596	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	87787	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	216021	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	200480	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	181799	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	1218	0.94	ng/ul	0.01
9) 2-Chlorophenol-d4	7.09	132	1545	0.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	1092	0.57	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	804	0.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	913	0.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	2666	1.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1348m	0.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	11612	1.50	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	12280	1.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	1046	0.91	ng/ul	-0.05
57) Fluorene-d10	15.20	176	11730	1.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	841	0.50	ng/ul	0.01
70) Anthracene-d10	17.07	188	19044	1.66	ng/ul	0.00
78) Pyrene-d10	19.37	212	22024	2.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	16395	1.64	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.01	108	7840	4.190	ng/ul	98
16) 4-Methylphenol	8.35	108	2357	1.146	ng/ul	92
24) 2,4-Dimethylphenol	9.52	107	38423m	14.742	ng/ul	
28) Naphthalene	10.37	128	1330337	206.751	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	56479	11.392	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	35548	4.976	ng/ul	95
49) Acenaphthene	14.27	153	220252	35.928	ng/ul	99
53) Dibenzofuran	14.61	168	164261	17.990	ng/ul	99
58) Fluorene	15.26	166	115329	14.996	ng/ul	99
69) Phenanthrene	17.01	178	183417	14.193	ng/ul	99
74) Carbazole	17.39	167	169110	13.922	ng/ul	99
76) Fluoranthene	19.04	202	24605	1.263	ng/ul#	96
79) Pyrene	19.40	202	15274	1.177	ng/ul	97

JU 08/28/19

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