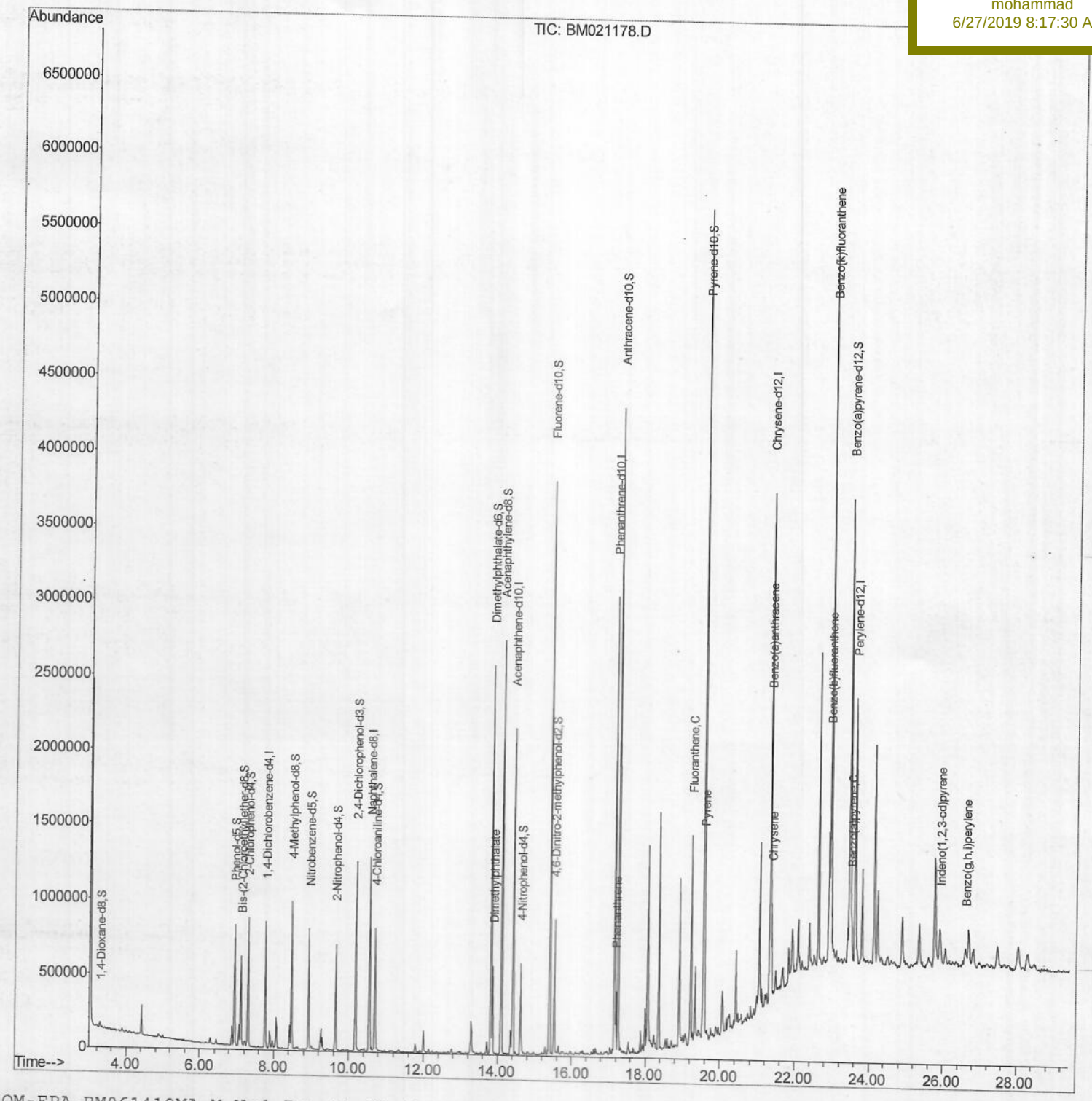
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 03:50:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5AA8

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:30 AM



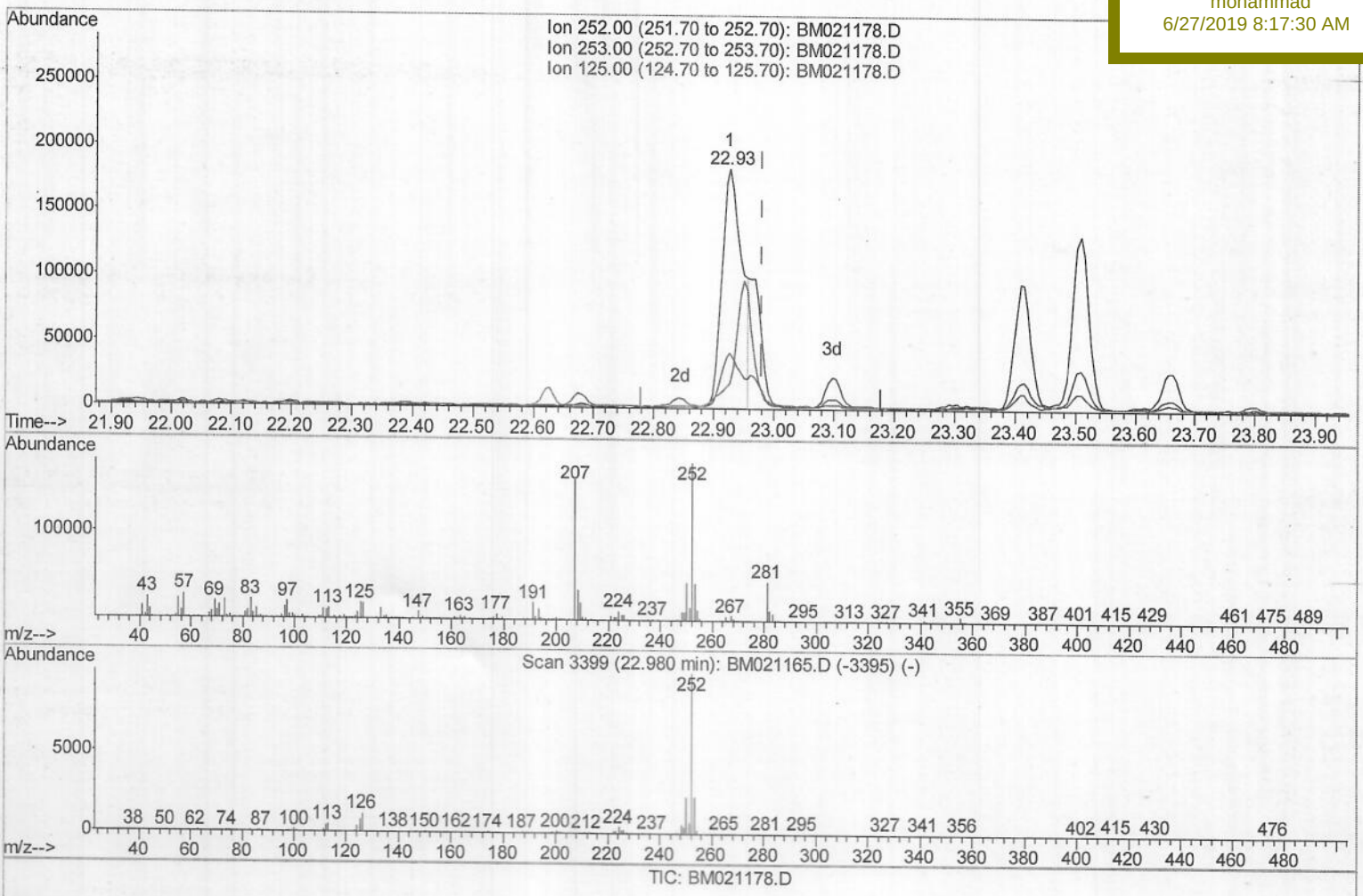
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 03:48:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5AA8

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:30 AM



TIC: BM021178.D

(88) Benzo(k)fluoranthene

22.927min (-0.053) 5.11ng/ul

response 426477

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.31
125.00	8.20	10.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

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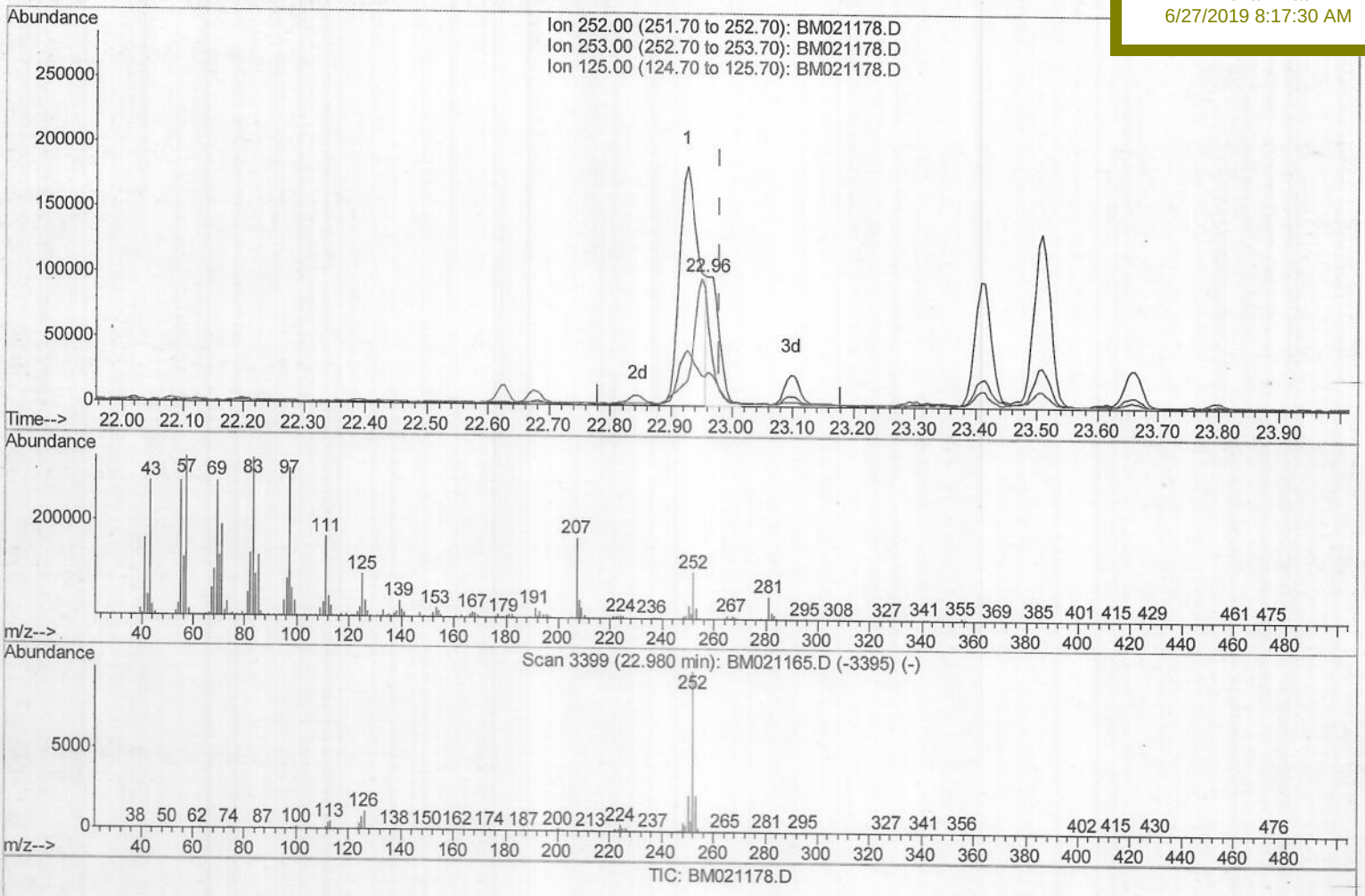
C5AA8

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:30 AM



TIC: BM021178.D

(88) Benzo(k)fluoranthene

22.956min (-0.024) 1.64ng/ul m > JU 06/27/19

response 136779

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.18
125.00	8.20	90.82#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 03:50:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C5AA8

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	236077	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1076496	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	726660	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1765605	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1439584	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1370532	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	18833	3.79	ng/uL	0.00
5) Phenol-d5	6.94	99	476165	23.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	270062	22.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	389839	23.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	367588	21.43	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	203061	23.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	240606	24.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	501536	25.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	488502	23.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1736572	26.45	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1977015	24.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	180958	16.94	ng/ul	0.00
57) Fluorene-d10	15.40	176	1489354	26.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	184179	16.97	ng/ul	0.00
70) Anthracene-d10	17.26	188	2449340	26.70	ng/ul	0.00
78) Pyrene-d10	19.55	212	2647299	30.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2182915	27.00	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.87	163	377115	6.309	ng/ul	99
69) Phenanthrene	17.20	178	241514	2.473	ng/ul	99
76) Fluoranthene	19.22	202	745401	7.065	ng/ul	99
79) Pyrene	19.58	202	618443	6.077	ng/ul	99
82) Benzo(a)anthracene	21.32	228	309101	3.149	ng/ul	98
84) Chrysene	21.37	228	336387	3.660	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	426477	4.912	ng/ul#	96
88) Benzo(k)fluoranthene	22.96	252	136779m	1.638	ng/ul	
90) Benzo(a)pyrene	23.51	252	250995	3.072	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	178430	1.854	ng/ul	97
93) Benzo(g,h,i)perylene	26.60	276	153553	1.938	ng/ul	98

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

JU 06/27/19