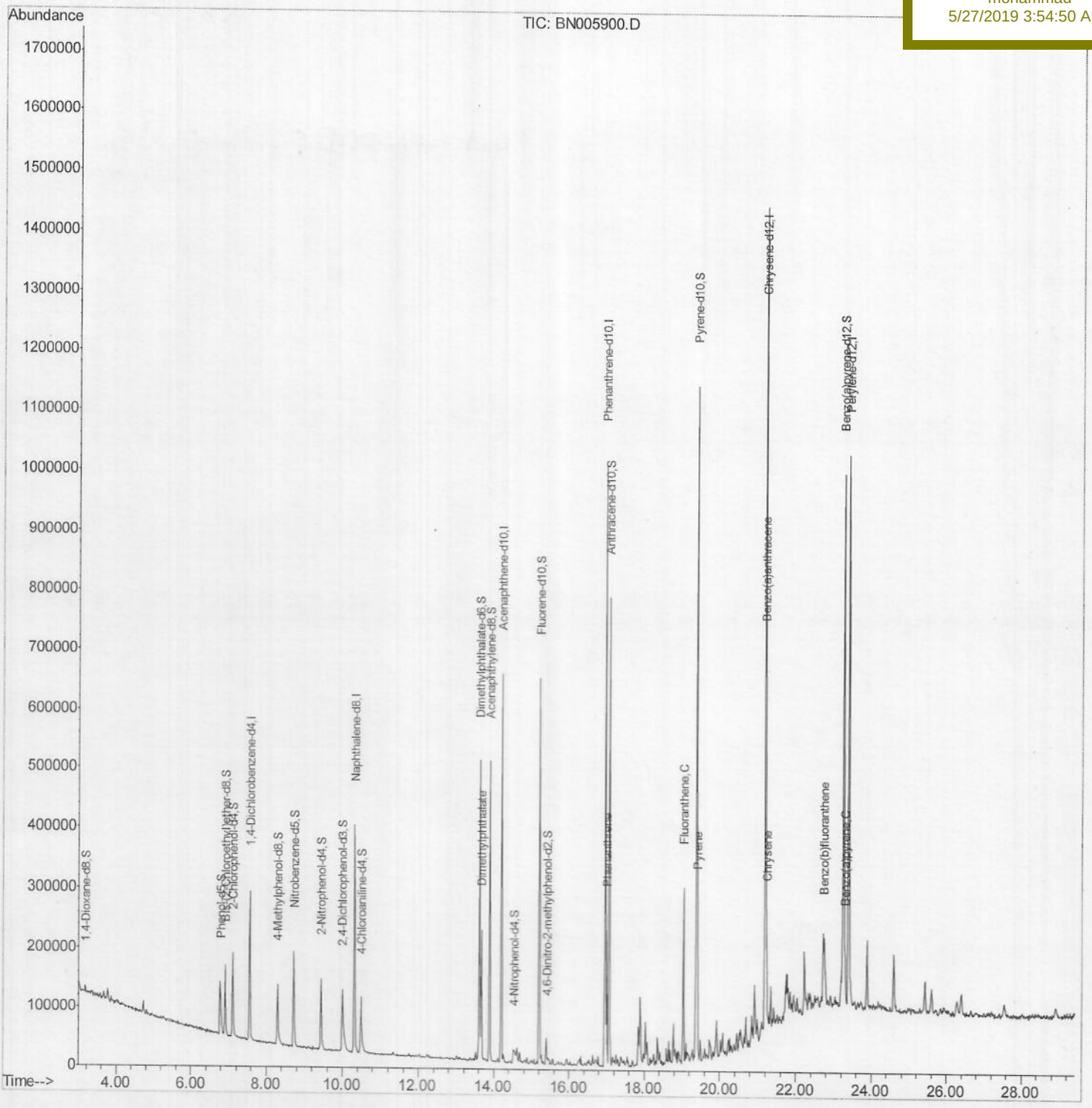
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005900.D
Acq On : 24 May 2019 21:10
Operator : JU/SJ
Sample : K2928-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 23:59:10 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 :
A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
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Manual Integrations APPROVED
mohammad
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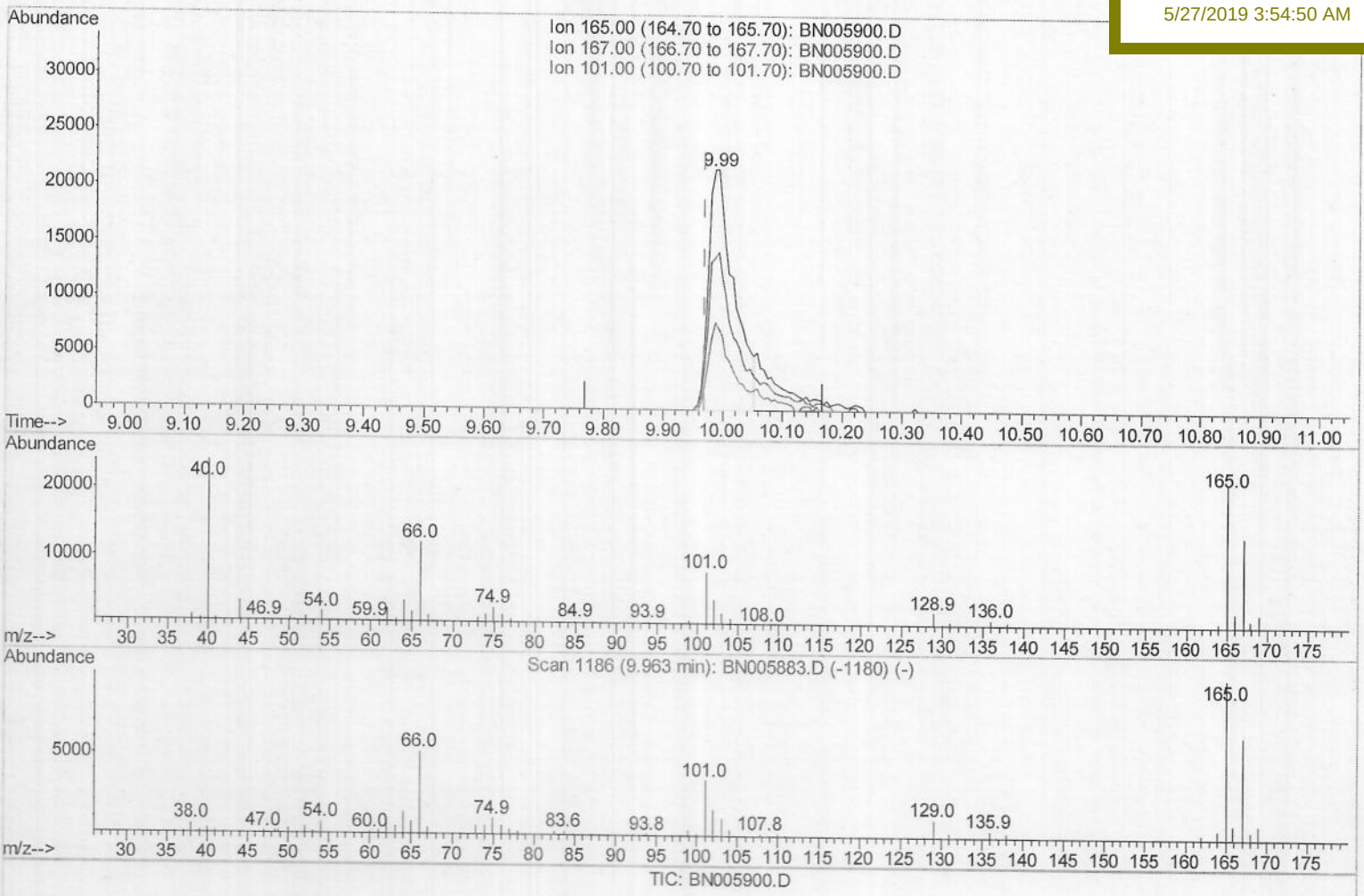

TIC: BN005900.D

(26) 2,4-Dichlorophenol-d3 (S)

9.987min (+0.017) 12.70ng/ul

response 64368

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	63.53
101.00	37.50	37.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
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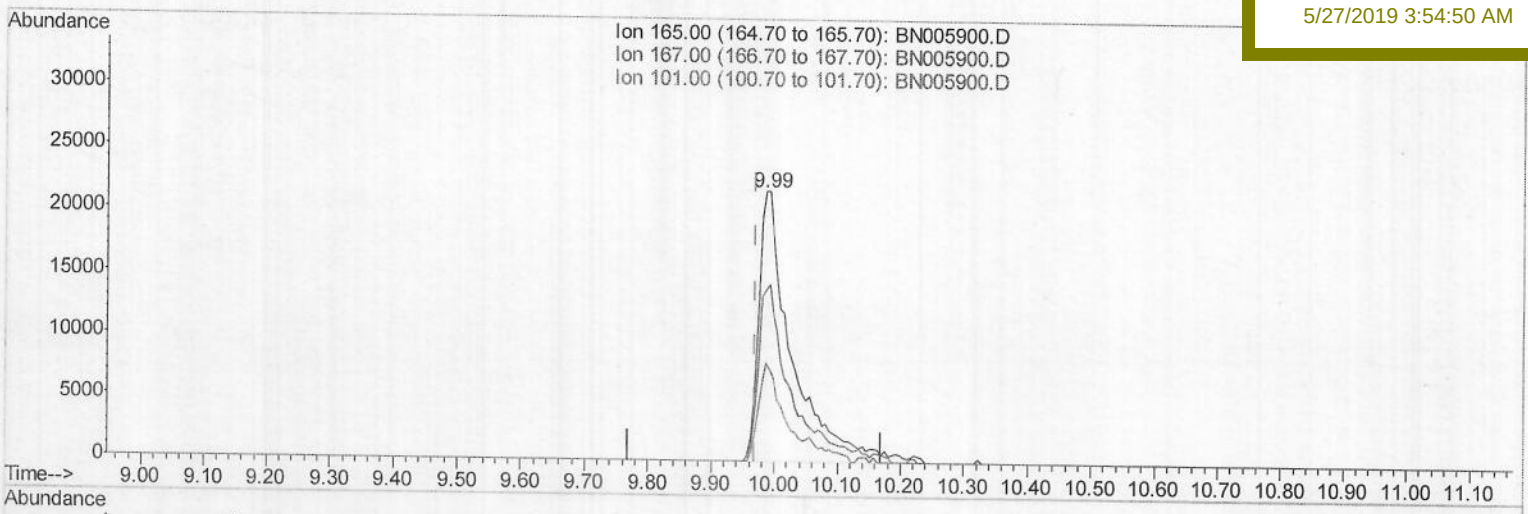
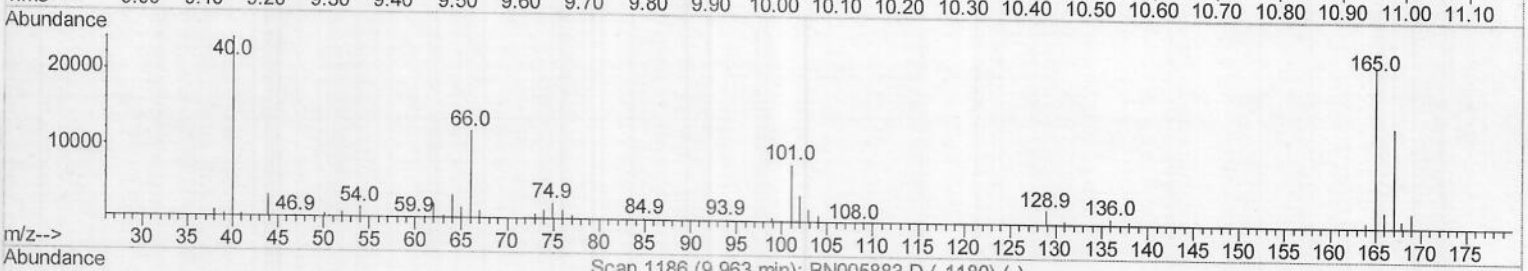
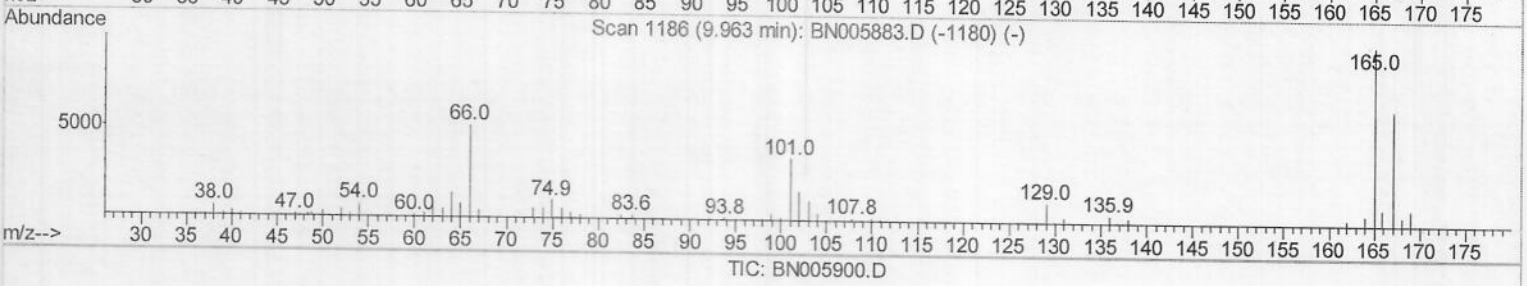
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM







TIC: BN005900.D

(26) 2,4-Dichlorophenol-d3 (S)

9.987min (+0.017) 15.51ng/ul m) JU 06/05/19

response 78613

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	63.53
101.00	37.50	37.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
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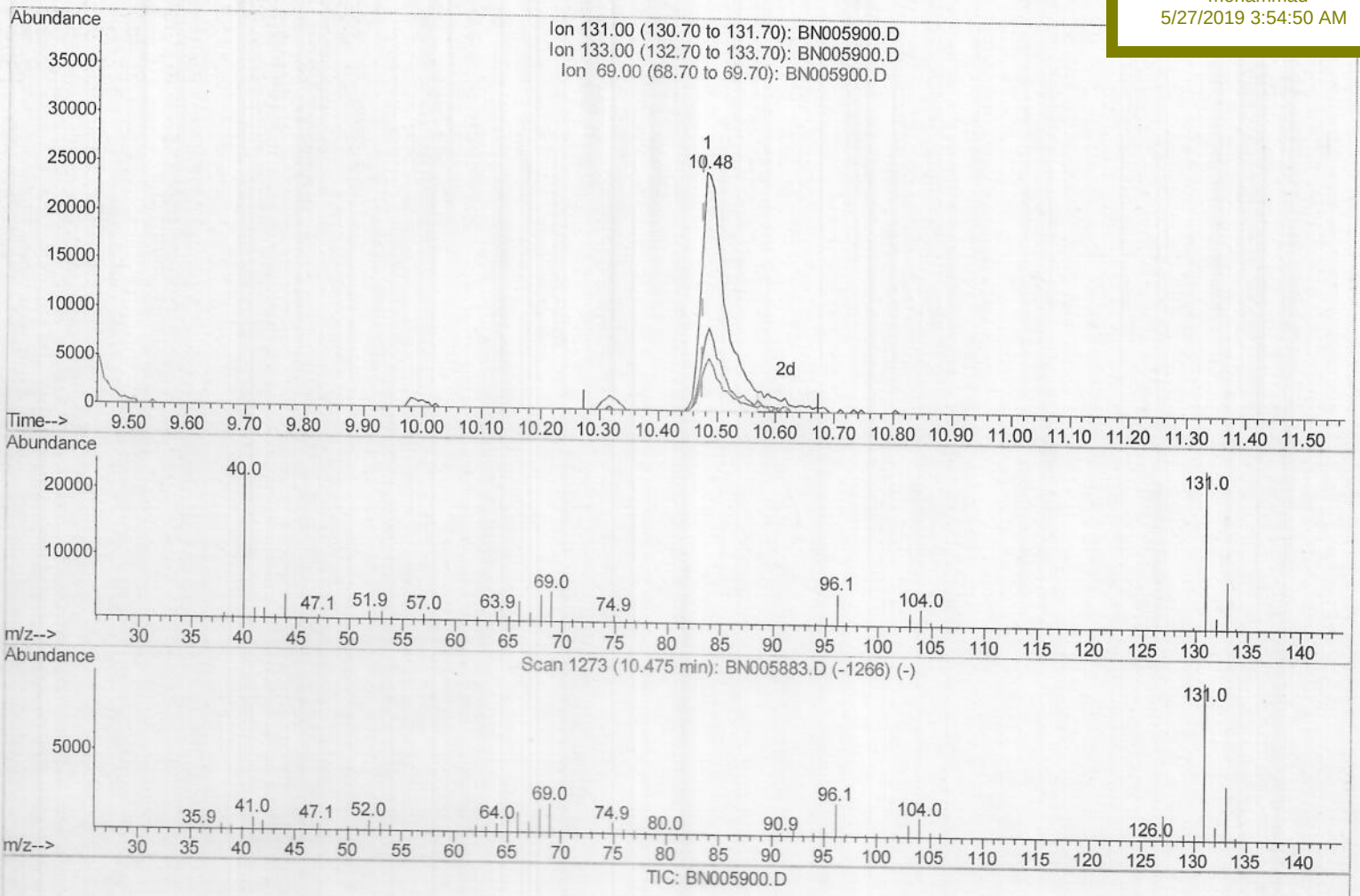
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM



TIC: BN005900.D

(29) 4-Chloroaniline-d4 (S)

10.481min (+0.006) 12.43ng/ul

response 69999

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	31.36
69.00	18.90	19.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005900.D
Acq On : 24 May 2019 21:10
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Sample : K2928-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 23:47:27 2019
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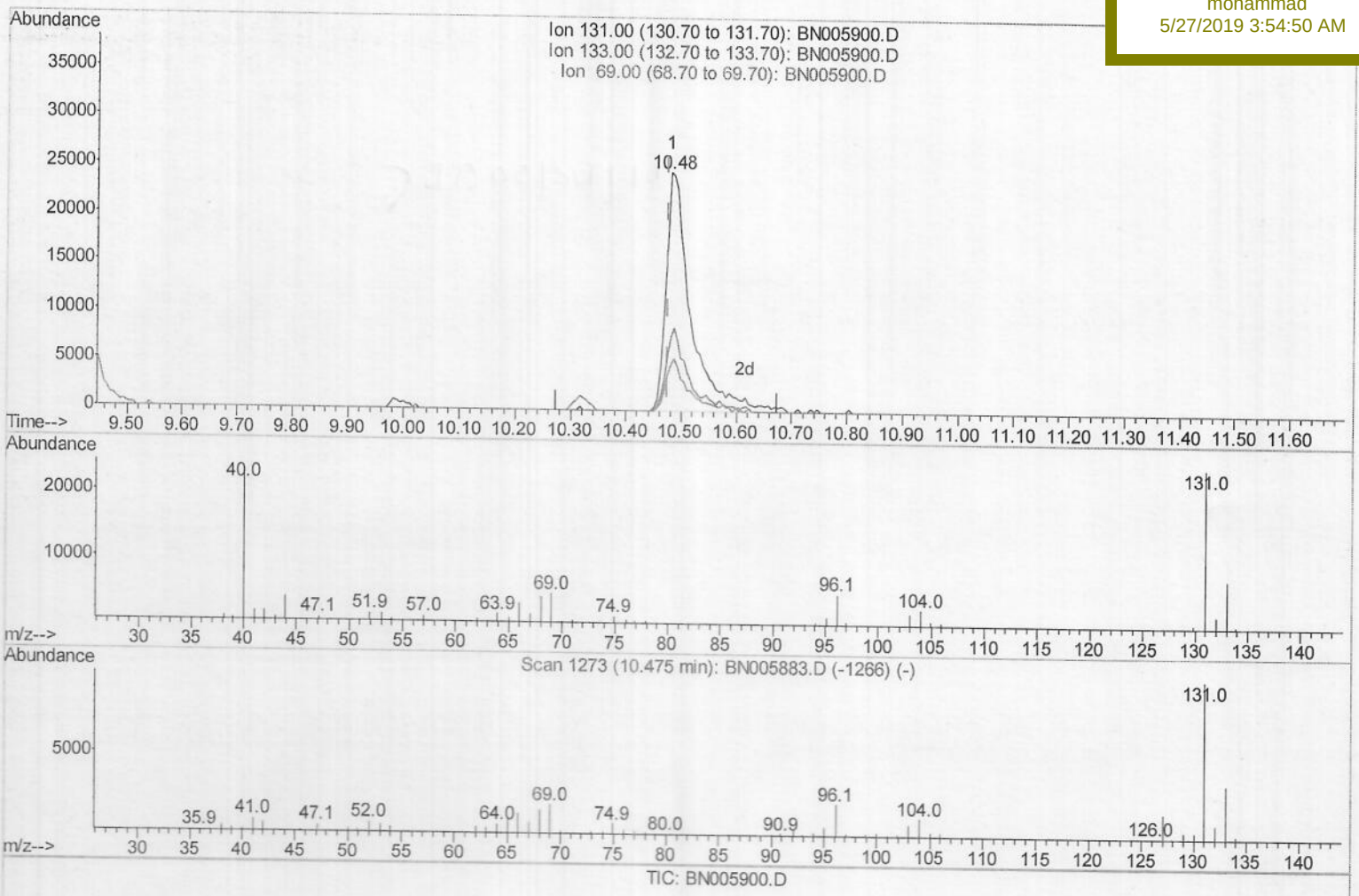
Instrument :
BNA_N
ClientSampleId :
A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM



TIC: BN005900.D

(29) 4-Chloroaniline-d4 (S)

10.481min (+0.006) 13.65ng/ul m) JU 06/05/19

response 76825

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	31.36
69.00	18.90	19.43
0.00	0.00	0.00

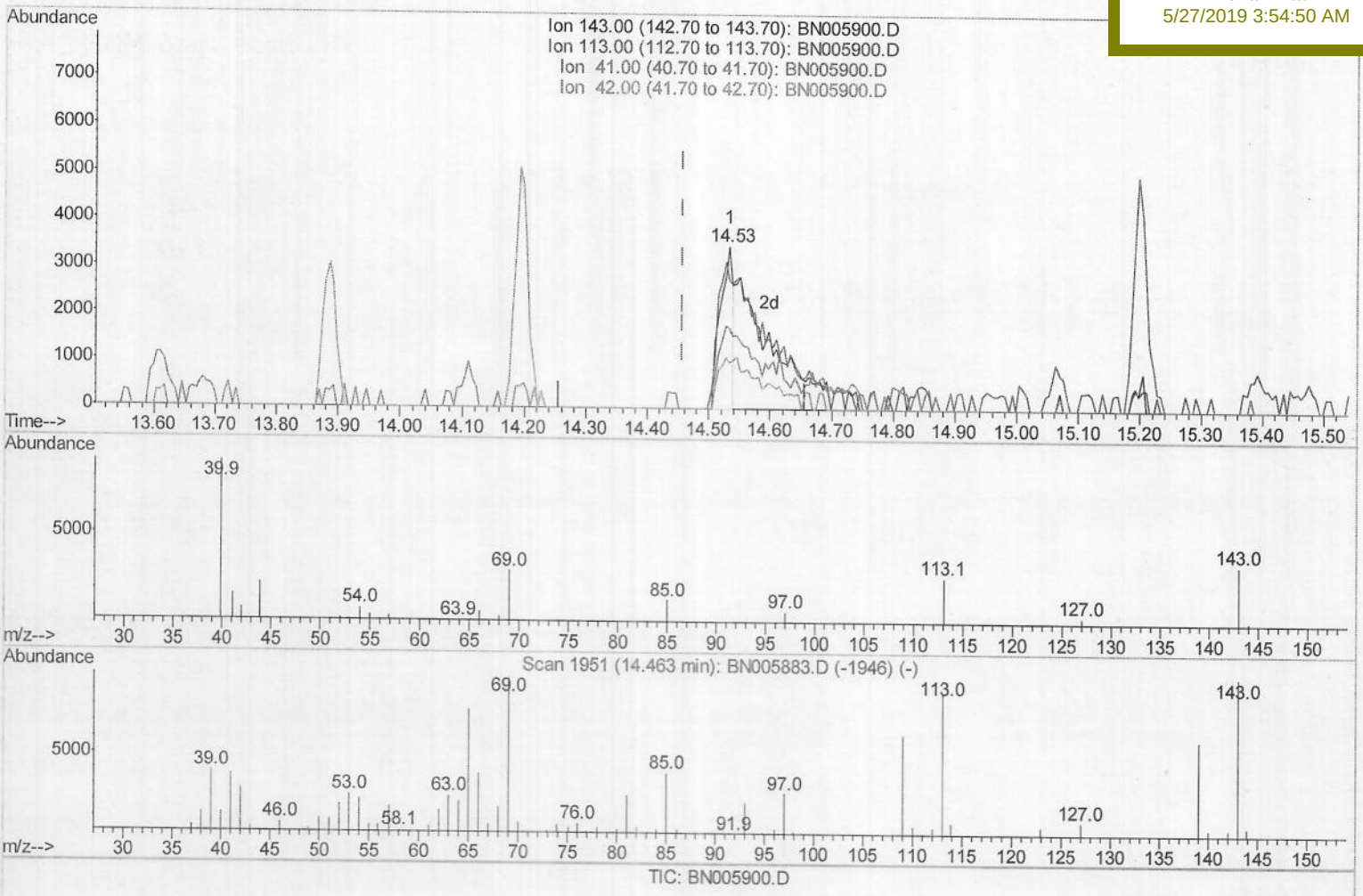
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005900.D
Acq On : 24 May 2019 21:10
Operator : JU/SJ
Sample : K2928-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 23:47:27 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 :
A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM



TIC: BN005900.D

(51) 4-Nitrophenol-d4 (S)

14.534min (+0.076) 2.19ng/ul

response 5207

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	79.77
41.00	47.90	49.48
42.00	31.70	28.33

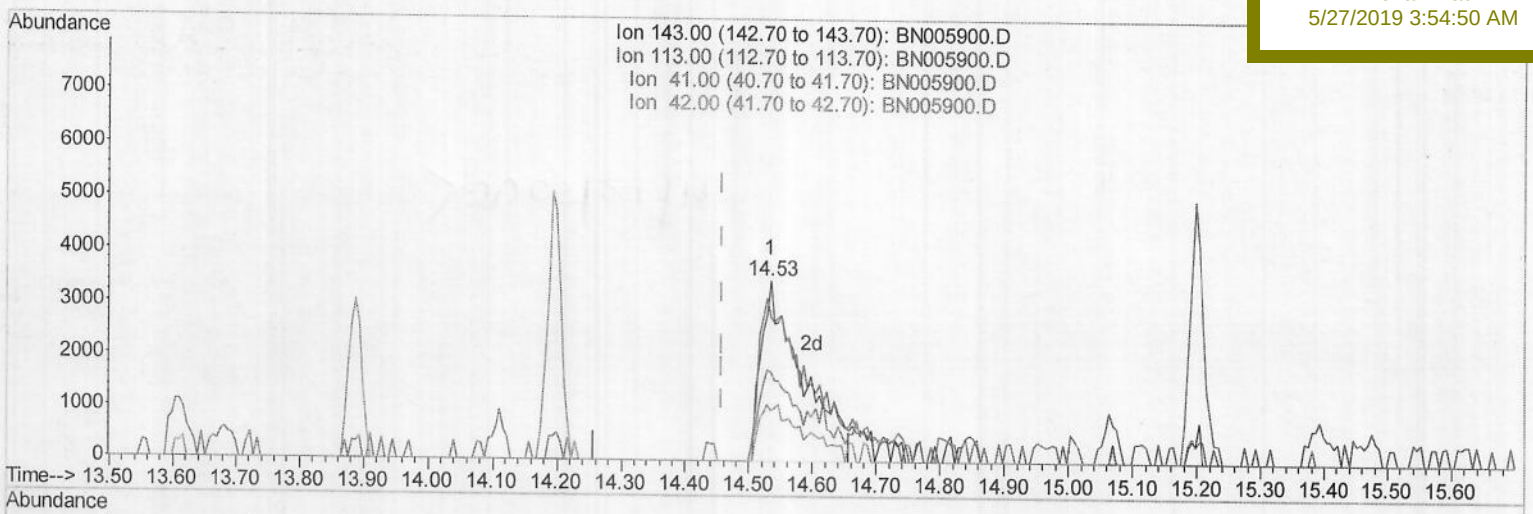
Quantitation Report (Qedit)

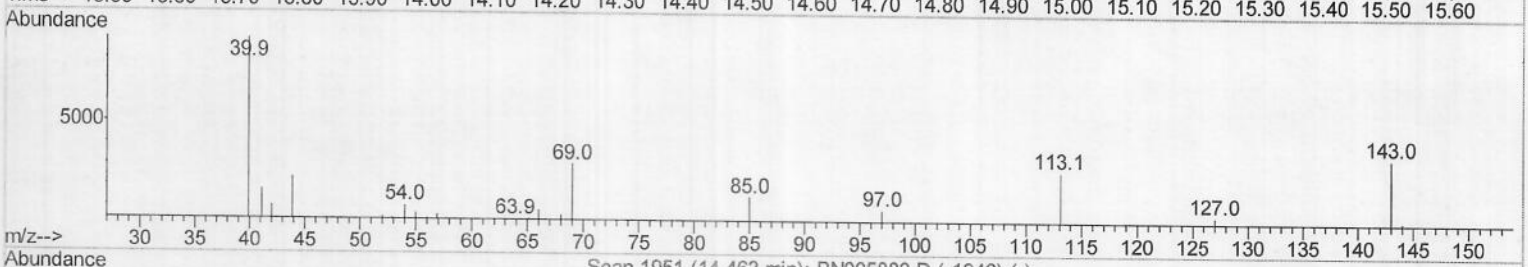
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005900.D
Acq On : 24 May 2019 21:10
Operator : JU/SJ
Sample : K2928-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

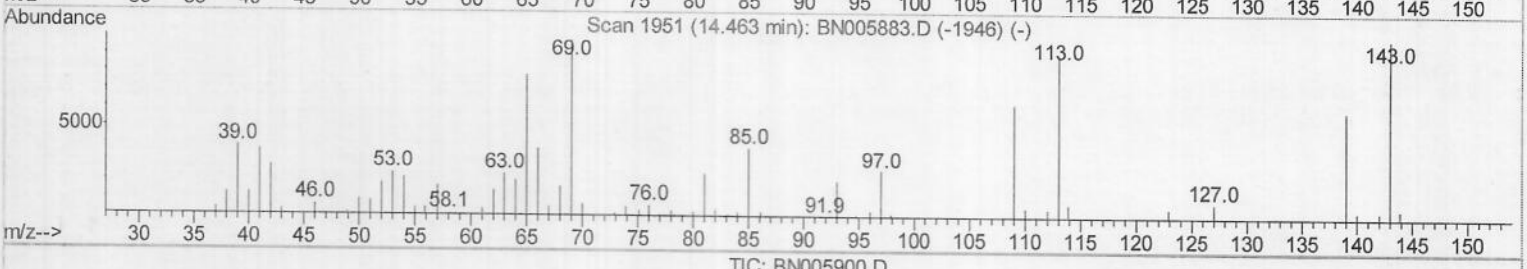
Quant Time: May 24 23:47:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM







TIC: BN005900.D

(51) 4-Nitrophenol-d4 (S)

14.534min (+0.076) 7.12ng/ul m) JU06 10/5/19

response 16911

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	79.77
41.00	47.90	49.48
42.00	31.70	28.33

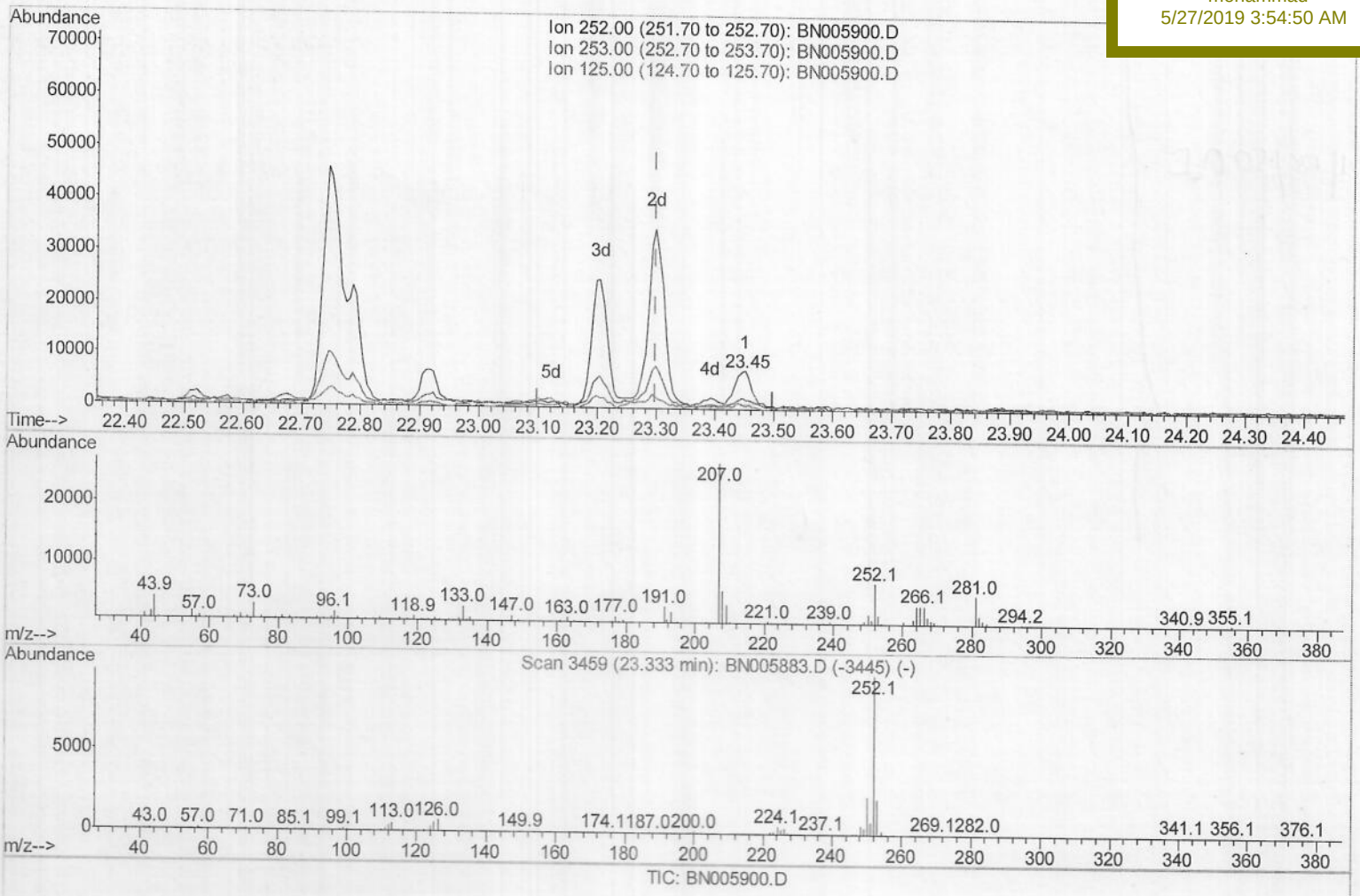
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005900.D
Acq On : 24 May 2019 21:10
Operator : JU/SJ
Sample : K2928-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 23:57:41 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 :
A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM



TIC: BN005900.D

(90) Benzo(a)pyrene (C)

23.451min (+0.153) 0.30ng/ul

response 11332

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.62
125.00	10.80	9.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005900.D
Acq On : 24 May 2019 21:10
Operator : JU/SJ
Sample : K2928-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 23:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
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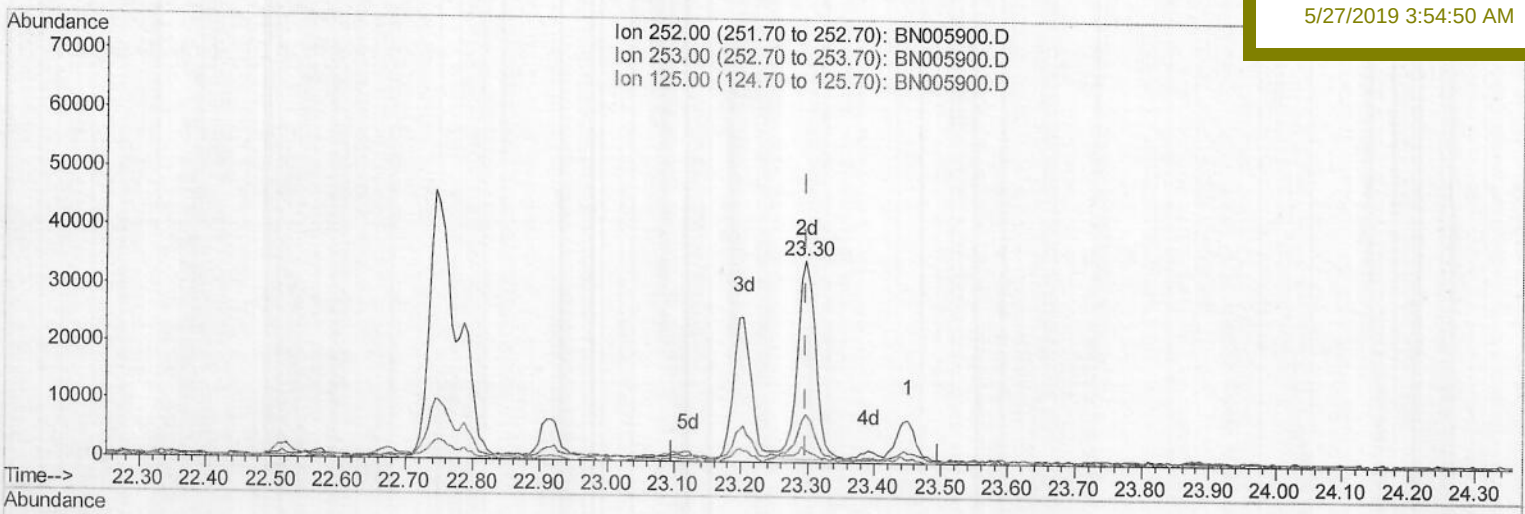
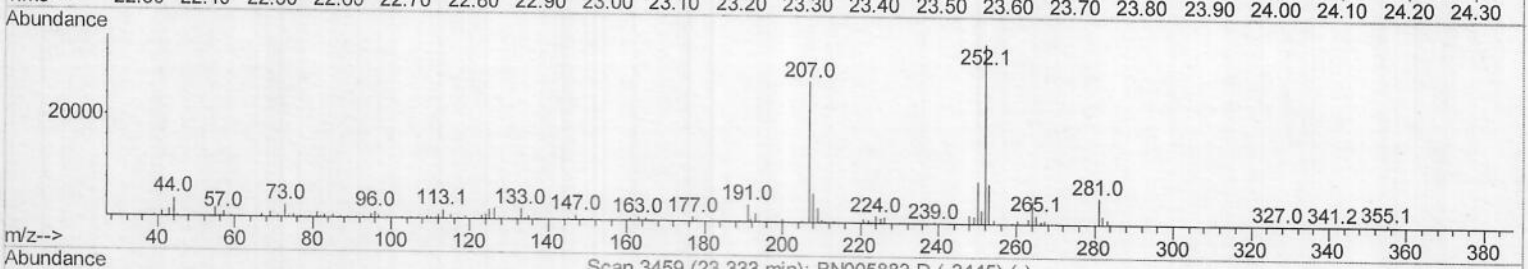
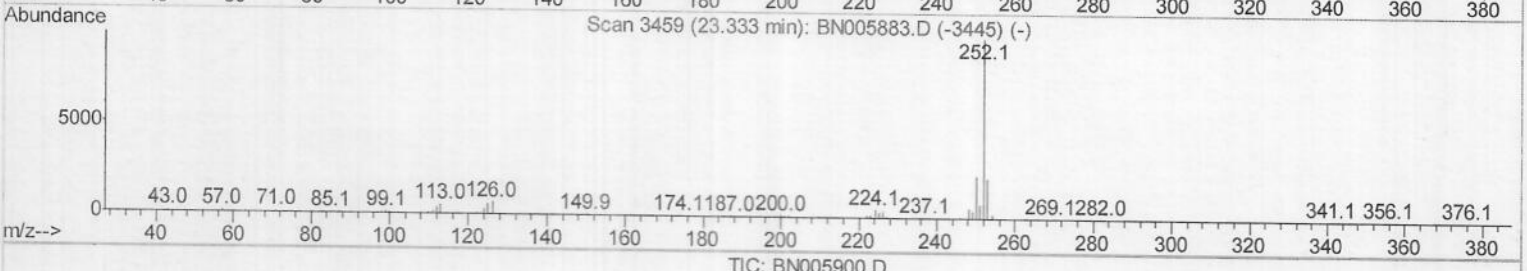
A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM







TIC: BN005900.D

(90) Benzo(a)pyrene (C)

23.298min (-0.000) 1.71ng/ul m) JU 06/03/19

response 65168

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.39
125.00	10.80	6.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 24 May 2019 21:10
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ClientSampleId : A42D2

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	74378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	316857	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	219254	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	578840	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	641430	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	716441	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	5183	3.90	ng/uL	-0.01
5) Phenol-d5	6.78	99	74515	12.96	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.90	67	54052	18.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	72558	15.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	52357	10.65	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	38355	16.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	40615	15.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	78613m	15.51	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	76825m	13.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	349447	20.71	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	360680	17.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	16911m	7.12	ng/ul	0.08
57) Fluorene-d10	15.20	176	288559	19.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	11713	3.37	ng/ul	0.02
70) Anthracene-d10	17.06	188	463212	18.52	ng/ul	0.00
78) Pyrene-d10	19.37	212	595455	18.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	607823	18.91	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.66	163	151429	9.104	ng/ul	99
69) Phenanthrene	17.00	178	139151	4.850	ng/ul	99
76) Fluoranthene	19.04	202	171380	4.831	ng/ul#	88
79) Pyrene	19.40	202	156210	3.966	ng/ul#	86
82) Benzo(a)anthracene	21.17	228	85103	2.106	ng/ul#	94
84) Chrysene	21.23	228	106544	2.797	ng/ul#	96
87) Benzo(b)fluoranthene	22.74	252	96704	2.454	ng/ul#	97
90) Benzo(a)pyrene	23.30	252	65168m	1.707	ng/ul	

JU 06/05/19

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