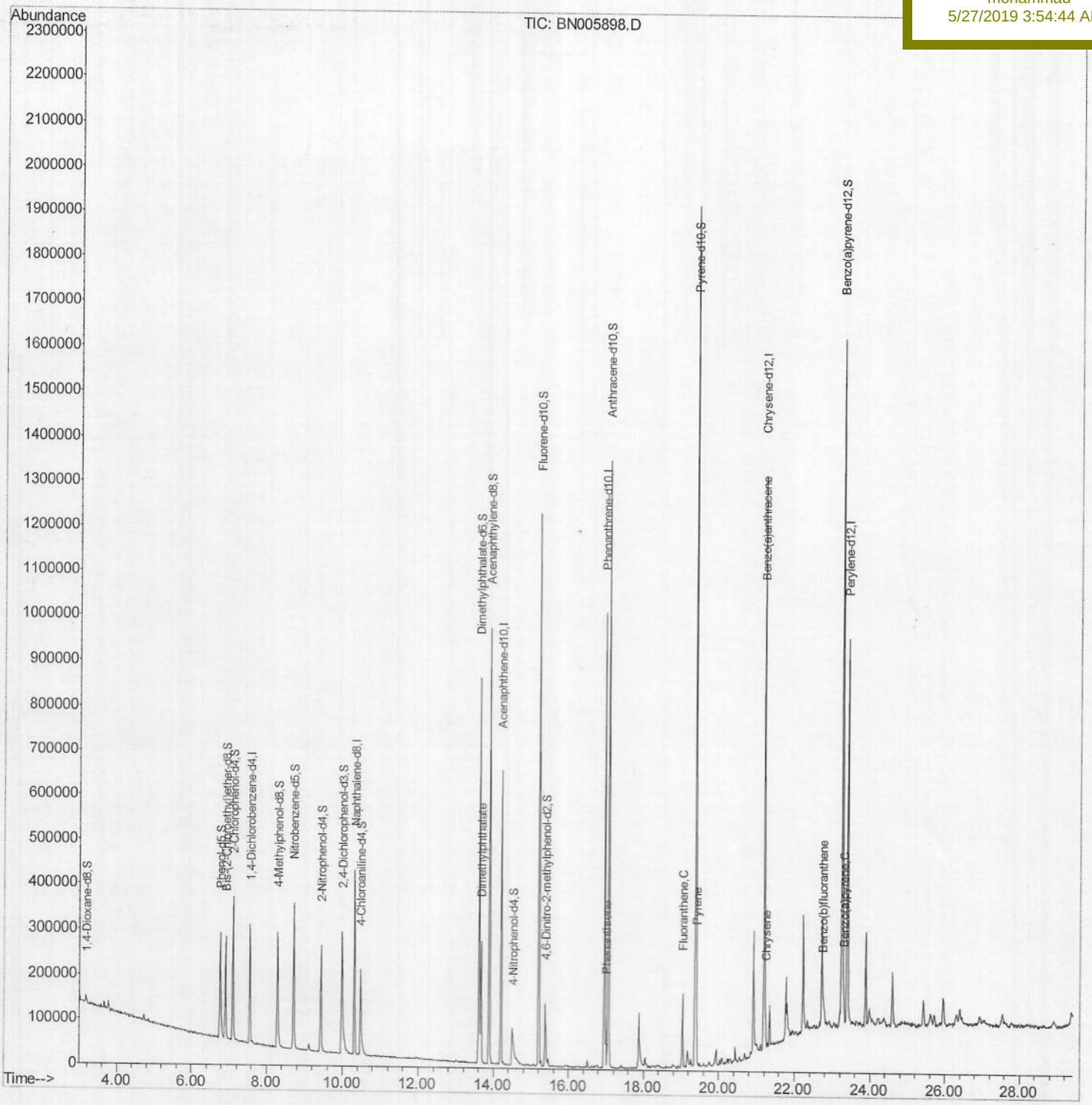
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005898.D
Acq On : 24 May 2019 20:01
Operator : JU/SJ
Sample : K2924-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 21:13:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4277

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:44 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005898.D
Acq On : 24 May 2019 20:01
Operator : JU/SJ
Sample : K2924-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 20:54:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
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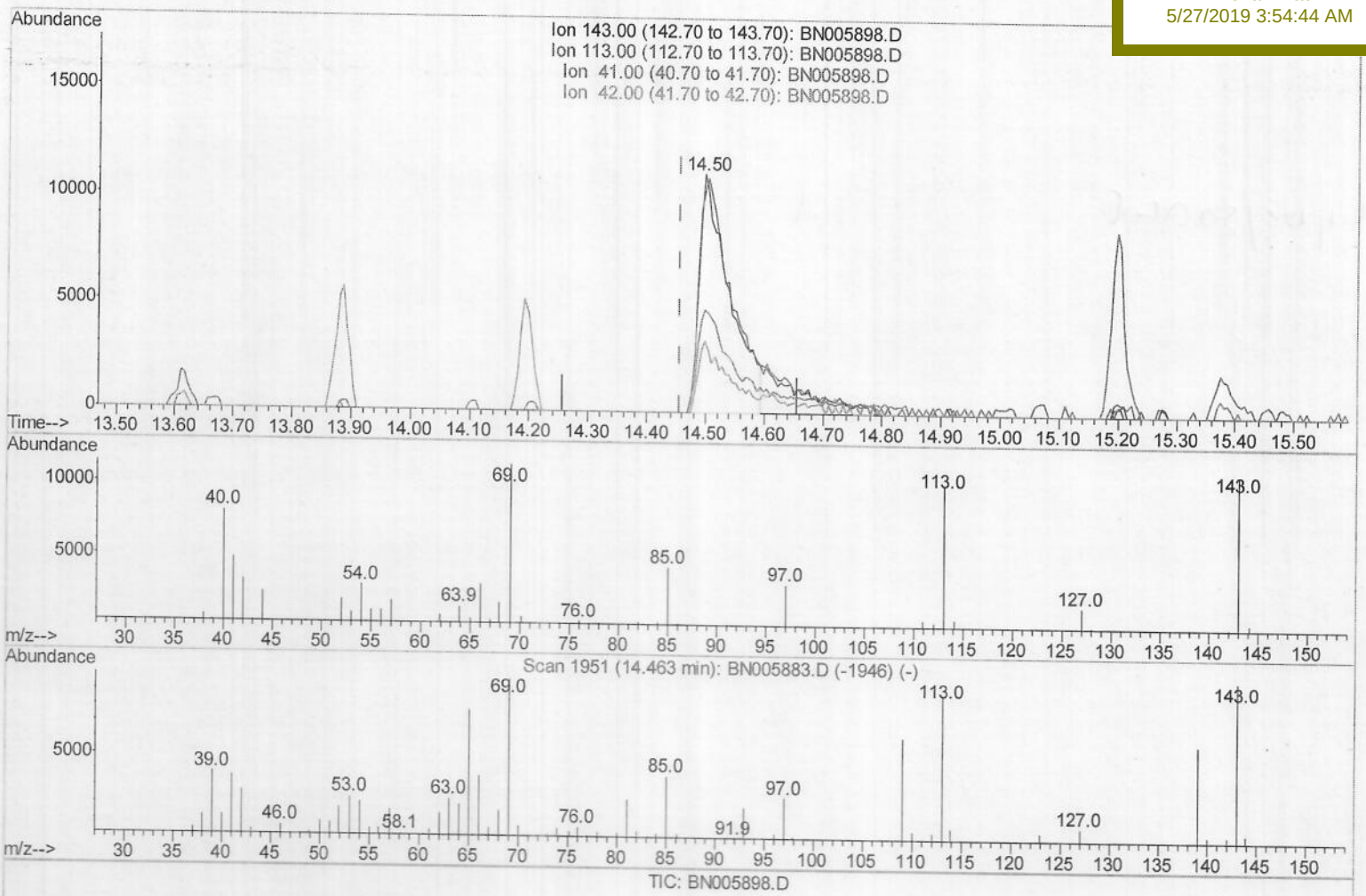

TIC: BN005898.D

(51) 4-Nitrophenol-d4 (S)

14.499min (+0.041) 16.34ng/ul

response 39917

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	92.39
41.00	47.90	42.83
42.00	31.70	29.44

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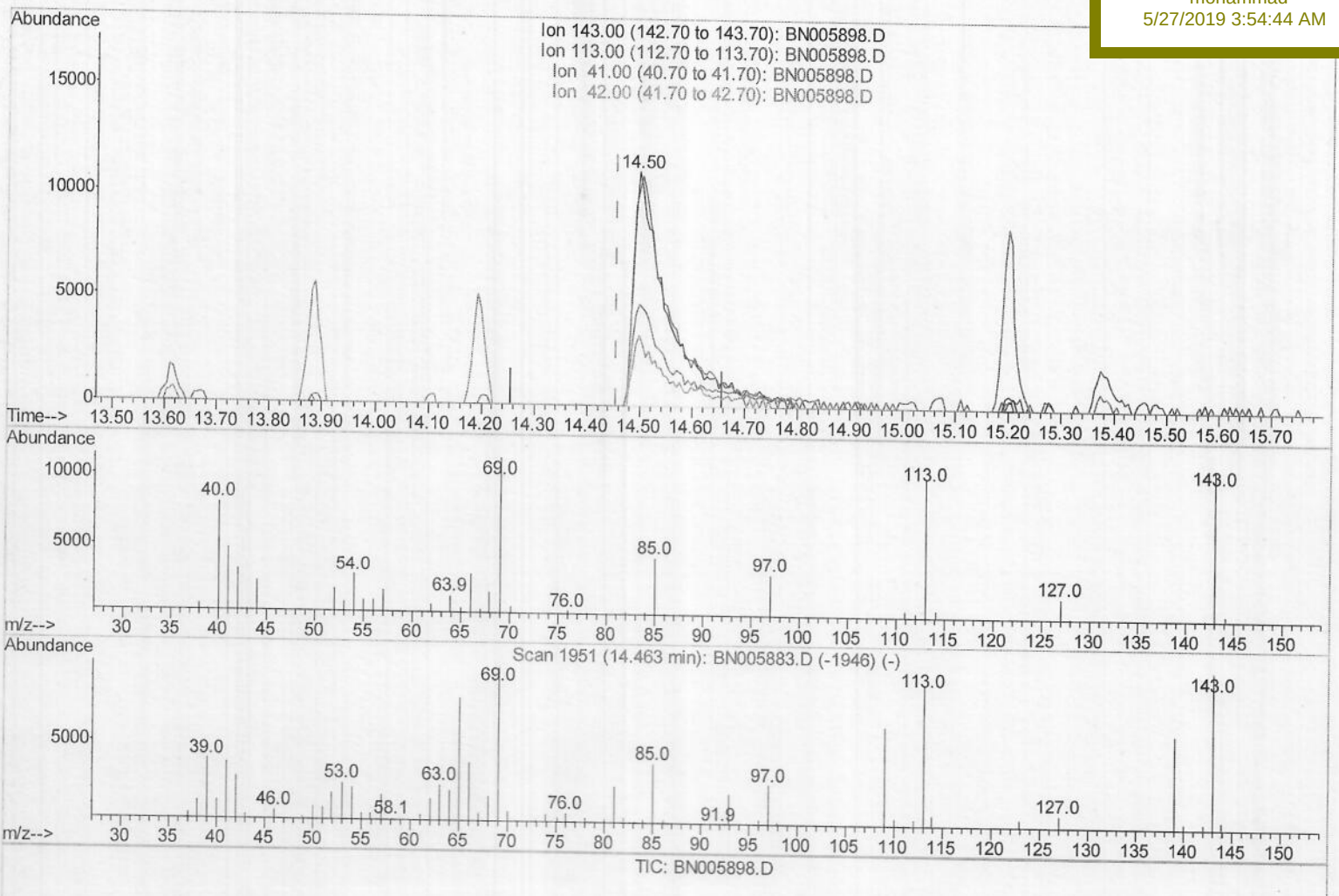
mohammad
5/27/2019 3:54:44 AM



TIC: BN005898.D

(51) 4-Nitrophenol-d4 (S)

14.499min (+0.041) 20.58ng/ul m) JU 06 May 19

response 50282

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	92.39
41.00	47.90	42.83
42.00	31.70	29.44

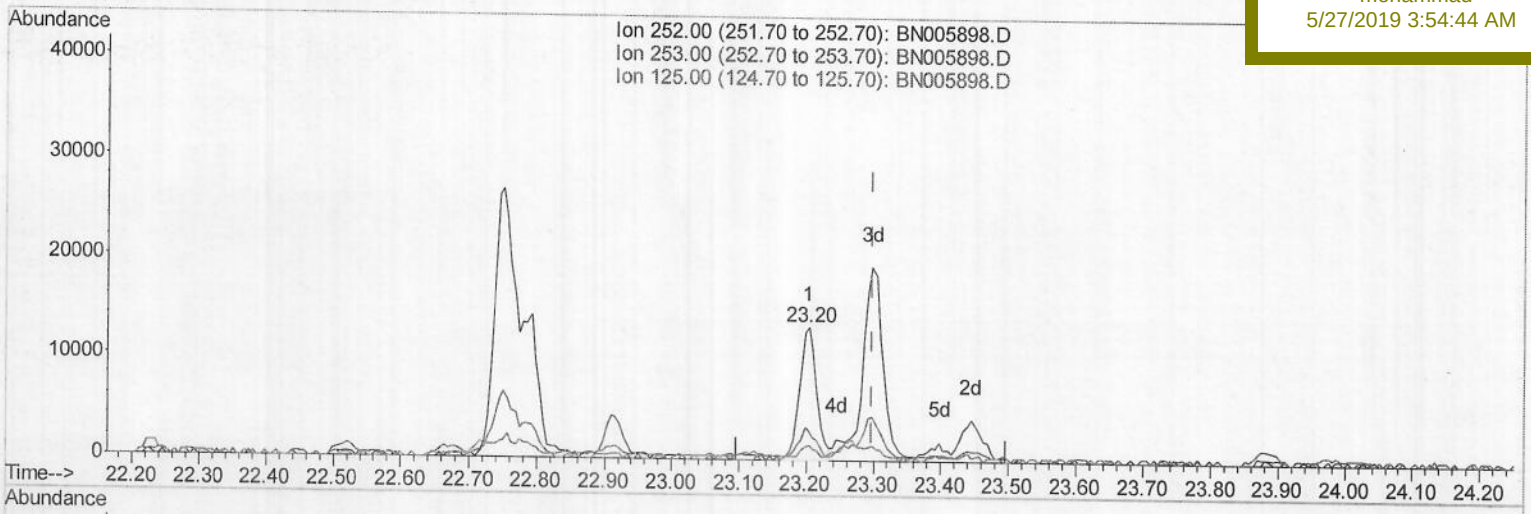
Quantitation Report (Qedit)

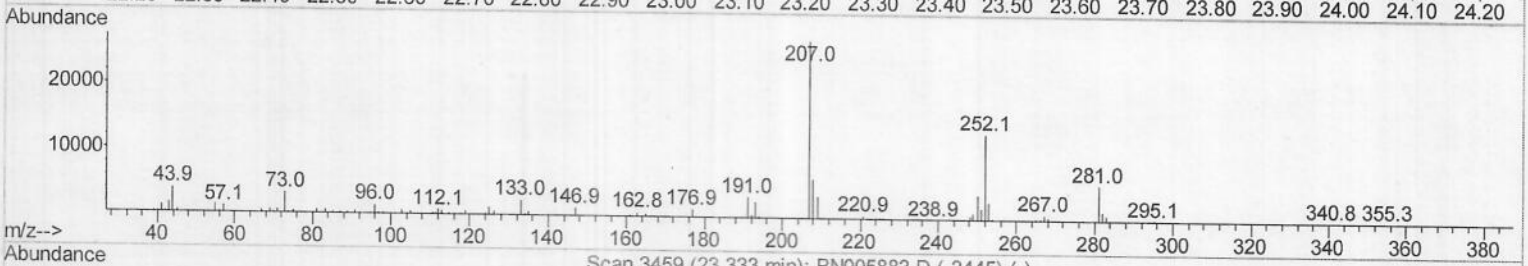
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005898.D
Acq On : 24 May 2019 20:01
Operator : JU/SJ
Sample : K2924-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

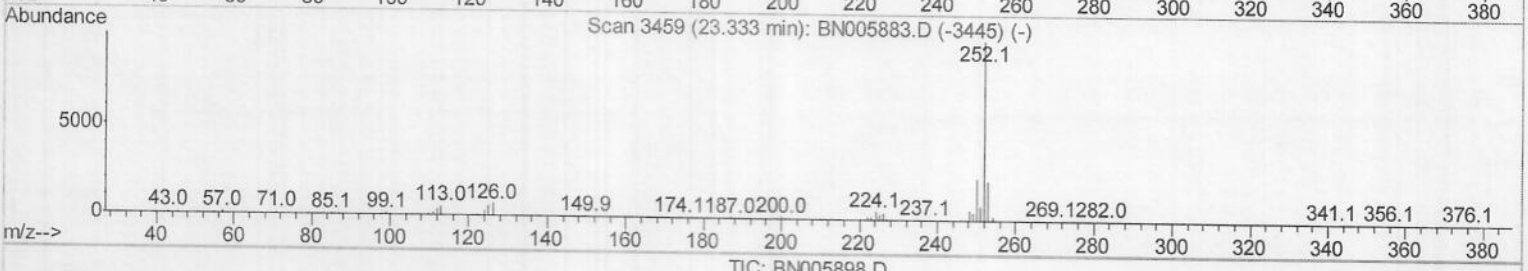
Quant Time: May 24 21:11:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4277

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:44 AM







TIC: BN005898.D

(90) Benzo(a)pyrene (C)

23.204min (-0.094) 0.63ng/ul

response 22954

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.59
125.00	10.80	10.73
0.00	0.00	0.00

Quantitation Report (Qedit)

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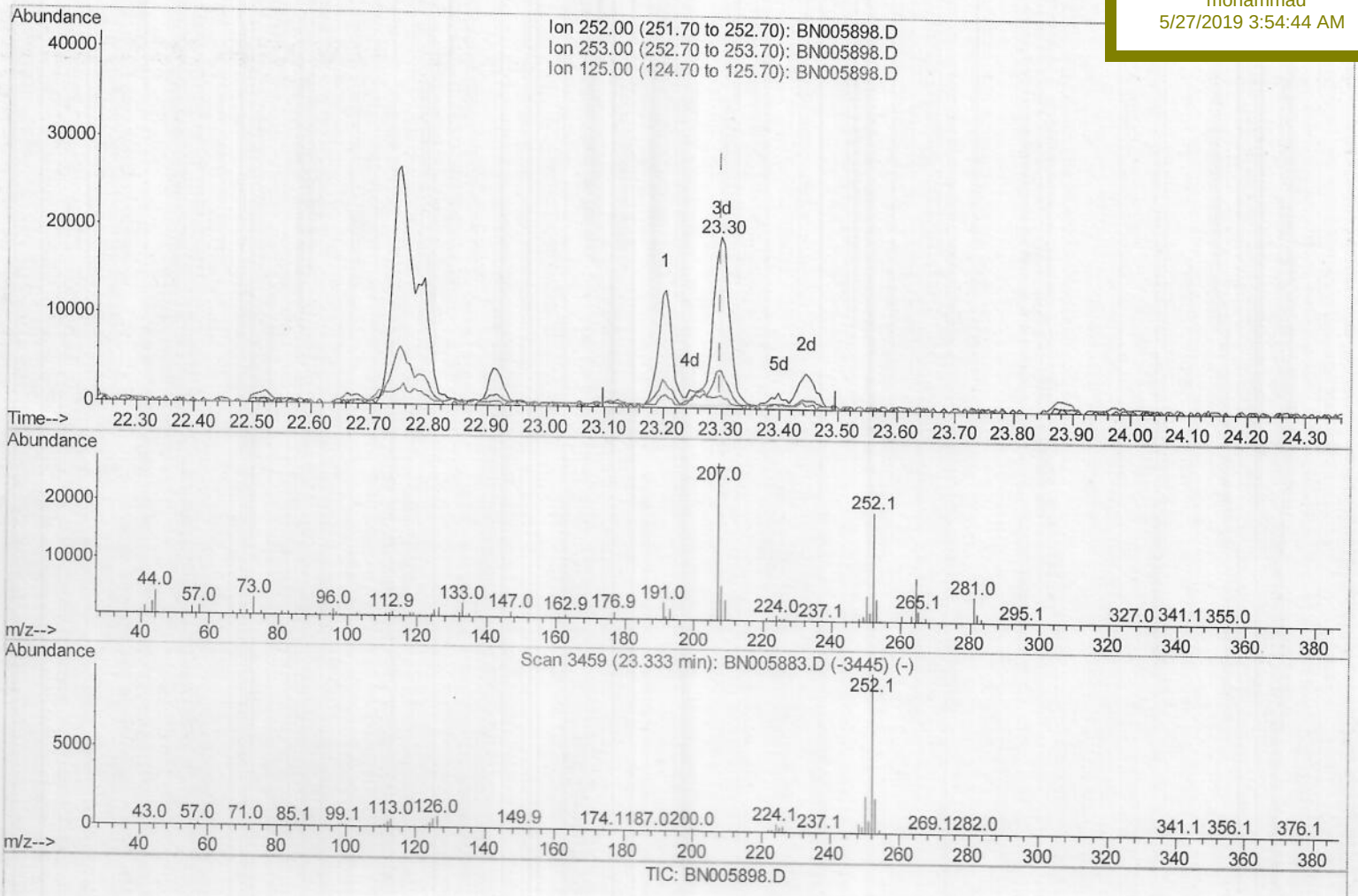
Manual Integrations APPROVED
mohammad
5/27/2019 3:54:44 AM



TIC: BN005898.D

(90) Benzo(a)pyrene (C)

23.298min (+0.000) 1.08ng/ul m JU 06/05/19

response 39151

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.33
125.00	10.80	7.37#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
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Manual Integrations APPROVED
mohammad
5/27/2019 3:54:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	76673	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	323222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	225433	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	588440	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	642021	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	680468	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	9173	6.70	ng/uL	-0.01
5) Phenol-d5	6.76	99	171698	28.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	100038	32.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	149667	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	119508	23.58	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	76783	32.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	81419	30.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	157626	30.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	136670	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	609644	35.15	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	711497	33.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	50282m	20.58	ng/ul	0.04
57) Fluorene-d10	15.20	176	543901	36.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	44123	12.47	ng/ul	0.01
70) Anthracene-d10	17.06	188	829345	32.62	ng/ul	0.00
78) Pyrene-d10	19.37	212	1045190	33.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	1010605	33.11	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.66	163	186842	10.925	ng/ul	98
69) Phenanthrene	17.00	178	63731	2.185	ng/ul	99
76) Fluoranthene	19.04	202	102486	2.842	ng/ul#	90
79) Pyrene	19.40	202	88326	2.240	ng/ul#	85
82) Benzo(a)anthracene	21.18	228	51153	1.265	ng/ul	98
84) Chrysene	21.23	228	50667	1.329	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	56057	1.497	ng/ul#	93
90) Benzo(a)pyrene	23.30	252	39151m	1.080	ng/ul	

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

JU 06/07/19