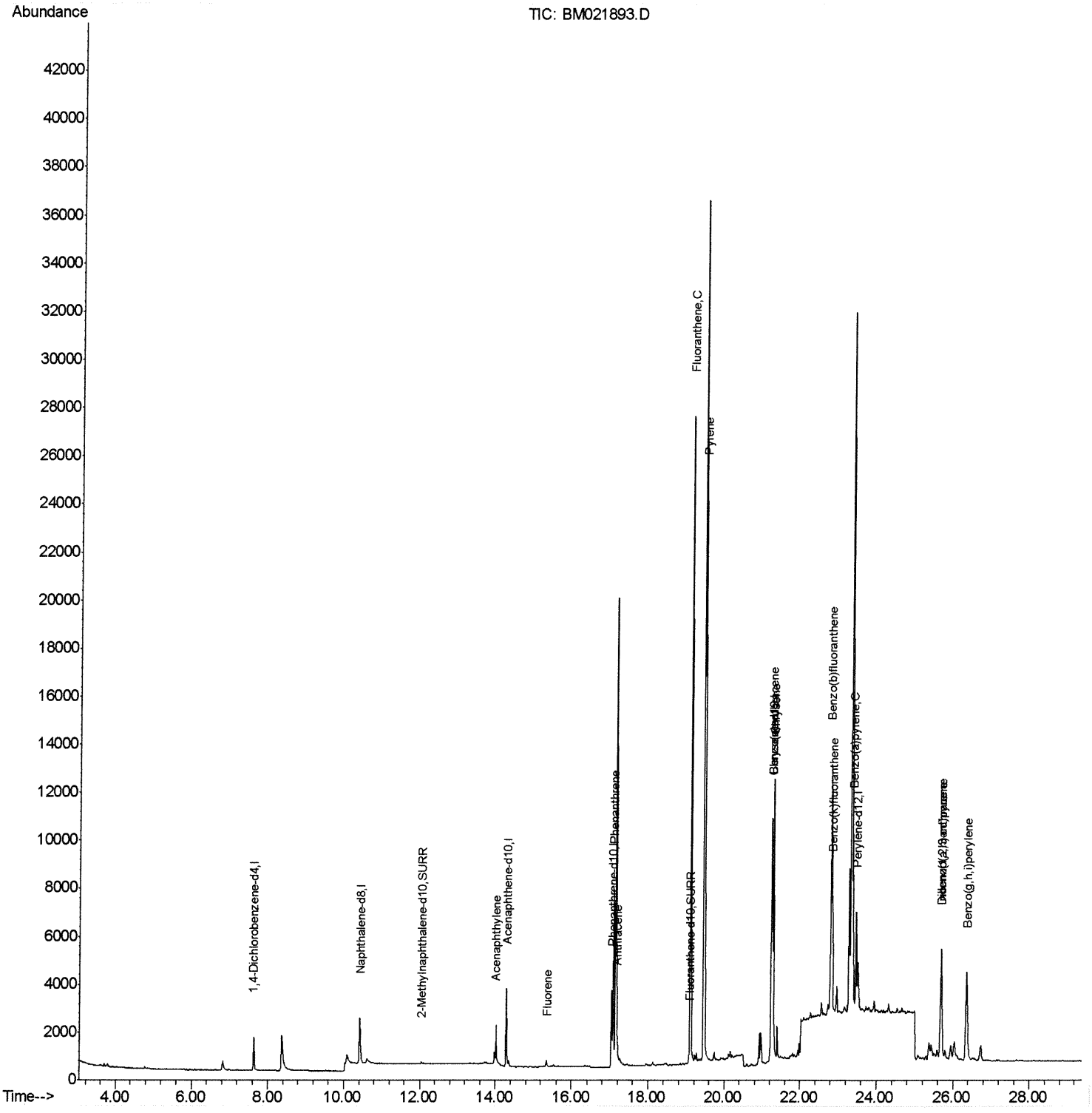
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021893.D
Acq On : 07 Aug 2019 13:23
Operator : HP/JU
Sample : K3922-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 15:16:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A52F0DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:26 PM



Quantitation Report (Qedit)

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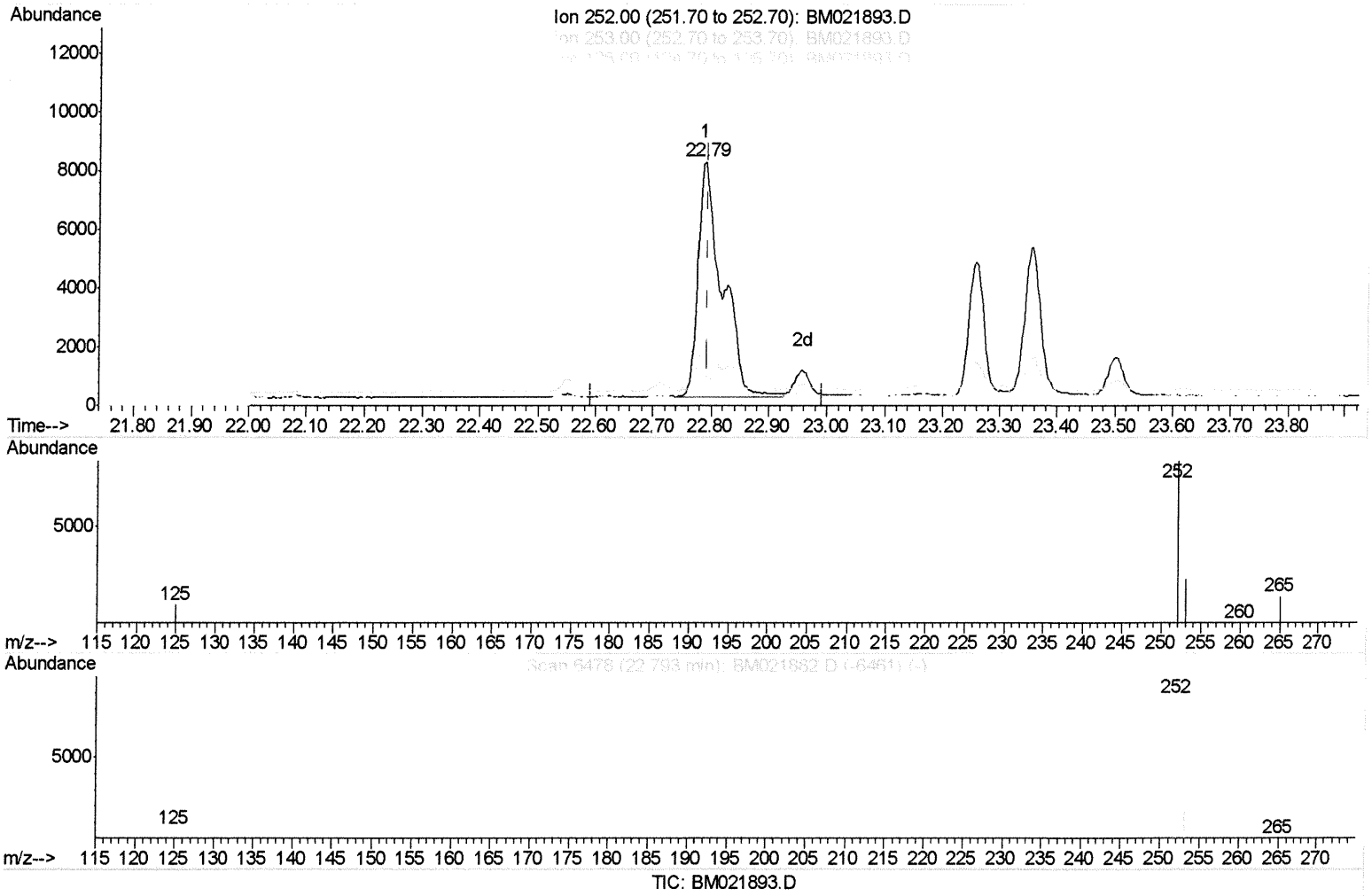

TIC: BM021893.D

(21) Benzo(b)fluoranthene

22.788min (-0.005) 1.15ng/ul

response 22881

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.33
125.00	15.50	11.78
0.00	0.00	0.00

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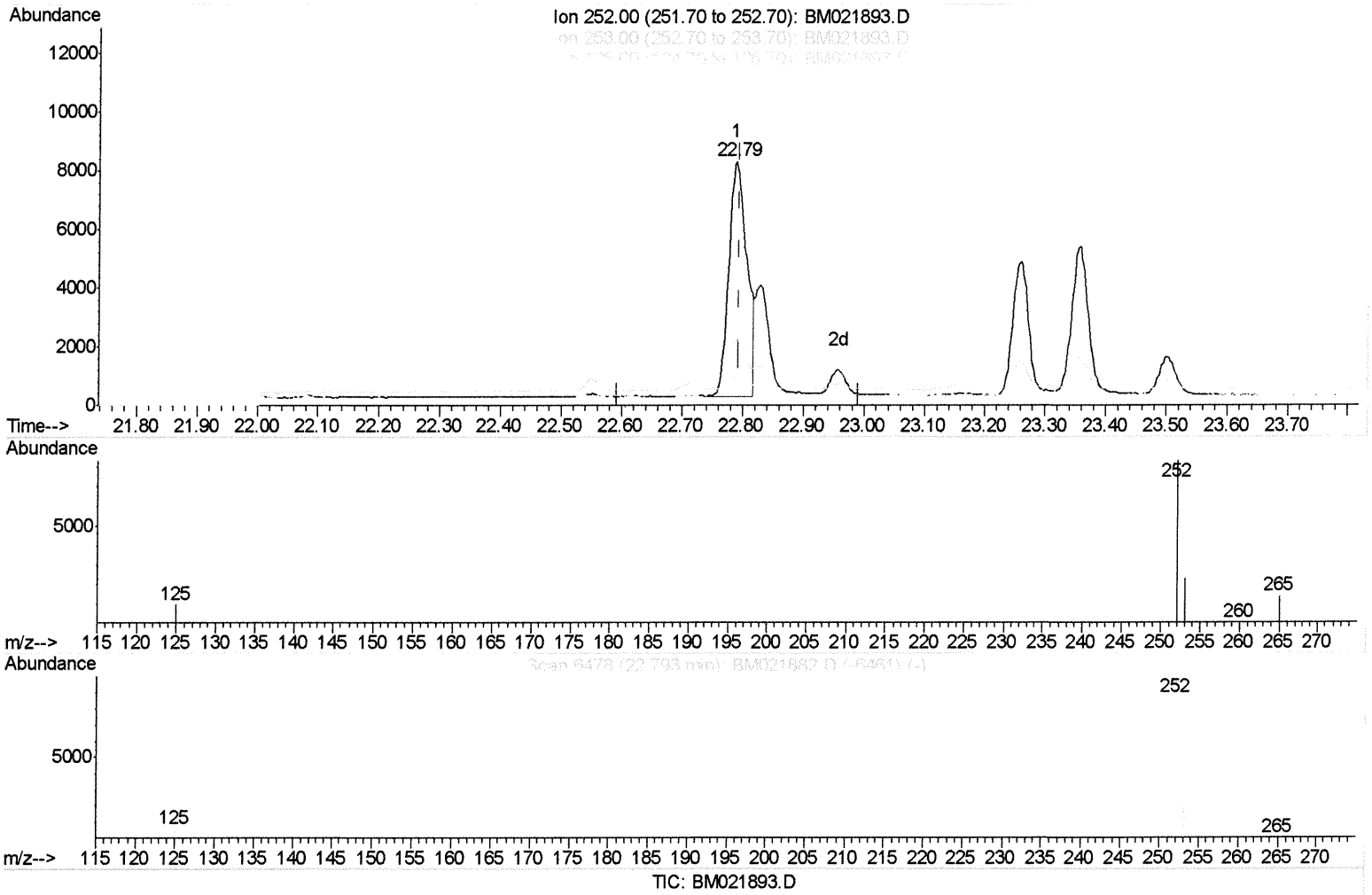

TIC: BM021893.D

(21) Benzo(b)fluoranthene

22.788min (-0.005) 0.84ng/ul m JV 08/07/19

response 16618

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.33
125.00	15.50	11.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM021893.D
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Operator : HP/JU
Sample : K3922-01DL 10X
Misc :
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Quant Time: Aug 07 15:13:32 2019
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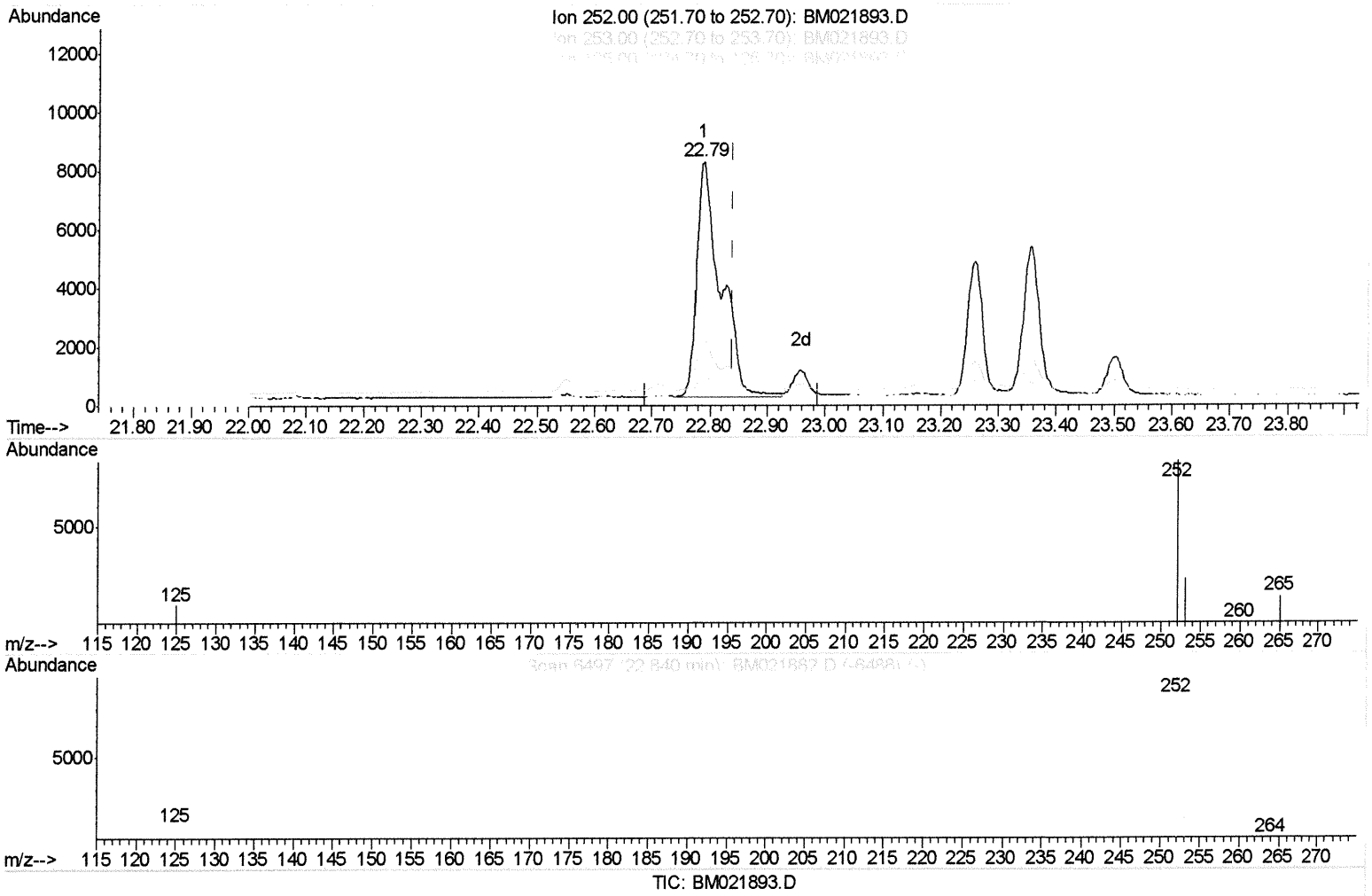
BNA_M
ClientSampleId :
A52F0DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:26 PM



TIC: BM021893.D

(22) Benzo(k)fluoranthene

22.788min (-0.051) 1.02ng/ul

response 22881

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.33
125.00	15.20	11.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 07 Aug 2019 13:23
Operator : HP/JU
Sample : K3922-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 15:13:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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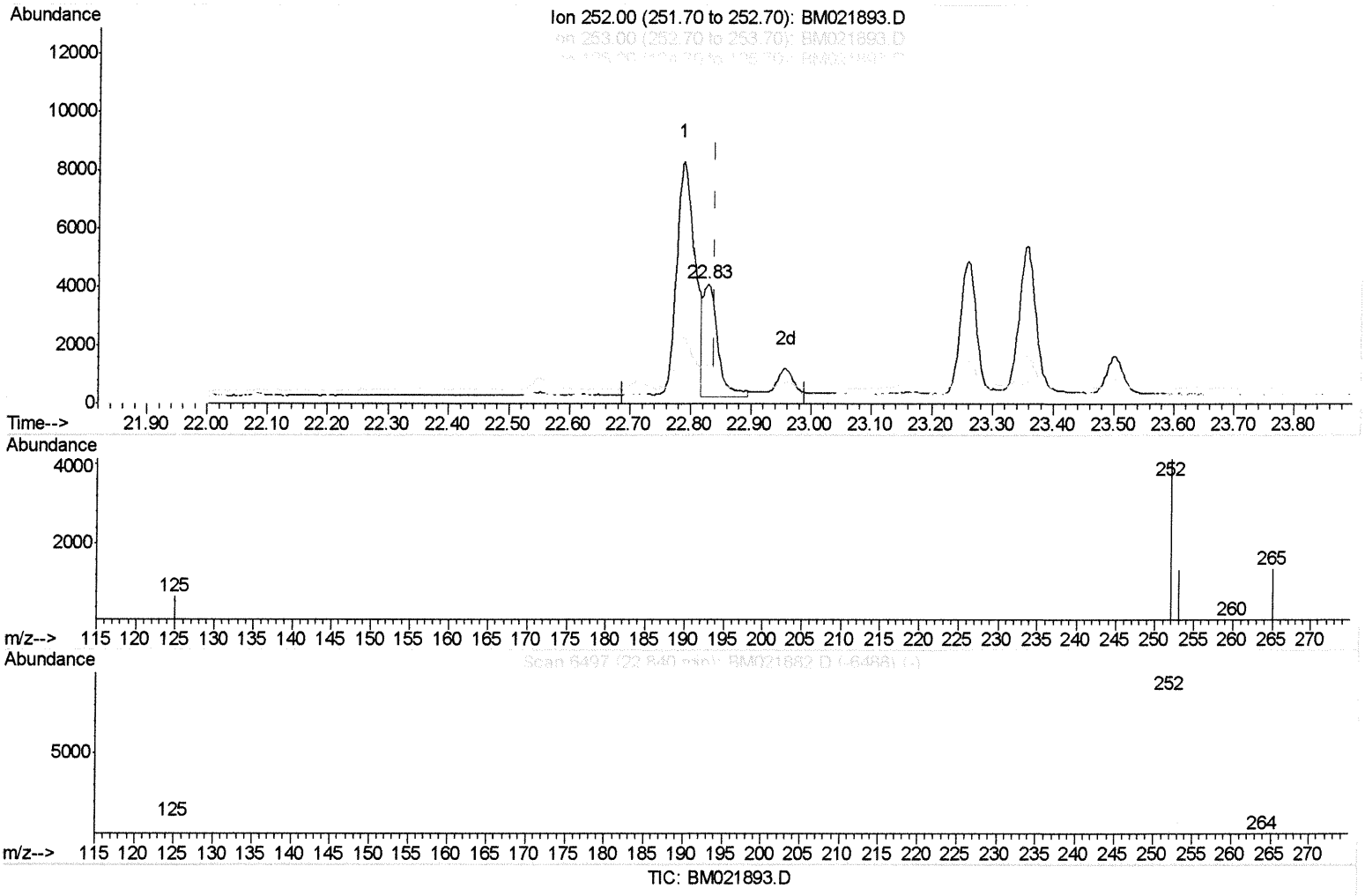
Manual Integrations APPROVED
mohammad
8/7/2019 11:52:26 PM



TIC: BM021893.D

(22) Benzo(k)fluoranthene

22.827min (-0.012) 0.30ng/ul m JU 08/07/19

response 6655

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.67
125.00	15.20	16.21
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
8/7/2019 11:52:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	807	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3491	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	1985	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4446	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4503	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5899	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	151	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.07	212	428	0.03	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	418	0.045	ng/ul#	70
9) Fluorene	15.35	166	240	0.029	ng/ul#	87
12) Phenanthrene	17.08	178	8654	0.669	ng/ul	98
13) Anthracene	17.18	178	770	0.070	ng/ul#	78
15) Fluoranthene	19.10	202	25566	1.475	ng/ul	96
17) Pyrene	19.47	202	21198	1.146	ng/ul	99
18) Benzo(a)anthracene	21.22	228	8573	0.532	ng/ul	97
19) Chrysene	21.28	228	12651	0.611	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	16618m→	0.835	ng/ul	>2 JU 08/07/19
22) Benzo(k)fluoranthene	22.83	252	6655m→	0.296	ng/ul	>J
23) Benzo(a)pyrene	23.36	252	9670	0.478	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.67	276	8313	0.344	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.67	278	1776	0.091	ng/ul#	65
26) Benzo(g,h,i)perylene	26.35	276	8160	0.375	ng/ul	99

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