Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

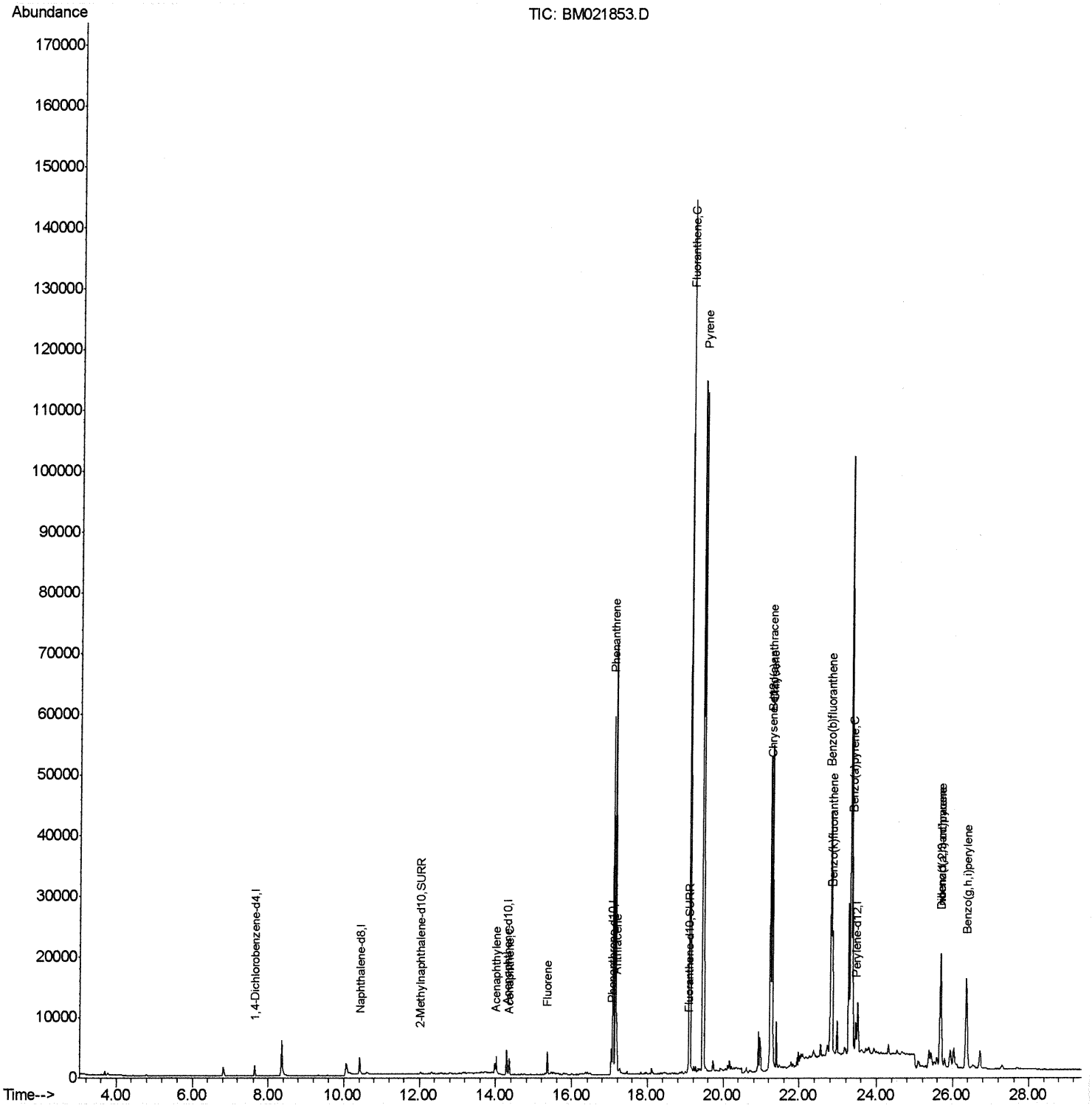
Quantitation Report (QT Reviewed)

Data File : BM021853.D
Acq On : 05 Aug 2019 21:43
Operator : HP/JU
Sample : K3863-14DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 06 02:23:25 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 : Tue Aug 06 01:29:26 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A52F4DL

Manual Integrations APPROVED
mohammad
8/6/2019 9:09:04 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

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Acq On : 05 Aug 2019 21:43
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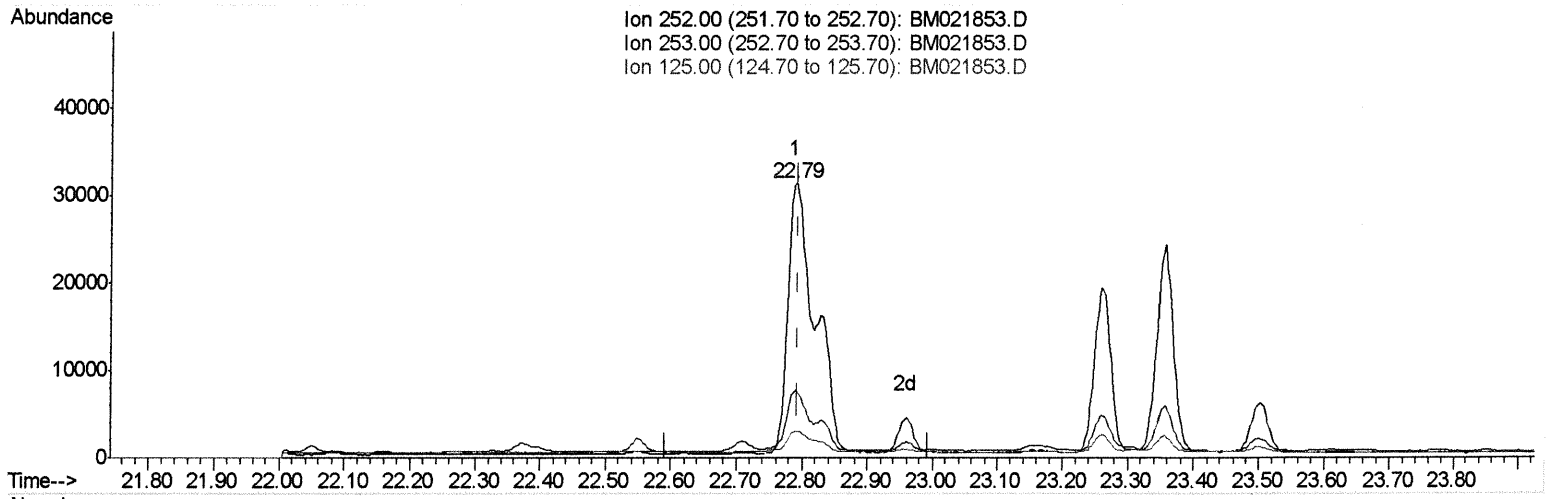

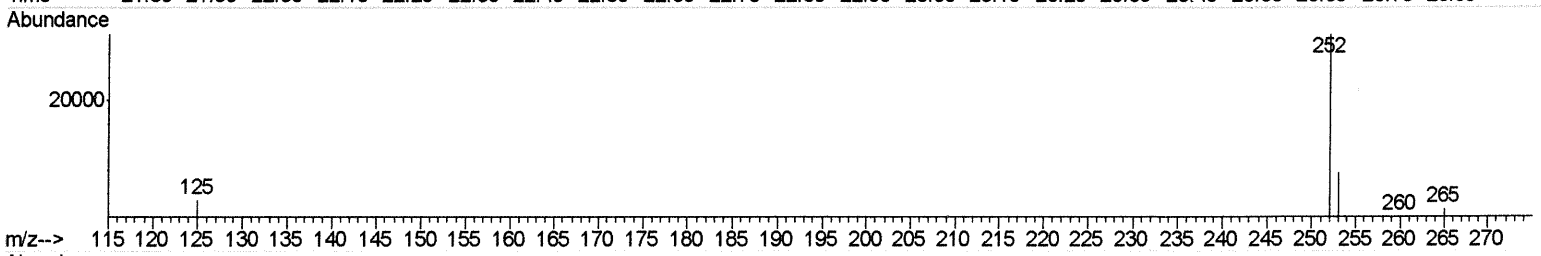

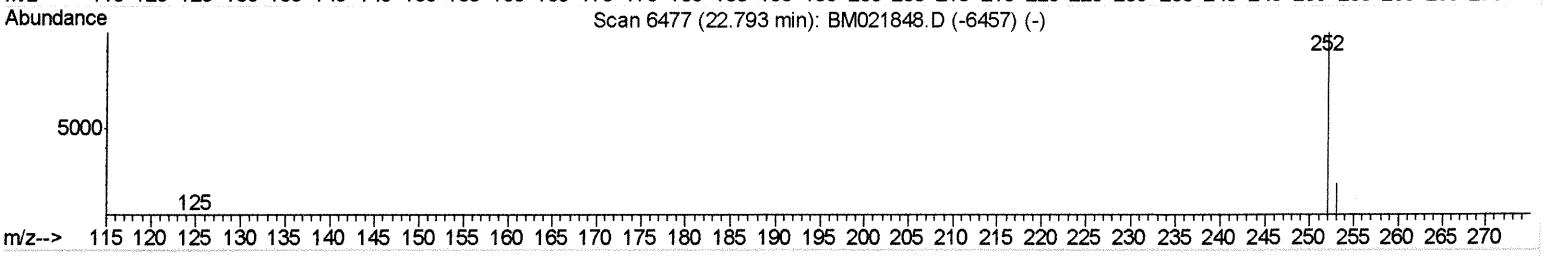

TIC: BM021853.D

(21) Benzo(b)fluoranthene

22.789min (-0.005) 3.39ng/ul

response 89944

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.54
125.00	15.50	9.70
0.00	0.00	0.00

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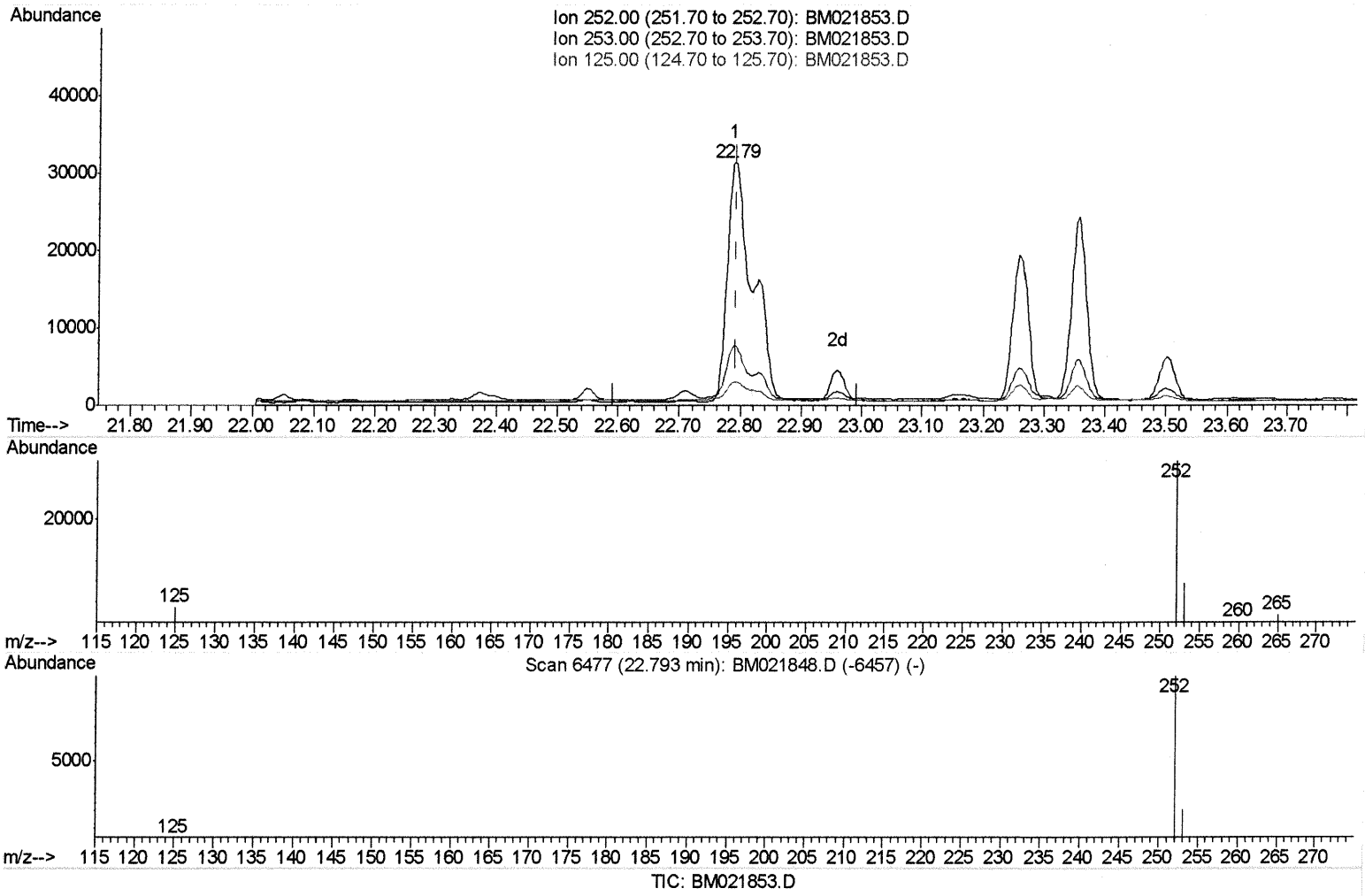
Manual Integrations APPROVED
mohammad
8/6/2019 9:09:04 AM



TIC: BM021853.D

(21) Benzo(b)fluoranthene

22.789min (-0.005) 2.47ng/ul m JU 08/06/19

response 65483

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.54
125.00	15.50	9.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
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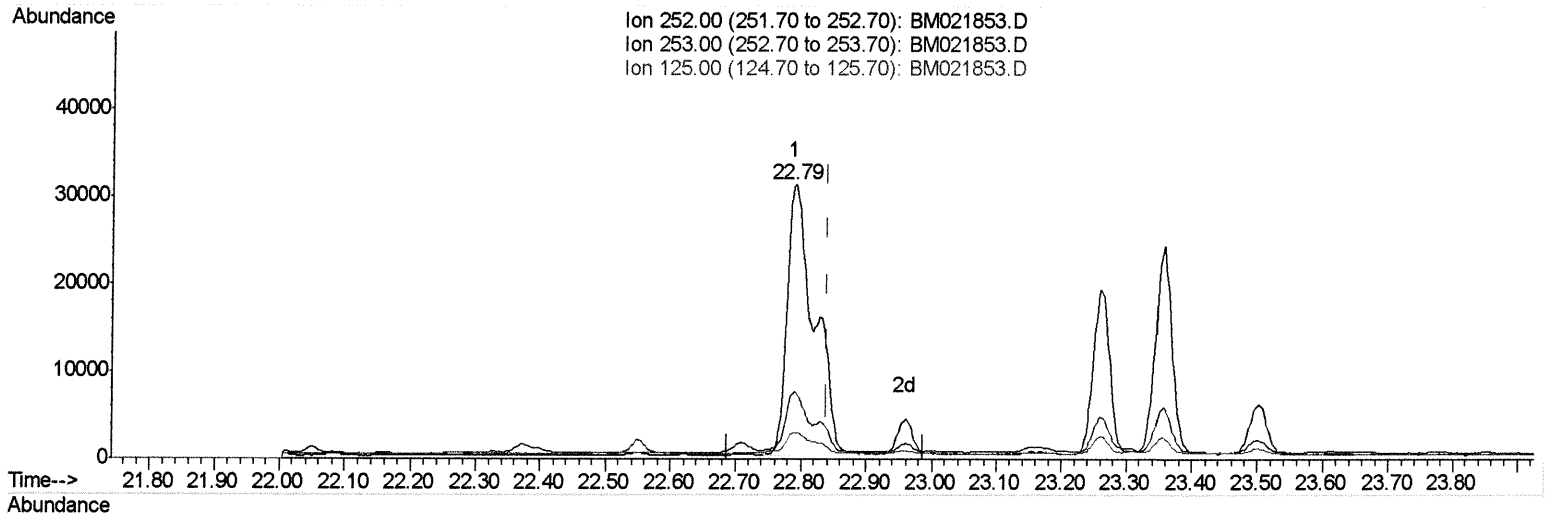
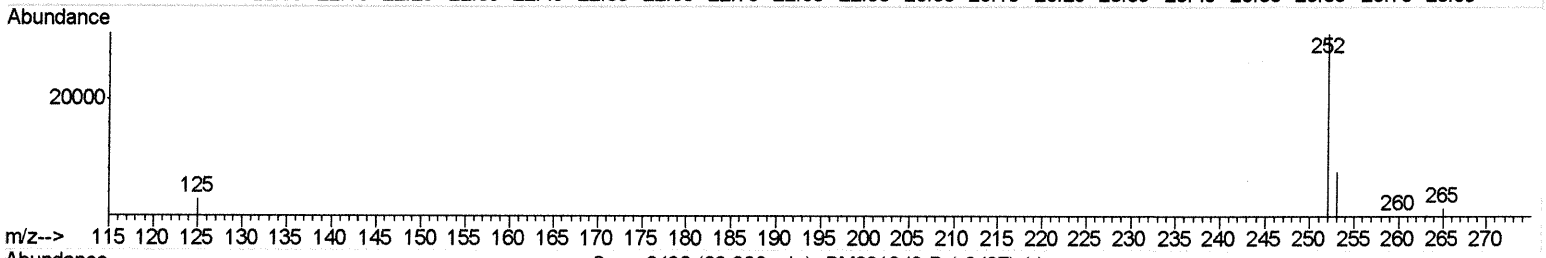
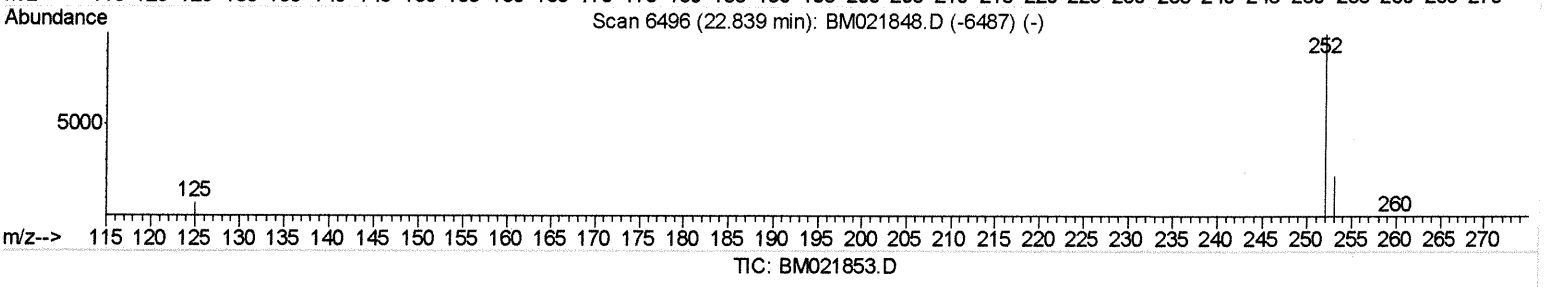
Manual Integrations APPROVED
mohammad
8/6/2019 9:09:04 AM







TIC: BM021853.D

(22) Benzo(k)fluoranthene

22.789min (-0.051) 3.00ng/ul

response 89944

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.54#
125.00	15.20	9.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

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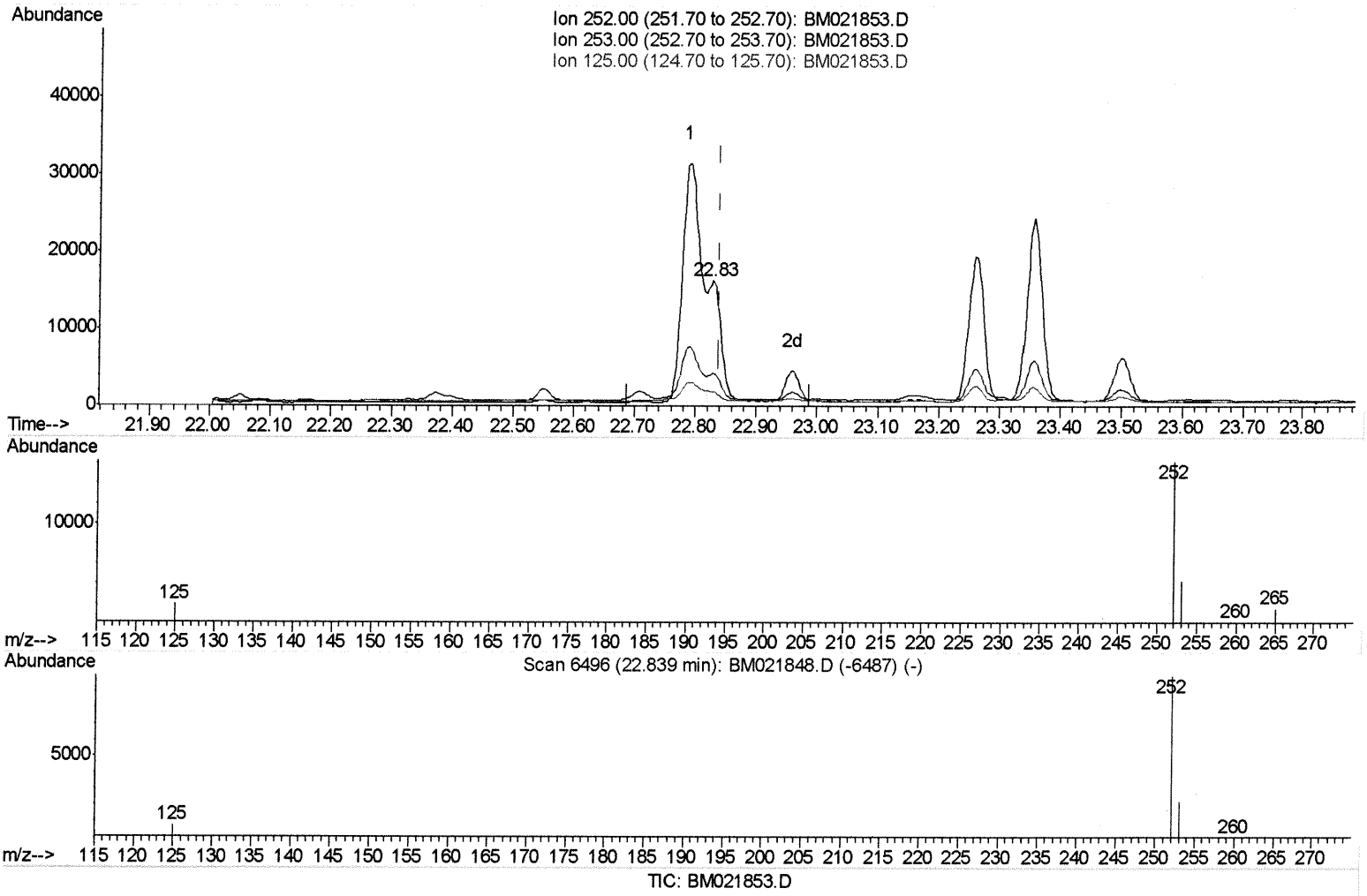
ClientSampleId :
A52F4DL

Manual Integrations APPROVED
mohammad
8/6/2019 9:09:04 AM



(22) Benzo(k)fluoranthene

22.827min (-0.012) 0.80ng/ul m JU 08/06/19

response 24051

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.33#
125.00	15.20	11.80#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (QT Reviewed)

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Instrument : BNA_M
ClientSampleId : A52F4DL

Manual Integrations APPROVED
mohammad
8/6/2019 9:09:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	941	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3895	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2243	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5200	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	5238	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7864	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	443	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	1493	0.09	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.00	152	1188	0.114	ng/ul#	91
8) Acenaphthene	14.35	153	1631	0.191	ng/ul	96
9) Fluorene	15.34	166	2501	0.263	ng/ul	99
12) Phenanthrene	17.08	178	59931	3.961	ng/ul	96
13) Anthracene	17.17	178	8211	0.636	ng/ul	98
15) Fluoranthene	19.10	202	122166	6.028	ng/ul	95
17) Pyrene	19.47	202	98035	4.555	ng/ul	98
18) Benzo(a)anthracene	21.22	228	43622	2.328	ng/ul	99
19) Chrysene	21.27	228	53841	2.234	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	65483m	2.469	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	24051m	0.801	ng/ul	
23) Benzo(a)pyrene	23.36	252	42059	1.560	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.67	276	30794	0.956	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.68	278	7611	0.292	ng/ul#	93
26) Benzo(g,h,i)perylene	26.36	276	31314	1.080	ng/ul	97

=JJU 08/06/19

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