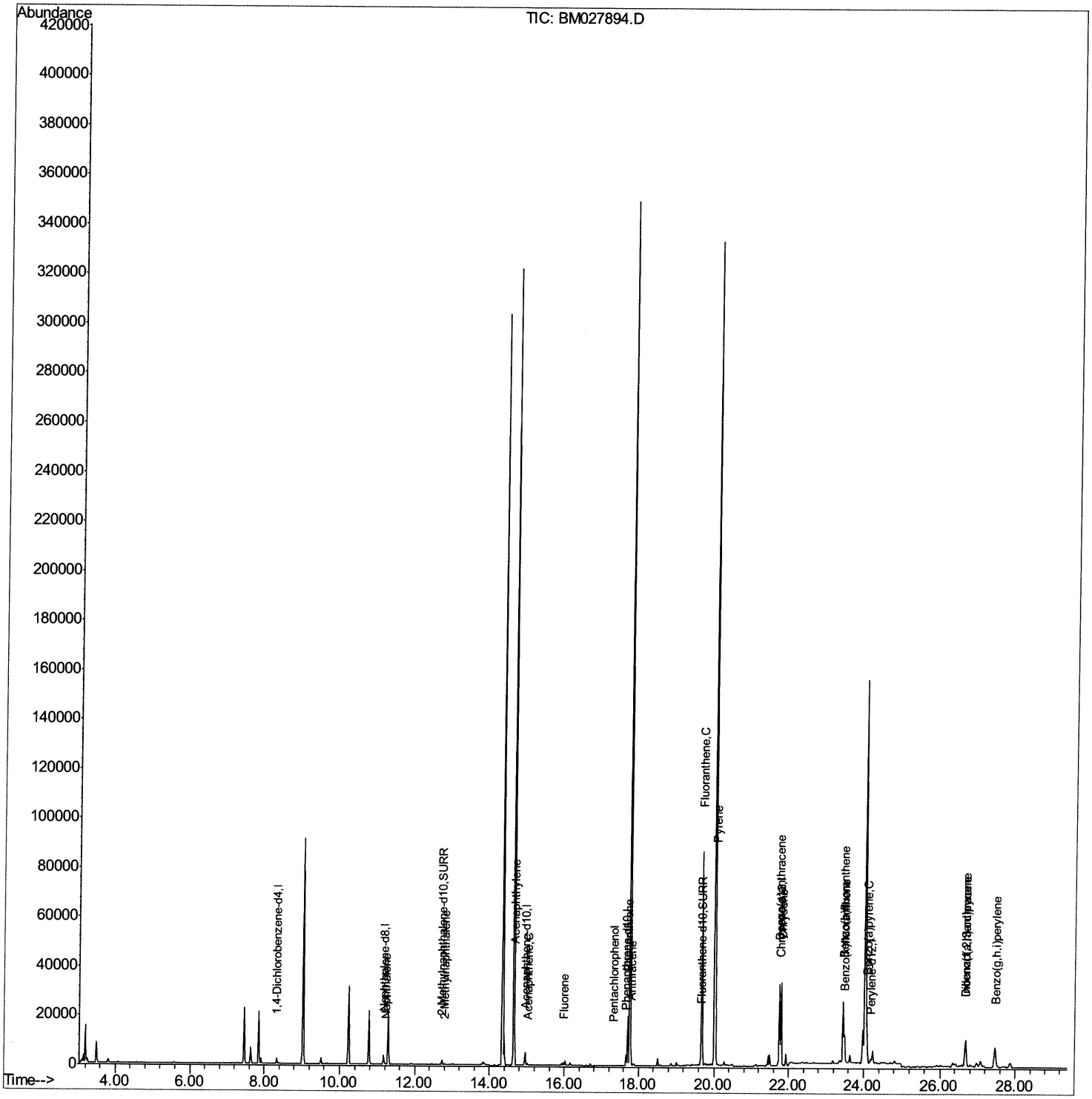
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027894.D
Acq On : 21 Nov 2020 22:57
Operator : JU/CG
Sample : L4711-19
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 23 05:00:36 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 : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B03

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:14 AM



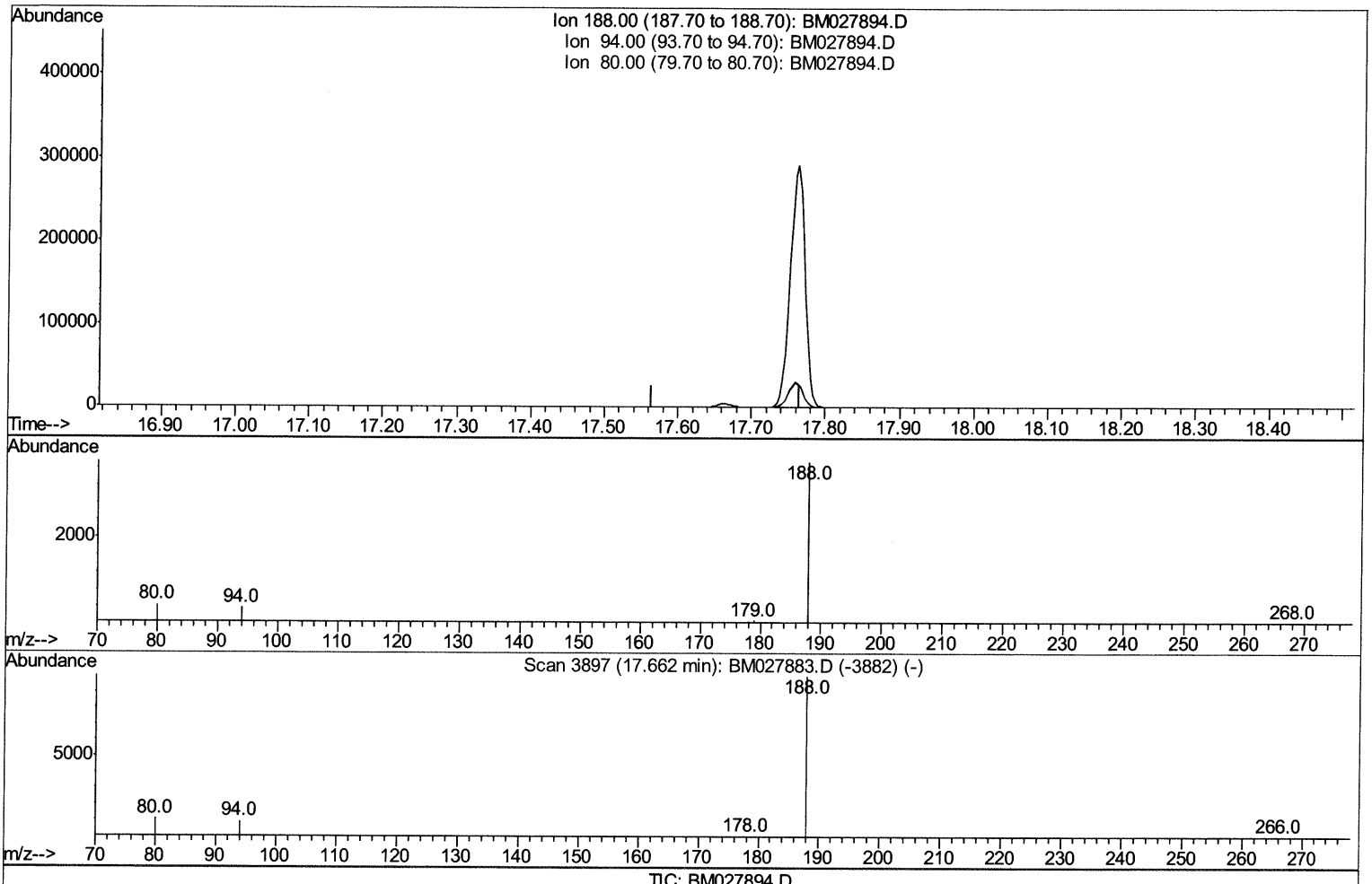
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027894.D
Acq On : 21 Nov 2020 22:57
Operator : JU/CG
Sample : L4711-19
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 23 04:07:31 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 : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B03

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:14 AM



TIC: BM027894.D

(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

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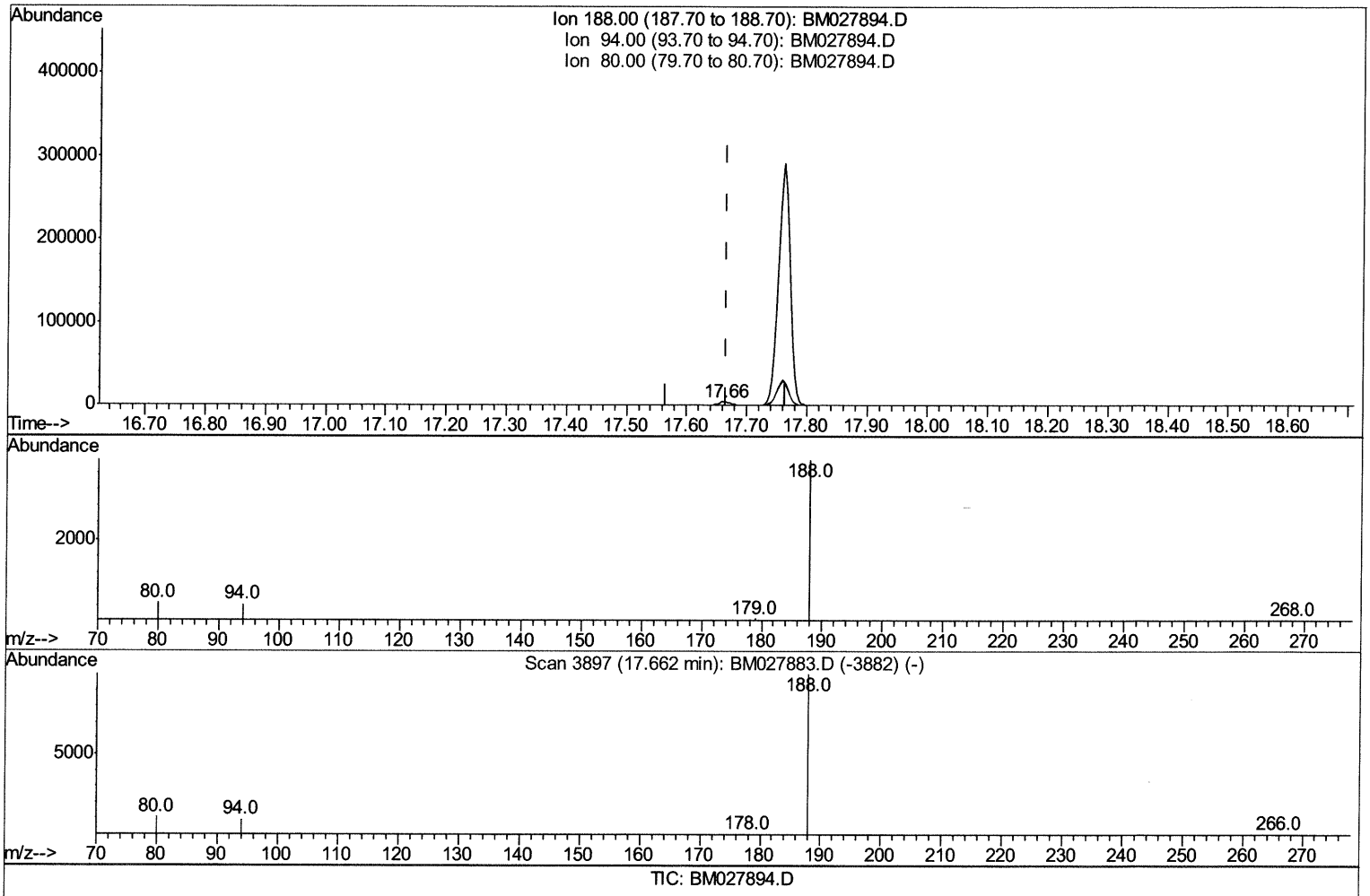
Manual Integrations APPROVED
mohammad
11/24/2020 8:59:14 AM



TIC: BM027894.D

(10) Phenanthrene-d10 (I)

17.662min (-0.003) 0.40ng/ul m 11/21/20 JU

response 5360

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	10.97
80.00	10.20	11.99
0.00	0.00	0.00

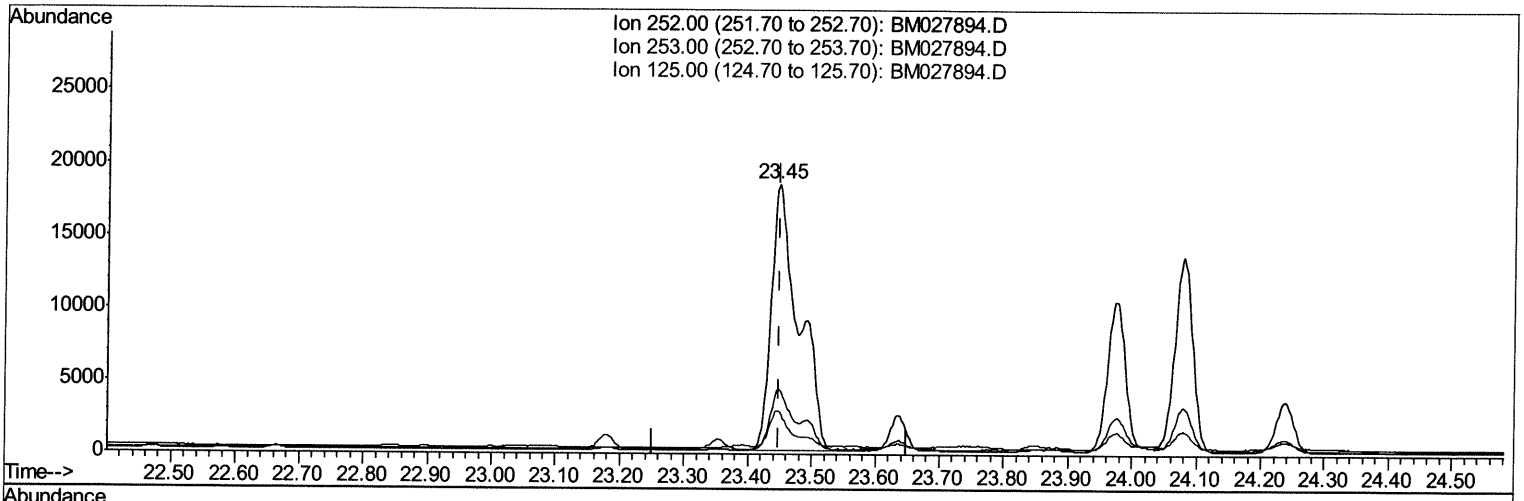
Quantitation Report (Qedit)

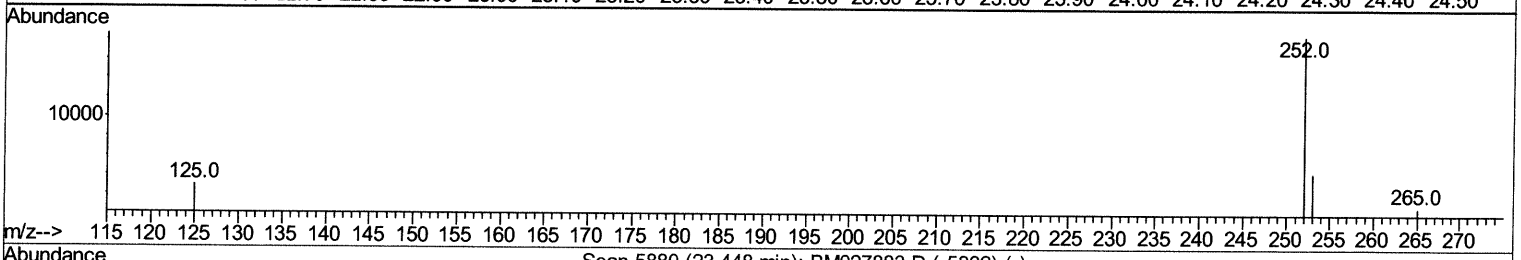
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027894.D
Acq On : 21 Nov 2020 22:57
Operator : JU/CG
Sample : L4711-19
Misc :
ALS Vial : 48 Sample Multiplier: 1

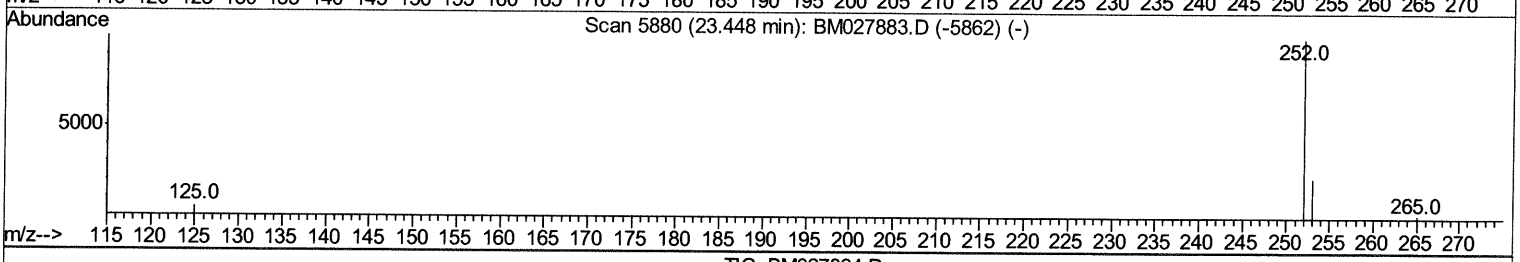
Quant Time: Nov 23 04:57:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B03

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:14 AM







TIC: BM027894.D

(21) Benzo(b)fluoranthene

23.448min (-0.002) 5.08ng/ul

response 55156

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	24.08
125.00	14.20	16.07
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : JU/CG
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Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 23 04:57:23 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 : Mon Nov 23 04:04:52 2020
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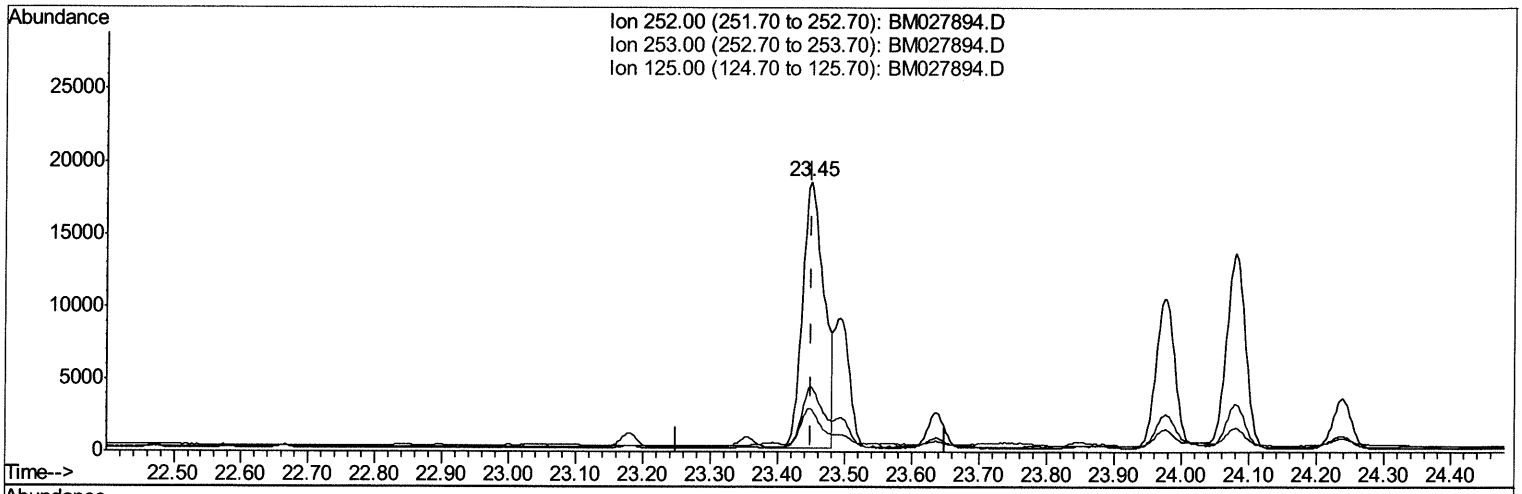
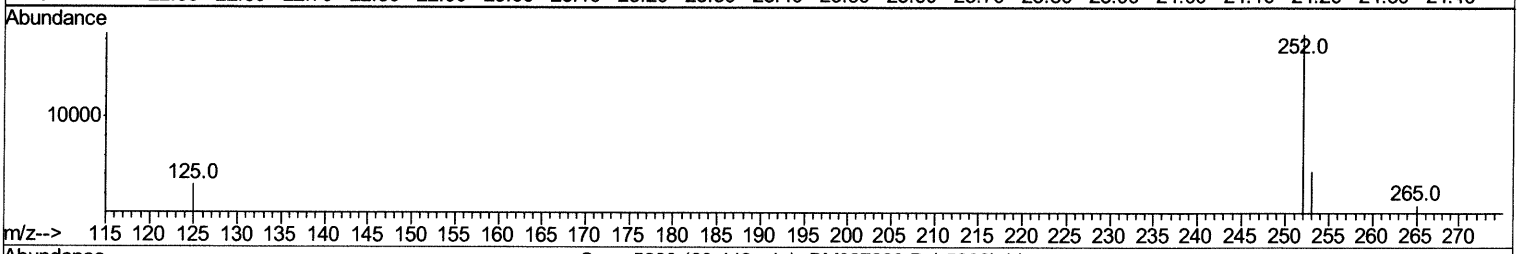
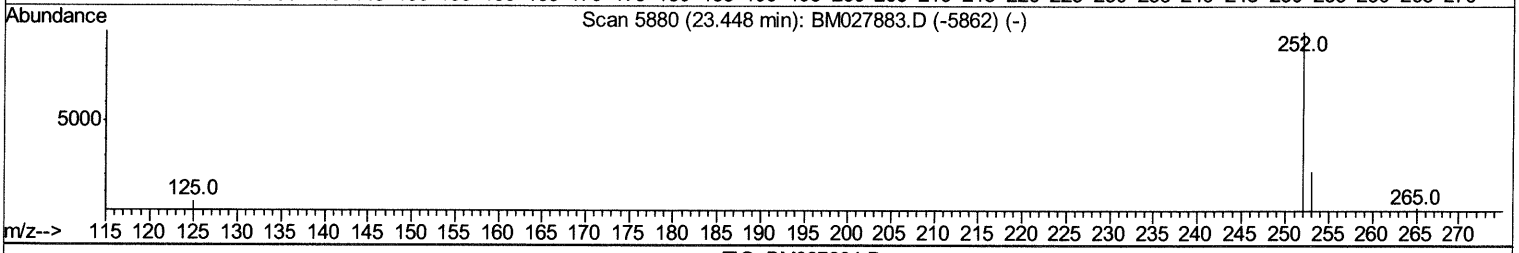
Instrument :
BNA_M
ClientSampleId :
C0B03

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:14 AM







TIC: BM027894.D

(21) Benzo(b)fluoranthene

23.448min (-0.002) 3.73ng/ul m 11/27/20 JU

response 40513

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	24.08
125.00	14.20	16.07
0.00	0.00	0.00

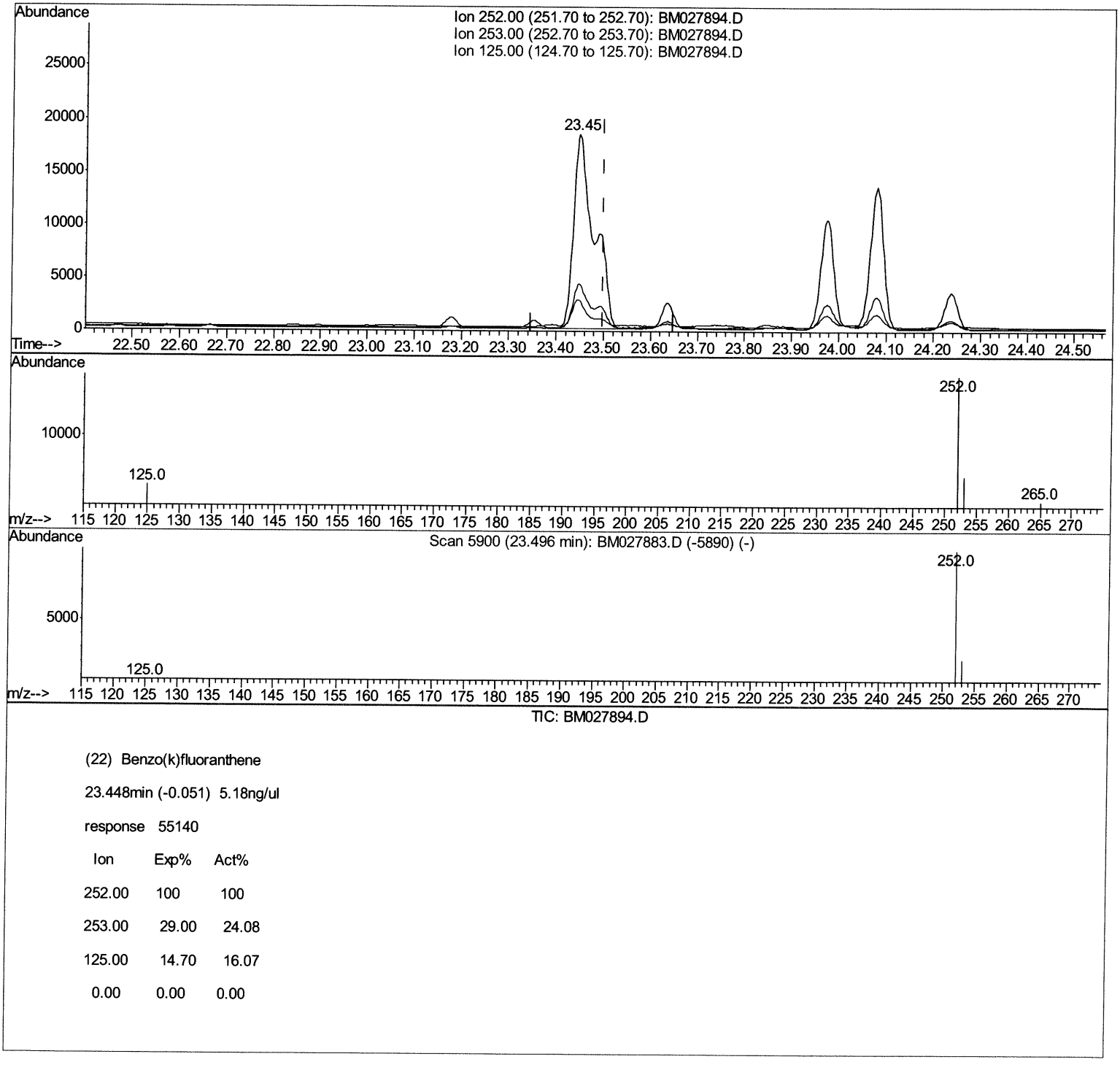
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027894.D
Acq On : 21 Nov 2020 22:57
Operator : JU/CG
Sample : L4711-19
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 23 04:57:23 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 : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B03

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:14 AM



TIC: BM027894.D

(22) Benzo(k)fluoranthene

23.448min (-0.051) 5.18ng/ul

response 55140

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	24.08
125.00	14.70	16.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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Acq On : 21 Nov 2020 22:57
Operator : JU/CG
Sample : L4711-19
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 23 04:57:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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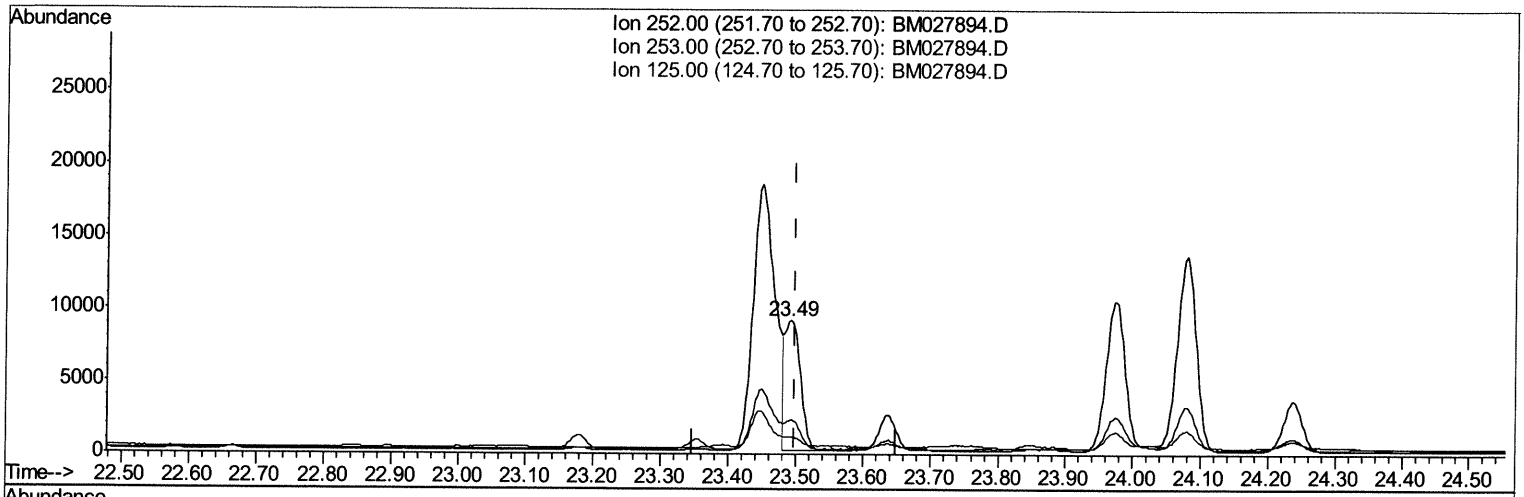
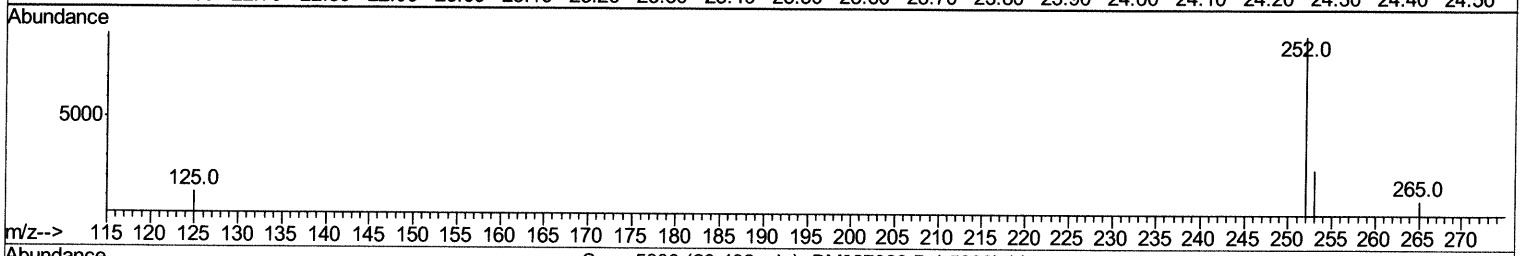
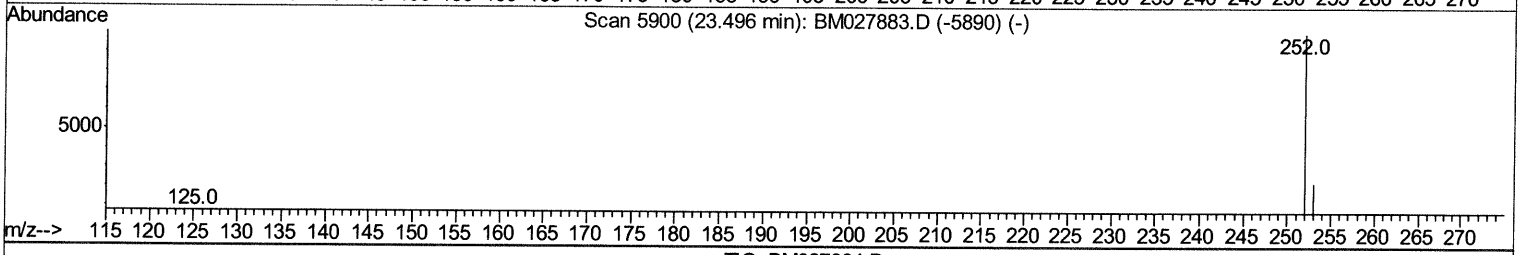
Instrument :
BNA_M
ClientSampleId :
C0B03

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:14 AM







TIC: BM027894.D

(22) Benzo(k)fluoranthene

23.491min (-0.007) 1.37ng/ul m 11/27/2020

response 14536

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	26.19
125.00	14.70	13.03
0.00	0.00	0.00

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Acq On : 21 Nov 2020 22:57
Operator : JU/CG
Sample : L4711-19
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B03

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:14 AM

Quant Time: Nov 23 05:00:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1155	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4689	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2949	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5360m >	0.40	ng/ul >	0.00 11/27/20 JU
16) Chrysene-d12	21.76	240	2904	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2584	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2484	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	4023	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	669	0.048	ng/ul#	79
5) 2-Methylnaphthalene	12.80	142	377	0.039	ng/ul	99
7) Acenaphthylene	14.68	152	688	0.048	ng/ul#	76
8) Acenaphthene	15.01	153	539	0.050	ng/ul	95
9) Fluorene	15.98	166	744	0.059	ng/ul#	97
11) Pentachlorophenol	17.31	266	39	0.021	ng/ul	88
12) Phenanthrene	17.70	178	21141	1.249	ng/ul	98
13) Anthracene	17.79	178	4112	0.252	ng/ul	97
15) Fluoranthene	19.68	202	72838	3.880	ng/ul	99
17) Pyrene	20.04	202	59179	4.013	ng/ul	98
18) Benzo(a)anthracene	21.75	228	28520	2.434	ng/ul	99
19) Chrysene	21.80	228	33553	2.940	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	40513m 3	3.731	ng/ul 3	11/27/20 JU
22) Benzo(k)fluoranthene	23.49	252	14536m 3	1.367	ng/ul 3	
23) Benzo(a)pyrene	24.08	252	26339	2.774	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.68	276	18984	1.847	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	4757	0.556	ng/ul#	87
26) Benzo(g,h,i)perylene	27.46	276	18433	2.137	ng/ul	95

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