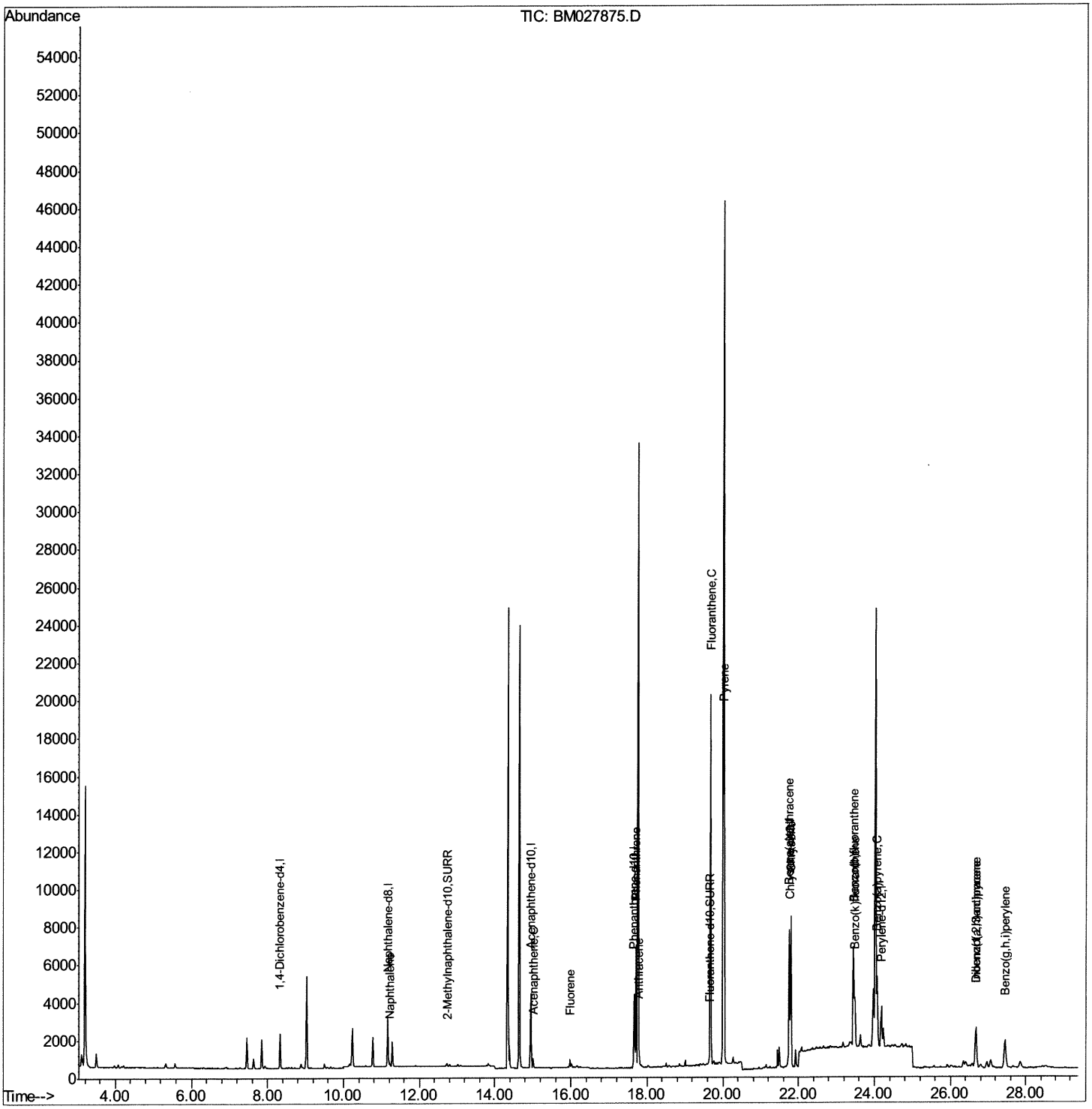
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027875.D
Acq On : 21 Nov 2020 11:20
Operator : JU/CG
Sample : L4710-19DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 21 12:33:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AW5DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:27 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027875.D
Acq On : 21 Nov 2020 11:20
Operator : JU/CG
Sample : L4710-19DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 21 12:30:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
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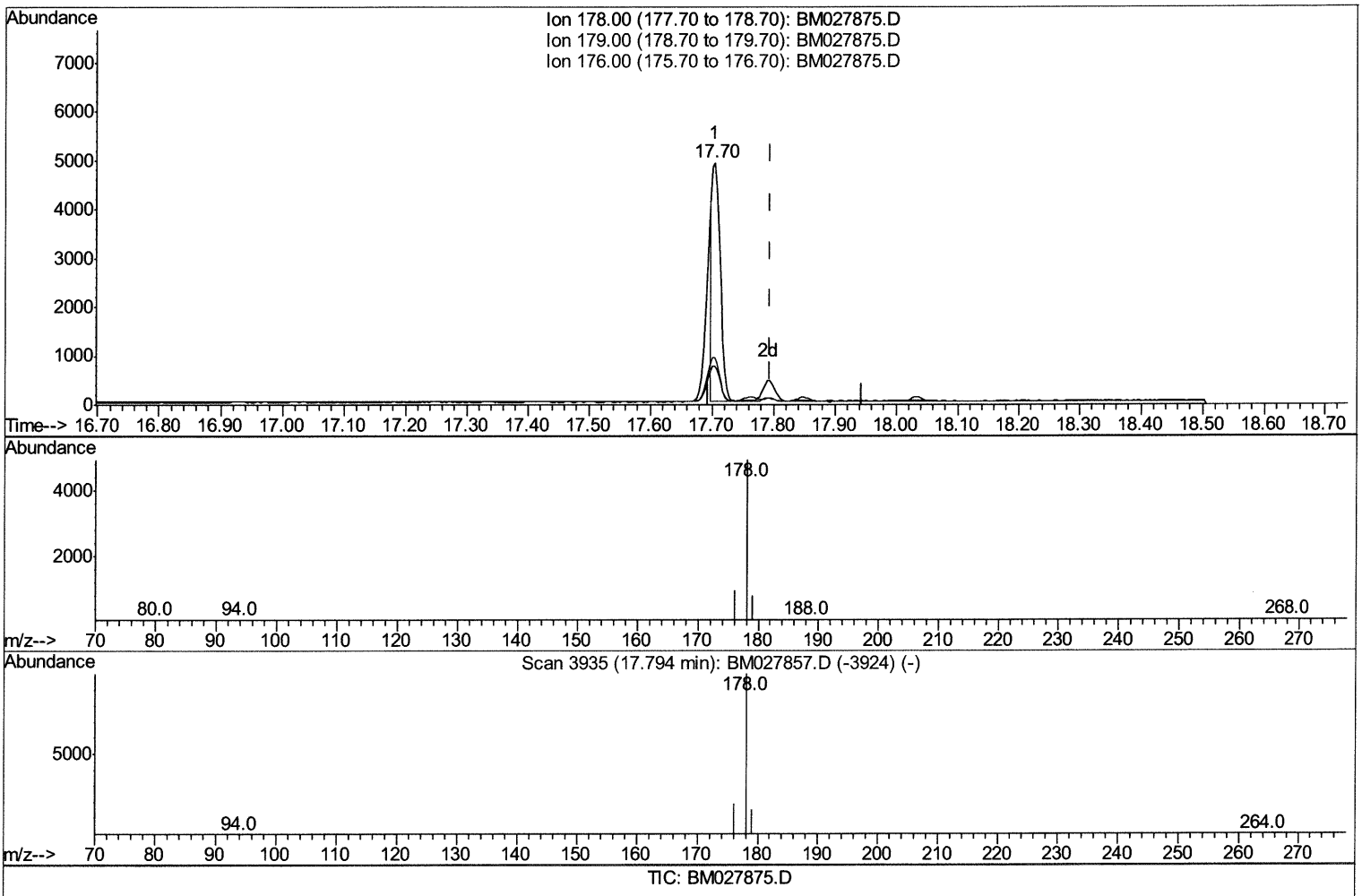

TIC: BM027875.D

(13) Anthracene

17.704min (-0.090) 0.32ng/ul

response 4535

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	15.86
176.00	18.80	19.42
0.00	0.00	0.00

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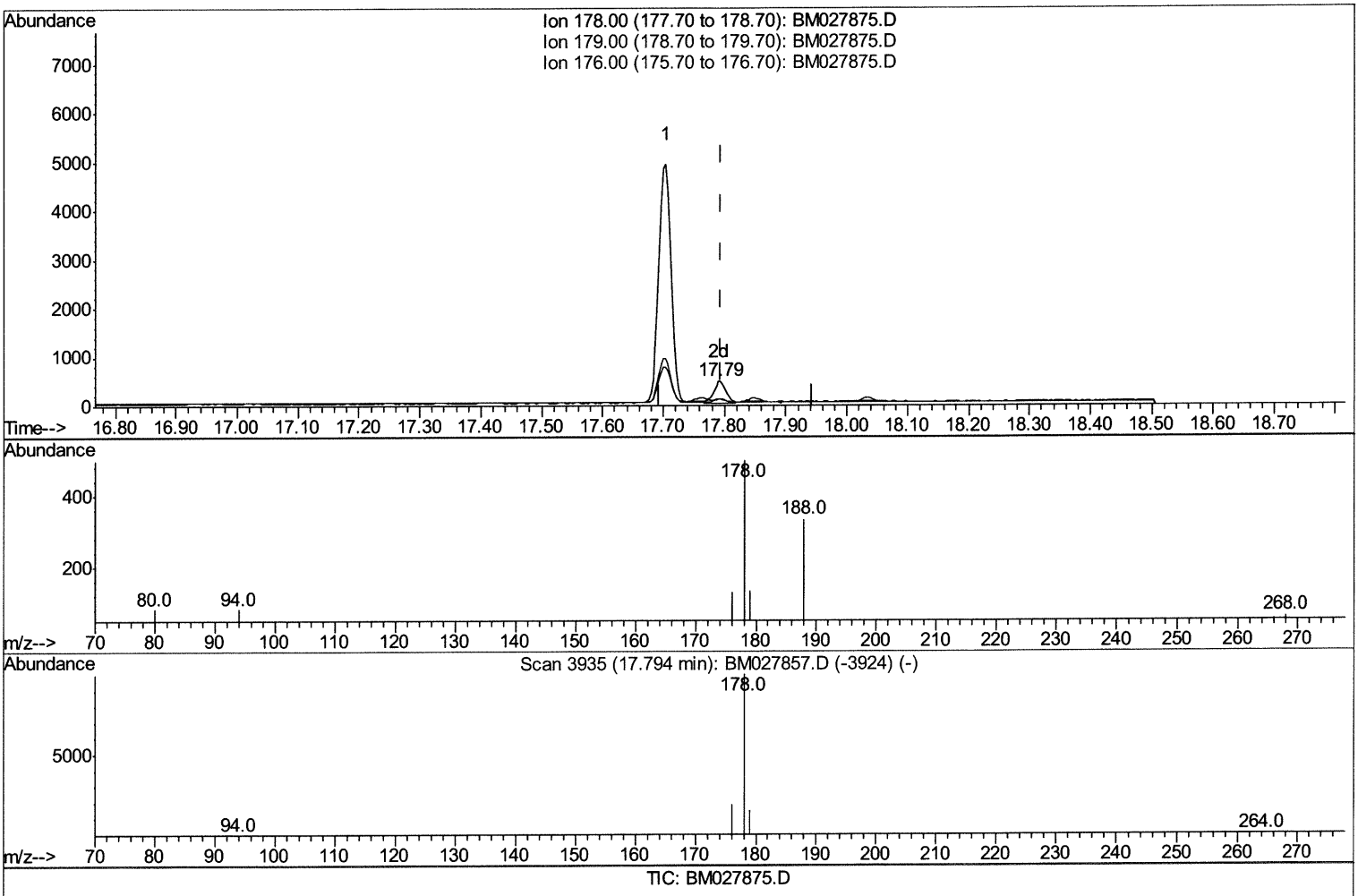

TIC: BM027875.D

(13) Anthracene

17.791min (-0.003) 0.05ng/ul m 11/27/20 JU

response 677

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	26.56#
176.00	18.80	25.96#
0.00	0.00	0.00

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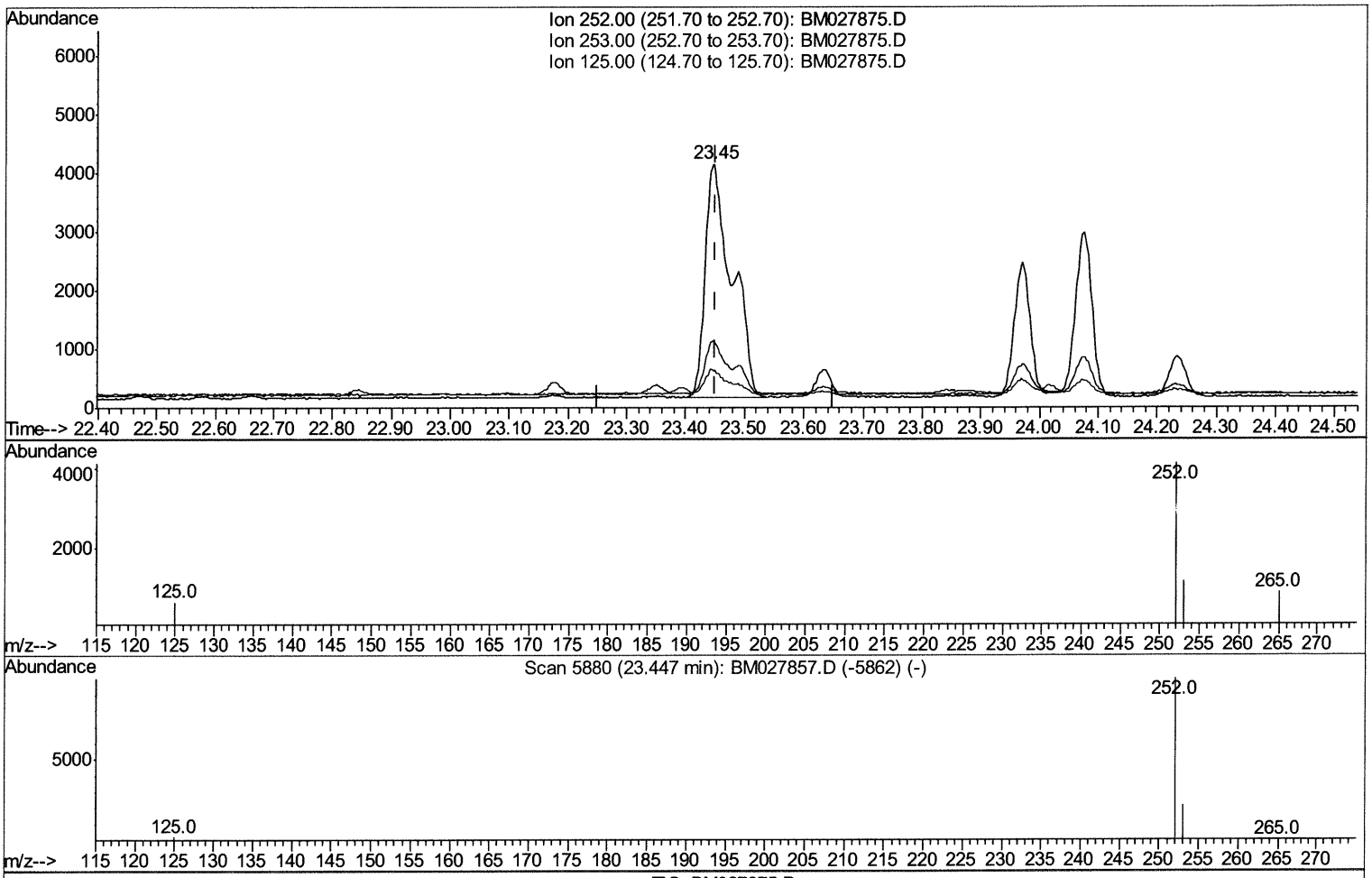
mohammad
11/24/2020 8:58:27 AM



TIC: BM027875.D

(21) Benzo(b)fluoranthene

23.448min (-0.002) 1.06ng/ul

response 12480

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	27.52
125.00	14.20	15.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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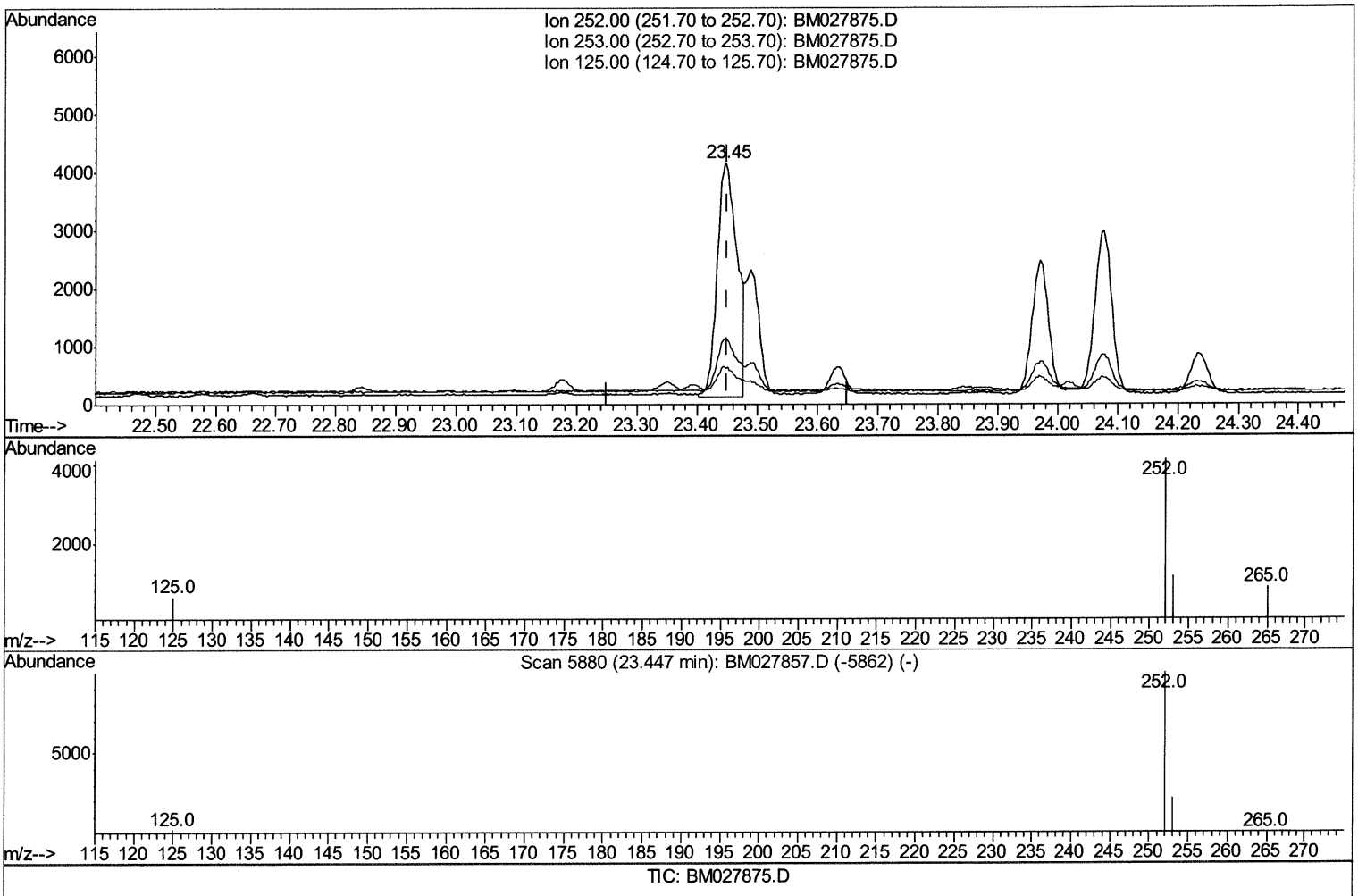
Manual Integrations APPROVED
mohammad
11/24/2020 8:58:27 AM



TIC: BM027875.D

(21) Benzo(b)fluoranthene

23.448min (-0.002) 0.78ng/ul m 11/27/20 JU

response 9273

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	27.52
125.00	14.20	15.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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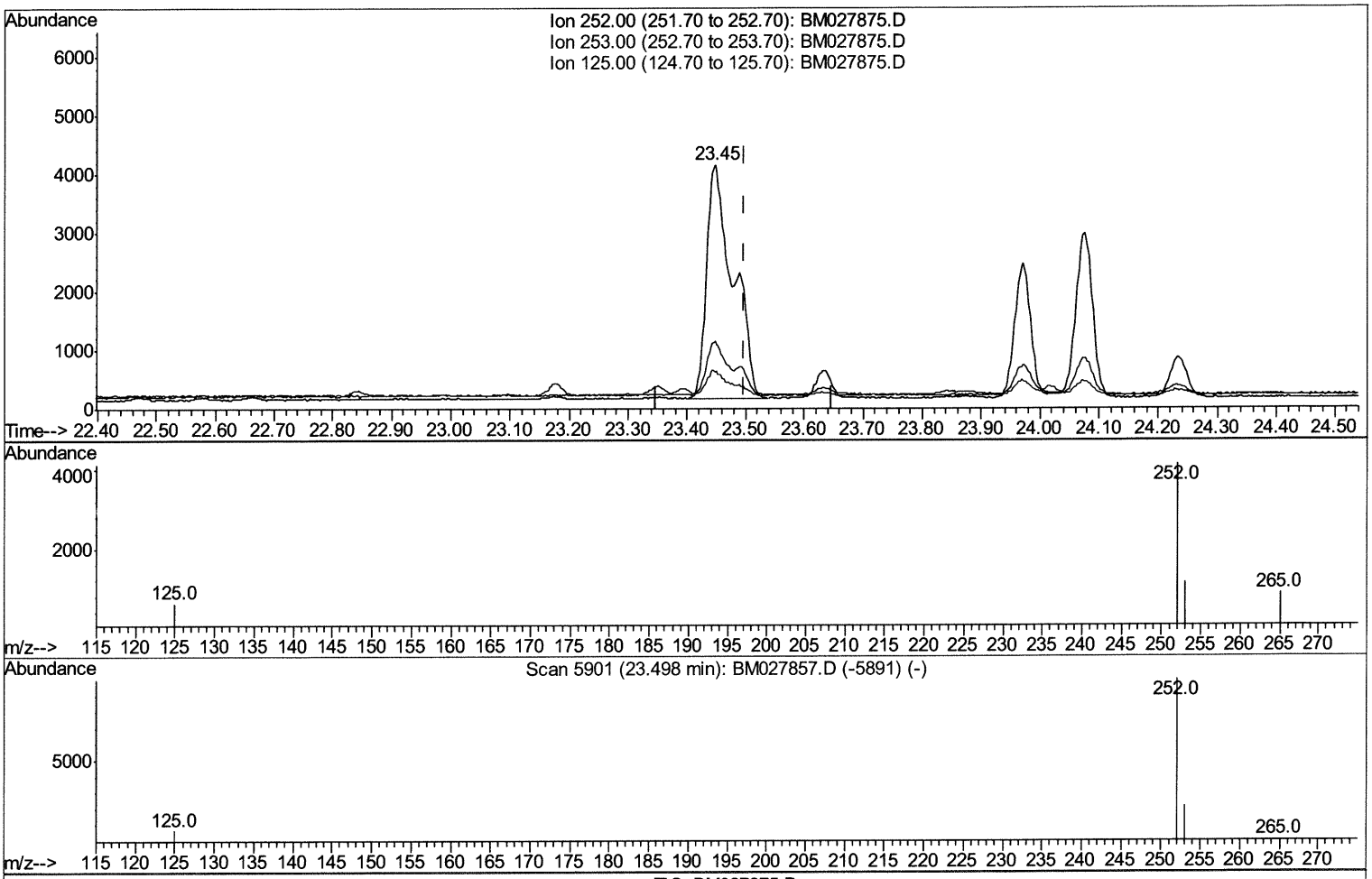

(22) Benzo(k)fluoranthene

23.448min (-0.051) 1.08ng/ul

response 12480

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	27.52
125.00	14.70	15.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 21 12:30:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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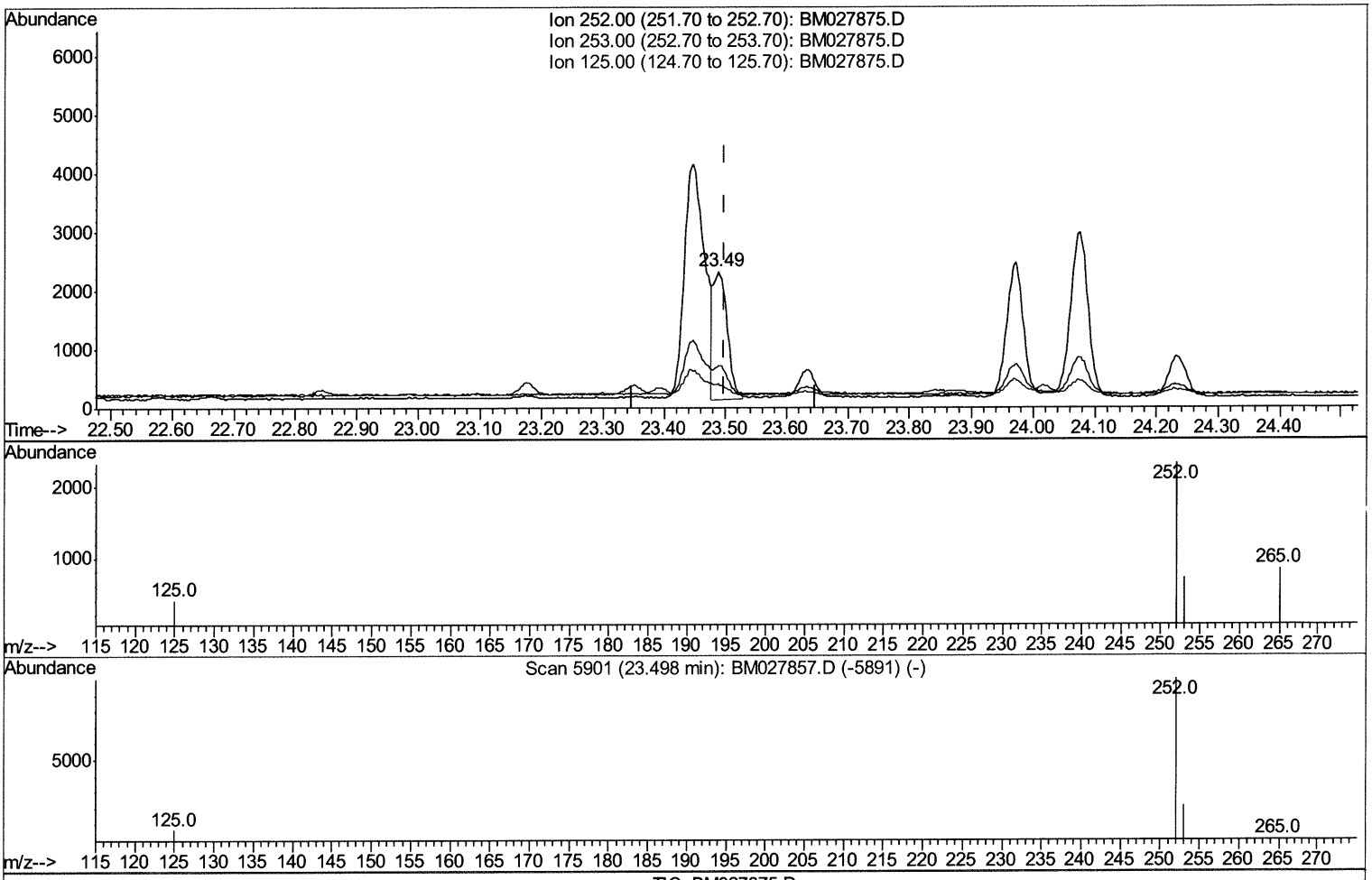
BNA_M
ClientSampleId :
C0AW5DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:27 AM



TIC: BM027875.D

(22) Benzo(k)fluoranthene

23.489min (-0.010) 0.30ng/ul m 11/27/20 JU

response 3484

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	30.60
125.00	14.70	17.62
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 29 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	888	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3497	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2148	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4590	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3533	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2813	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	189	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	529	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	243	0.023	ng/ul#	48
8) Acenaphthene	15.01	153	282	0.036	ng/ul#	94
9) Fluorene	15.98	166	264	0.029	ng/ul#	92
12) Phenanthrene	17.70	178	6833	0.471	ng/ul	98
13) Anthracene	17.79	178	677m>	0.048	ng/ul>	11/27/20 JU
15) Fluoranthene	19.68	202	16421	1.021	ng/ul	98
17) Pyrene	20.03	202	14017	0.781	ng/ul	98
18) Benzo(a)anthracene	21.74	228	5915	0.415	ng/ul	98
19) Chrysene	21.80	228	7800	0.562	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	9273m}	0.784	ng/ul}	11/27/20 JU
22) Benzo(k)fluoranthene	23.49	252	3484m}	0.301	ng/ul}	
23) Benzo(a)pyrene	24.08	252	5630	0.545	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.67	276	3777	0.337	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.68	278	914	0.098	ng/ul#	54
26) Benzo(g,h,i)perylene	27.45	276	3503	0.373	ng/ul	98

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