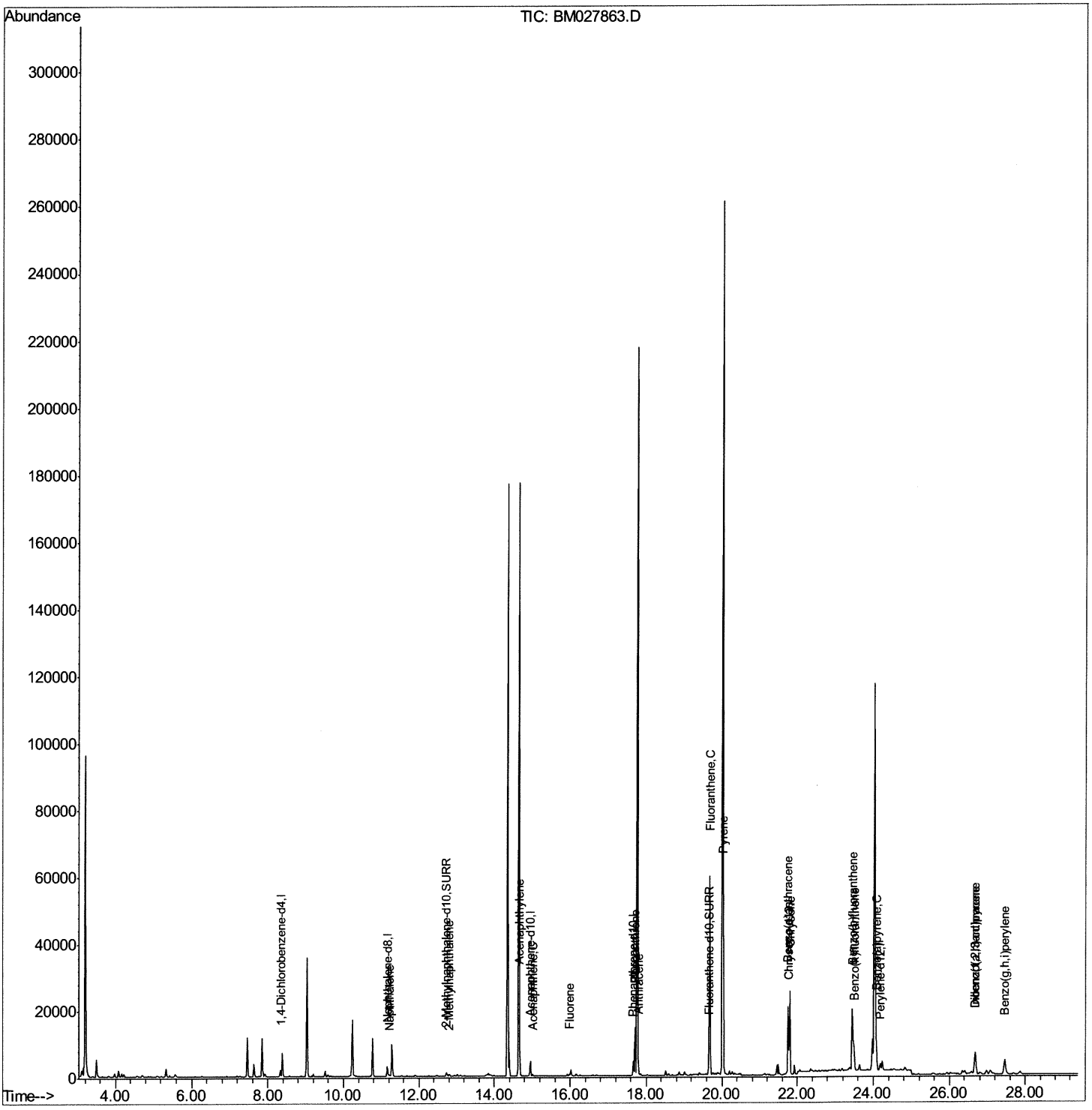
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 03:02:35 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 : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 03:00:10 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 : Sat Nov 21 02:40:49 2020
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ClientSampleId :
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Manual Integrations APPROVED
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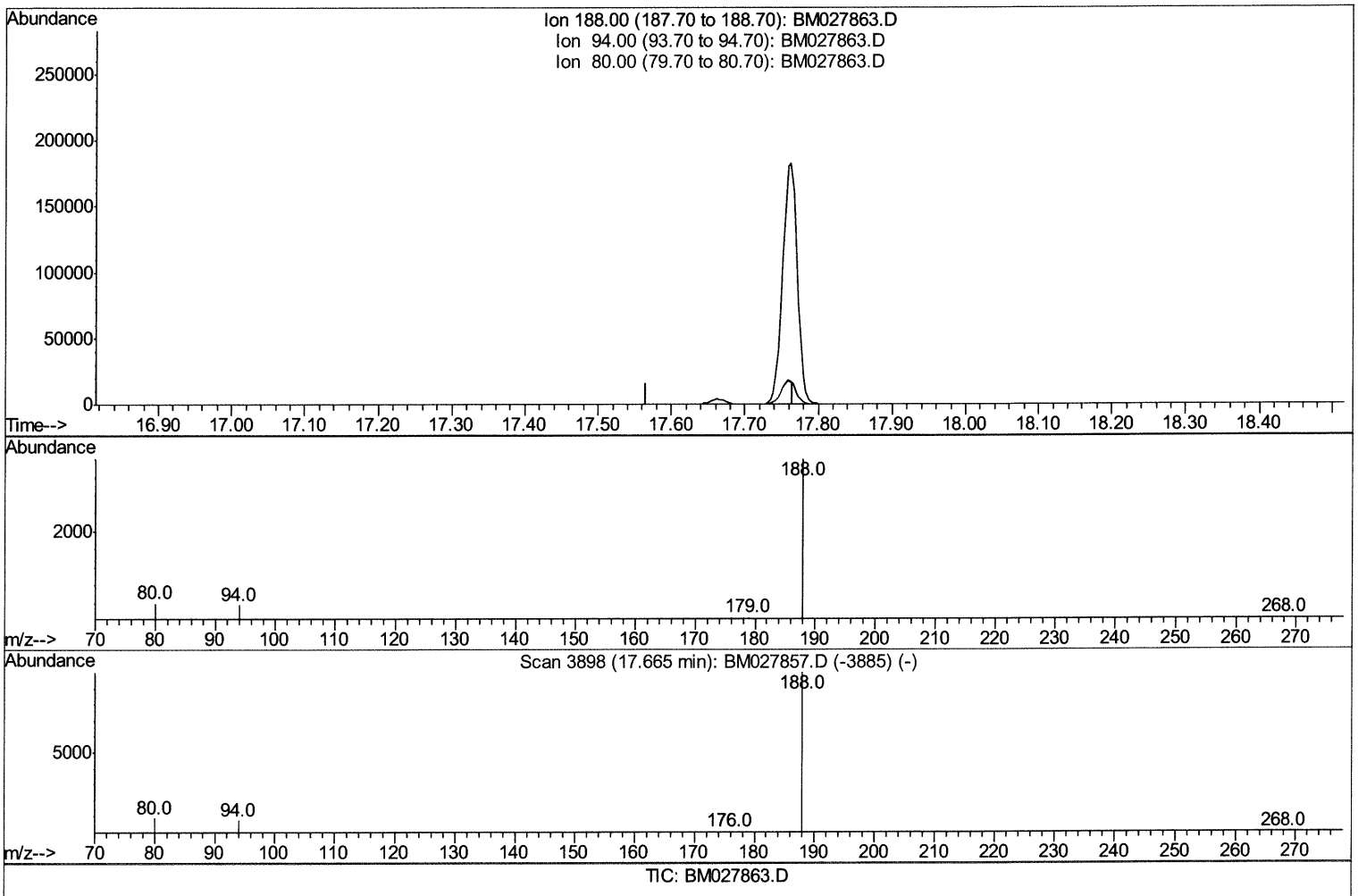
11/24/2020 8:57:41 AM



(10) Phenanthrene-d10 (I)

17.666min (-17.666) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	9.30	0.00#
80.00	10.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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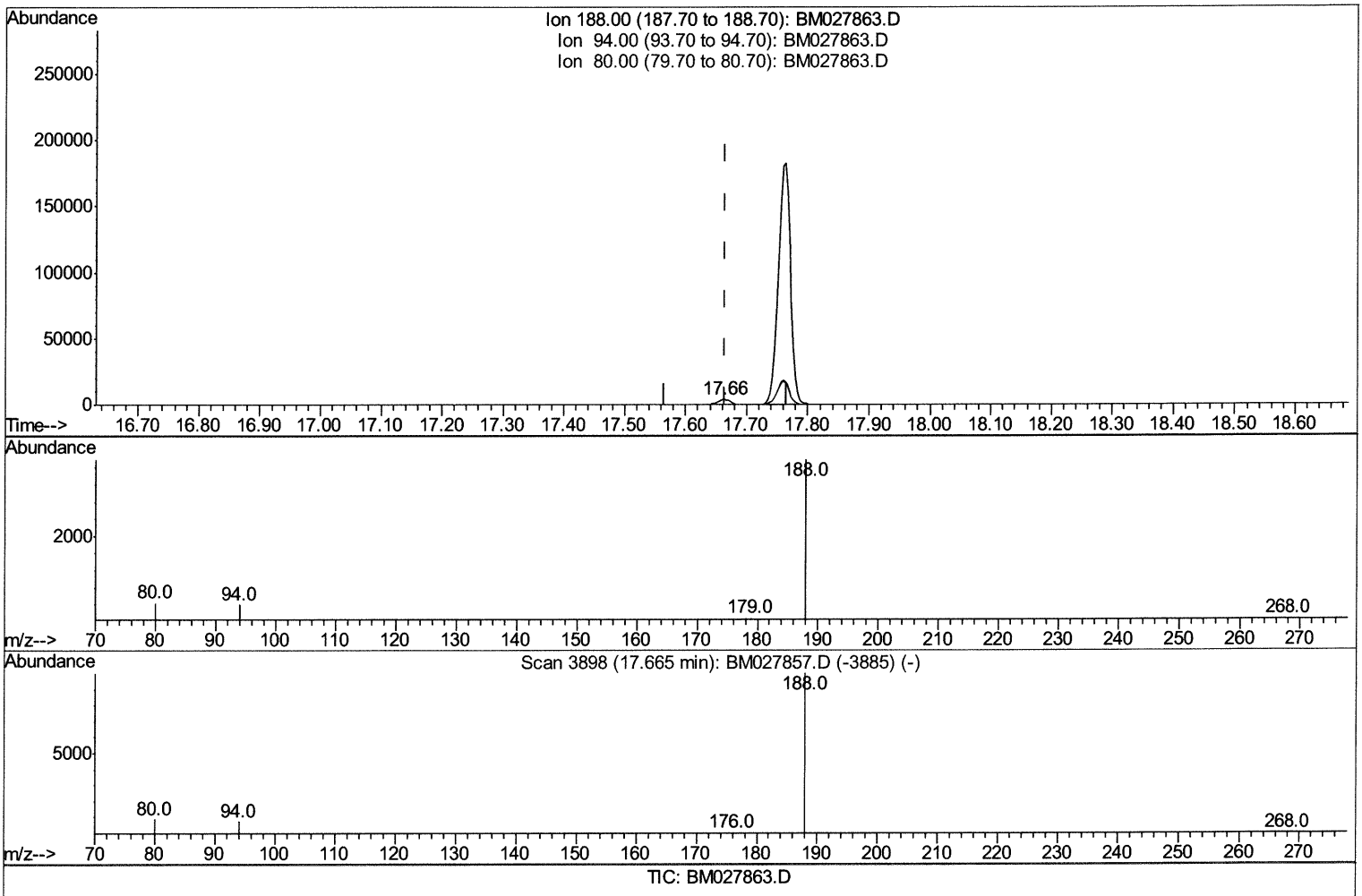
Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM



TIC: BM027863.D

(10) Phenanthrene-d10 (I)

17.662min (-0.004) 0.40ng/ul m 11/21/2020

response 5073

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	10.65
80.00	10.20	11.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 03:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Sat Nov 21 02:40:49 2020
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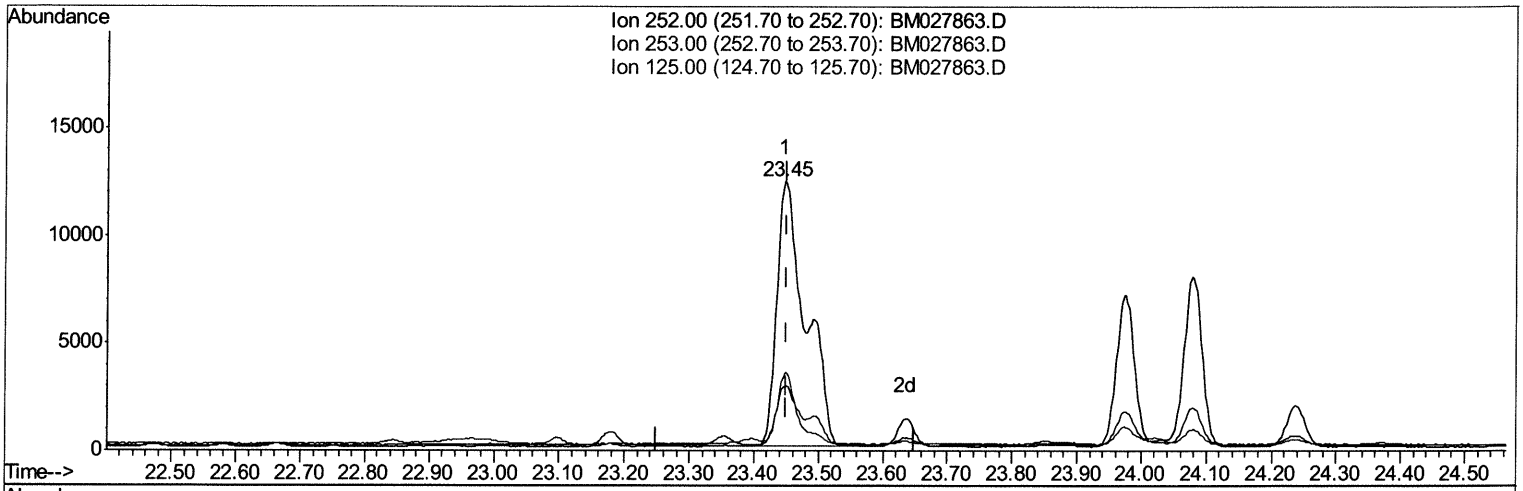
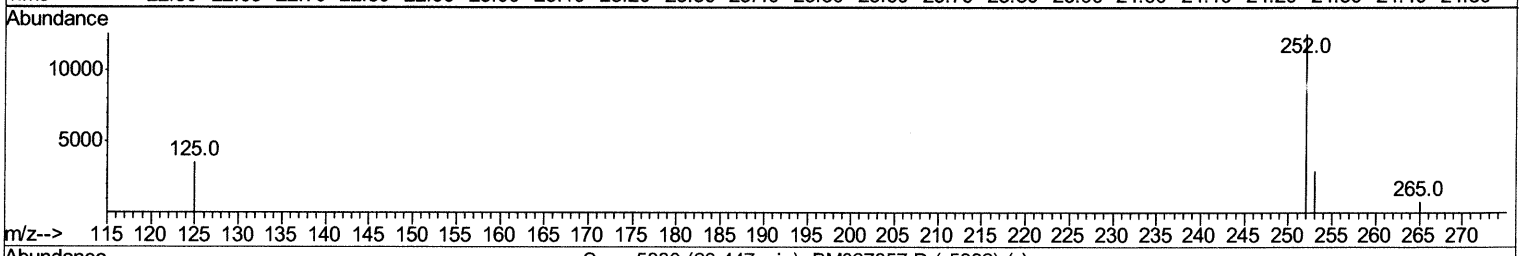
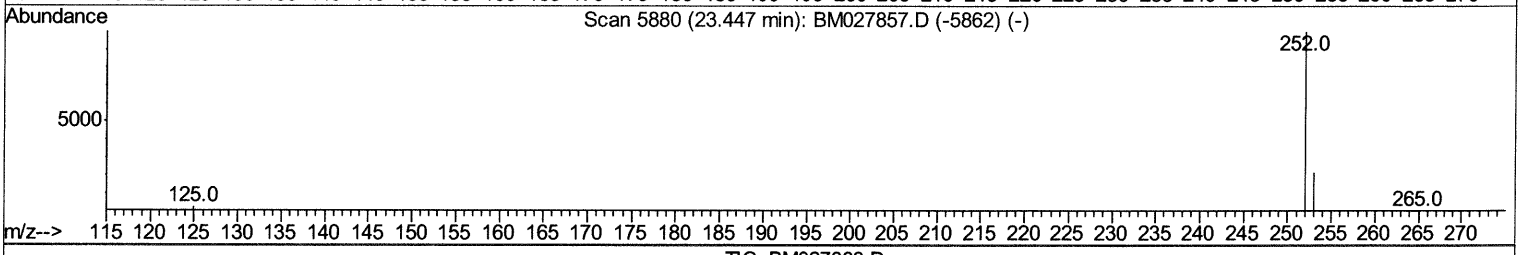
Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM







TIC: BM027863.D

(21) Benzo(b)fluoranthene

23.447min (-0.003) 3.42ng/ul

response 38111

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.79
125.00	14.20	28.62#
0.00	0.00	0.00

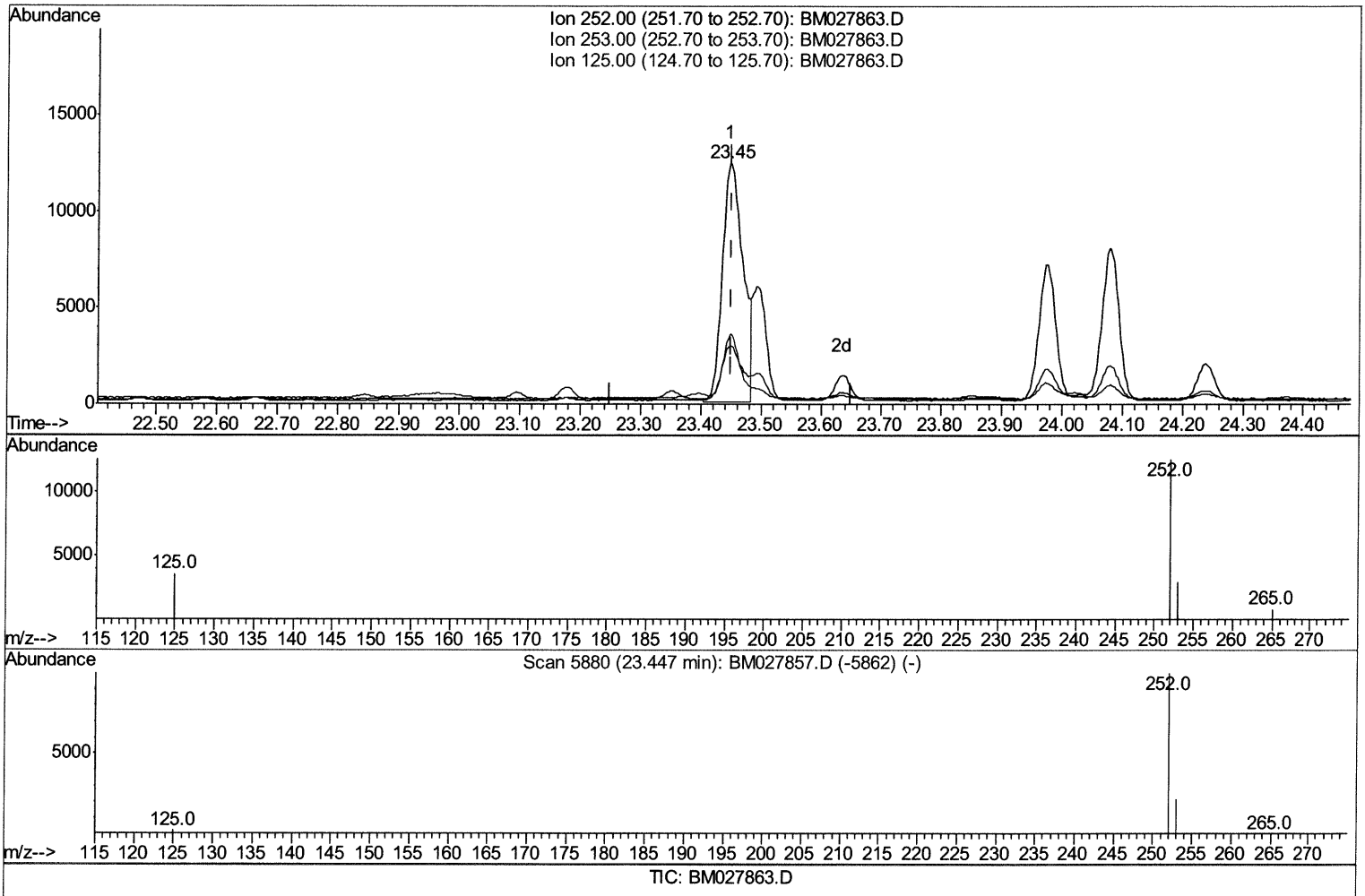
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 03:00:49 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 : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM



TIC: BM027863.D

(21) Benzo(b)fluoranthene

23.447min (-0.003) 2.61ng/ul m 11/27/20 JU

response 29072

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.79
125.00	14.20	28.62#
0.00	0.00	0.00

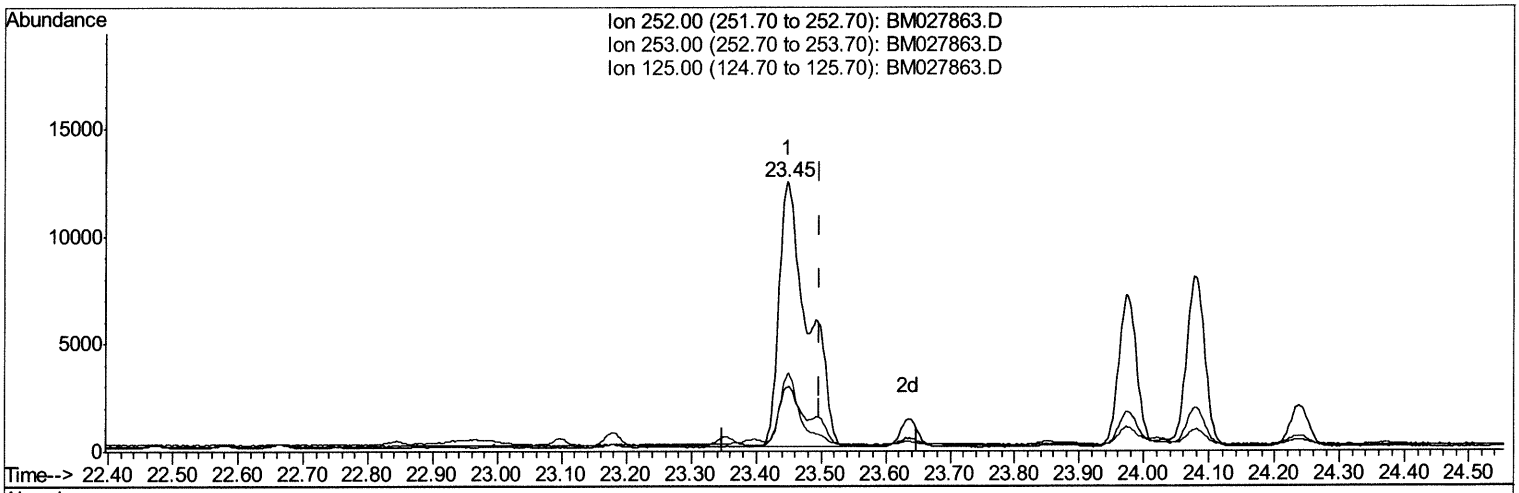
Quantitation Report (Qedit)

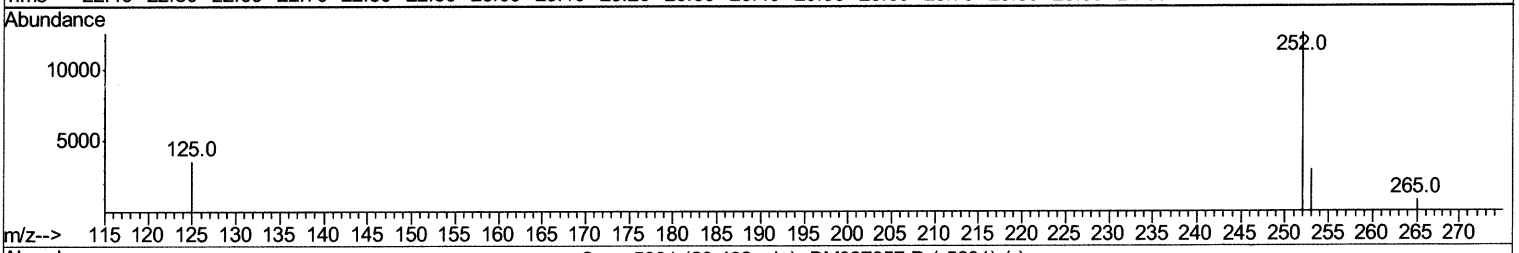
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

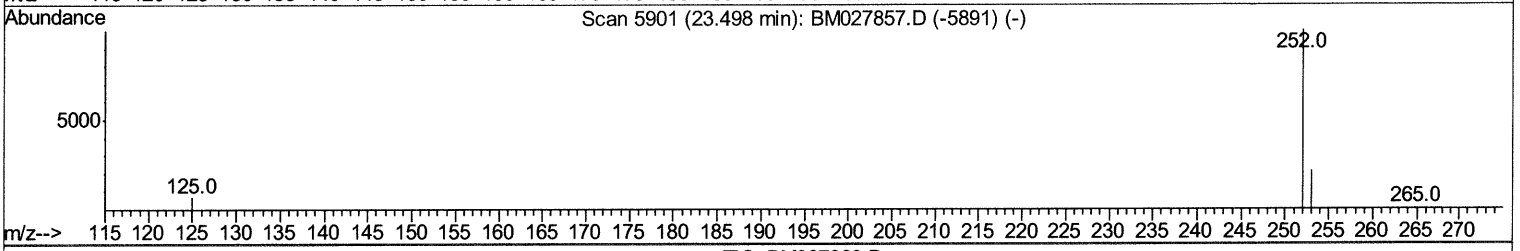
Quant Time: Nov 21 03:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM







TIC: BM027863.D

(22) Benzo(k)fluoranthene

23.447min (-0.051) 3.49ng/ul

response 38118

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	23.79
125.00	14.70	28.62#
0.00	0.00	0.00

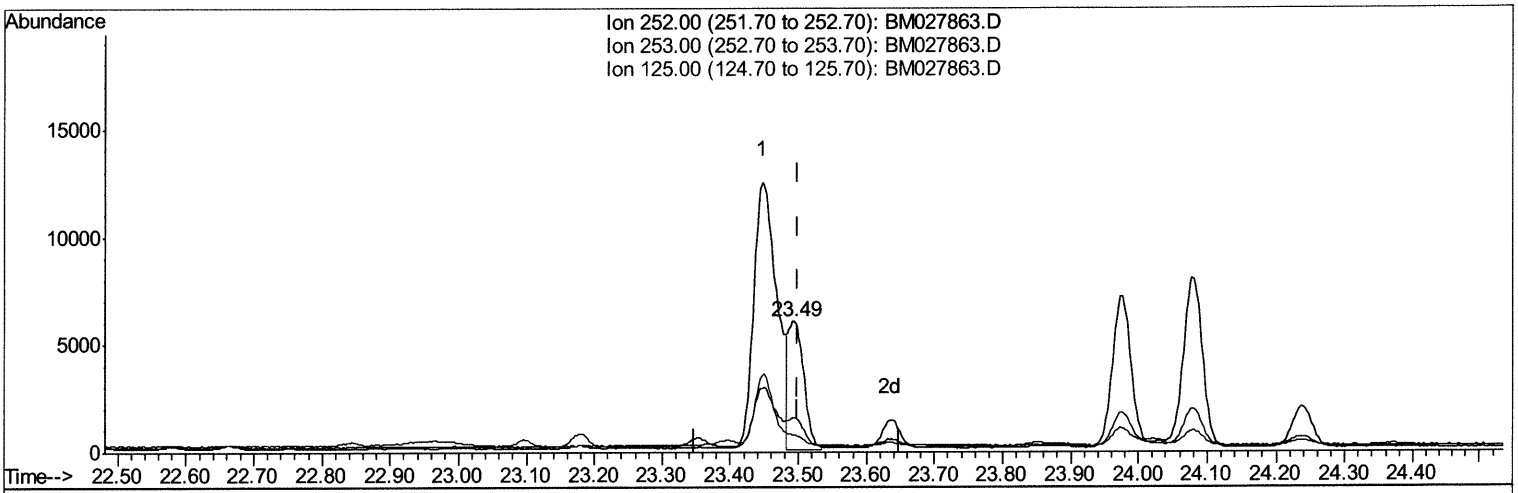
Quantitation Report (Qedit)

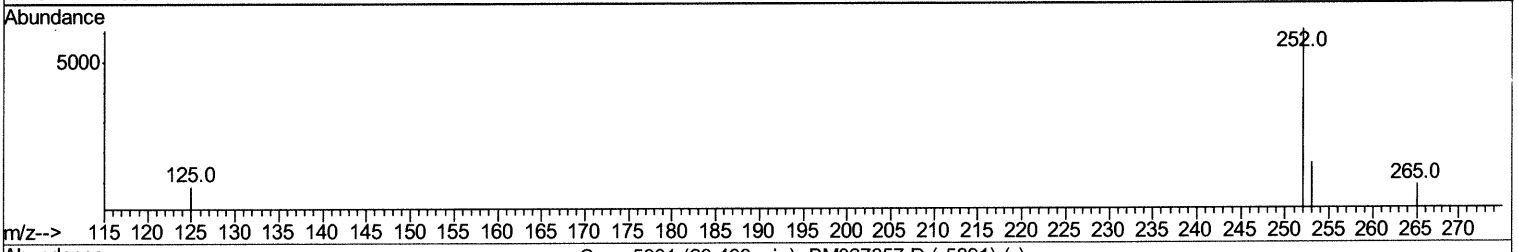
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

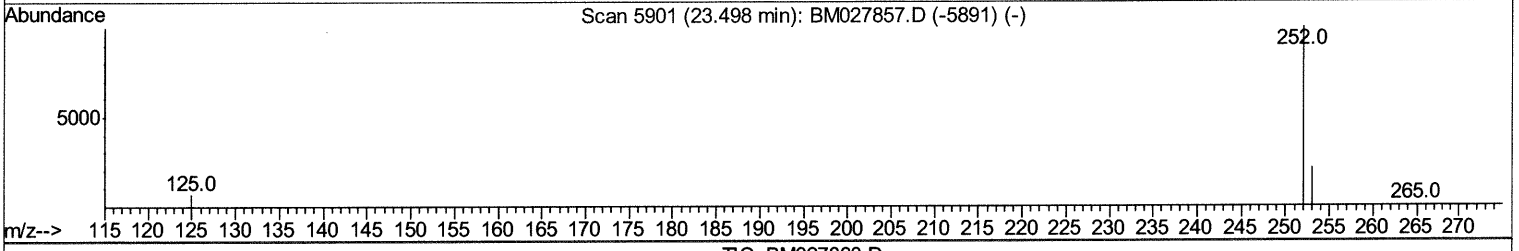
Quant Time: Nov 21 03:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM







TIC: BM027863.D

(22) Benzo(k)fluoranthene

23.493min (-0.005) 0.89ng/ul m 11/27/2034

response 9711

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	26.18
125.00	14.70	13.45
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

Quant Time: Nov 21 03:02:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.33	152	963	0.40	ng/ul	0.00	
2) Naphthalene-d8	11.17	136	3898	0.40	ng/ul	0.00	
6) Acenaphthene-d10	14.95	164	2514	0.40	ng/ul	0.00	
10) Phenanthrene-d10	17.66	188	5073m>	0.40	ng/ul>	0.00	11/27/20 JV
16) Chrysene-d12	21.77	240	3524	0.40	ng/ul	0.00	
20) Perylene-d12	24.19	264	2652	0.40	ng/ul	0.00	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.73	152	1352	0.21	ng/ul	0.00	
14) Fluoranthene-d10	19.65	212	3018	0.22	ng/ul	0.00	
Target Compounds						Qvalue	
3) Naphthalene	11.22	128	452	0.039	ng/ul#	69	
5) 2-Methylnaphthalene	12.81	142	296	0.037	ng/ul	99	
7) Acenaphthylene	14.67	152	495	0.040	ng/ul#	74	
8) Acenaphthene	15.01	153	244	0.027	ng/ul	95	
9) Fluorene	15.98	166	350	0.033	ng/ul#	90	
12) Phenanthrene	17.70	178	14639	0.913	ng/ul	98	
13) Anthracene	17.79	178	1645	0.106	ng/ul#	91	
15) Fluoranthene	19.68	202	49846	2.805	ng/ul	100	
17) Pyrene	20.04	202	40659	2.272	ng/ul	98	
18) Benzo(a)anthracene	21.75	228	17263	1.214	ng/ul	99	
19) Chrysene	21.80	228	25330	1.829	ng/ul	99	
21) Benzo(b)fluoranthene	23.45	252	29072m}	2.608	ng/ul}		11/27/20 JV
22) Benzo(k)fluoranthene	23.49	252	9711m}	0.890	ng/ul}		
23) Benzo(a)pyrene	24.08	252	15552	1.596	ng/ul#	88	
24) Indeno(1,2,3-cd)pyrene	26.68	276	11503	1.090	ng/ul#	97	
25) Dibenzo(a,h)anthracene	26.69	278	2721	0.310	ng/ul#	82	
26) Benzo(g,h,i)perylene	27.46	276	10102	1.141	ng/ul	96	

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