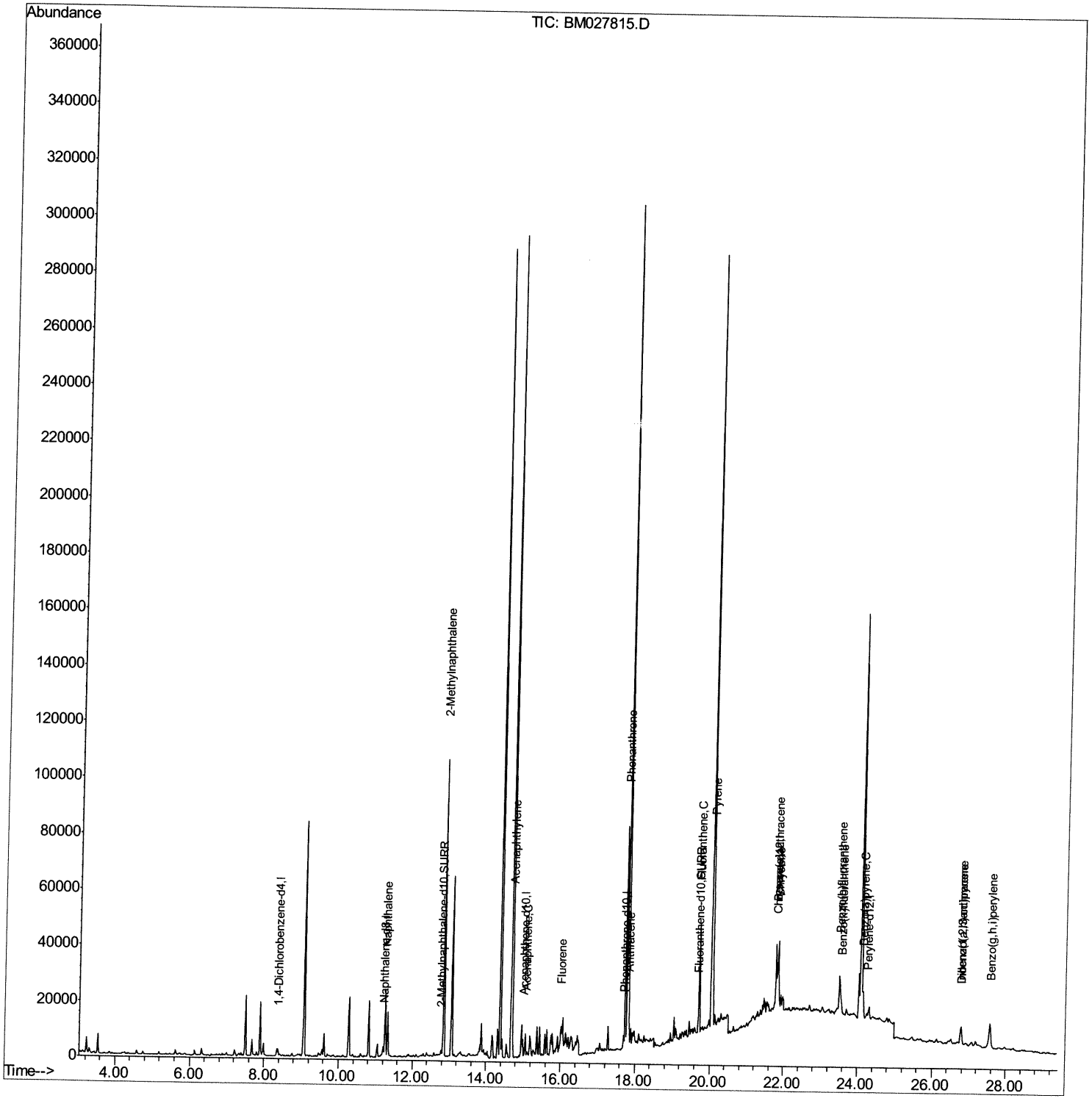
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:49:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:46:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
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Instrument :
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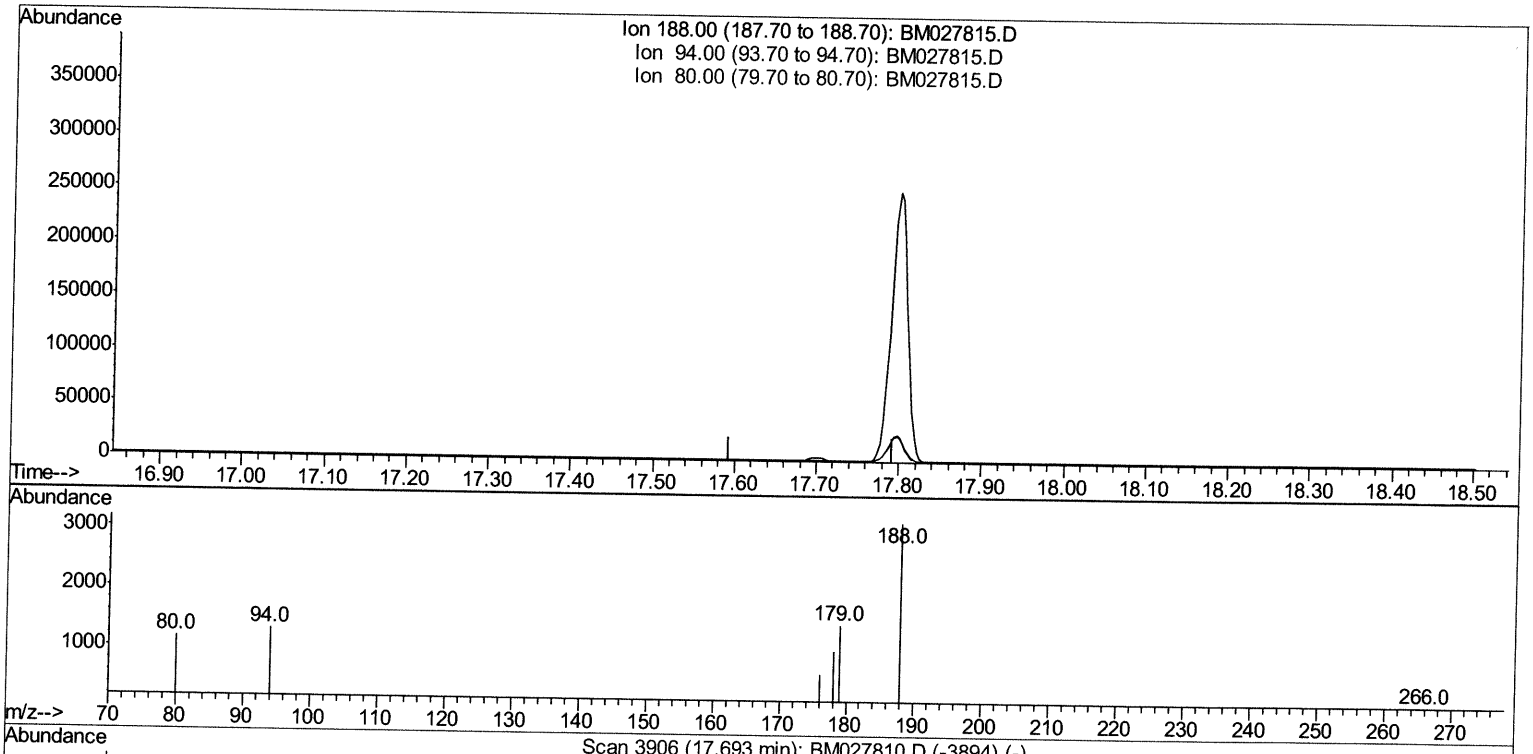
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



TIC: BM027815.D

(10) Phenanthrene-d10 (I)

17.693min (-17.693) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	9.00	0.00#
80.00	9.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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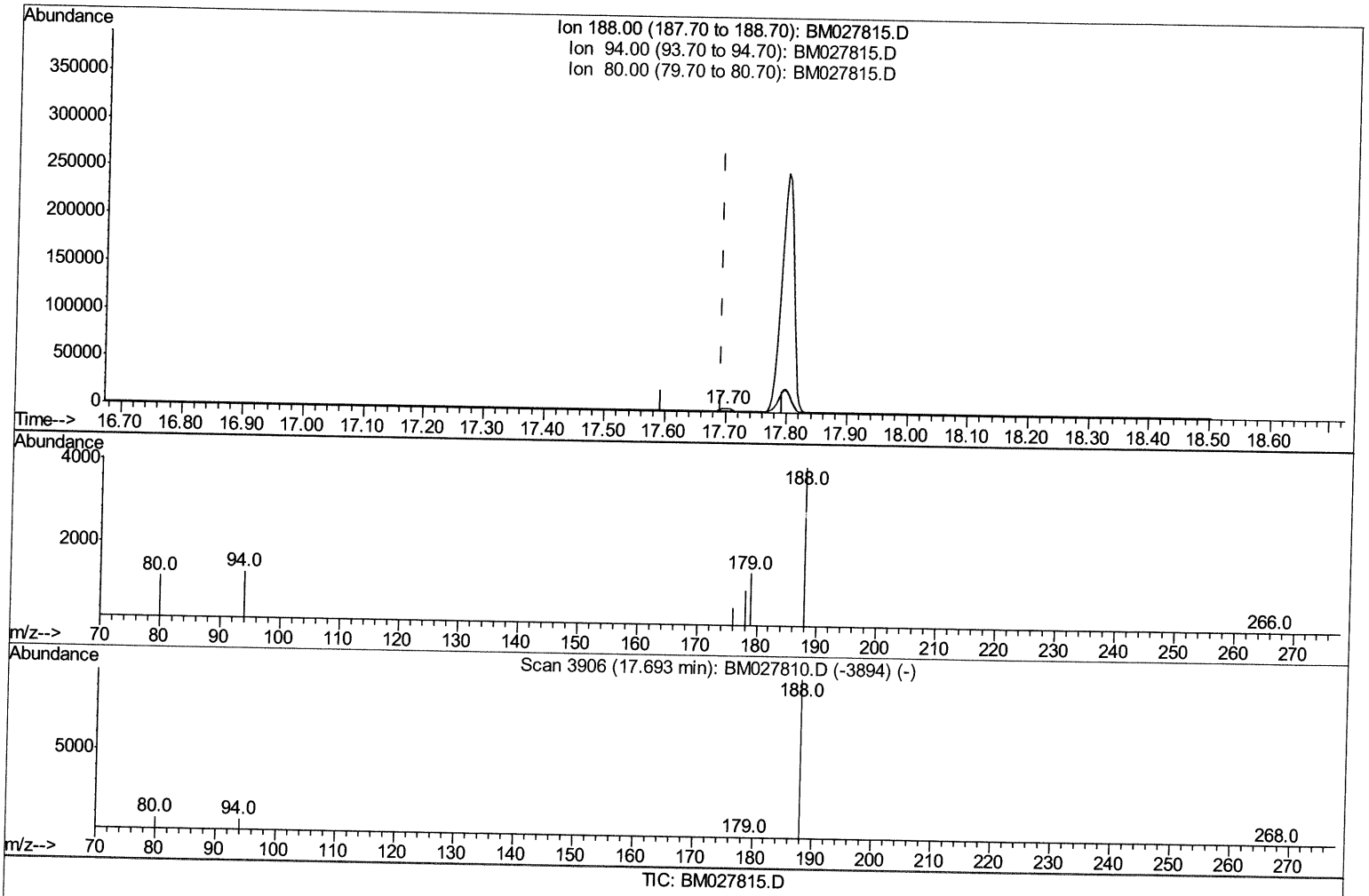
Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



(10) Phenanthrene-d10 (I)

17.700min (+0.007) 0.40ng/ul m 12/03/2020

response 6175

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	32.34#
80.00	9.60	29.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:47:34 2020
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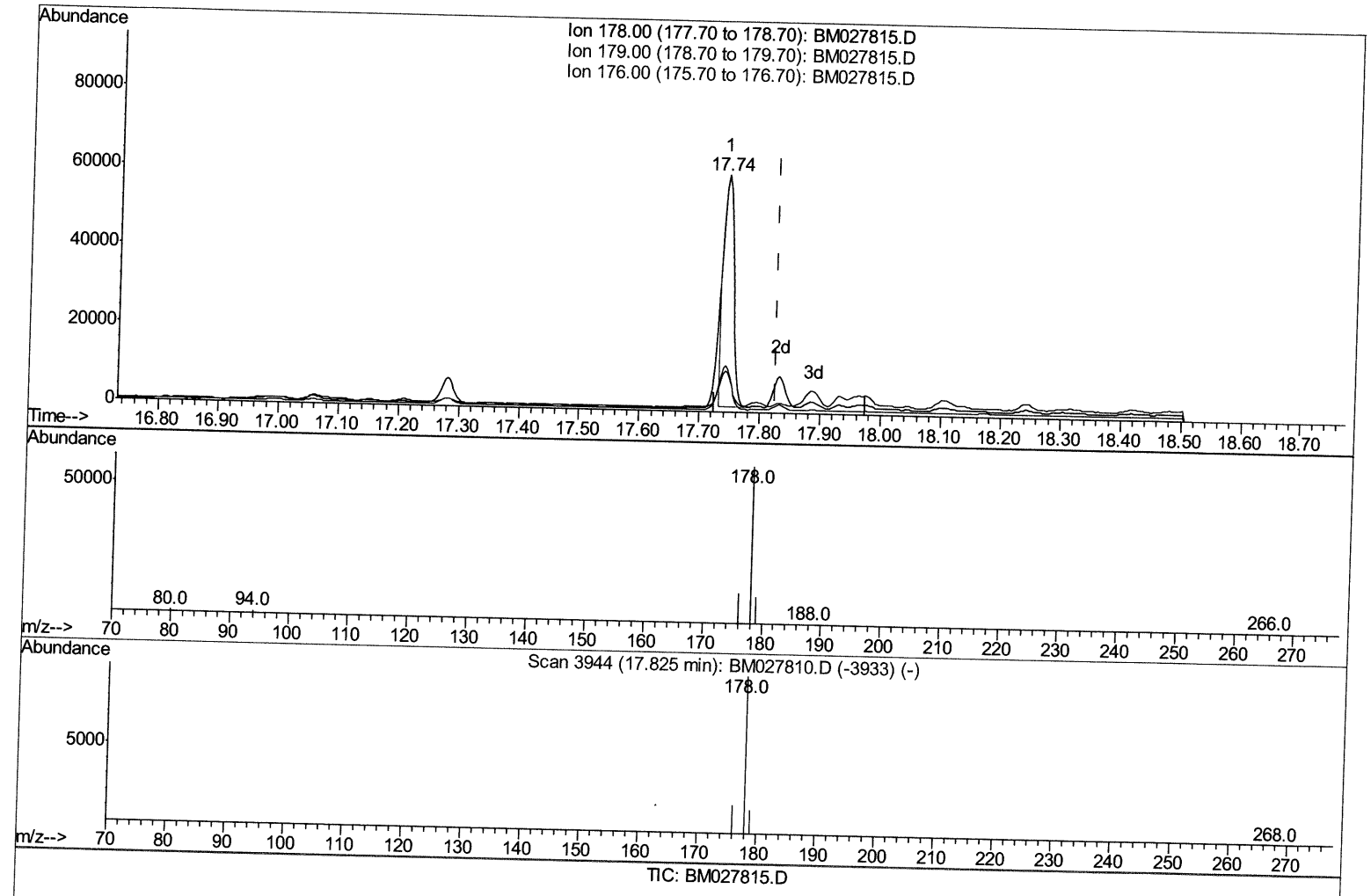
Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



TIC: BM027815.D

(13) Anthracene

17.742min (-0.083) 3.47ng/ul

response 67952

Ion	Exp%	Act%
178.00	100	100
179.00	17.00	17.12
176.00	19.30	19.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:47:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
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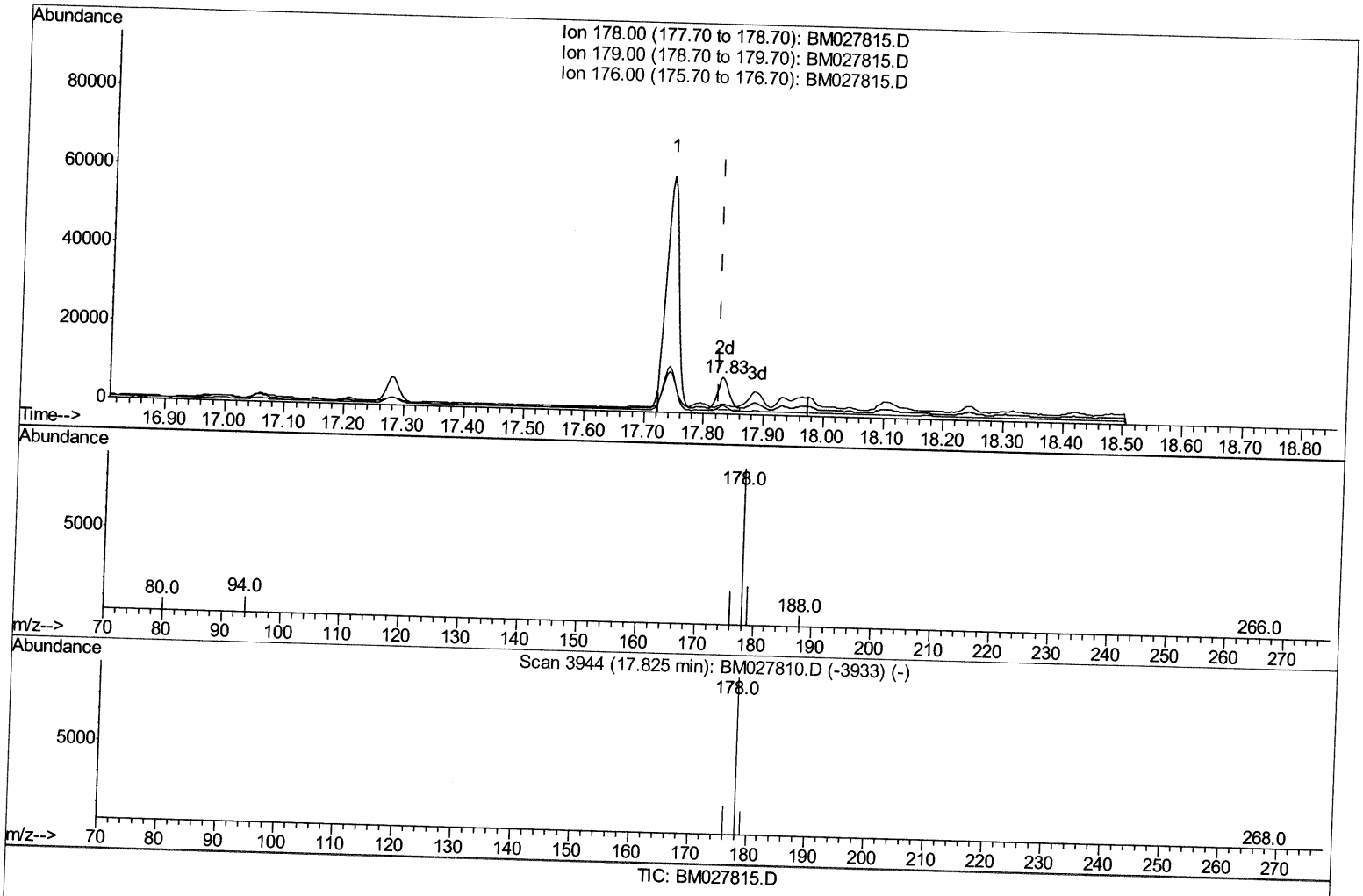
Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



(13) Anthracene

17.832min (+0.007) 0.57ng/ul m 12/03/2020

response 11078

Ion	Exp%	Act%
178.00	100	100
179.00	17.00	26.34#
176.00	19.30	22.95
0.00	0.00	0.00

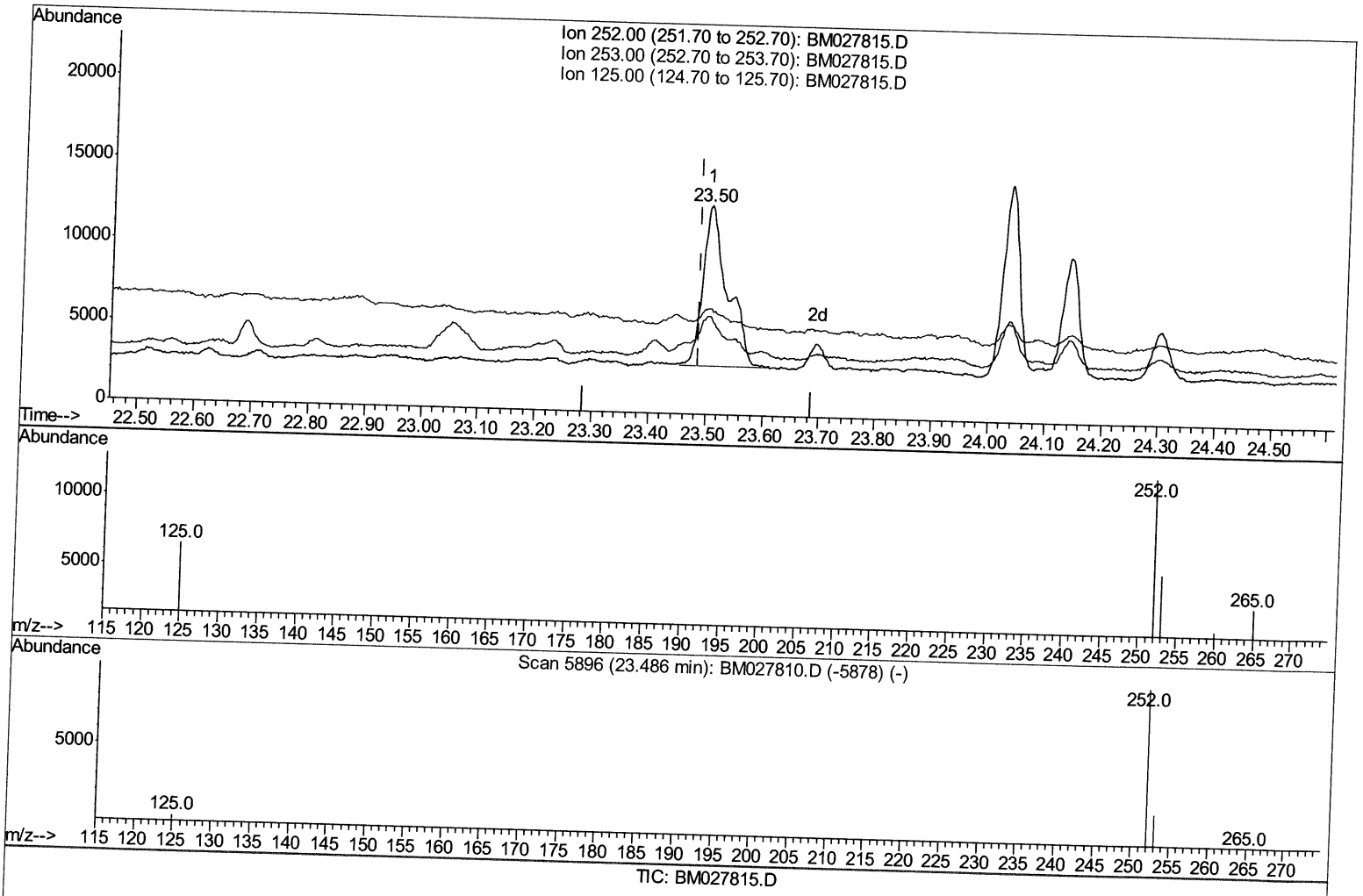
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:47:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



(21) Benzo(b)fluoranthene

23.503min (+0.017) 2.50ng/ul

response 30057

Ion	Exp%	Act%
252.00	100	100
253.00	26.10	46.82
125.00	8.80	50.70#
0.00	0.00	0.00

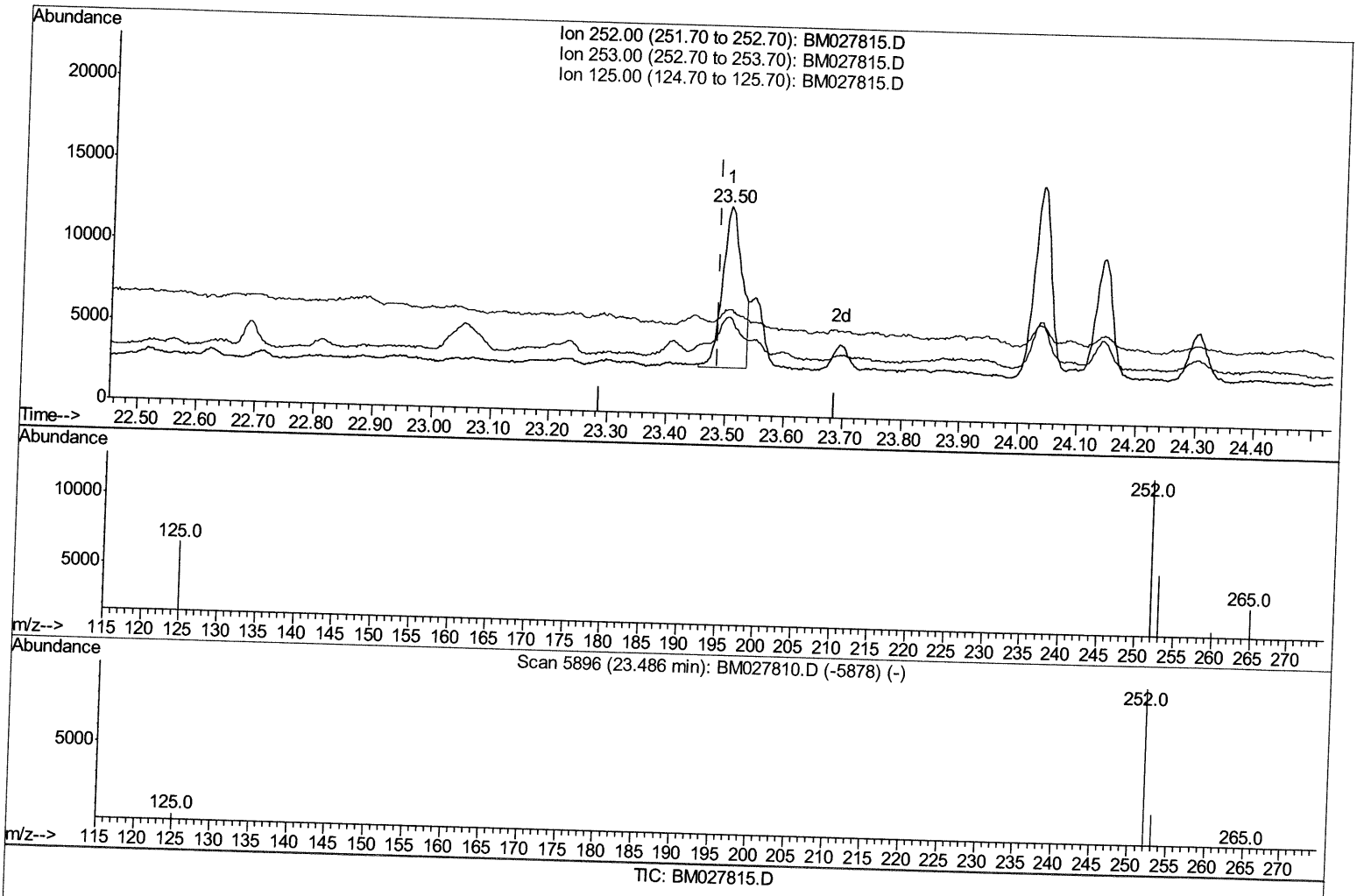
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:47:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



(21) Benzo(b)fluoranthene

23.503min (+0.017) 1.91ng/ul m 12/03/20 JU

response 23020

Ion	Exp%	Act%
252.00	100	100
253.00	26.10	46.82
125.00	8.80	50.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
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Acq On : 17 Nov 2020 12:03
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Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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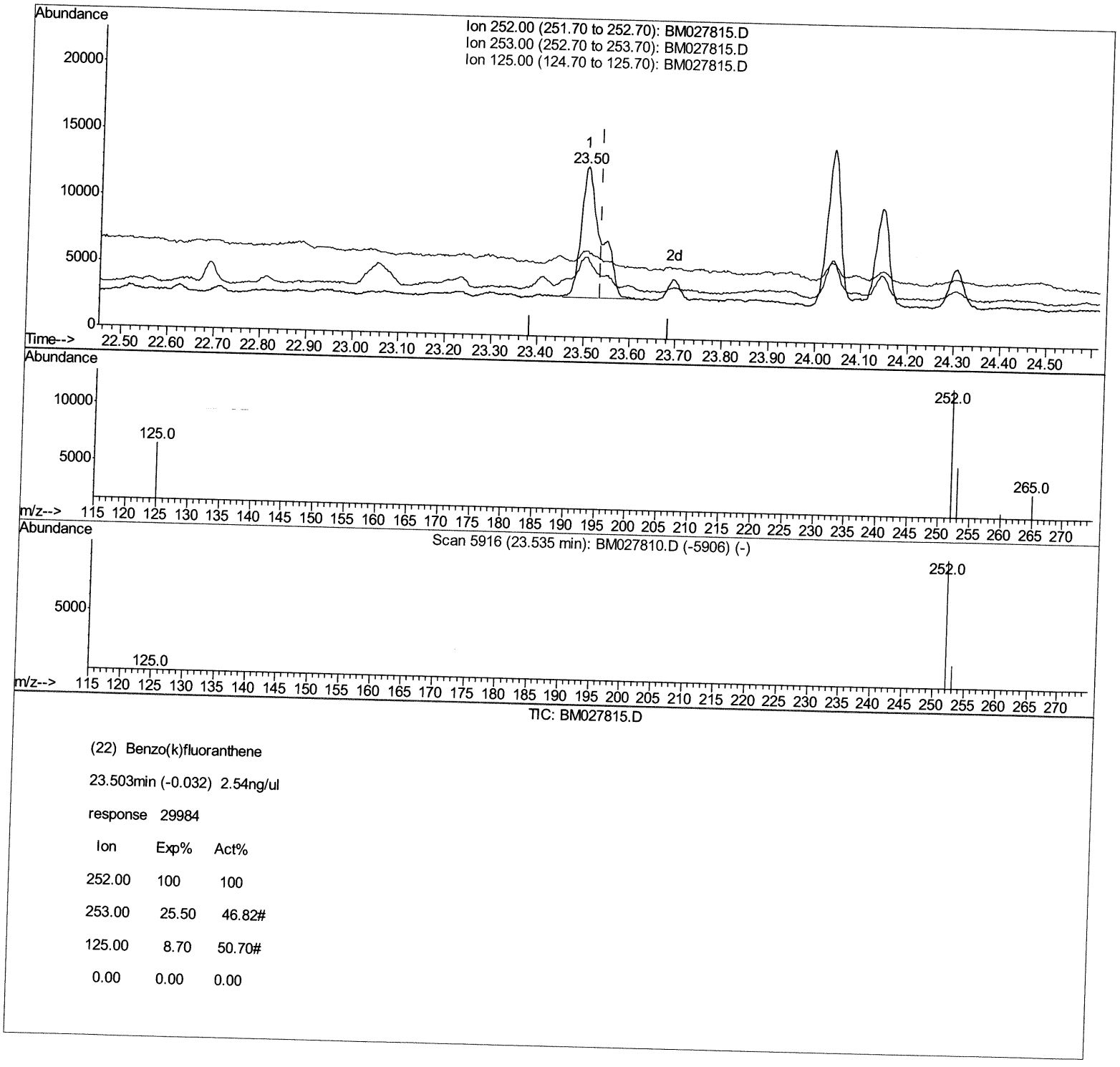
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



(22) Benzo(k)fluoranthene

23.503min (-0.032) 2.54ng/ul

response 29984

Ion	Exp%	Act%
252.00	100	100
253.00	25.50	46.82#
125.00	8.70	50.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:47:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
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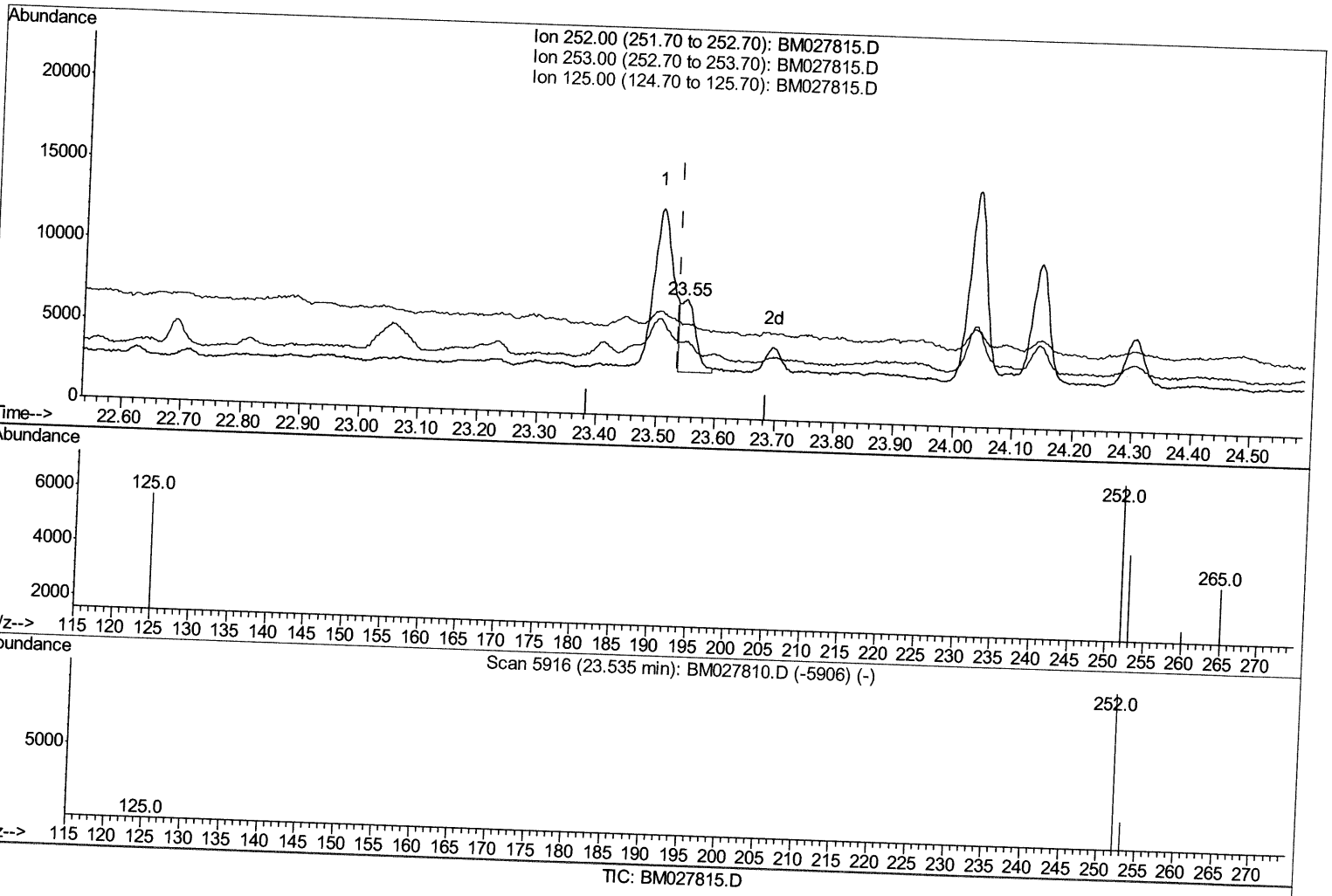
Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM



TIC: BM027815.D

(22) Benzo(k)fluoranthene

23.547min (+0.012) 0.68ng/ul m 12/03/20 JU

response 7985

Ion	Exp%	Act%
252.00	100	100
253.00	25.50	64.69#
125.00	8.70	79.33#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM

Quant Time: Nov 17 12:49:09 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1181	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	4872	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6175m >	0.40	ng/ul >	0.00 12/03/20 JU
16) Chrysene-d12	21.80	240	3385	0.40	ng/ul	0.00
20) Perylene-d12	24.25	264	2628	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	2383	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3482	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.26	128	31769	2.041	ng/ul	95
5) 2-Methylnaphthalene	12.85	142	69376	6.406	ng/ul	99
7) Acenaphthylene	14.71	152	4530	0.288	ng/ul#	65
8) Acenaphthene	15.05	153	3547	0.295	ng/ul#	63
9) Fluorene	16.02	166	5742	0.397	ng/ul#	83
12) Phenanthrene	17.74	178	83736	4.166	ng/ul	98
13) Anthracene	17.83	178	11078m >	0.566	ng/ul >	12/03/20 JU
15) Fluoranthene	19.72	202	34223	1.487	ng/ul	95
17) Pyrene	20.08	202	49325	3.286	ng/ul#	93
18) Benzo(a)anthracene	21.79	228	18769	1.387	ng/ul#	47
19) Chrysene	21.84	228	30407	2.207	ng/ul#	61
21) Benzo(b)fluoranthene	23.50	252	23020m }	1.914	ng/ul }	12/03/20 JU
22) Benzo(k)fluoranthene	23.55	252	7985m }	0.676	ng/ul }	
23) Benzo(a)pyrene	24.14	252	14880	1.407	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	26.77	276	11735	0.974	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.77	278	3766	0.374	ng/ul#	1
26) Benzo(g,h,i)perylene	27.57	276	20699	2.030	ng/ul#	76

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