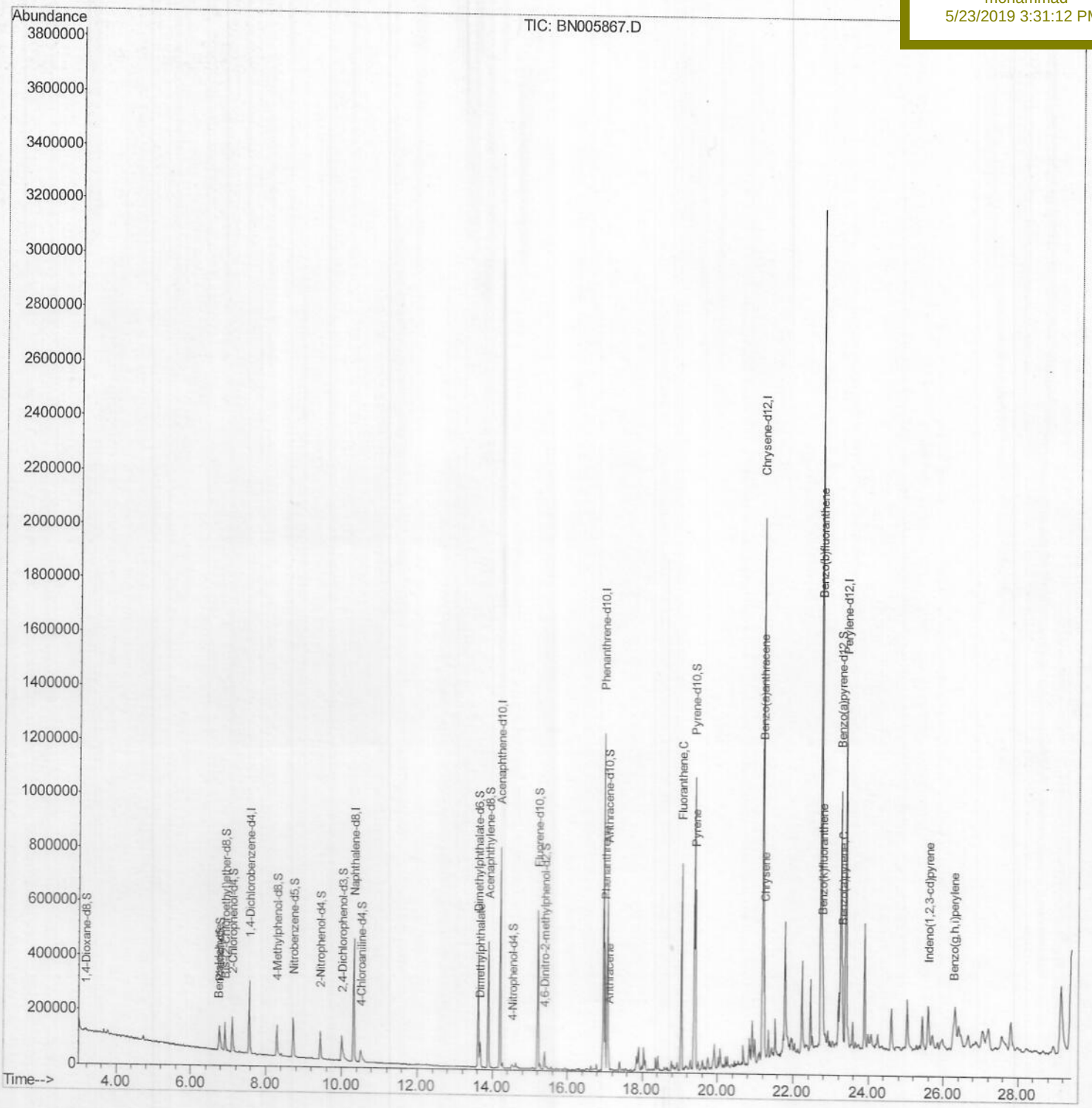
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 06:45:12 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 :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



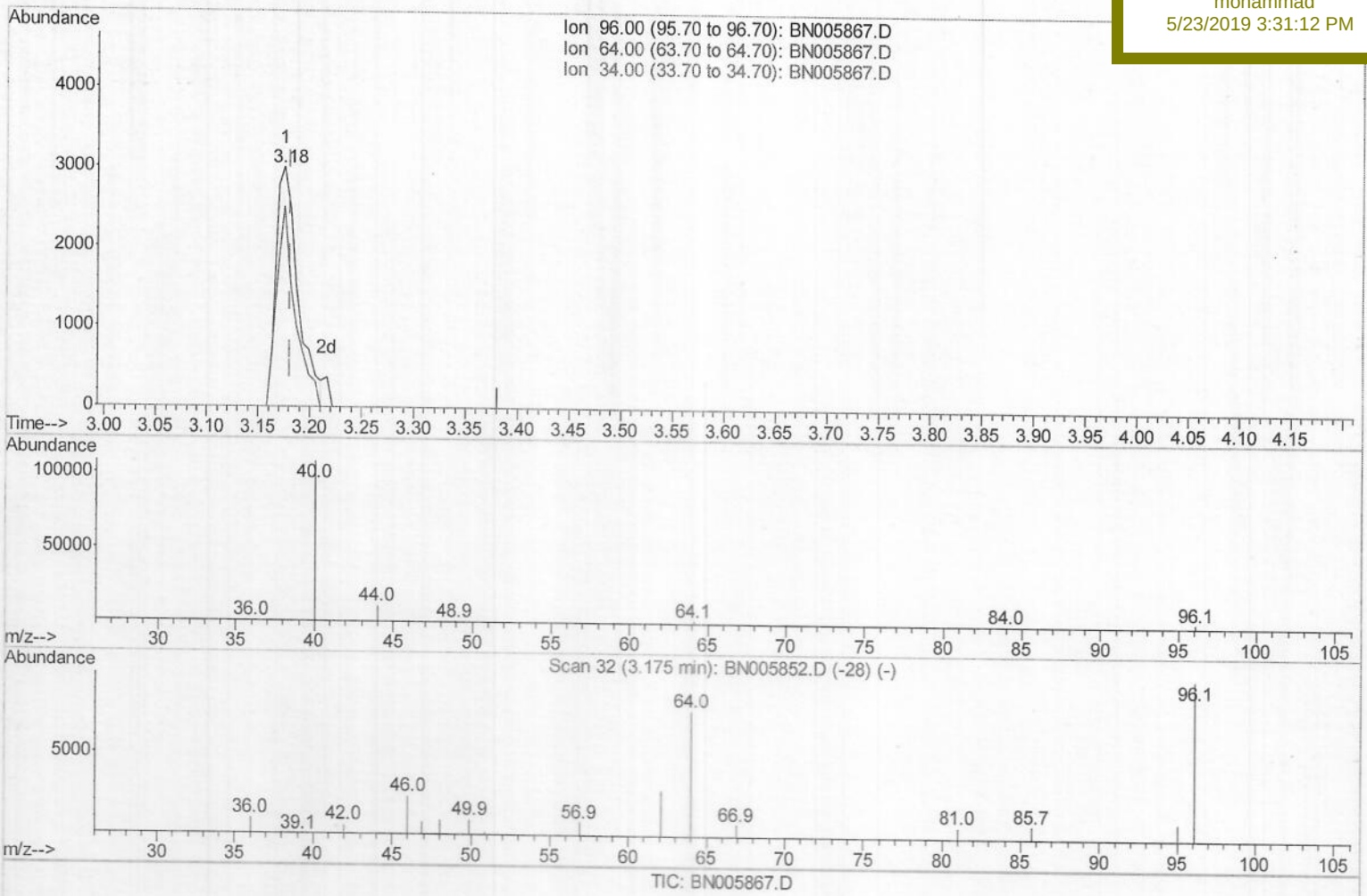
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 05:08:43 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 :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

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

3.176min (-0.006) 2.96ng/uL

response 4457

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	83.09
34.00	0.00	0.00
0.00	0.00	0.00

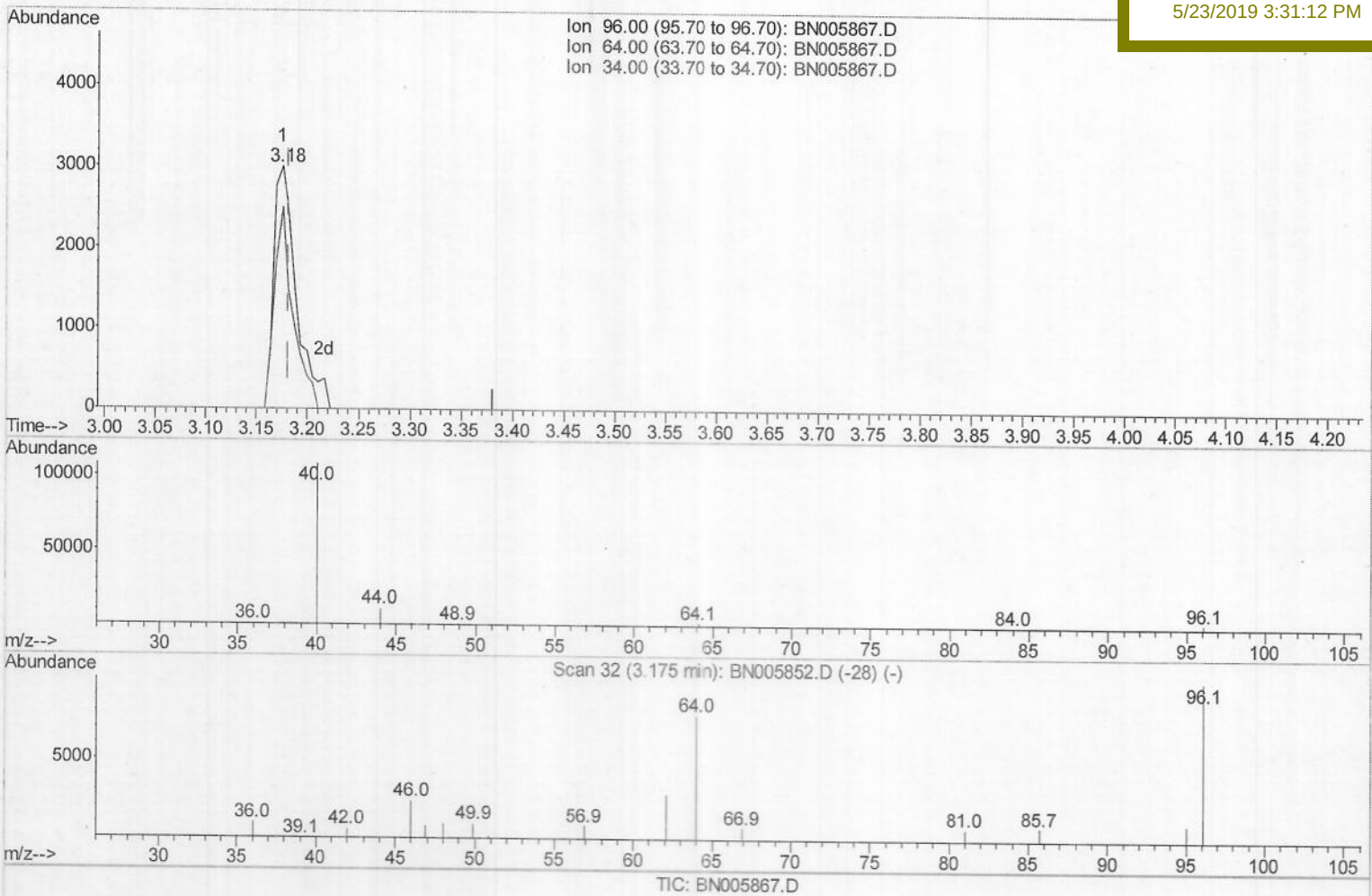
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 05:08:43 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 :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

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

3.176min (-0.006) 3.04ng/uL m

response 4586

JV 6/3/19

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	83.09
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 05:08:43 2019
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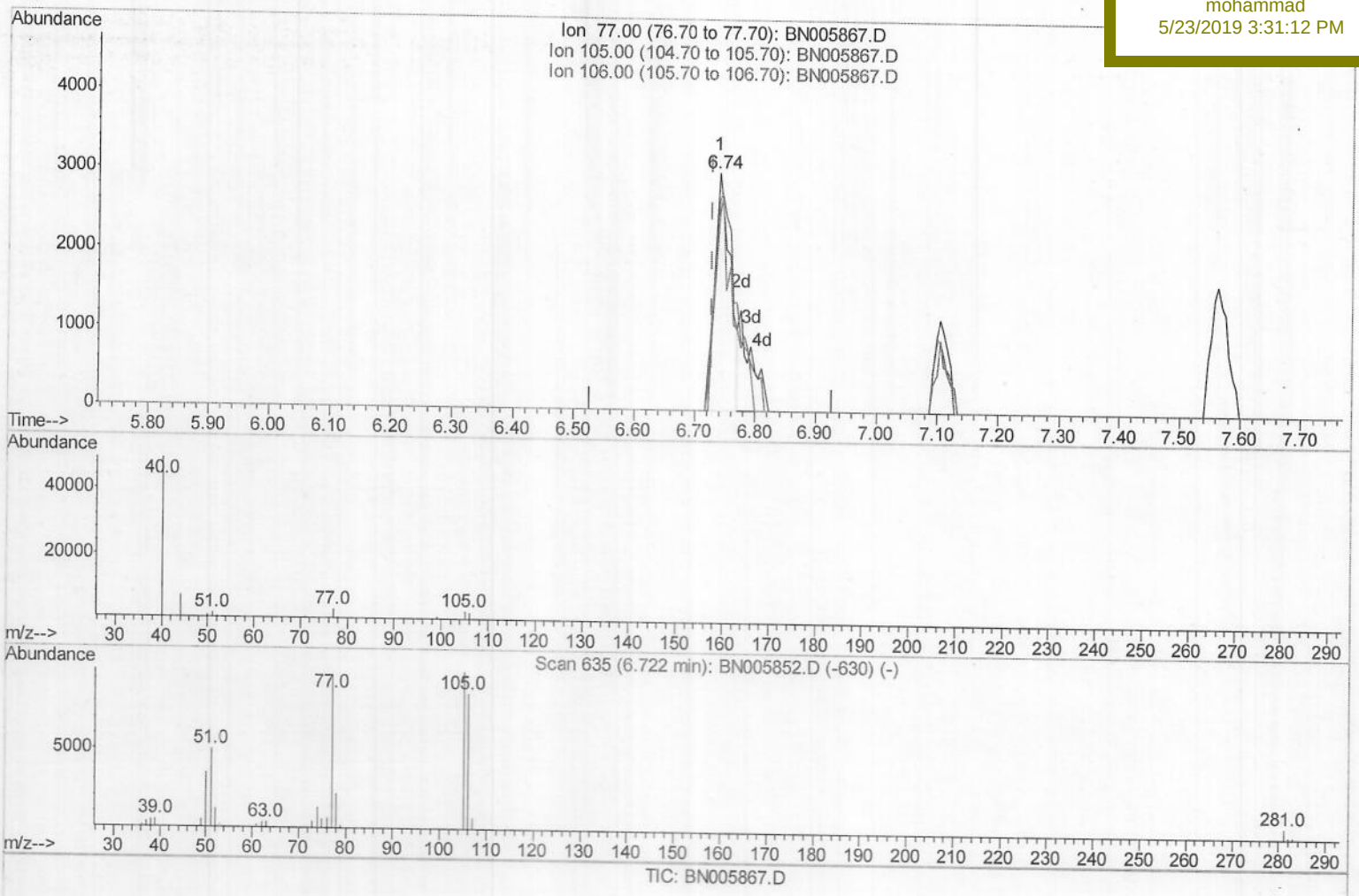
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

(4) Benzaldehyde

6.740min (+0.012) 1.18ng/ul

response 5573

Ion	Exp%	Act%
77.00	100	100
105.00	96.80	89.63
106.00	95.40	82.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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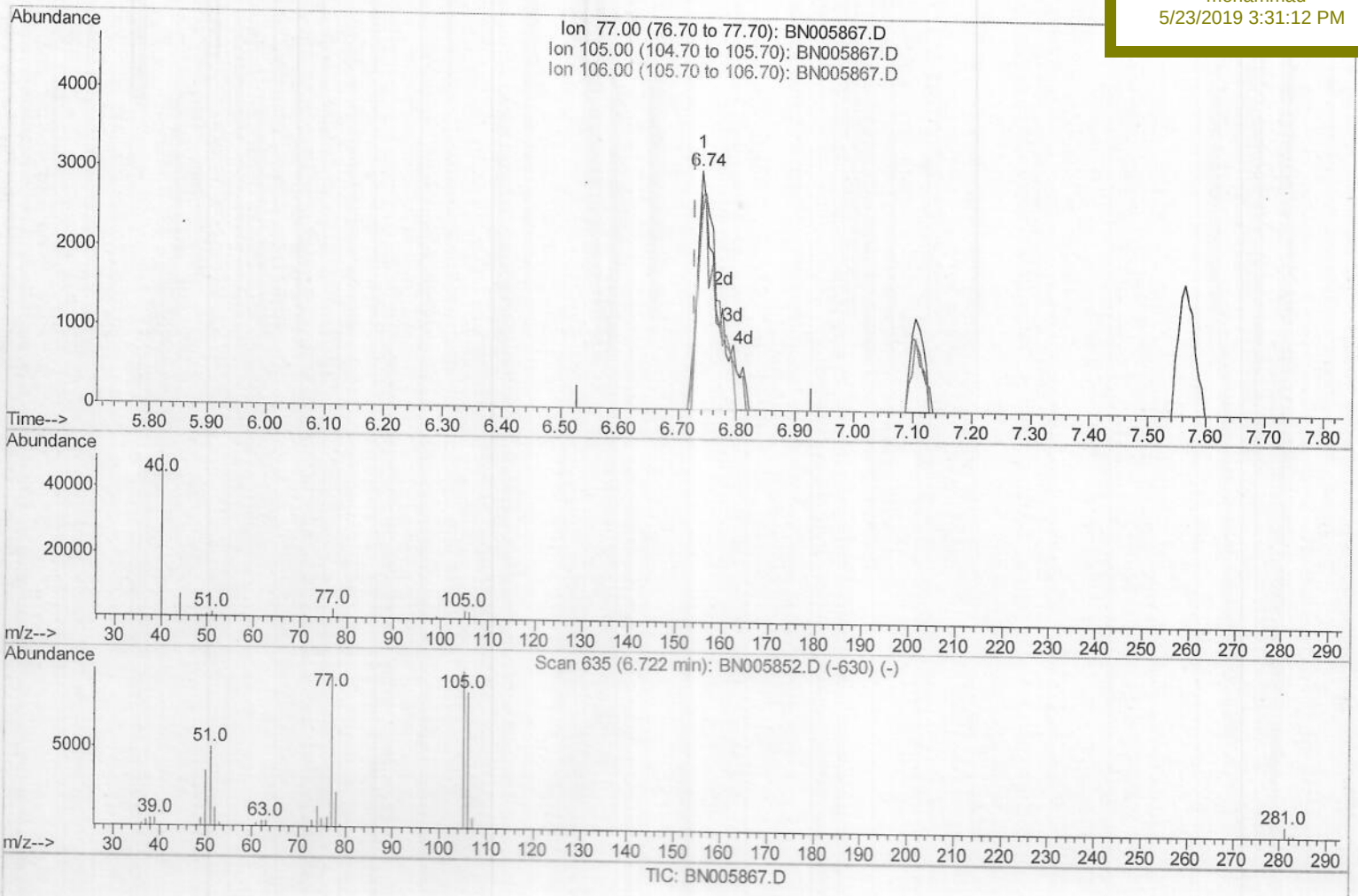
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

(4) Benzaldehyde

6.740min (+0.012) 1.57ng/ul m

response 7421

SJ 6/3/19

Ion	Exp%	Act%
77.00	100	100
105.00	96.80	89.63
106.00	95.40	82.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 05:08:43 2019
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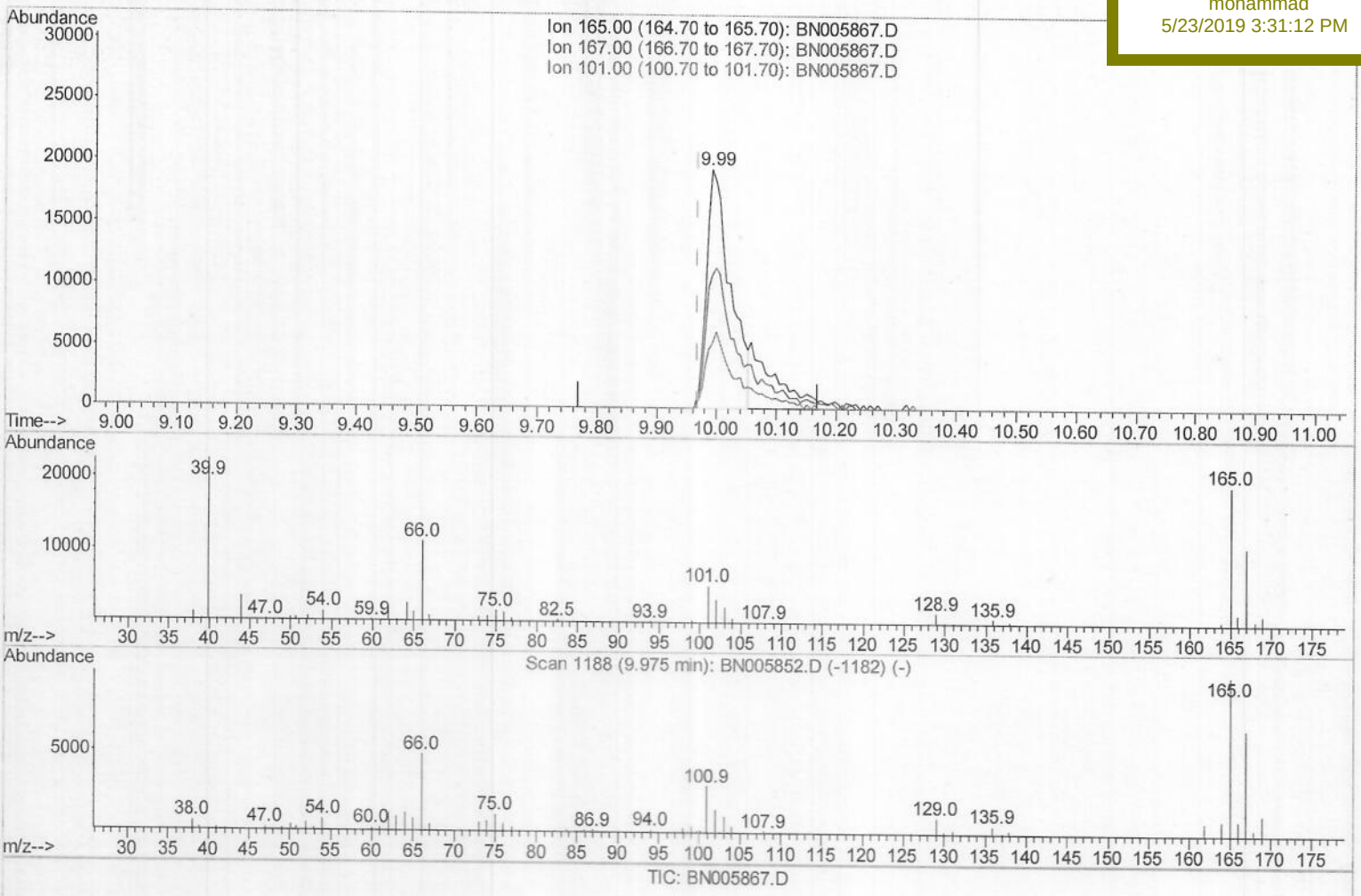
Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

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

9.993min (+0.024) 9.12ng/ul

response 54353

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	56.10
101.00	37.50	27.26#
0.00	0.00	0.00

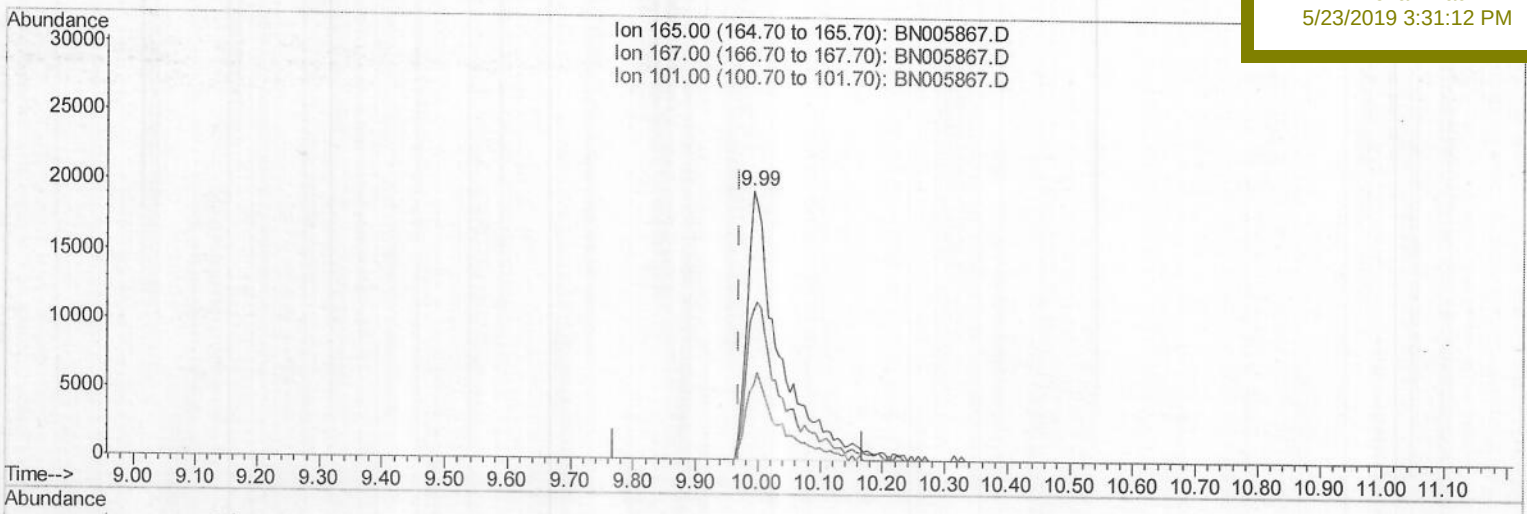
Quantitation Report (Qedit)

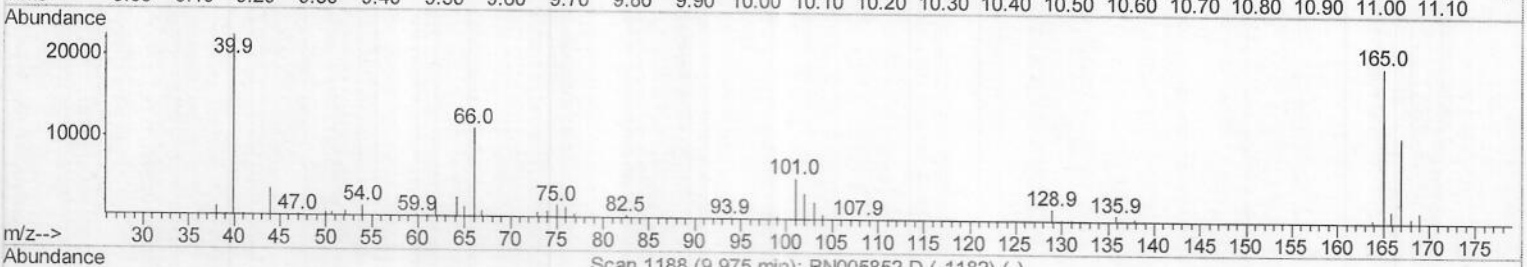
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

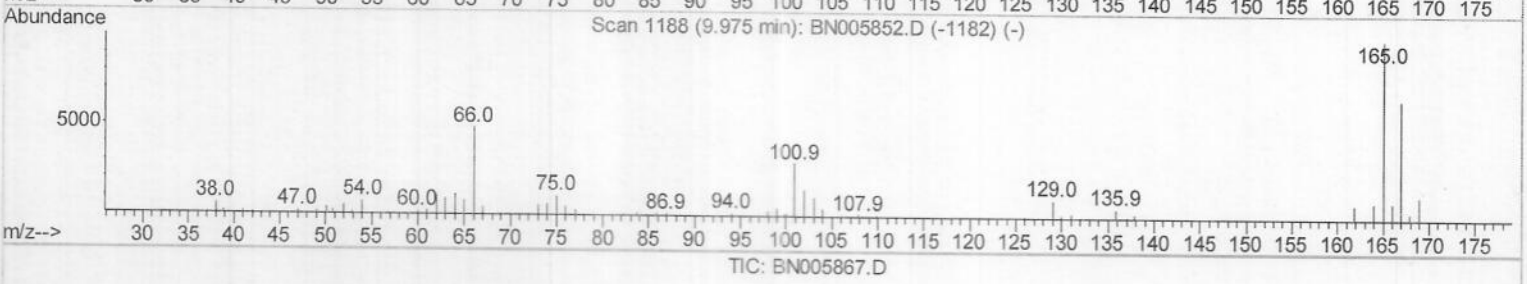
Quant Time: May 23 05:08:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM







TIC: BN005867.D

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

9.993min (+0.024) 11.99ng/ul m

response 71493

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	56.10
101.00	37.50	27.26#
0.00	0.00	0.00

SV 6/3/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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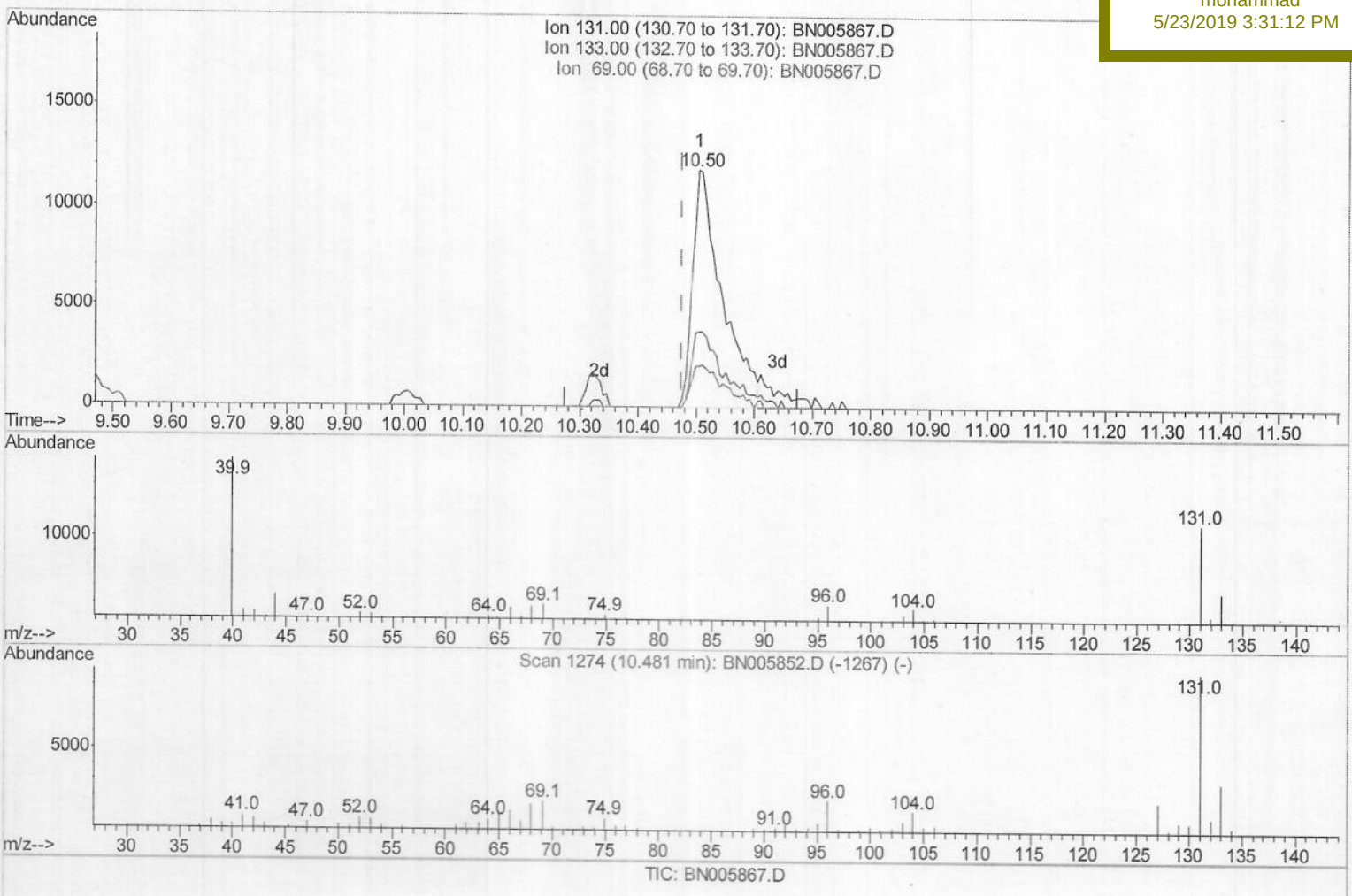
Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

(29) 4-Chloroaniline-d4 (S)

10.505min (+0.029) 6.29ng/ul

response 41608

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	31.68
69.00	18.90	17.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
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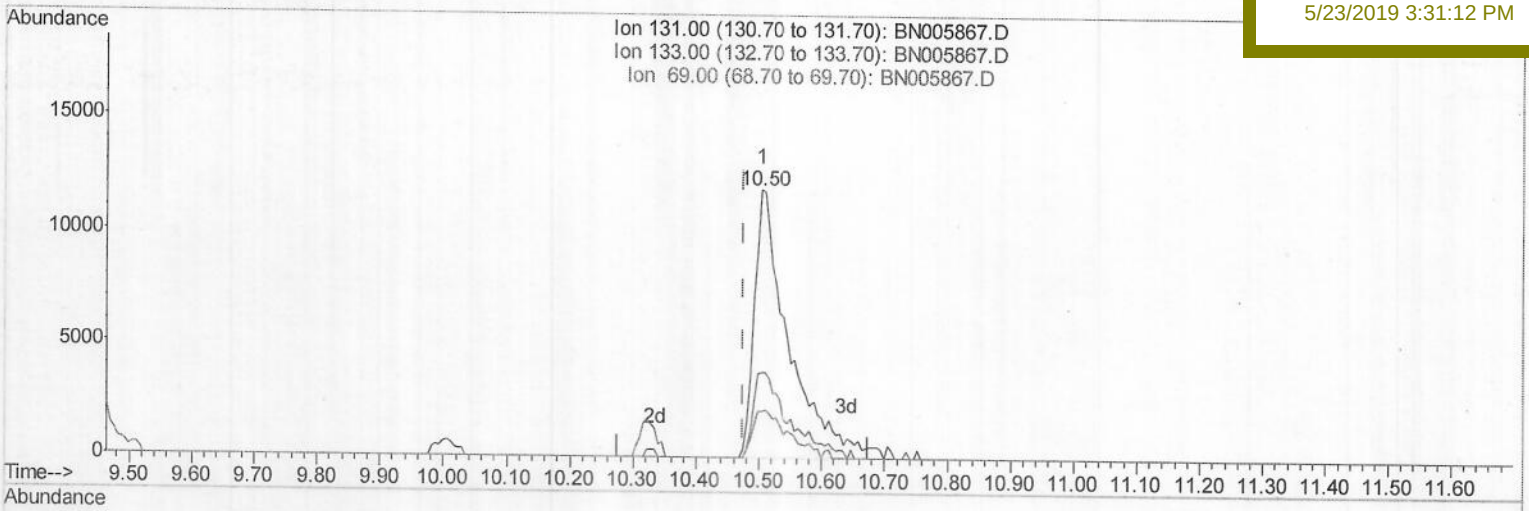
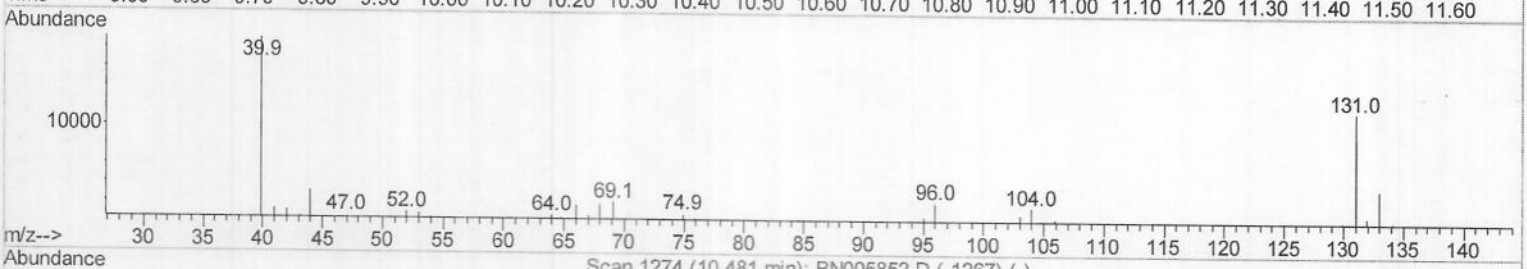
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

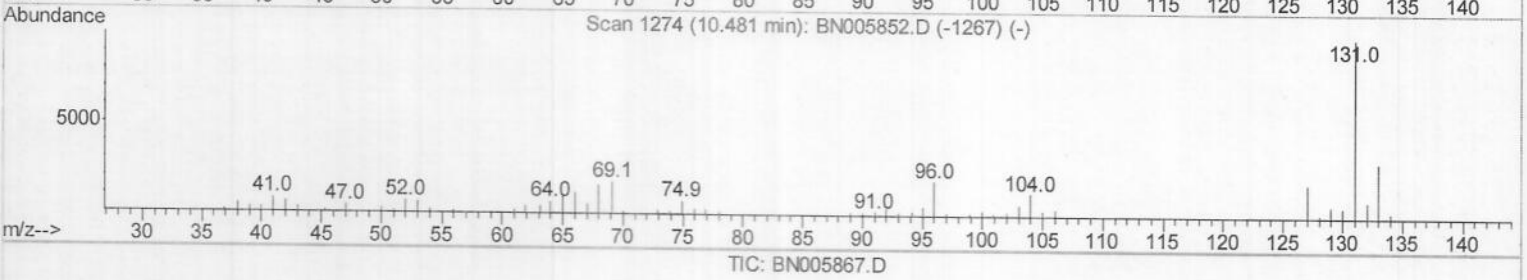
Quant Time: May 23 05:08:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM







(29) 4-Chloroaniline-d4 (S)

10.505min (+0.029) 6.89ng/ul m

response 45583

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	31.68
69.00	18.90	17.29
0.00	0.00	0.00

JU 6/3/19

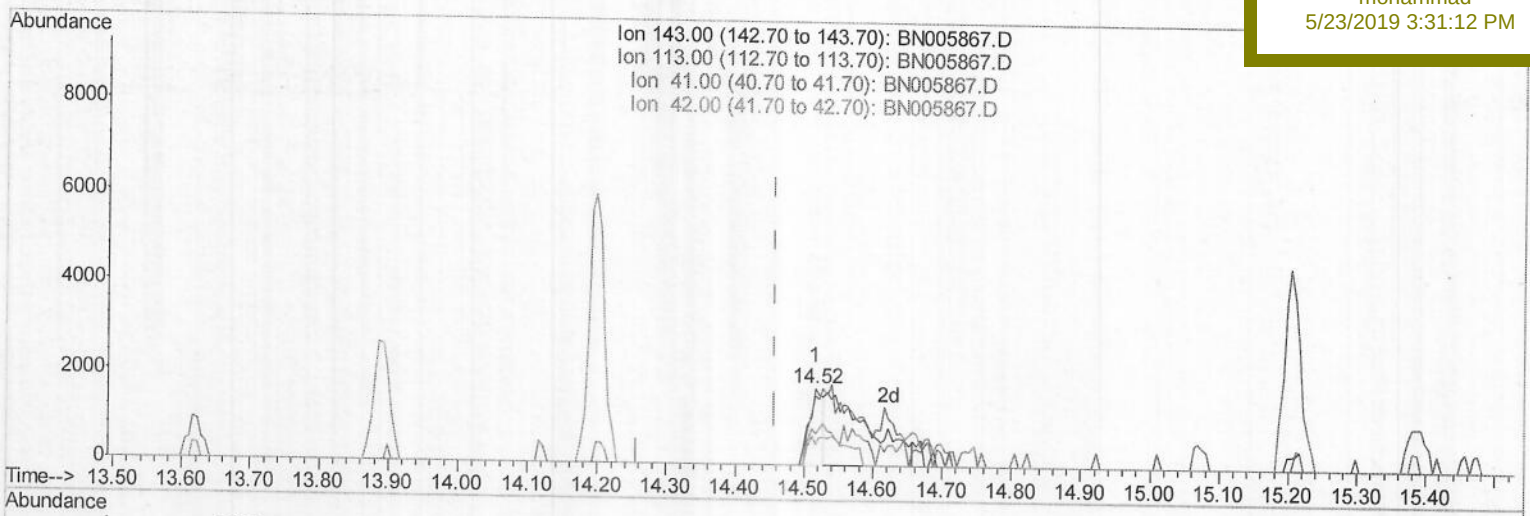
Quantitation Report (Qedit)

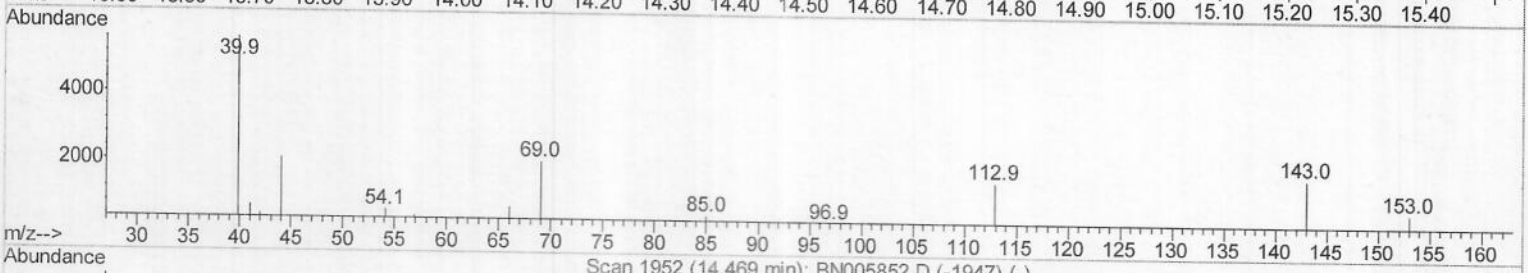
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

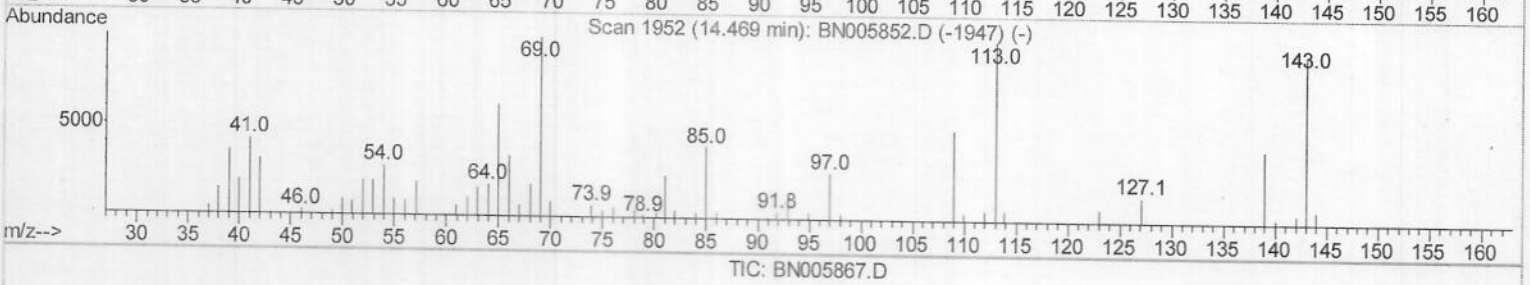
Quant Time: May 23 05:08:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM







TIC: BN005867.D

(51) 4-Nitrophenol-d4 (S)

14.516min (+0.059) 0.88ng/ul

response 2521

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	90.29
41.00	47.90	40.93
42.00	31.70	27.09

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 05:08:43 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
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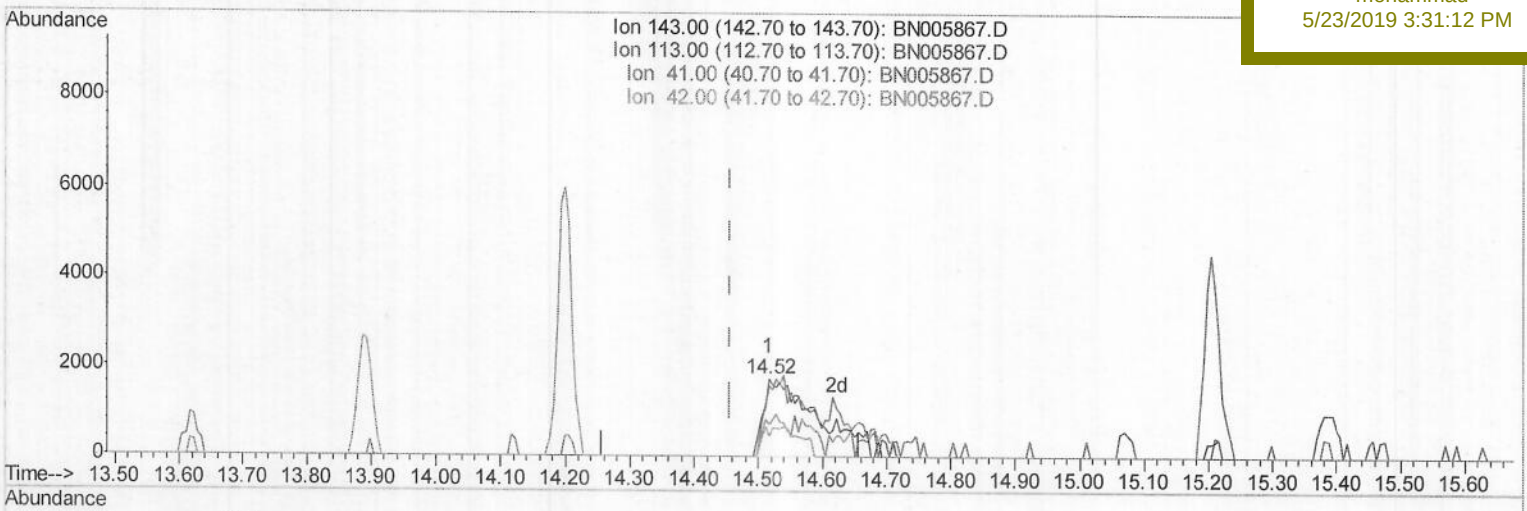
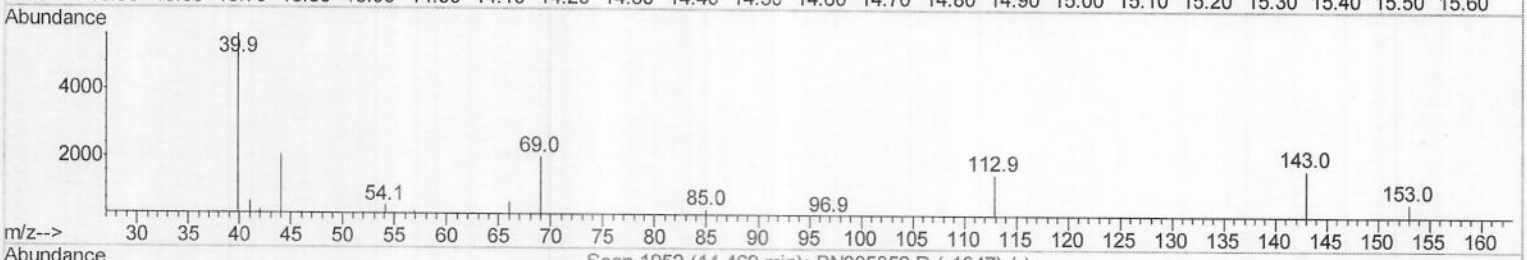
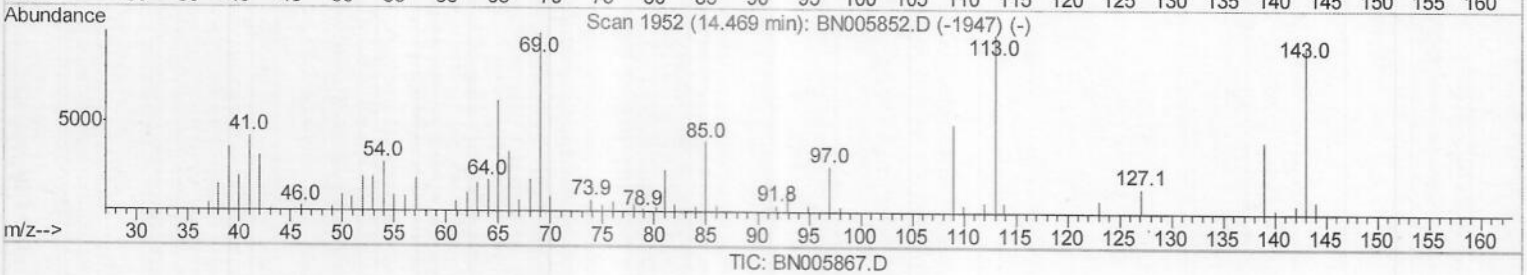
Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM







TIC: BN005867.D

(51) 4-Nitrophenol-d4 (S)

14.516min (+0.059) 3.49ng/ul m

response 9958

JU 6/3/19

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	90.29
41.00	47.90	40.93
42.00	31.70	27.09

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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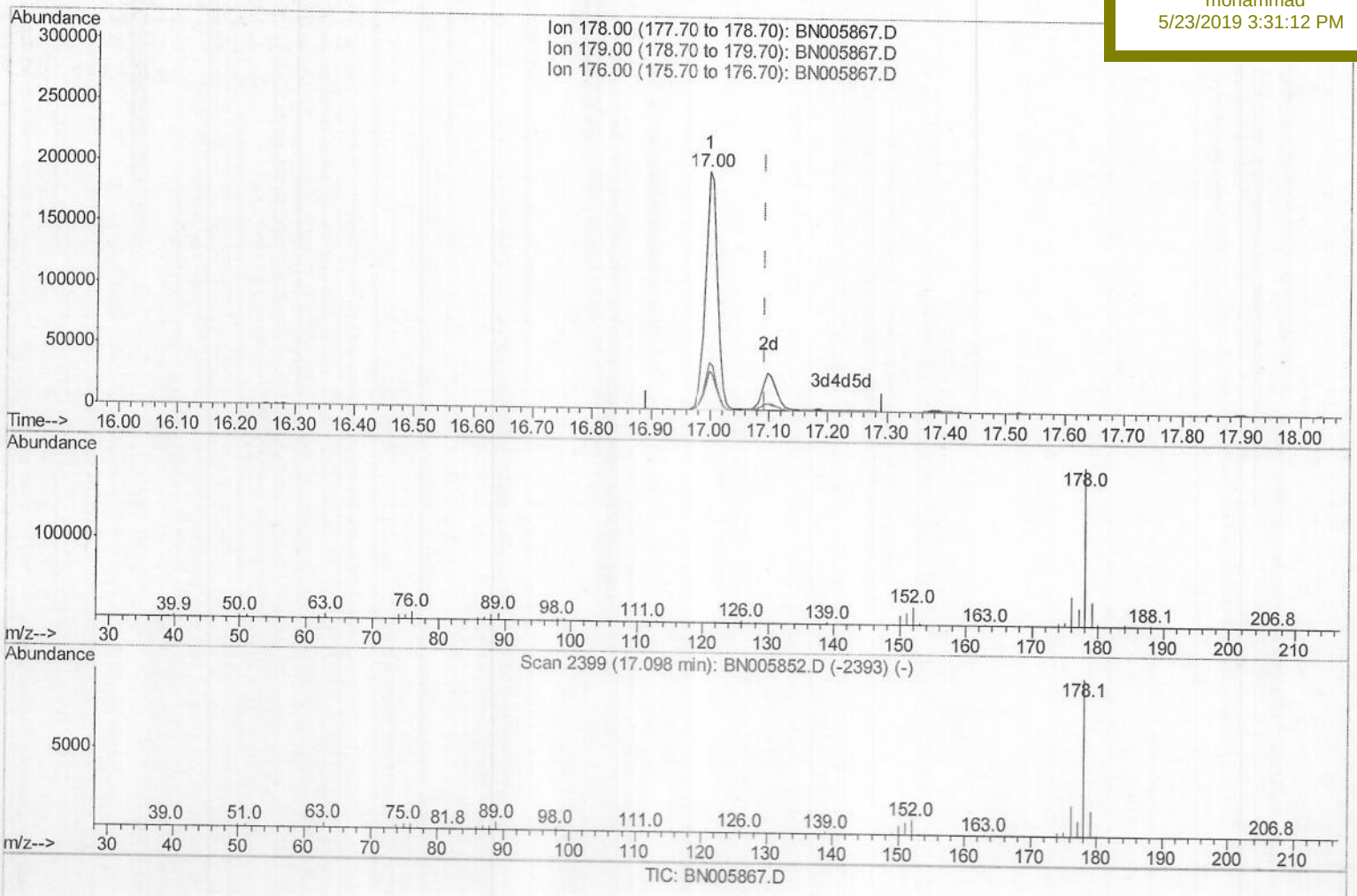
Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

(71) Anthracene

16.998min (-0.094) 7.83ng/ul

response 280223

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.86
176.00	18.90	19.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
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Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
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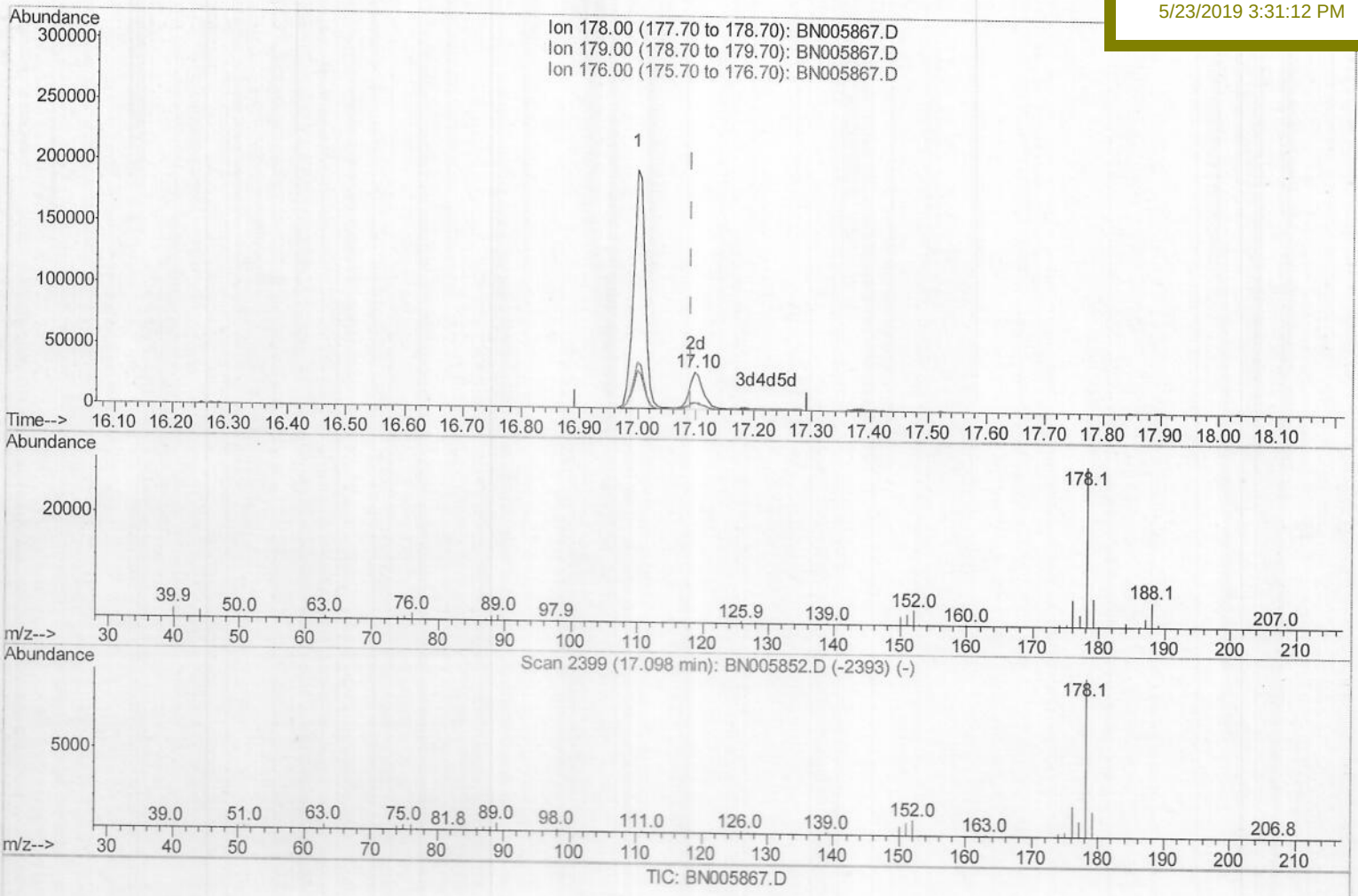
Instrument :
BNA_N
ClientSampleId :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

(71) Anthracene

17.098min (+0.006) 1.48ng/ul m

response 52874

JU 6/3/19

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	18.78#
176.00	18.90	17.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
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BNA_N
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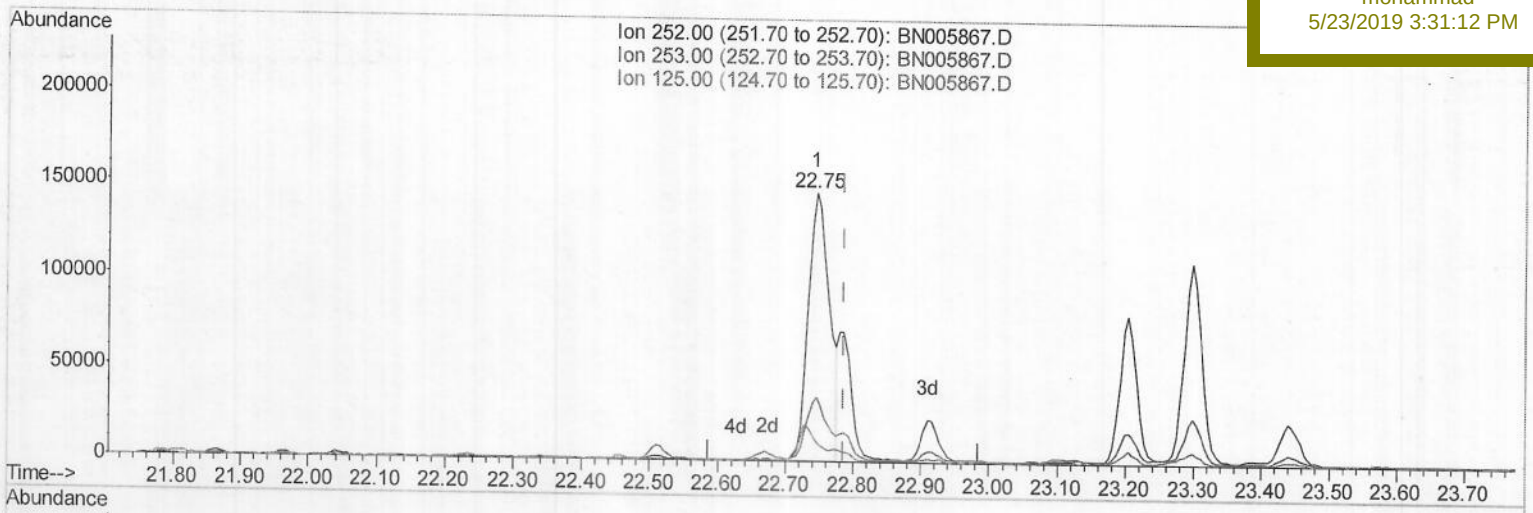
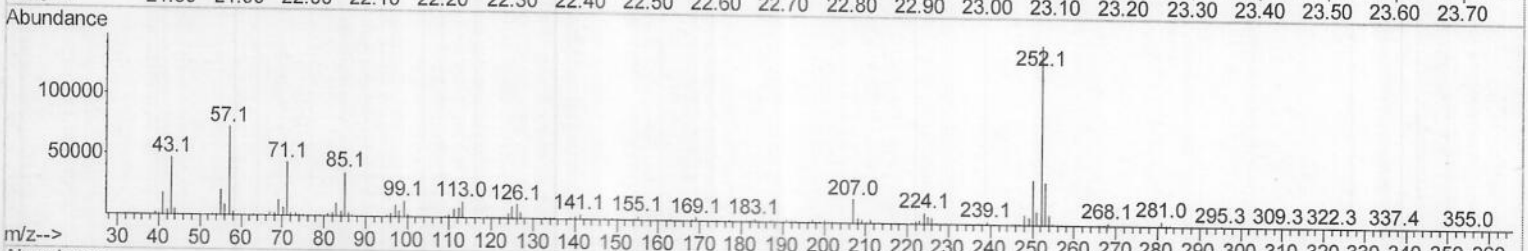
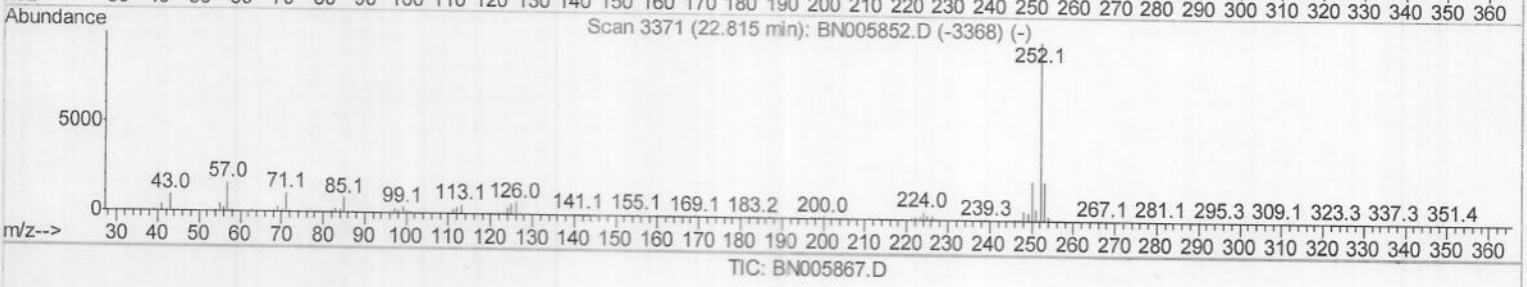
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM







TIC: BN005867.D

(88) Benzo(k)fluoranthene

22.745min (-0.041) 5.95ng/ul

response 317915

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.17
125.00	9.40	7.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
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Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 06:43:10 2019
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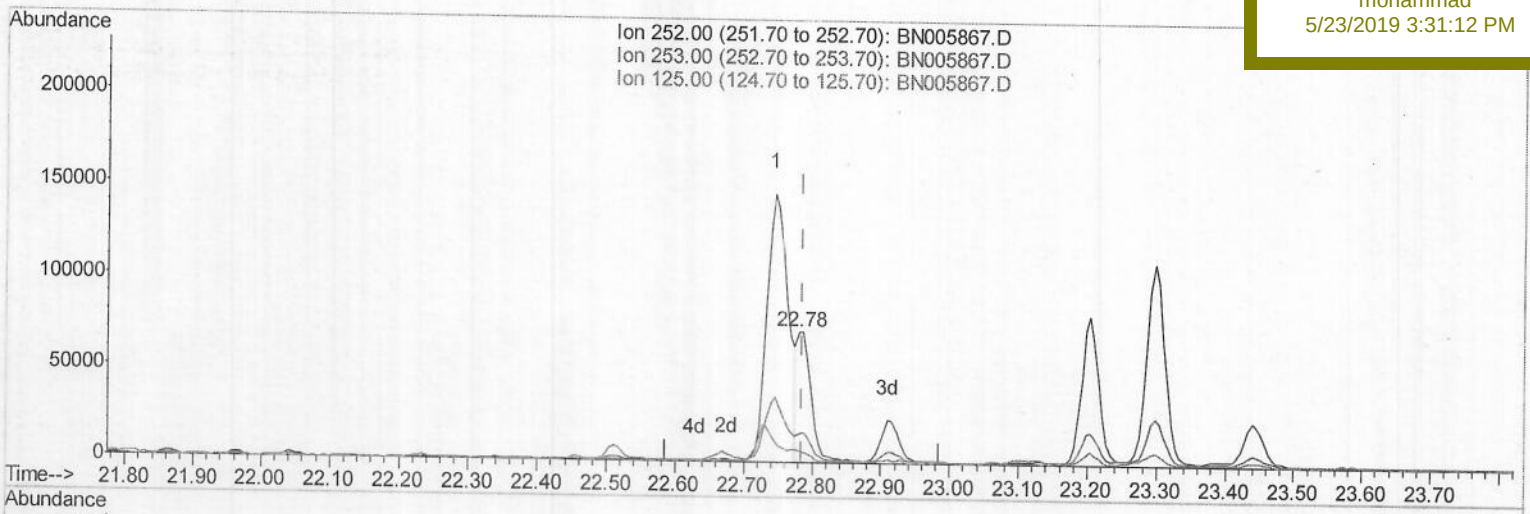
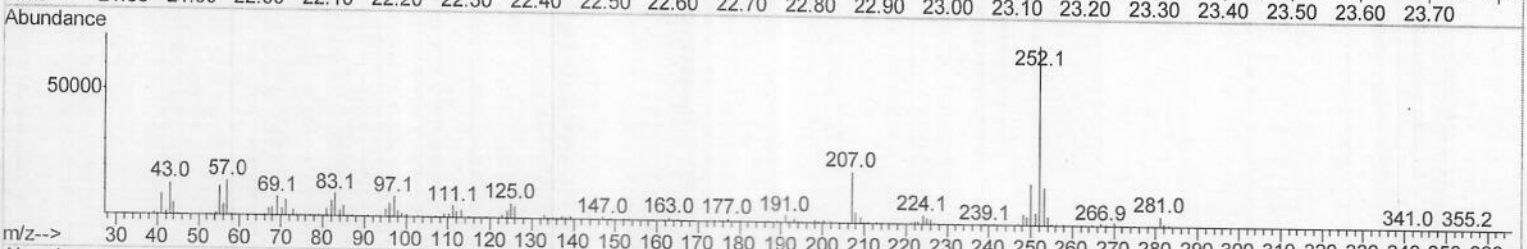
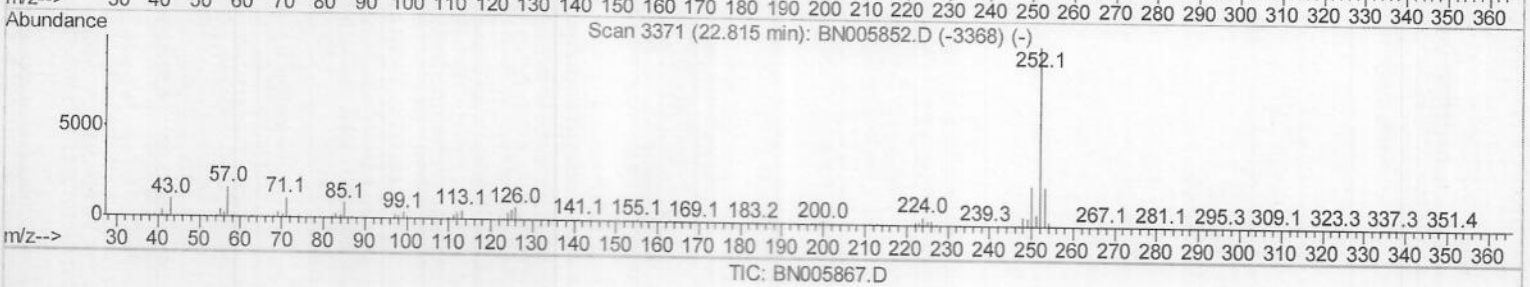
Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM







TIC: BN005867.D

(88) Benzo(k)fluoranthene

22.780min (-0.006) 1.75ng/ul m

response 93536

JU 6/3/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.80
125.00	9.40	8.80
0.00	0.00	0.00

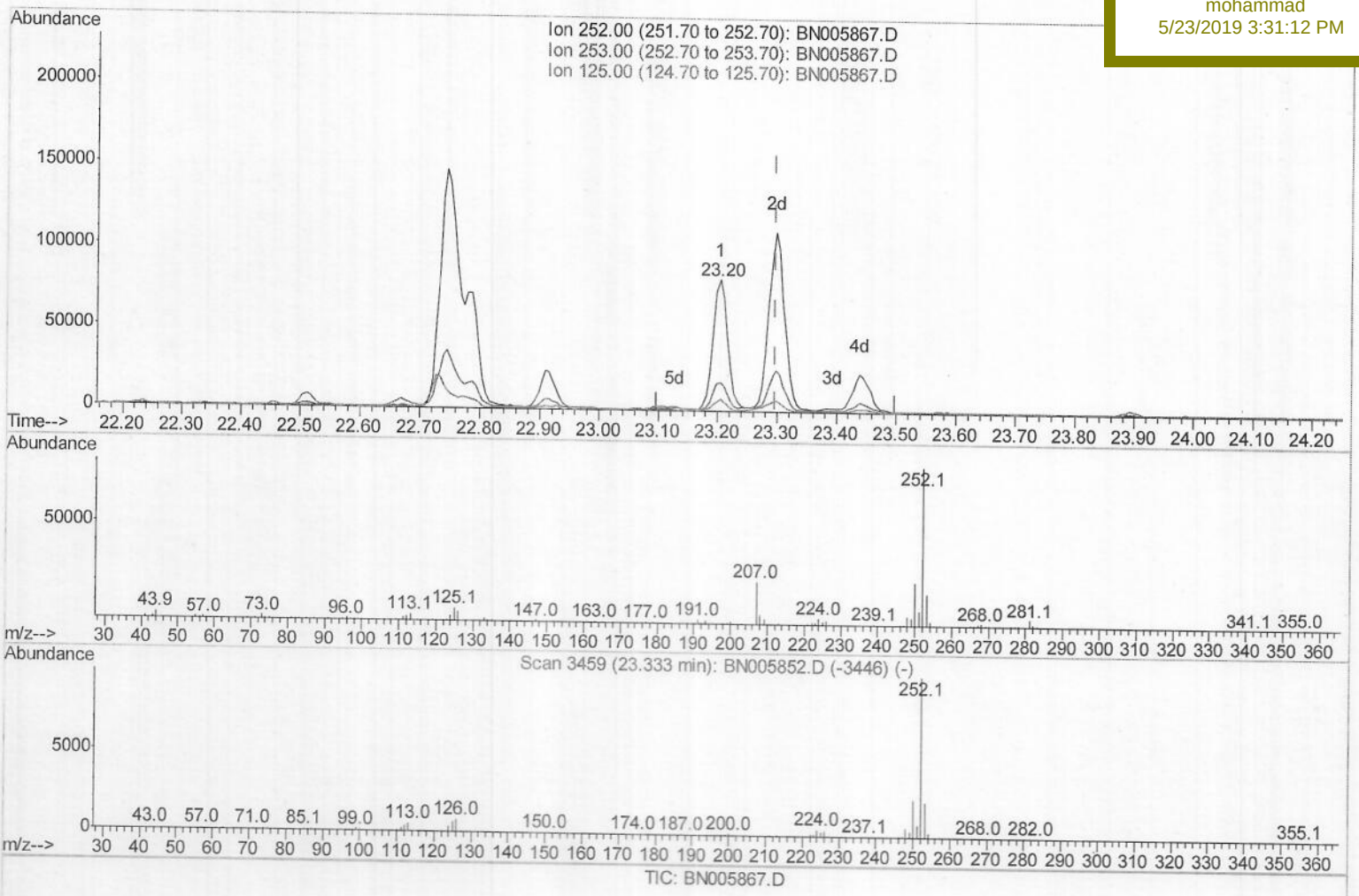
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 06:43:10 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 :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



TIC: BN005867.D

(90) Benzo(a)pyrene (C)

23.204min (-0.094) 2.62ng/ul

response 139826

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.10
125.00	10.80	8.65
0.00	0.00	0.00

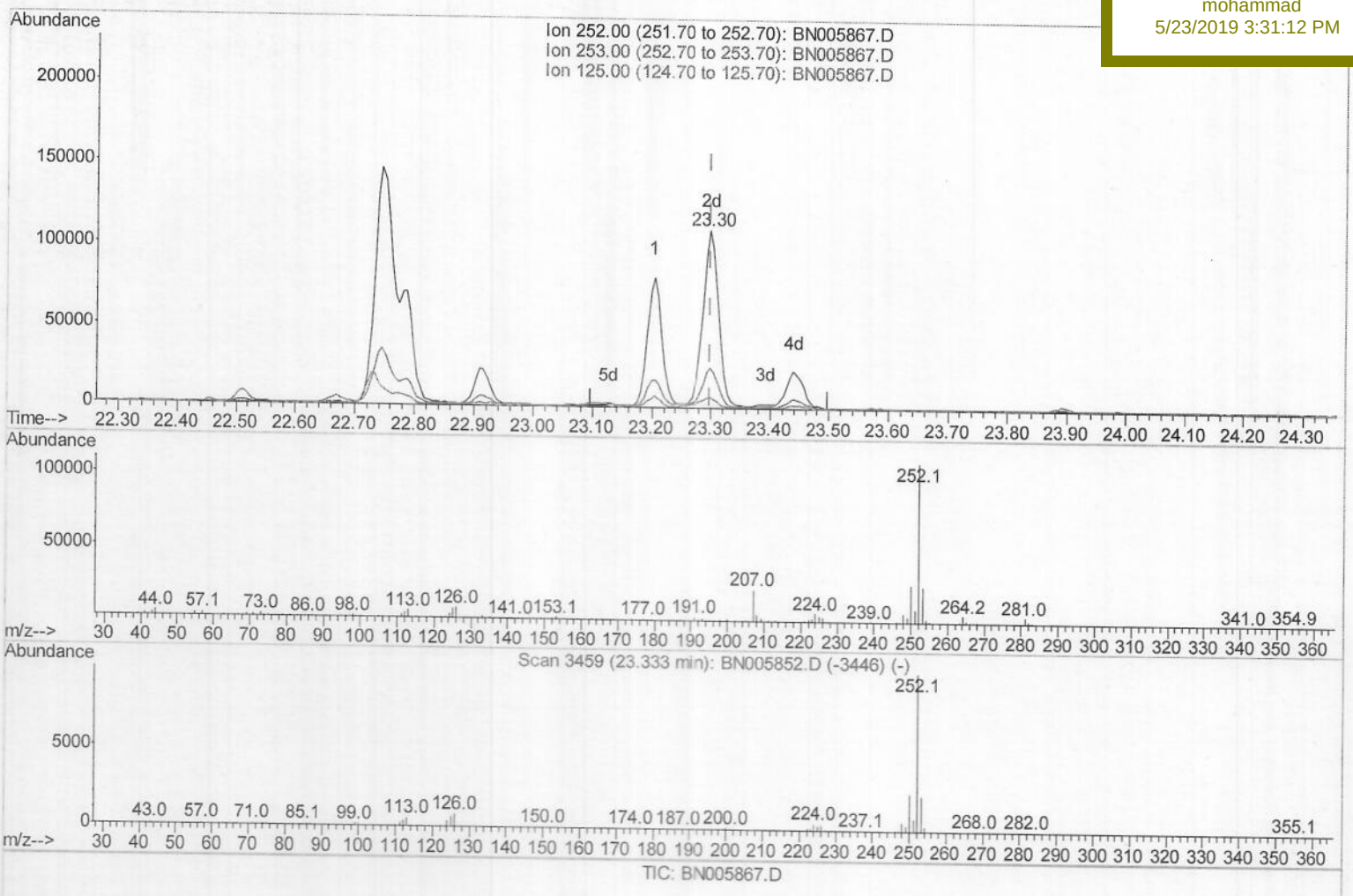
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 06:43:10 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 :
A42F5

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:12 PM



(90) Benzo(a)pyrene (C)

23.298min (+0.000) 3.71ng/ul m

response 198222

JU 6/3/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.11
125.00	10.80	6.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 06:45:12 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 : A42F5

Manual Integrations APPROVED
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5/23/2019 3:31:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	84316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	372616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	263613	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	708769	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	872394	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1003140	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4586m	3.04	ng/uL	0.00
5) Phenol-d5	6.76	99	70586	10.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	49222	14.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	67017	12.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	52381	9.40	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	34954	12.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	35355	11.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	71493m	11.99	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	45583m	6.89	ng/ul	0.03
43) Dimethylphthalate-d6	13.62	166	294653	14.53	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	338619	13.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	9958m	3.49	ng/ul	0.06
57) Fluorene-d10	15.20	176	264018	15.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	17709	4.16	ng/ul	0.02
70) Anthracene-d10	17.06	188	420027	13.72	ng/ul	0.00
78) Pyrene-d10	19.37	212	546732	12.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	602868	13.40	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.74	77	7421m	1.573	ng/ul	
44) Dimethylphthalate	13.67	163	68764	3.438	ng/ul	100
69) Phenanthrene	17.00	178	280223	7.976	ng/ul	99
71) Anthracene	17.10	178	52874m	1.478	ng/ul	
76) Fluoranthene	19.04	202	459955	10.589	ng/ul#	88
79) Pyrene	19.40	202	409760	7.649	ng/ul#	86
82) Benzo(a)anthracene	21.17	228	234537	4.267	ng/ul	98
84) Chrysene	21.23	228	240469	4.641	ng/ul	99
87) Benzo(b)fluoranthene	22.75	252	317915	5.761	ng/ul#	94
88) Benzo(k)fluoranthene	22.78	252	93536m	1.752	ng/ul	
90) Benzo(a)pyrene	23.30	252	198222m	3.709	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	124726	1.909	ng/ul#	87
93) Benzo(g,h,i)perylene	26.26	276	102448	1.876	ng/ul#	90

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

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