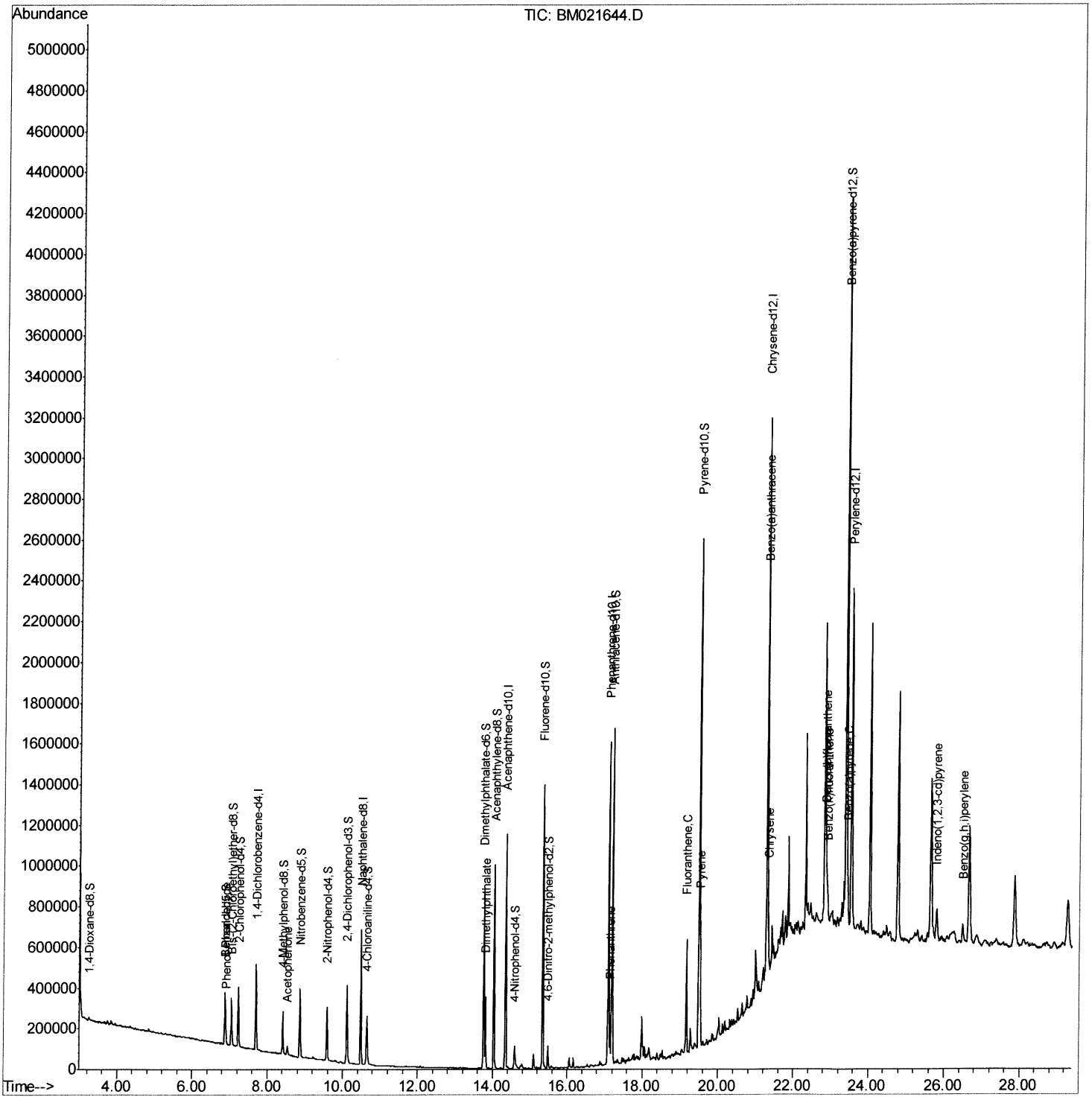
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072519\
Data File : BM021644.D
Acq On : 25 Jul 2019 19:51
Operator : HP/JU
Sample : K3850-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 26 01:21:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR6

Manual Integrations APPROVED
mohammad
7/26/2019 3:24:08 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072519\
Data File : BM021642.D
Acq On : 25 Jul 2019 18:38
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 25 19:11:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR6

Manual Integrations APPROVED
mohammad
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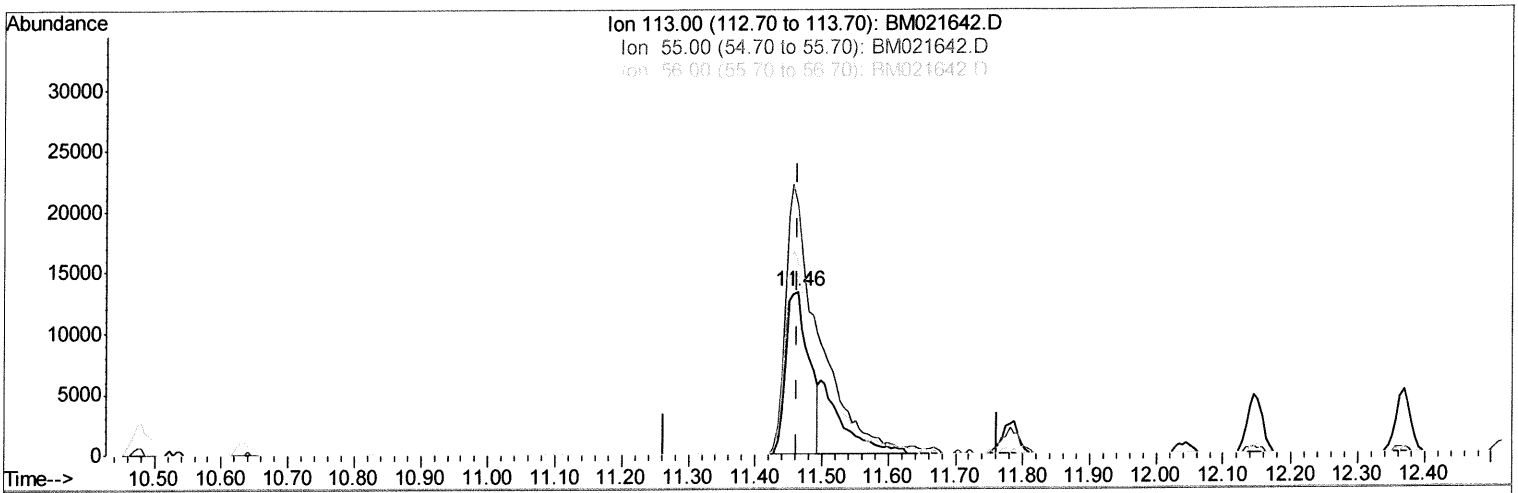

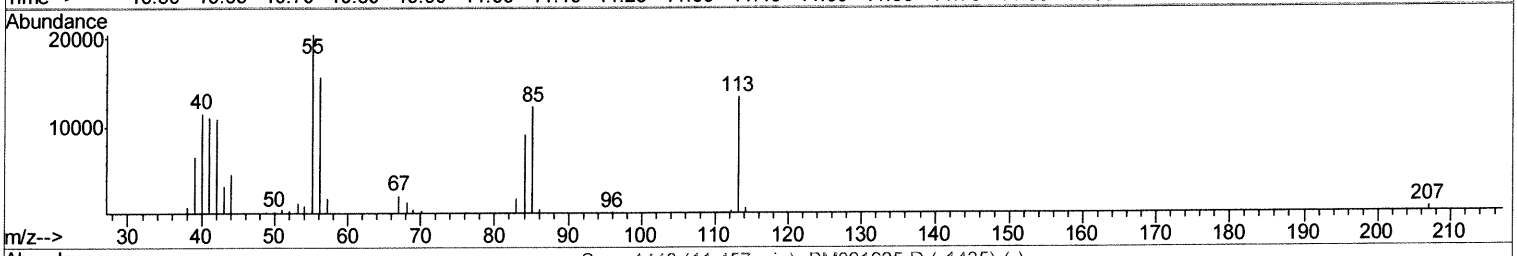

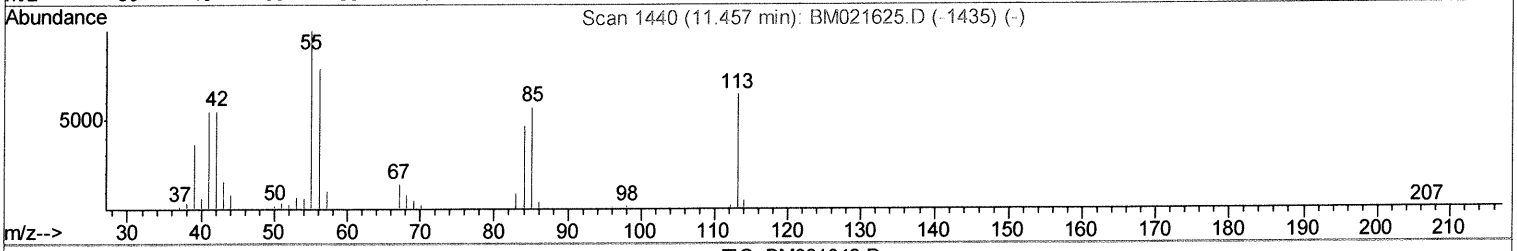

TIC: BM021642.D

(32) Caprolactam

11.463min (+0.000) 15.13ng/ul

response 32026

Ion	Exp%	Act%
113.00	100	100
55.00	162.00	152.49
56.00	119.40	116.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
ClientSampleId :
BENR6

Manual Integrations APPROVED
mohammad
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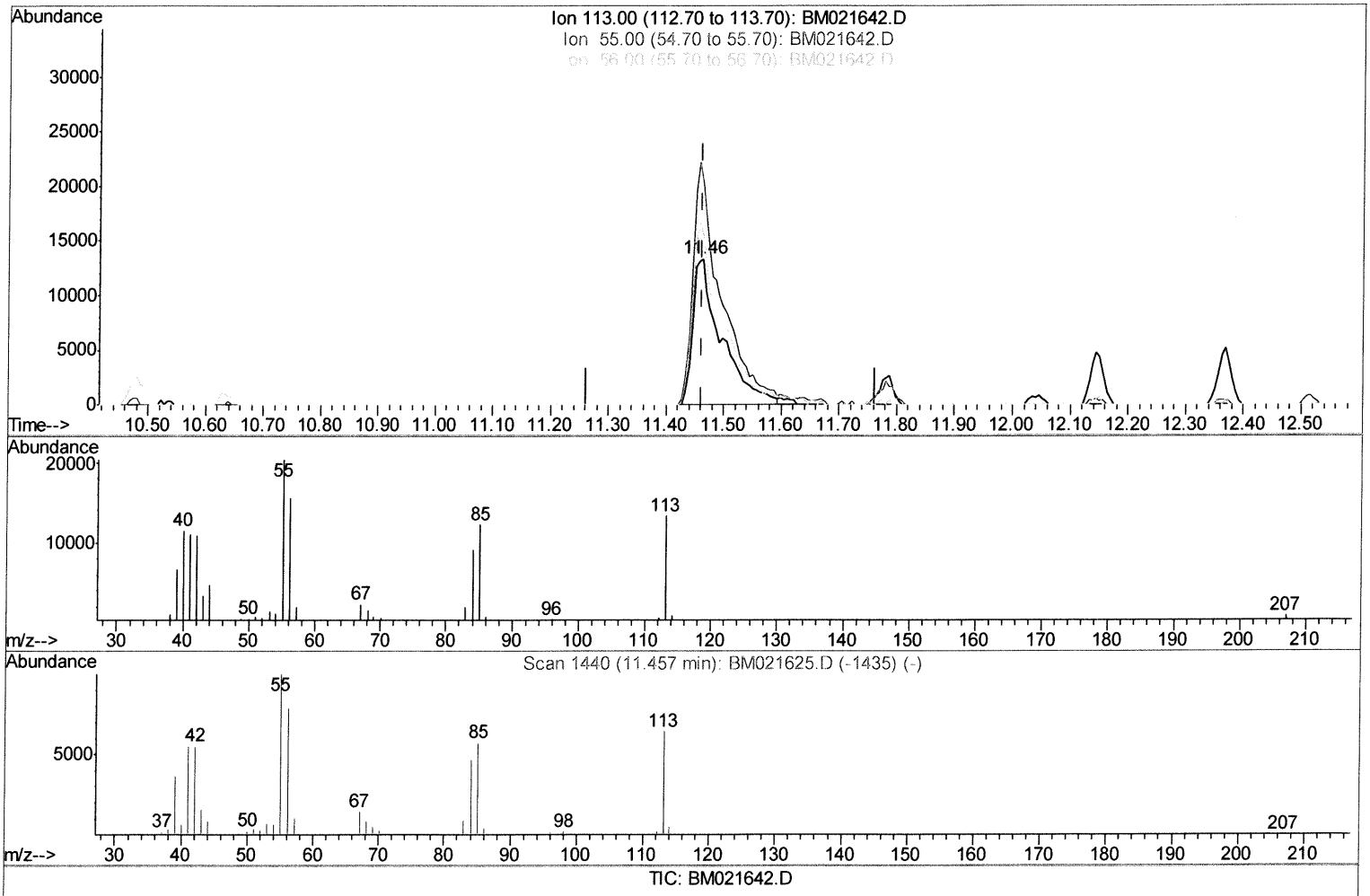

TIC: BM021642.D

(32) Caprolactam

11.463min (+0.000) 21.82ng/ul m JU 07/26/19

response 46180

Ion	Exp%	Act%
113.00	100	100
55.00	162.00	152.49
56.00	119.40	116.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072519\
Data File : BM021644.D
Acq On : 25 Jul 2019 19:51
Operator : HP/JU
Sample : K3850-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 26 01:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR6

Manual Integrations APPROVED
mohammad
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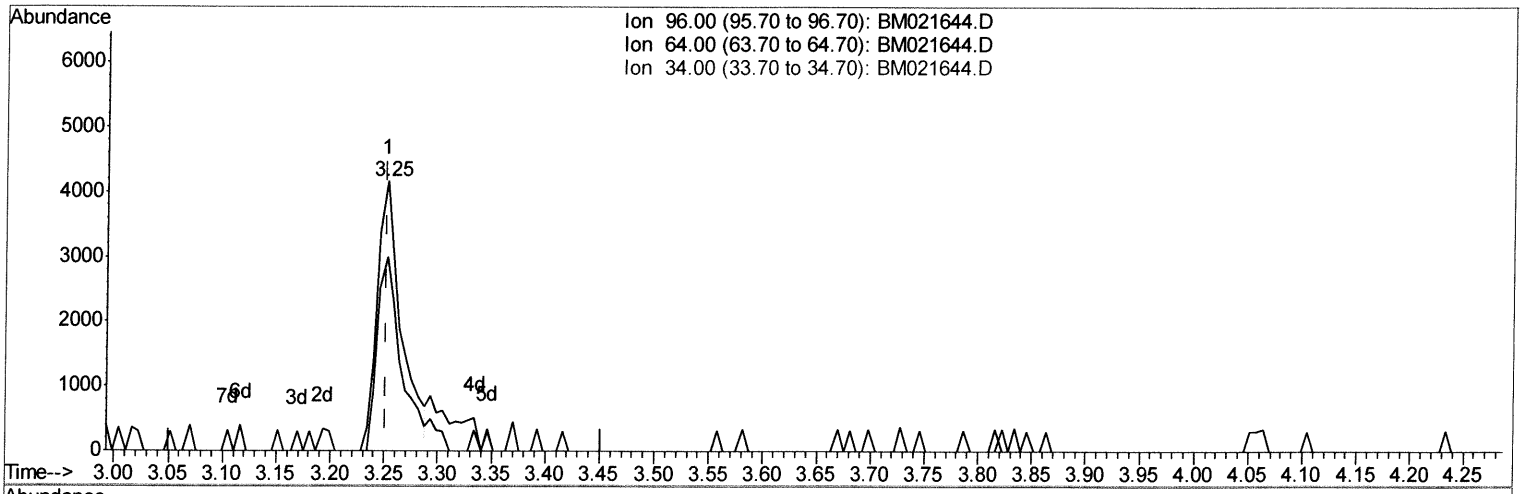

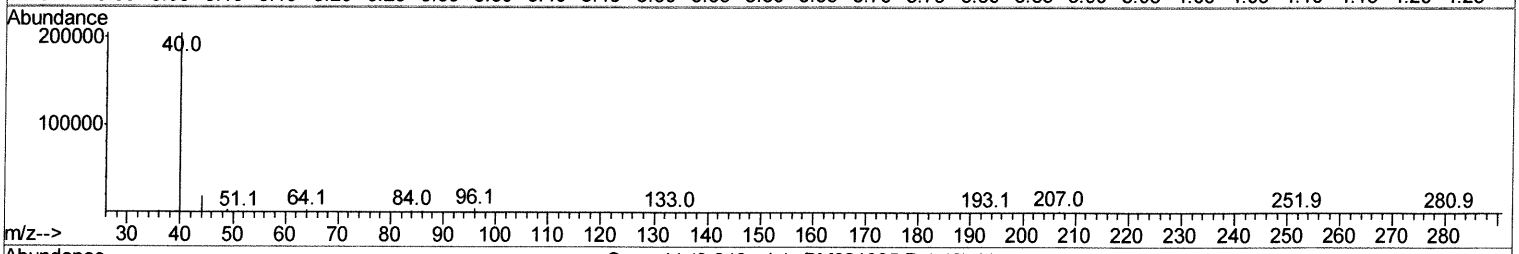

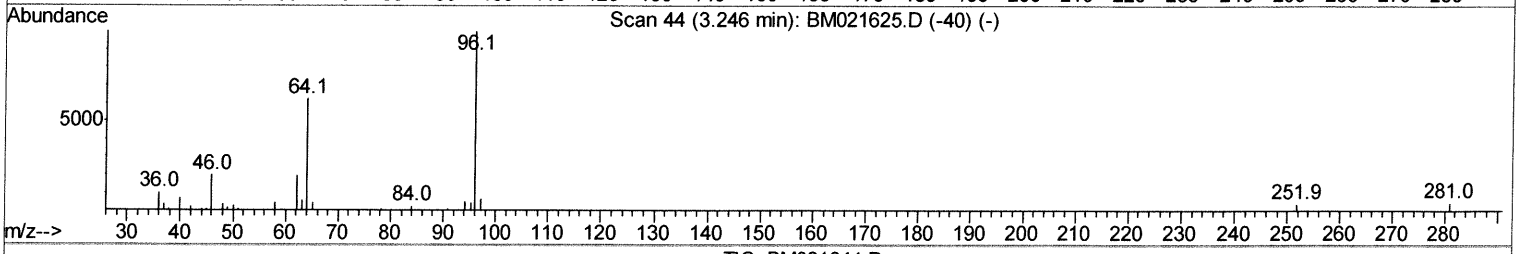

TIC: BM021644.D

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

3.252min (-0.000) 2.99ng/uL

response 6446

Ion	Exp%	Act%
96.00	100	100
64.00	67.90	71.88
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072519\
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Acq On : 25 Jul 2019 19:51
Operator : HP/JU
Sample : K3850-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 26 01:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
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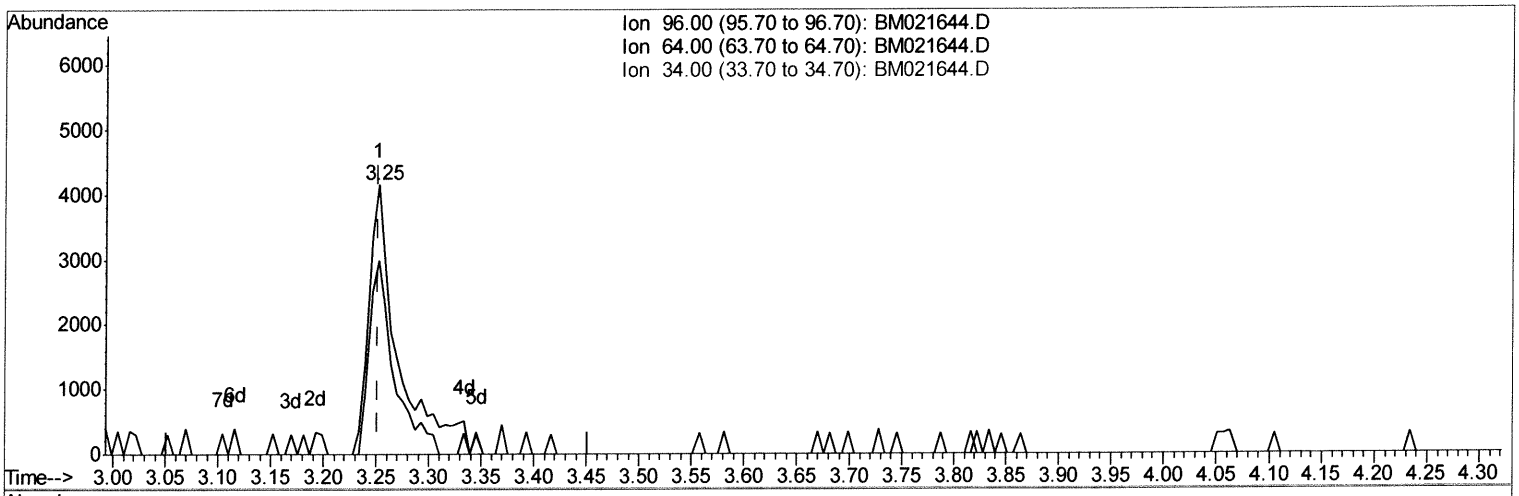
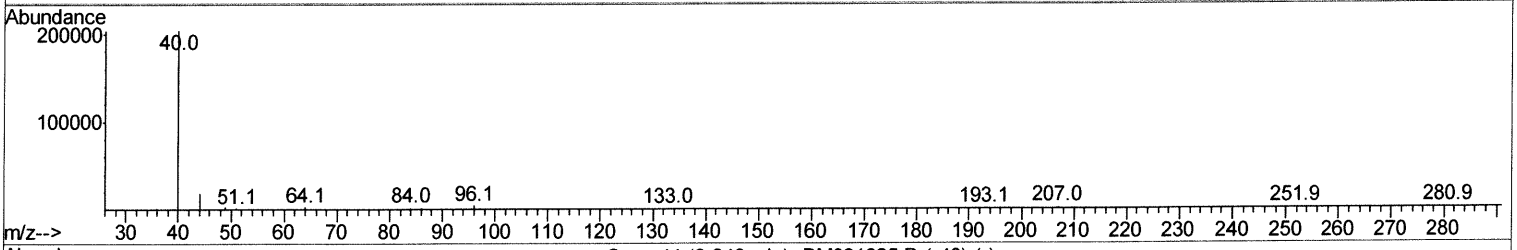
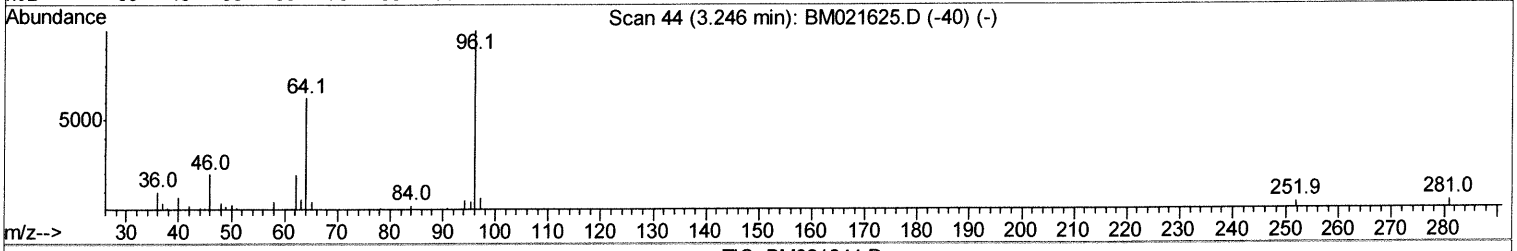
Instrument :
BNA_M
ClientSampleId :
BENR6

Manual Integrations APPROVED
mohammad
7/26/2019 3:24:08 PM







TIC: BM021644.D

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

3.252min (-0.000) 3.54ng/uL m JU 07/26/19

response 7634

Ion	Exp%	Act%
96.00	100	100
64.00	67.90	71.88
34.00	0.00	0.00
0.00	0.00	0.00

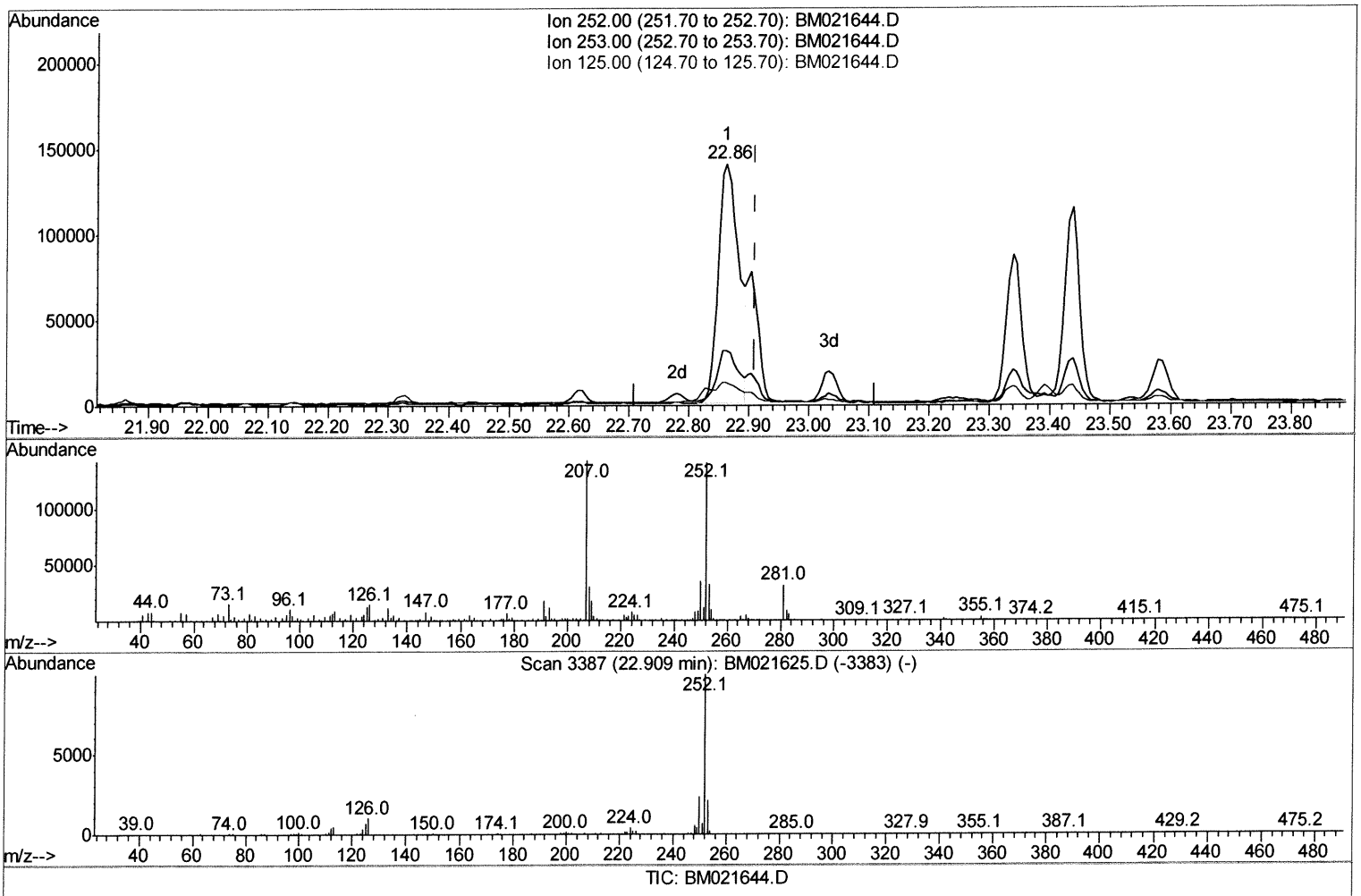
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072519\
Data File : BM021644.D
Acq On : 25 Jul 2019 19:51
Operator : HP/JU
Sample : K3850-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 26 01:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR6

Manual Integrations APPROVED
mohammad
7/26/2019 3:24:08 PM



TIC: BM021644.D

(88) Benzo(k)fluoranthene

22.862min (-0.047) 4.56ng/ul

response 329038

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.73
125.00	8.00	9.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072519\
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Manual Integrations APPROVED
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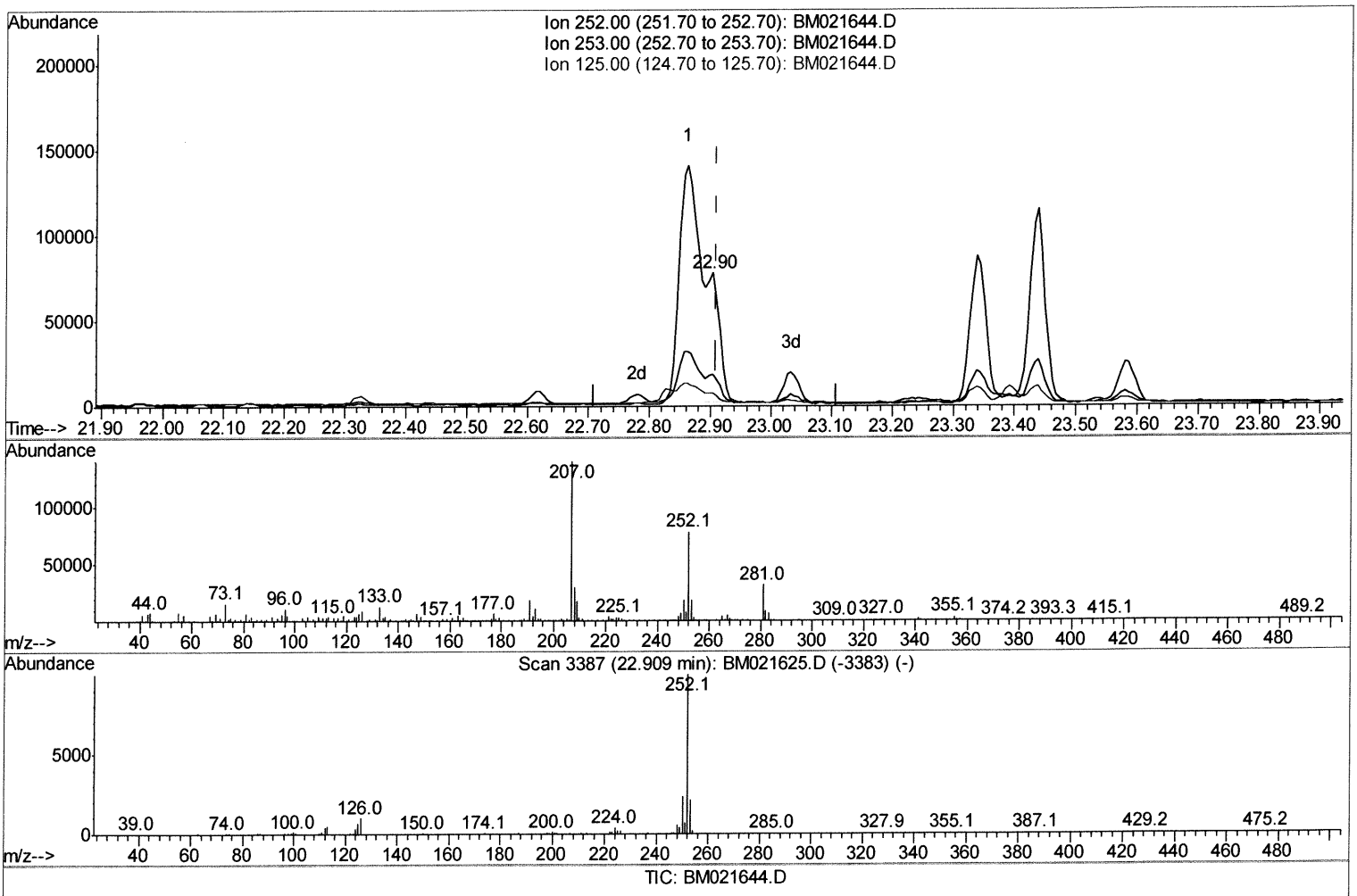
7/26/2019 3:24:08 PM



(88) Benzo(k)fluoranthene

22.903min (-0.006) 1.37ng/ul m JU 07/26/19

response 98625

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.73
125.00	8.00	9.48
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072519\
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Acq On : 25 Jul 2019 19:51
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Manual Integrations APPROVED
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7/26/2019 3:24:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	117414	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	533783	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	375226	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	896949	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1114915	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1217847	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	7634m>	3.54	ng/uL	0.00
5) Phenol-d5	6.87	99	147607	14.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	107594	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	130846	16.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	84963	9.99	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	77963	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	84750	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	161463	17.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	150944	16.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	606436	18.86	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	696911	17.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	32461	5.89	ng/ul	0.01
57) Fluorene-d10	15.34	176	561677	19.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	24743	4.40	ng/ul	0.00
70) Anthracene-d10	17.19	188	945645	21.43	ng/ul	0.00
78) Pyrene-d10	19.49	212	1272132	23.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1502278	23.10	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.86	77	5771	1.375	ng/ul#	84
6) Phenol	6.90	94	11760	1.227	ng/ul	93
14) Acetophenone	8.53	105	25307	1.982	ng/ul	96
44) Dimethylphthalate	13.81	163	234741	7.606	ng/ul	99
69) Phenanthrene	17.14	178	105917	2.164	ng/ul	97
76) Fluoranthene	19.16	202	329935	5.439	ng/ul	99
79) Pyrene	19.52	202	321287	4.838	ng/ul	99
82) Benzo(a)anthracene	21.27	228	183801	2.515	ng/ul	99
84) Chrysene	21.33	228	219893	3.155	ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	329038	4.469	ng/ul#	97
88) Benzo(k)fluoranthene	22.90	252	98625m>	1.365	ng/ul	
90) Benzo(a)pyrene	23.44	252	199419	2.821	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.79	276	138609	1.614	ng/ul	98
93) Benzo(g,h,i)perylene	26.49	276	133033	1.913	ng/ul	99

JU 07/26/19

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