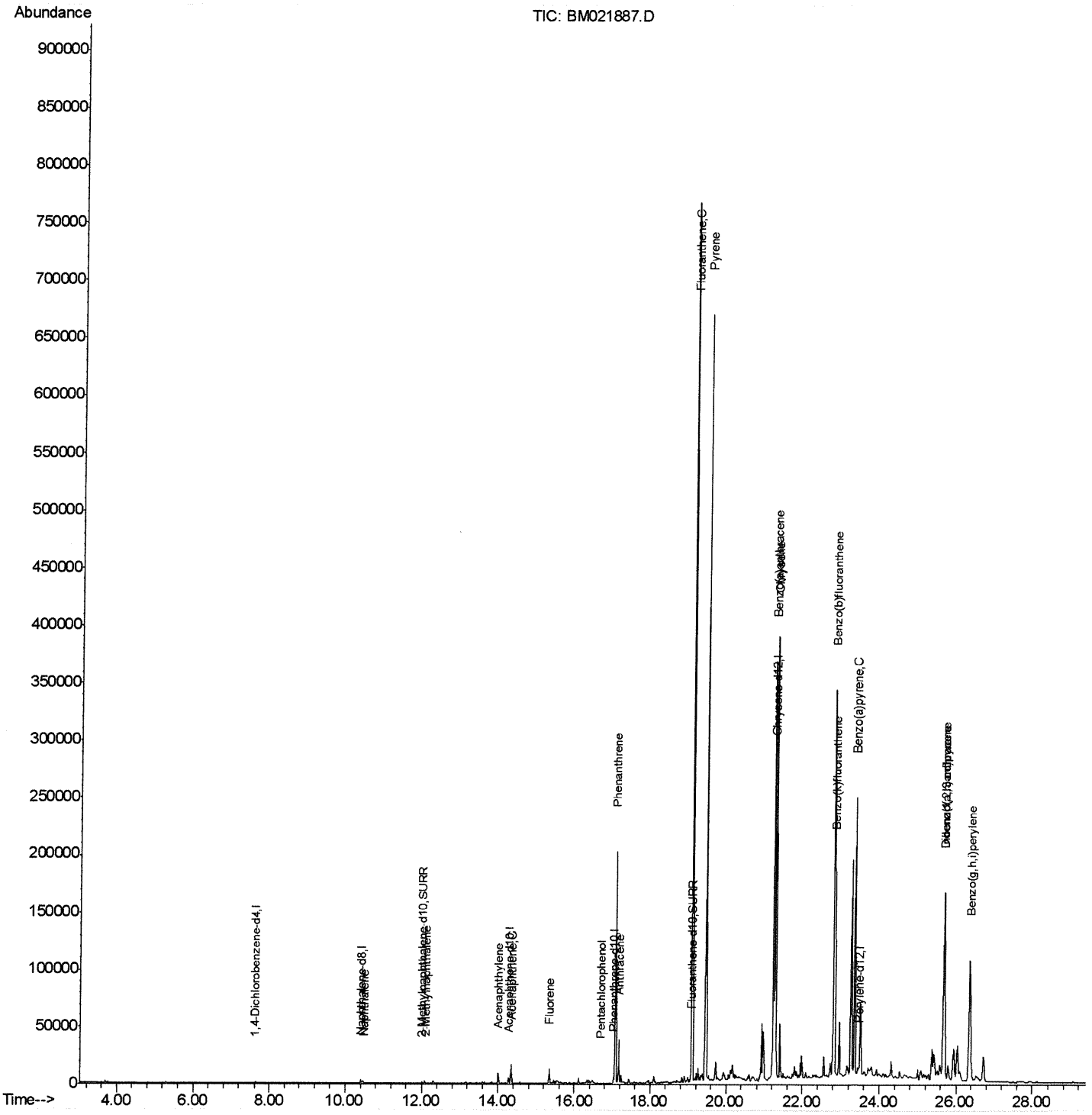
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080619\
Data File : BM021887.D
Acq On : 07 Aug 2019 09:16
Operator : HP/JU
Sample : K3893-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 11:54:08 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 :
BEP11MS

Manual Integrations APPROVED
mohammad
8/7/2019 12:14:05 PM



Quantitation Report (Qedit)

Instrument : BNA_M
ClientSampleId : BEP11MS

Manual Integrations APPROVED
mohammad
8/7/2019 12:14:05 PM

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Data File : BM021887.D
Acq On : 07 Aug 2019 09:16
Operator : HP/JU
Sample : K3893-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 11:52:16 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
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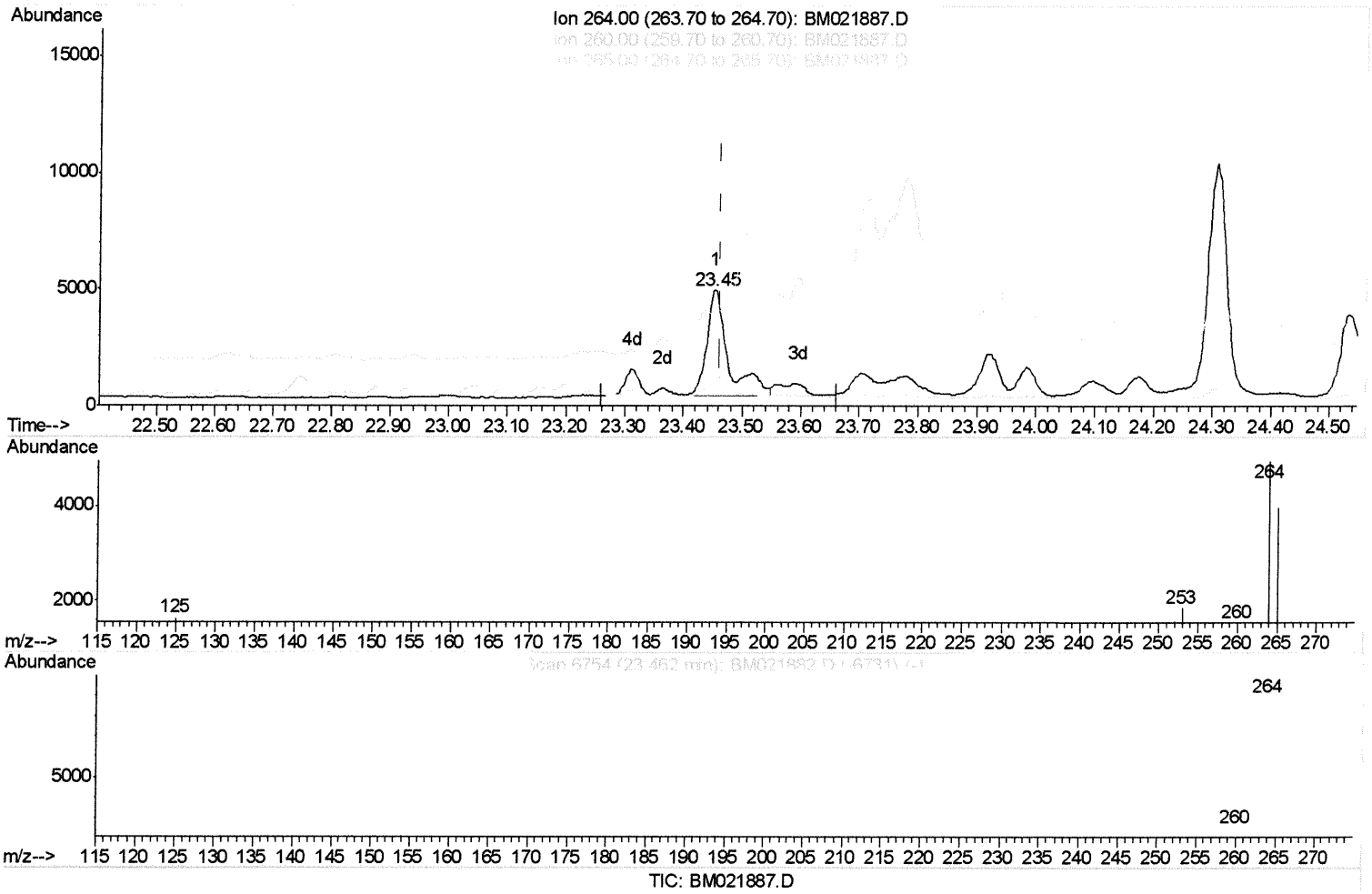

TIC: BM021887.D

(20) Perylene-d12 (I)

23.452min (-0.010) 0.40ng/ul

response 11677

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	31.25
265.00	117.00	80.29#
0.00	0.00	0.00

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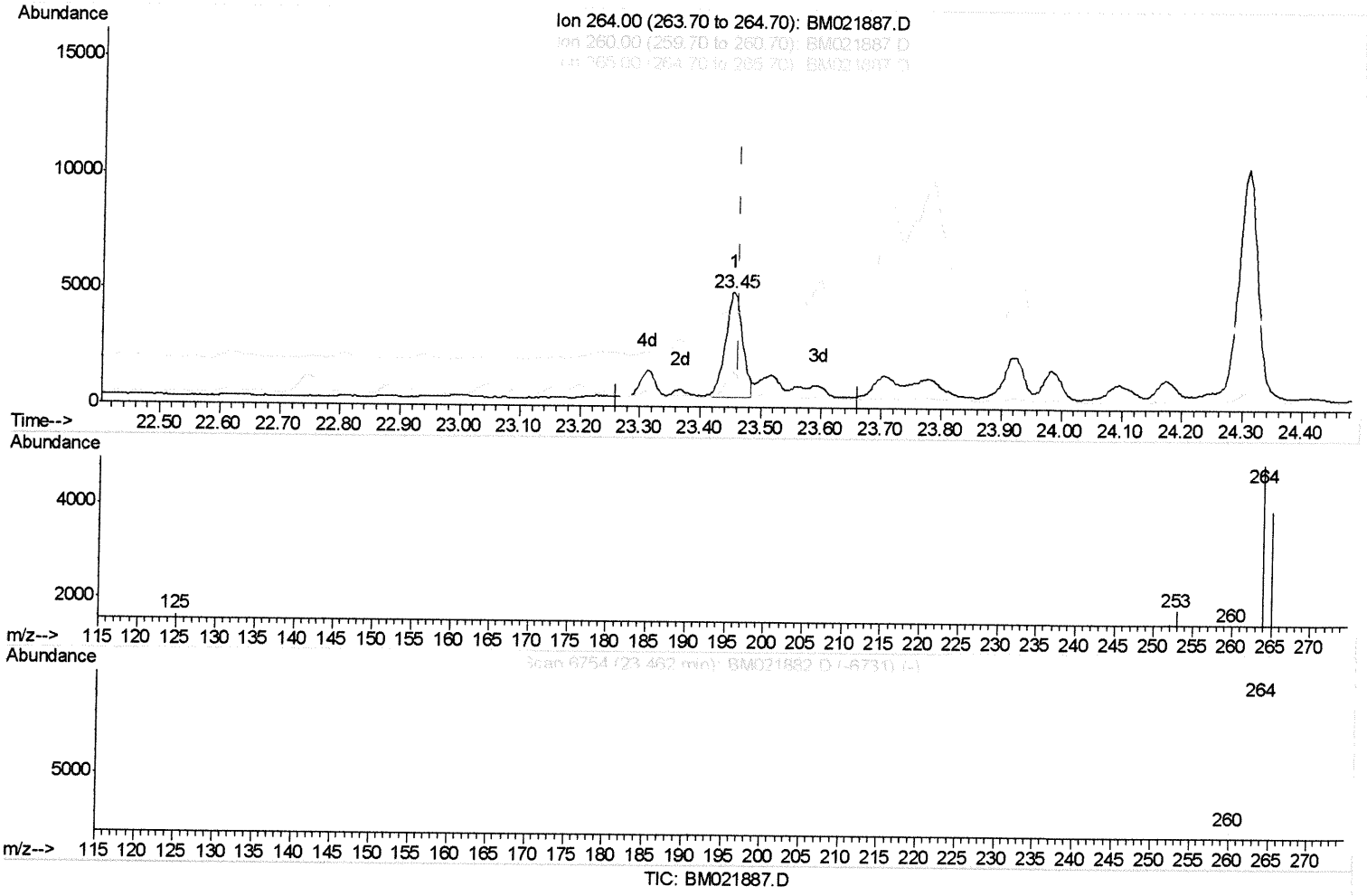
Manual Integrations APPROVED
mohammad
8/7/2019 12:14:05 PM



(20) Perylene-d12 (I)

23.452min (-0.010) 0.40ng/ul m JU 08/07/19

response 9147

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	31.25
265.00	117.00	80.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM021887.D
Acq On : 07 Aug 2019 09:16
Operator : HP/JU
Sample : K3893-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 11:53:01 2019
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BNA_M
ClientSampleId :
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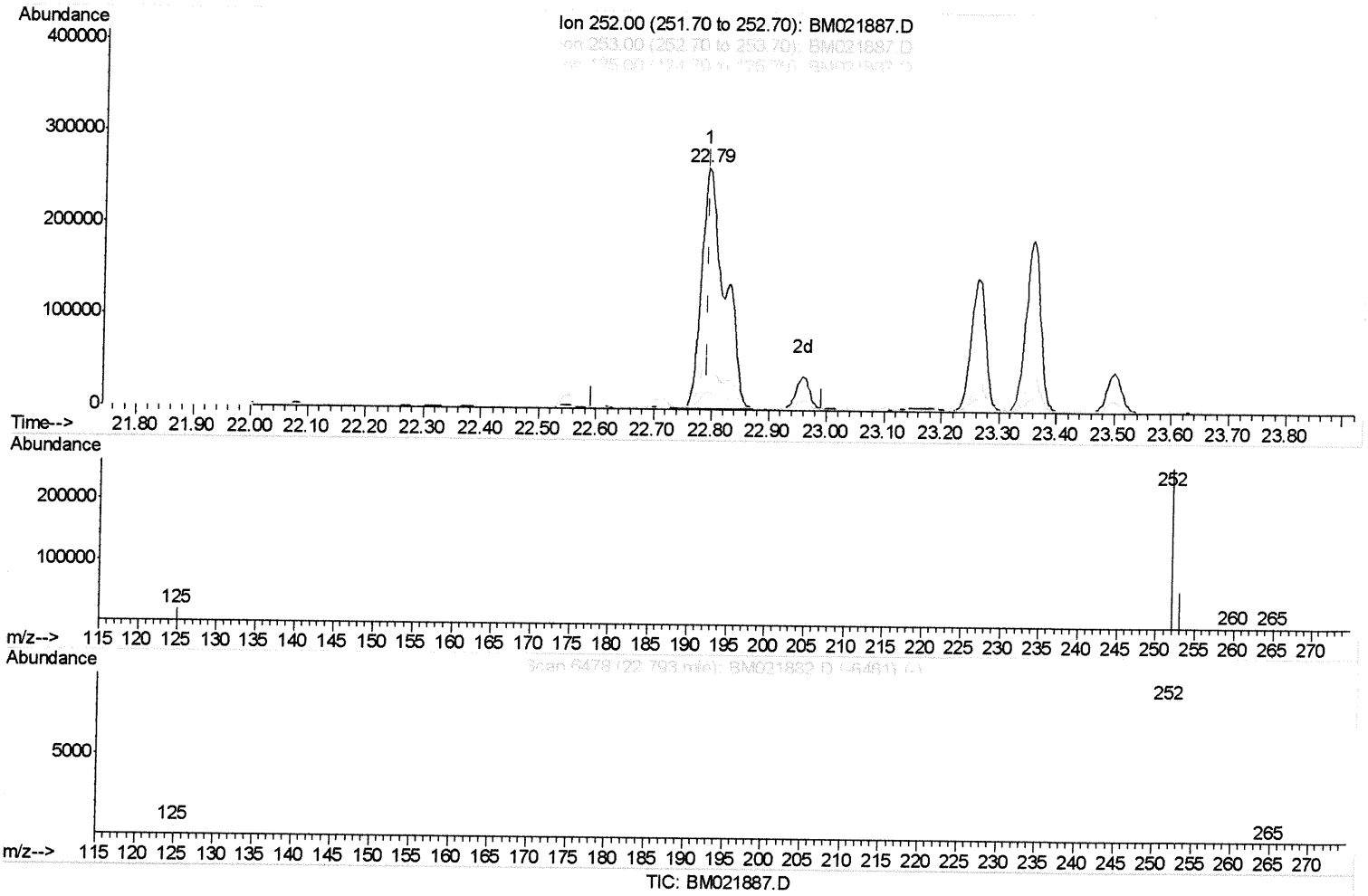
Manual Integrations APPROVED
mohammad
8/7/2019 12:14:05 PM



(21) Benzo(b)fluoranthene

22.791min (-0.002) 23.72ng/ul

response 731576

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.64
125.00	15.50	7.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument : BNA_M
ClientSampleId : BEP11MS

Manual Integrations APPROVED
mohammad
8/7/2019 12:14:05 PM

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Operator : HP/JU
Sample : K3893-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 11:53:01 2019
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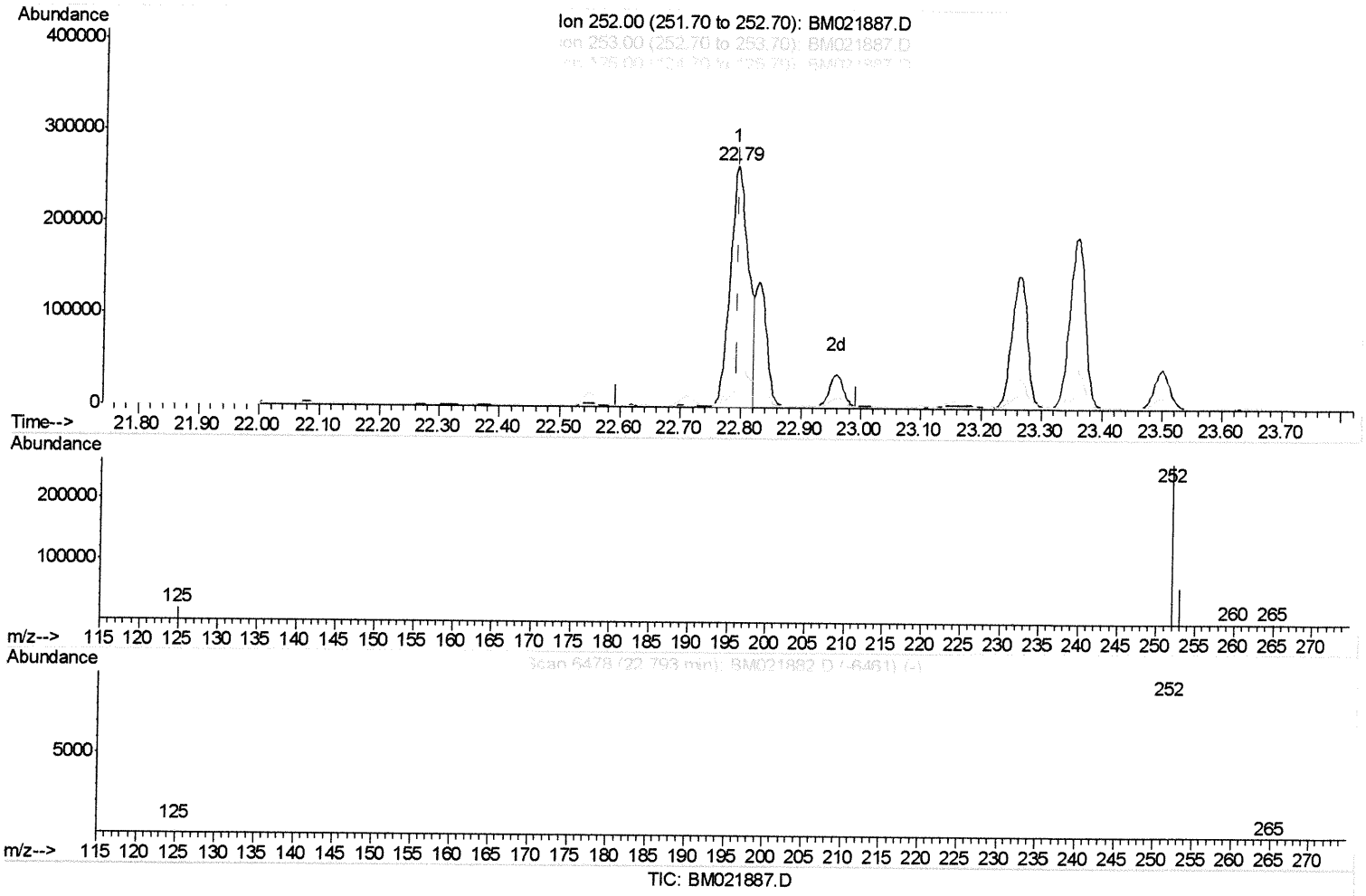

(21) Benzo(b)fluoranthene

22.791min (-0.002) 18.01ng/ul m JU 08/07/19

response 555610

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.64
125.00	15.50	7.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument : BNA_M
ClientSampleId : BEP11MS

Manual Integrations APPROVED
mohammad
8/7/2019 12:14:05 PM

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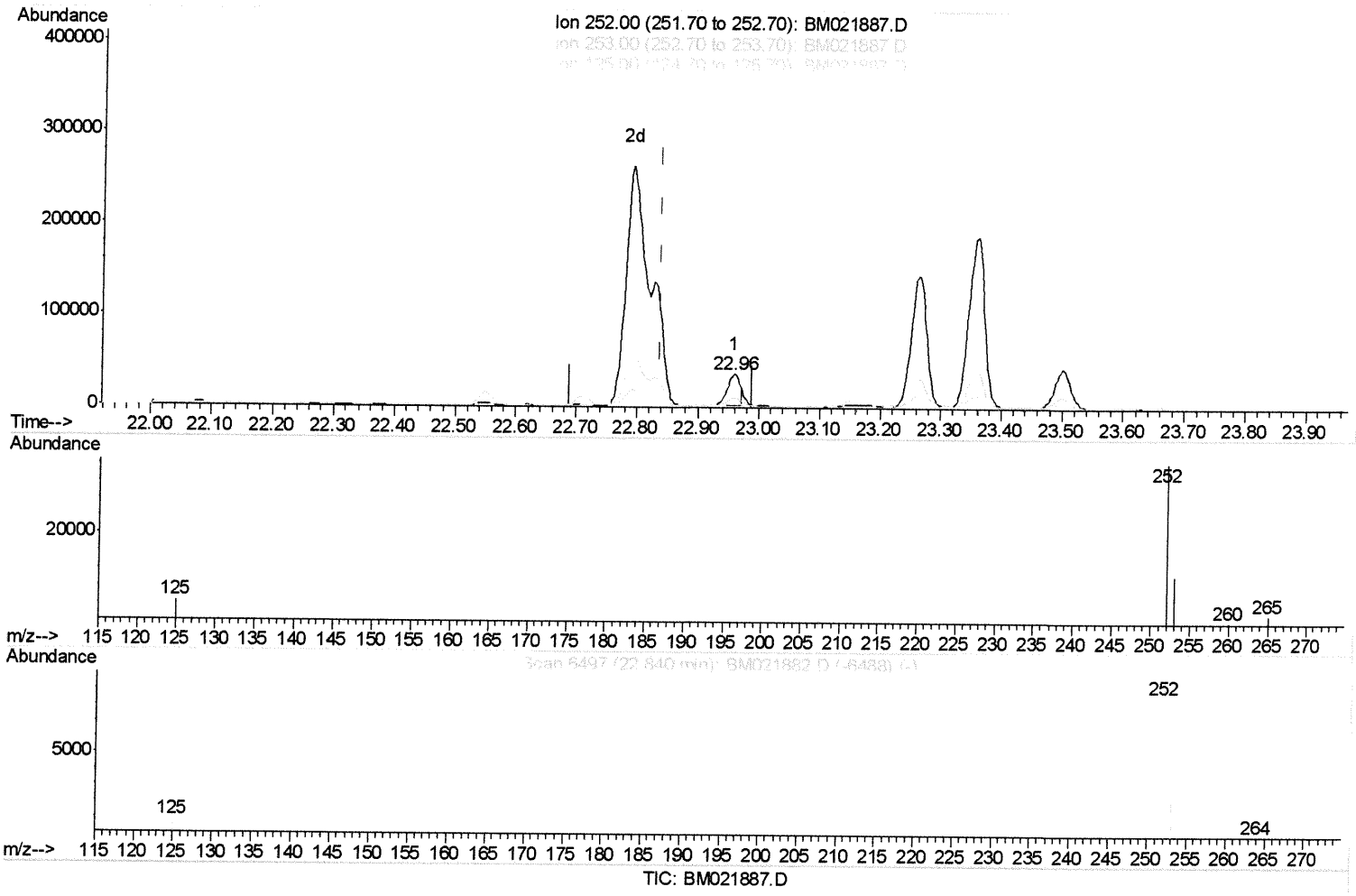

TIC: BM021887.D

(22) Benzo(k)fluoranthene

22.958min (+0.119) 1.43ng/ul

response 49933

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.22
125.00	15.20	12.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080619\
Data File : BM021887.D
Acq On : 07 Aug 2019 09:16
Operator : HP/JU
Sample : K3893-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 11:53:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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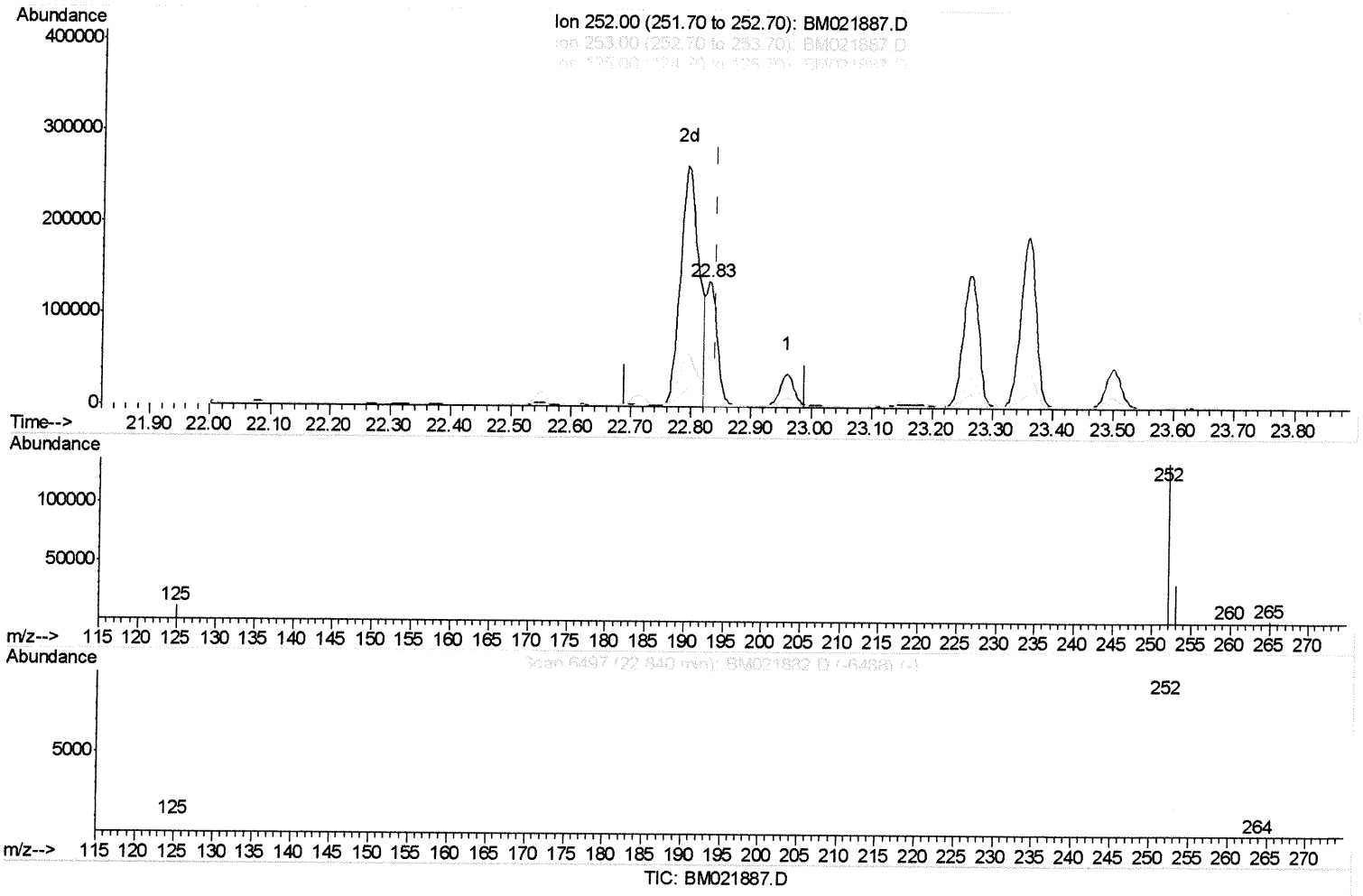
Instrument :
BNA_M
ClientSampleId :
BEP11MS

Manual Integrations APPROVED
mohammad
8/7/2019 12:14:05 PM



(22) Benzo(k)fluoranthene

22.830min (-0.010) 5.34ng/ul m JU 08/07/19

response 186382

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.92#
125.00	15.20	8.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument : BNA_M
ClientSampleId : BEP11MS

Manual Integrations APPROVED
mohammad
8/7/2019 12:14:05 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1035	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4681	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	2796	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	6576	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6825	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	9147m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1953	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	5104	0.23	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	3573	0.270	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	1967	0.223	ng/ul	96
7) Acenaphthylene	14.00	152	11154	0.855	ng/ul#	83
8) Acenaphthene	14.34	153	9968	0.934	ng/ul	96
9) Fluorene	15.33	166	8697	0.734	ng/ul	98
11) Pentachlorophenol	16.69	266	198	0.163	ng/ul	94
12) Phenanthrene	17.08	178	206654	10.800	ng/ul	96
13) Anthracene	17.17	178	37648	2.307	ng/ul	95
15) Fluoranthene	19.10	202	646691	25.231	ng/ul	94
17) Pyrene	19.47	202	571371	20.373	ng/ul	97
18) Benzo(a)anthracene	21.22	228	309654	12.684	ng/ul	99
19) Chrysene	21.27	228	364334	11.604	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	555610m	18.013	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	186382m	5.339	ng/ul	
23) Benzo(a)pyrene	23.36	252	338222	10.782	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.67	276	263891	7.046	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.67	278	64598	2.134	ng/ul	90
26) Benzo(g,h,i)perylene	26.35	276	219640	6.514	ng/ul#	94

JU 08/07/19

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