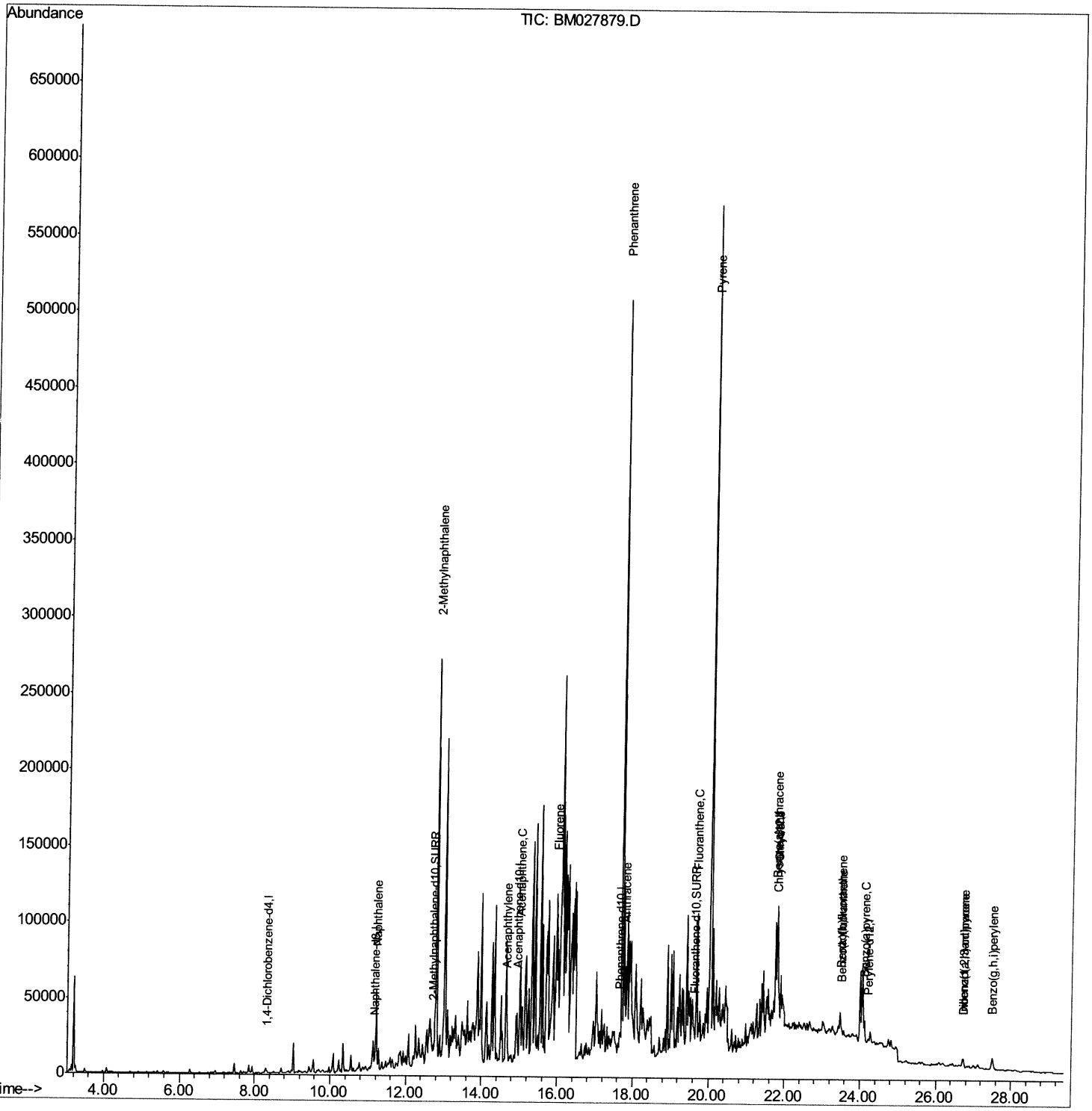
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:12:12 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 :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM



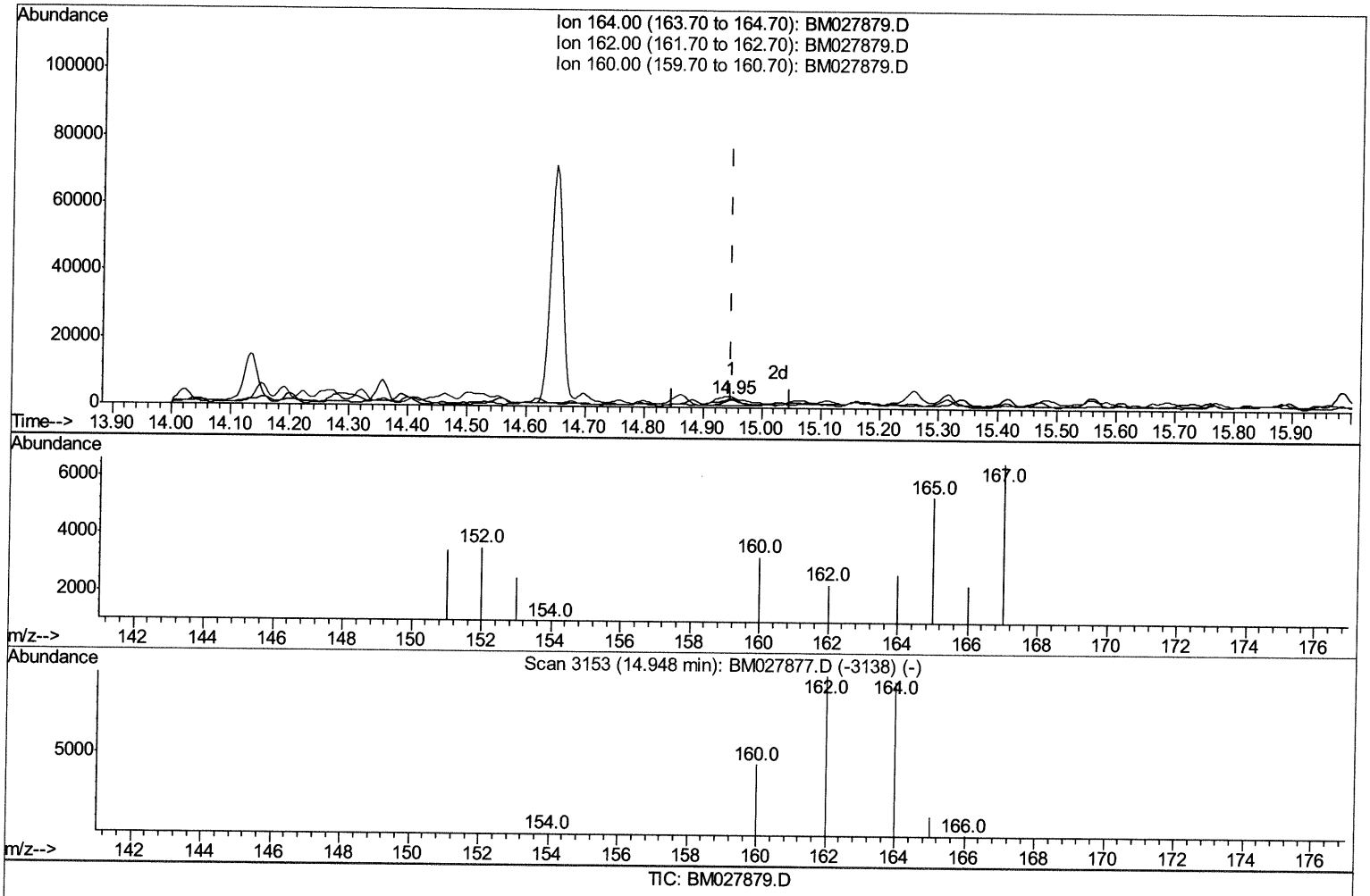
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:08:24 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 :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM



TIC: BM027879.D

(6) Acenaphthene-d10 (I)

14.948min (-0.000) 0.40ng/ul

response 5067

Ion	Exp%	Act%
164.00	100	100
162.00	101.40	86.03
160.00	48.20	121.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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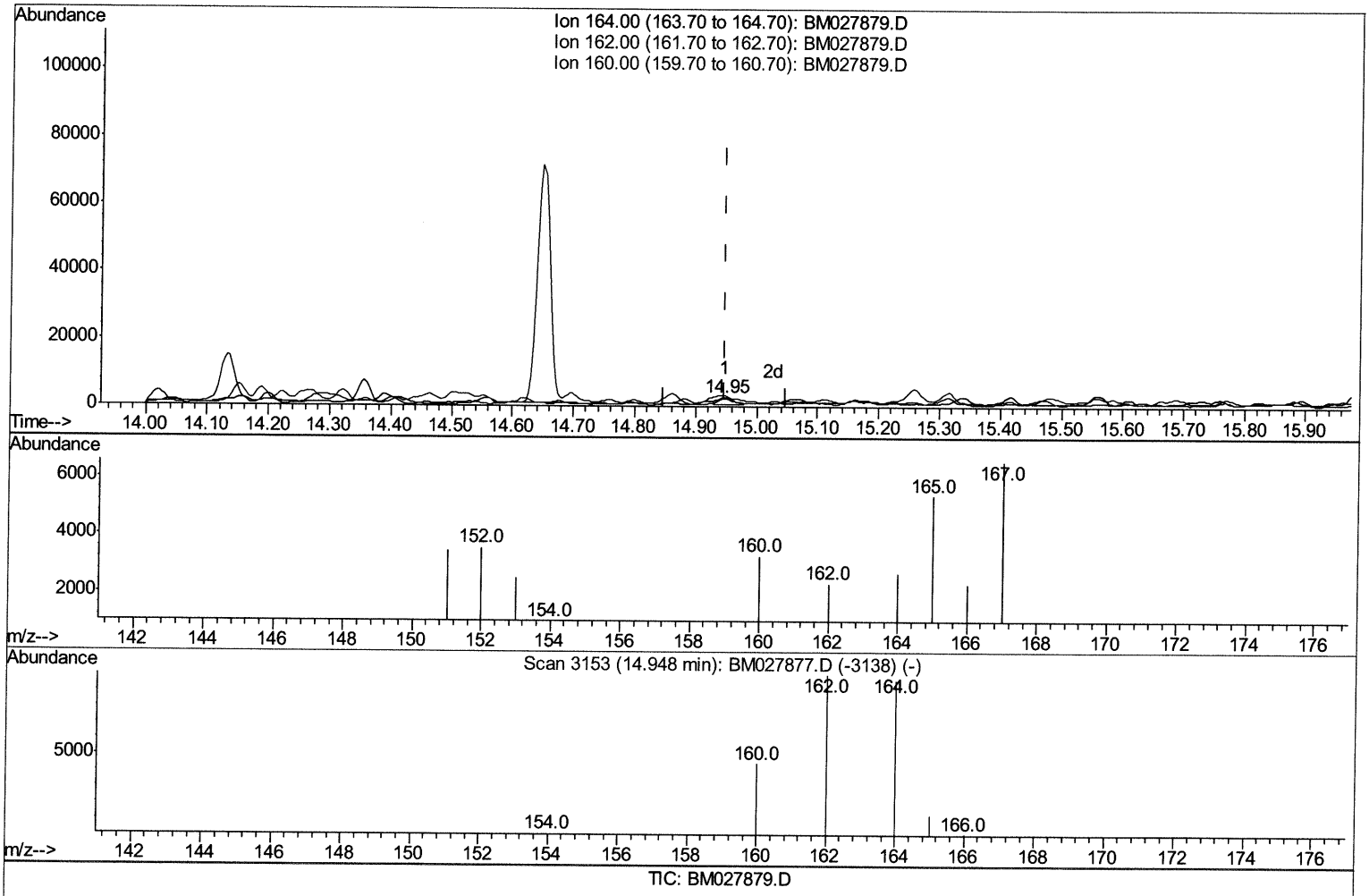
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:08:24 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 :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM



TIC: BM027879.D

(6) Acenaphthene-d10 (I)

14.948min (-0.000) 0.40ng/ul m 11/27/20 JU

response 3415

Ion	Exp%	Act%
164.00	100	100
162.00	101.40	86.03
160.00	48.20	121.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

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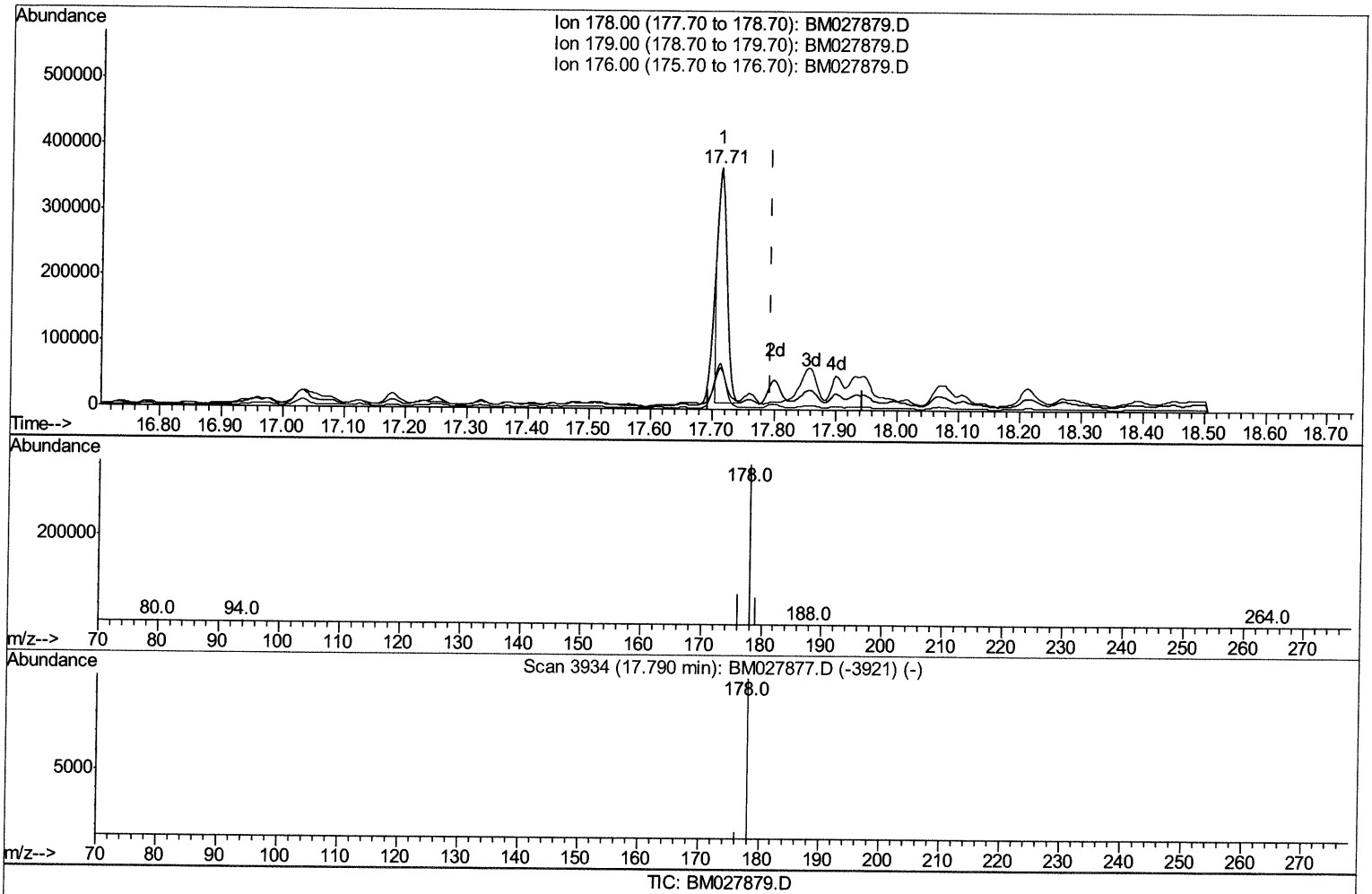
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM



TIC: BM027879.D

(13) Anthracene

17.714min (-0.080) 27.96ng/ul

response 380172

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	17.41
176.00	18.80	19.08
0.00	0.00	0.00

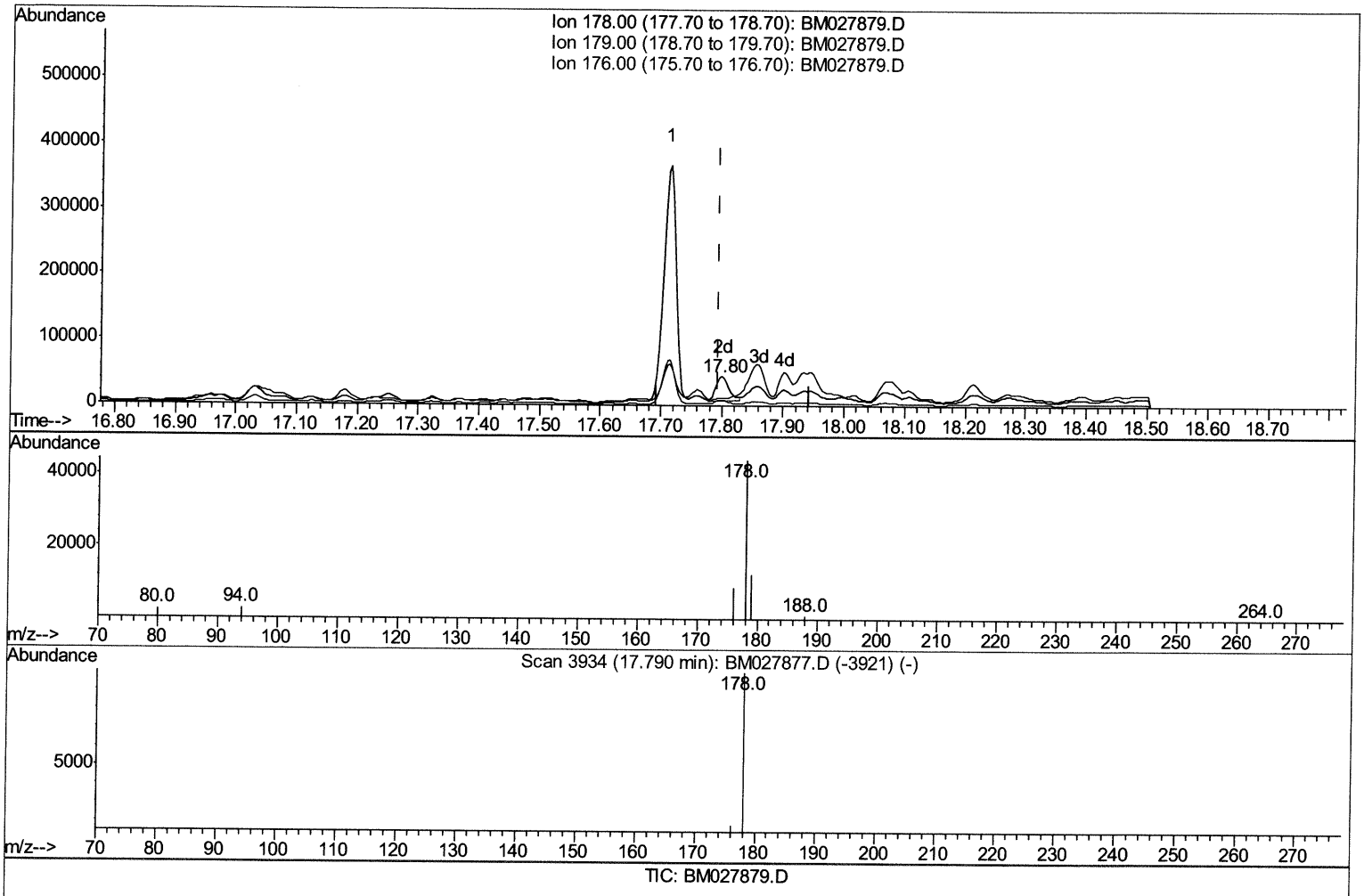
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:09:34 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 :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM



TIC: BM027879.D

(13) Anthracene

17.801min (+0.007) 3.92ng/ul m 11/27/20 JU

response 53293

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	28.05#
176.00	18.80	20.36
0.00	0.00	0.00

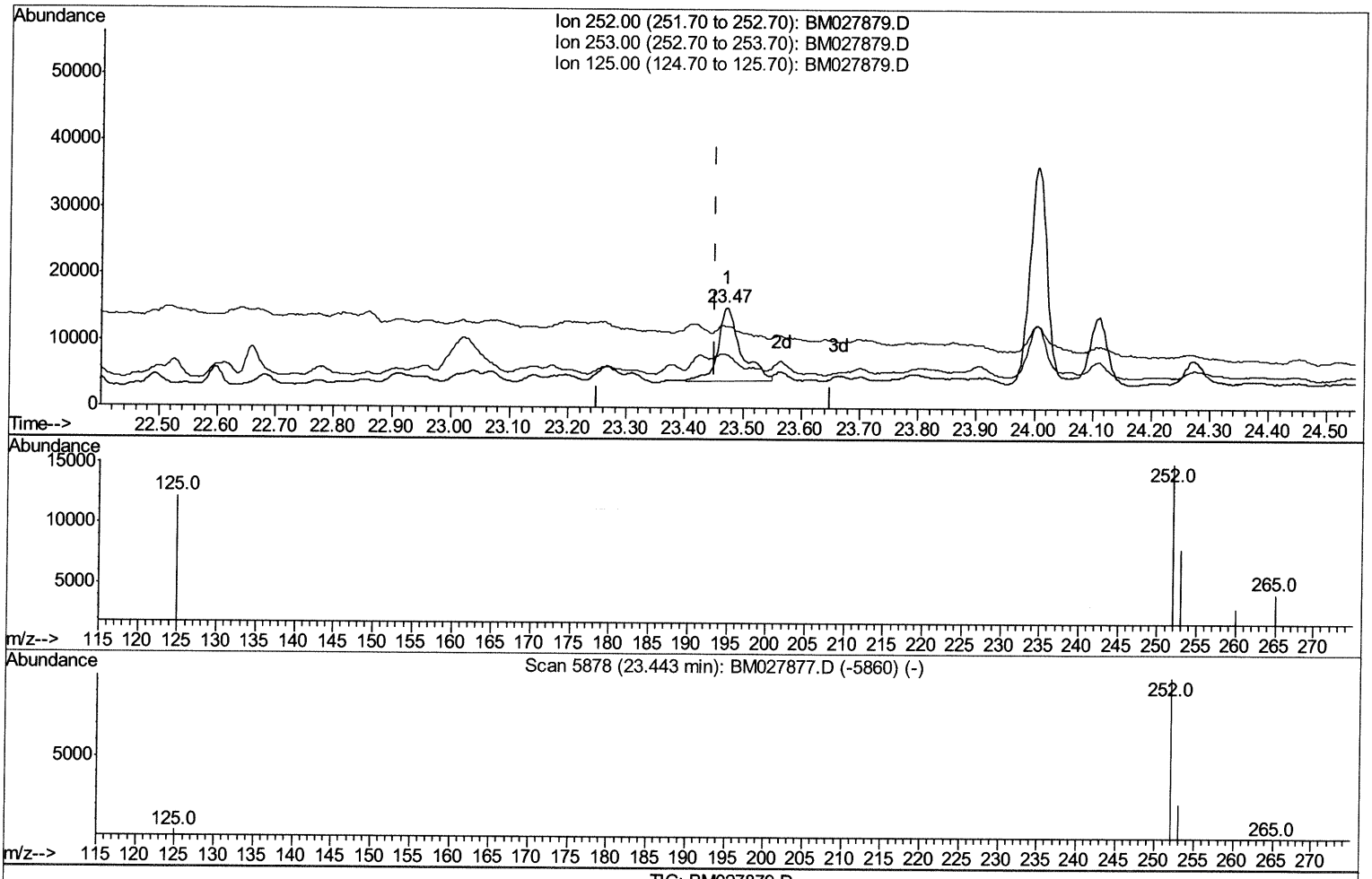
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:09:34 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 :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM



TIC: BM027879.D

(21) Benzo(b)fluoranthene

23.472min (+0.022) 2.55ng/ul

response 30448

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	53.03
125.00	14.20	80.98#
0.00	0.00	0.00

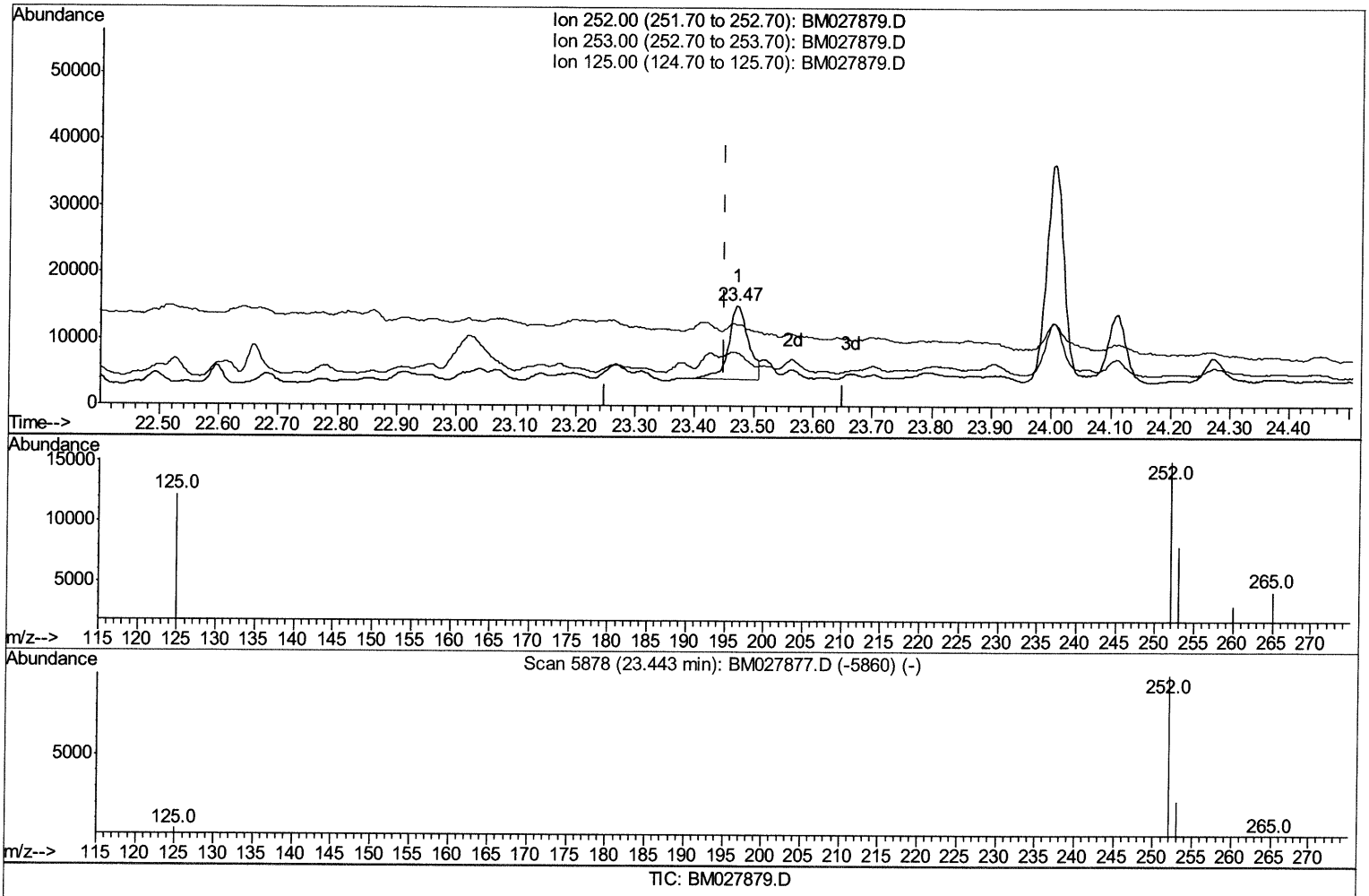
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:09:34 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 :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM



TIC: BM027879.D

(21) Benzo(b)fluoranthene

23.472min (+0.022) 2.19ng/ul m 11/27/20 JU

response 26203

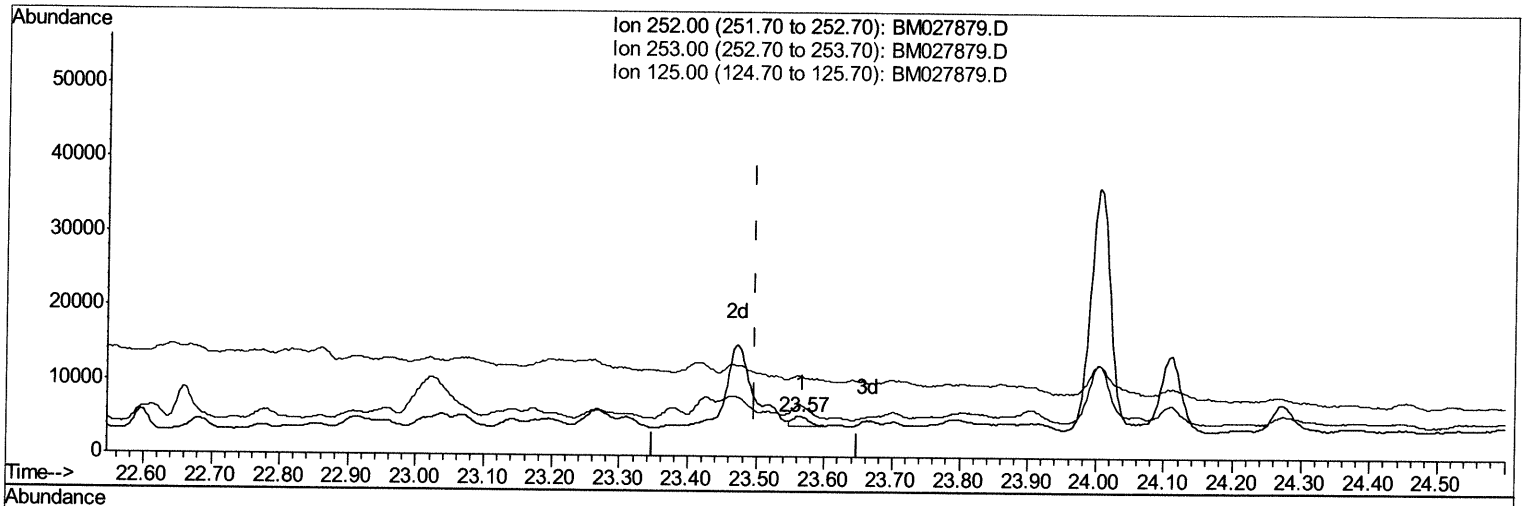
Ion	Exp%	Act%
252.00	100	100
253.00	29.80	53.03
125.00	14.20	80.98#
0.00	0.00	0.00

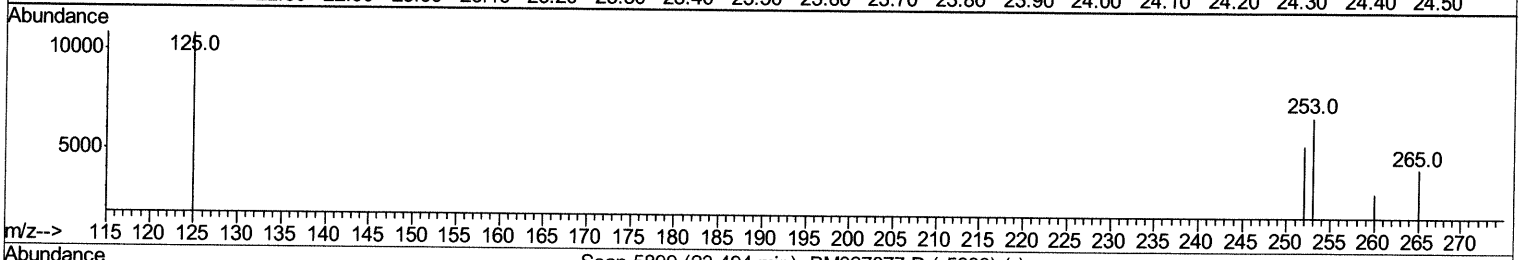
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

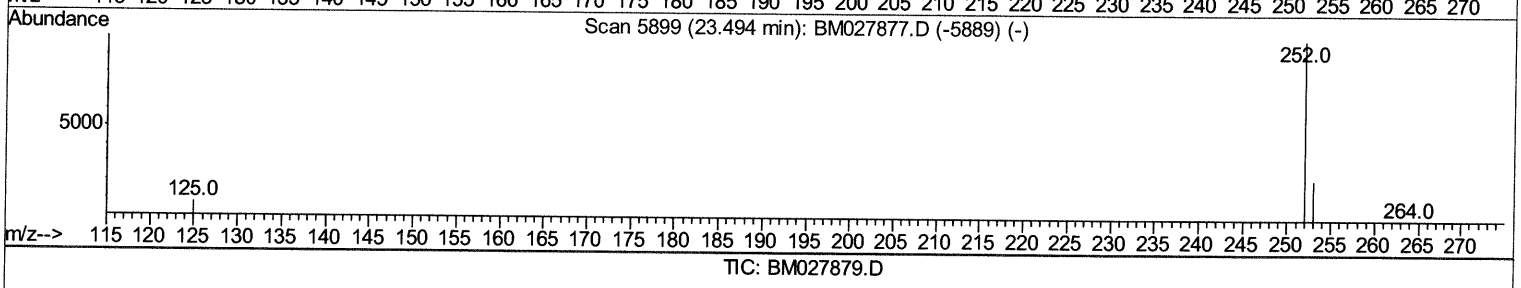
Quant Time: Nov 23 09:09:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM







TIC: BM027879.D

(22) Benzo(k)fluoranthene

23.566min (+0.068) 0.17ng/ul

response 1981

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	126.58#
125.00	14.70	199.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:09:34 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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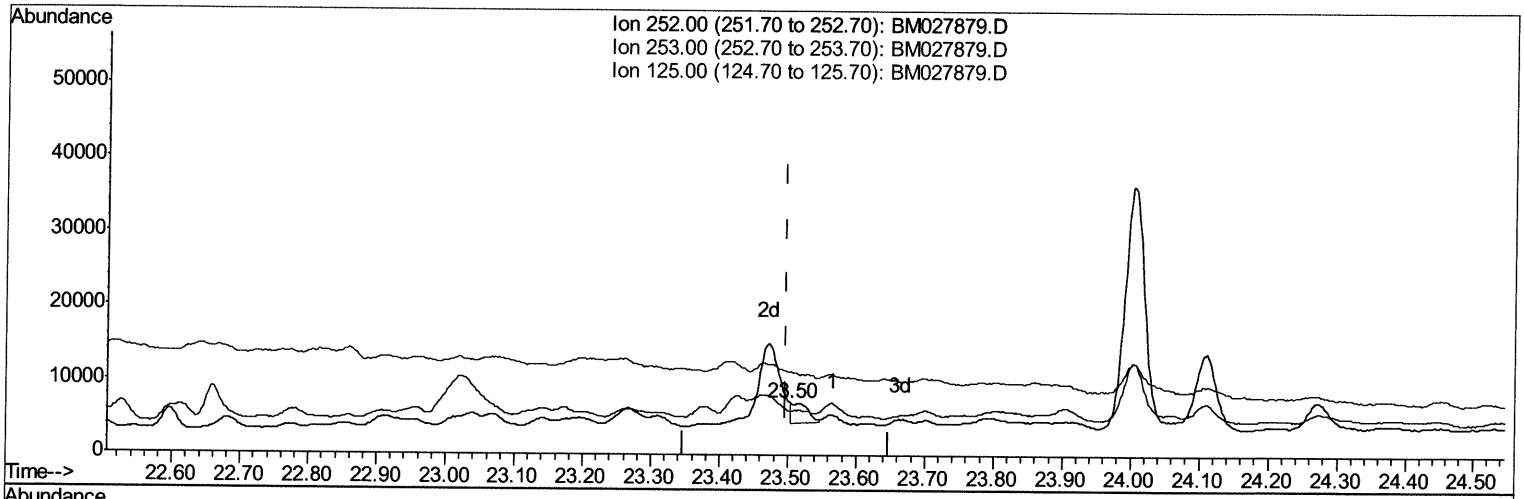
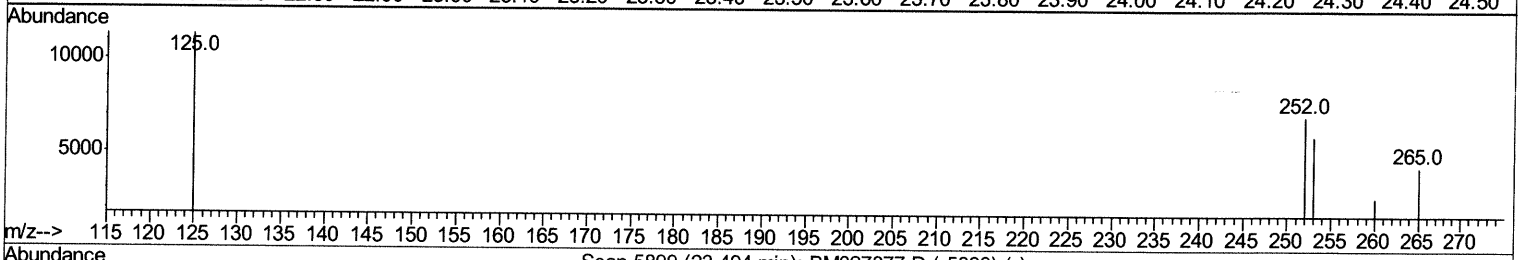
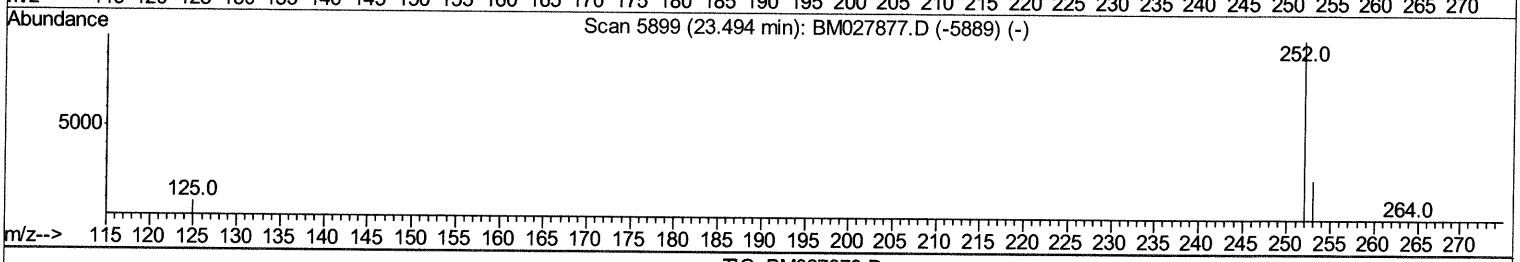
Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM







TIC: BM027879.D

(22) Benzo(k)fluoranthene

23.503min (+0.005) 0.39ng/ul m 11/27/20 JU

response 4567

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	84.76#
125.00	14.70	160.43#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM

Quant Time: Nov 23 09:12:12 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.33	152	841	0.40	ng/ul	0.00	
2) Naphthalene-d8	11.17	136	3174	0.40	ng/ul	0.00	
6) Acenaphthene-d10	14.95	164	3415m>	0.40	ng/ul >	0.00	11/27/20 JU
10) Phenanthrene-d10	17.67	188	4463	0.40	ng/ul	0.00	
16) Chrysene-d12	21.78	240	4151	0.40	ng/ul	0.00	
20) Perylene-d12	24.22	264	2845	0.40	ng/ul	0.03	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.73	152	1523	0.28	ng/ul	0.00	
14) Fluoranthene-d10	19.65	212	2071	0.17	ng/ul	0.00	
Target Compounds						Qvalue	
3) Naphthalene	11.22	128	61398	6.454	ng/ul	97	
5) 2-Methylnaphthalene	12.81	142	166736	25.763	ng/ul	100	
7) Acenaphthylene	14.67	152	15396	0.924	ng/ul#	1	
8) Acenaphthene	15.02	153	40294	3.227	ng/ul#	85	
9) Fluorene	15.99	166	54724	3.778	ng/ul#	90	
12) Phenanthrene	17.71	178	494764	35.094	ng/ul	98	
13) Anthracene	17.80	178	53293m>	3.919	ng/ul>		11/27/20 JU
15) Fluoranthene	19.69	202	75359	4.821	ng/ul	92	
17) Pyrene	20.05	202	450048	21.348	ng/ul#	97	
18) Benzo(a)anthracene	21.76	228	44529	2.659	ng/ul#	33	
19) Chrysene	21.81	228	56066	3.437	ng/ul#	70	
21) Benzo(b)fluoranthene	23.47	252	26203m>	2.192	ng/ul>		11/27/20 JU
22) Benzo(k)fluoranthene	23.50	252	4567m>	0.390	ng/ul>		
23) Benzo(a)pyrene	24.11	252	21640	2.070	ng/ul#	35	
24) Indeno(1,2,3-cd)pyrene	26.73	276	9259	0.818	ng/ul#	97	
25) Dibenzo(a,h)anthracene	26.72	278	4838	0.513	ng/ul#	1	
26) Benzo(g,h,i)perylene	27.51	276	17821	1.877	ng/ul#	83	

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