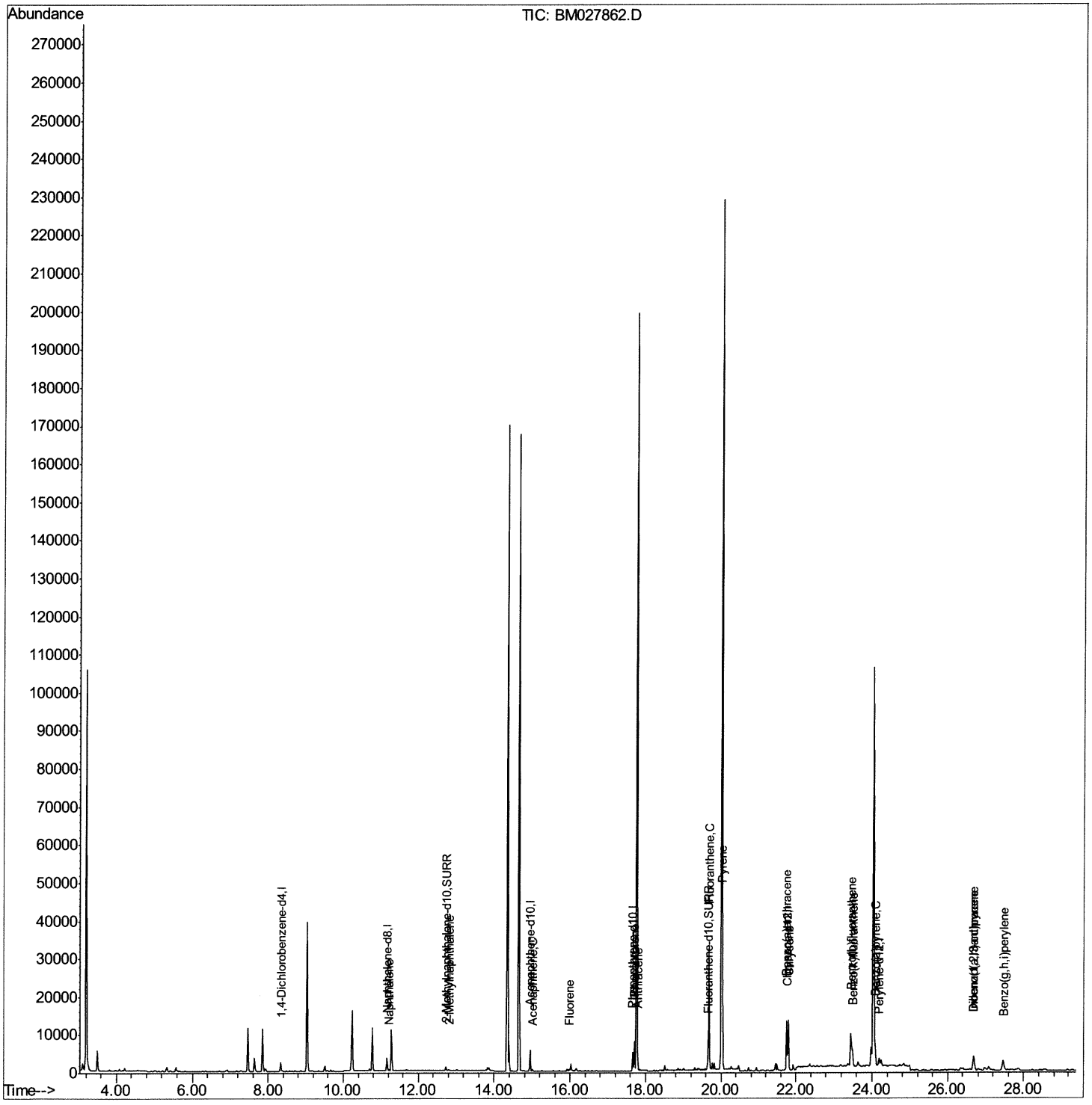
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027862.D
Acq On : 20 Nov 2020 21:01
Operator : JU/CG
Sample : L4710-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 21 02:58:34 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 : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX6

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:38 AM



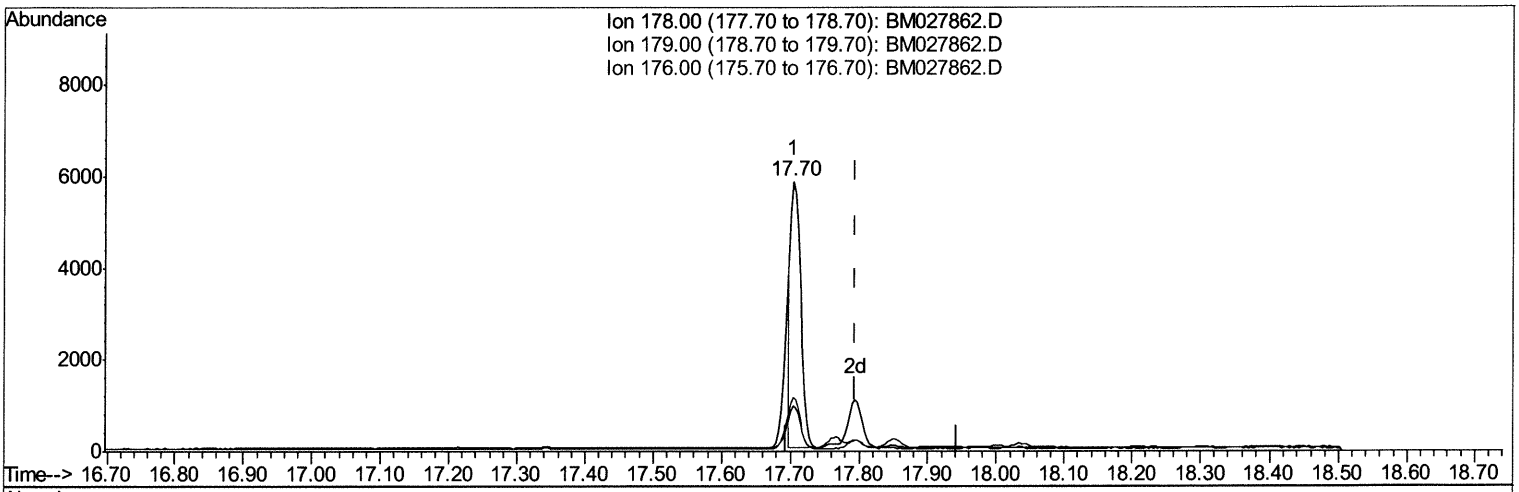
Quantitation Report (Qedit)

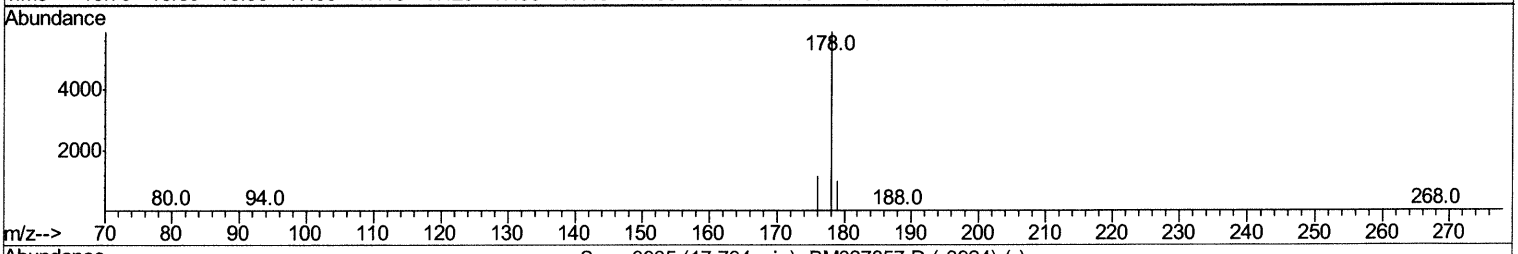
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027862.D
Acq On : 20 Nov 2020 21:01
Operator : JU/CG
Sample : L4710-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

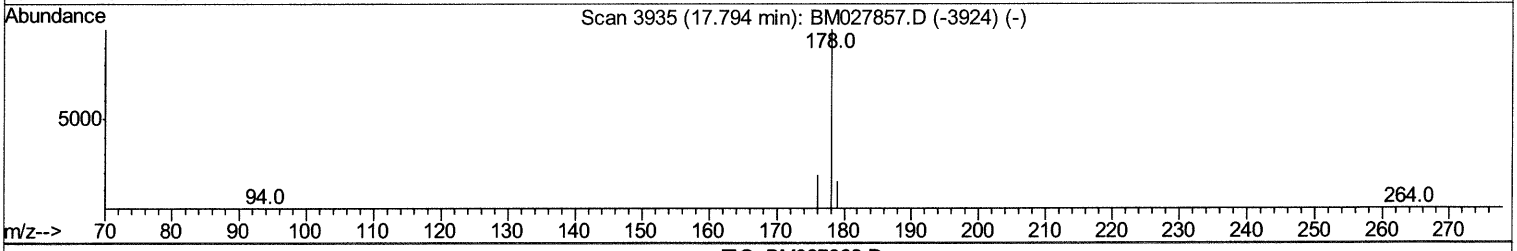
Quant Time: Nov 21 02:55:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX6

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:38 AM







TIC: BM027862.D

(13) Anthracene

17.704min (-0.090) 0.34ng/ul

response 5993

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	16.90
176.00	18.80	19.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
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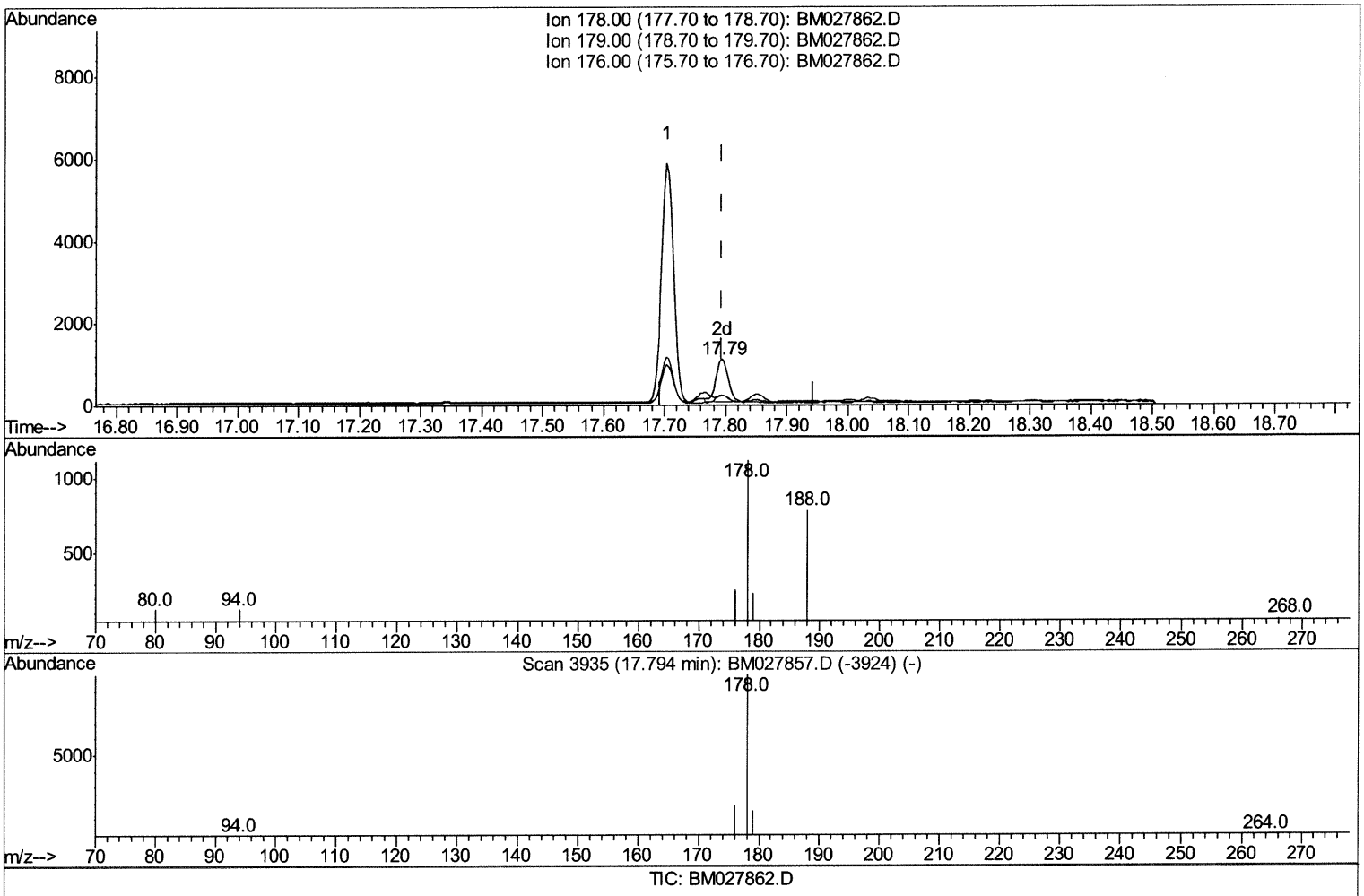
Acq On : 20 Nov 2020 21:01
Operator : JU/CG
Sample : L4710-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 21 02:55:42 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 :
C0AX6

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:38 AM



TIC: BM027862.D

(13) Anthracene

17.794min (0.000) 0.08ng/ul m 11/27/2020

response 1420

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	20.83#
176.00	18.80	22.53
0.00	0.00	0.00

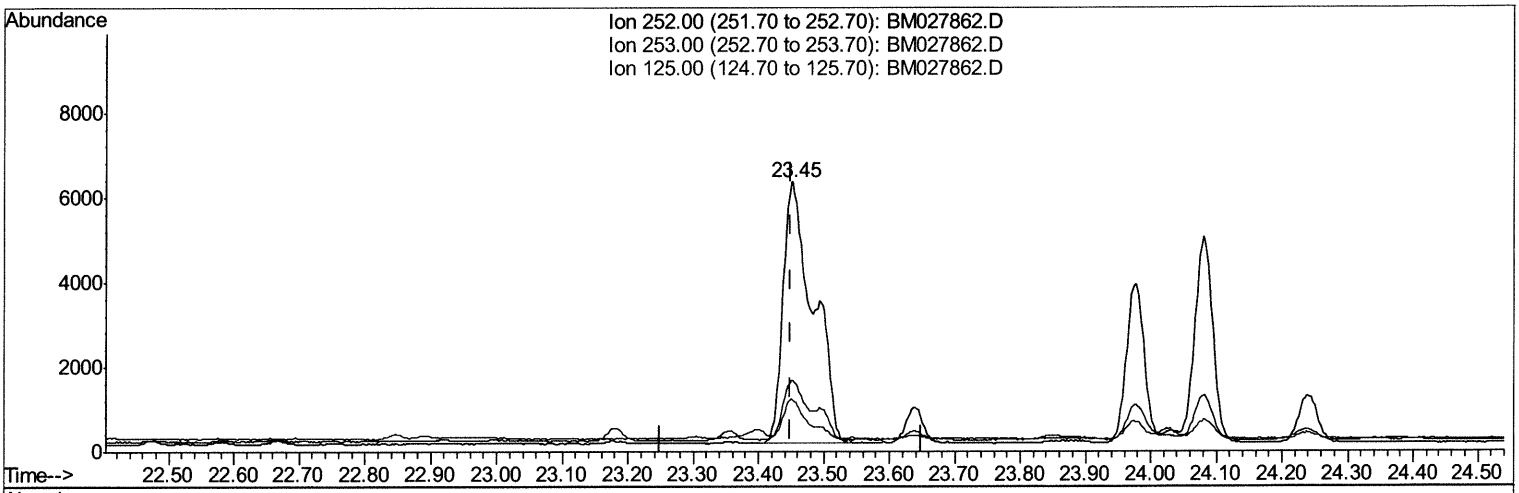
Quantitation Report (Qedit)

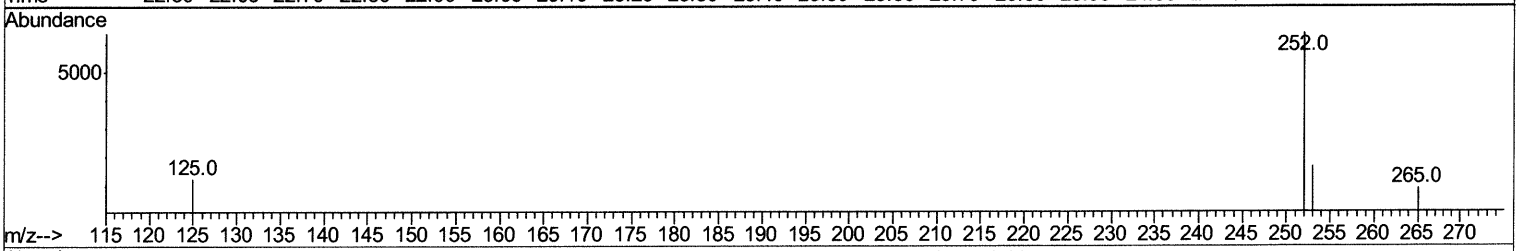
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027862.D
Acq On : 20 Nov 2020 21:01
Operator : JU/CG
Sample : L4710-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

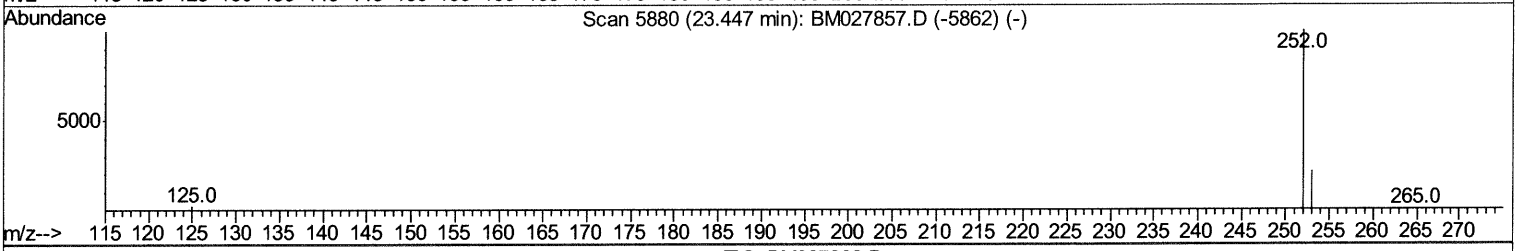
Quant Time: Nov 21 02:55:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX6

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:38 AM







TIC: BM027862.D

(21) Benzo(b)fluoranthene

23.452min (+0.002) 1.69ng/ul

response 19837

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	26.41
125.00	14.20	19.16
0.00	0.00	0.00

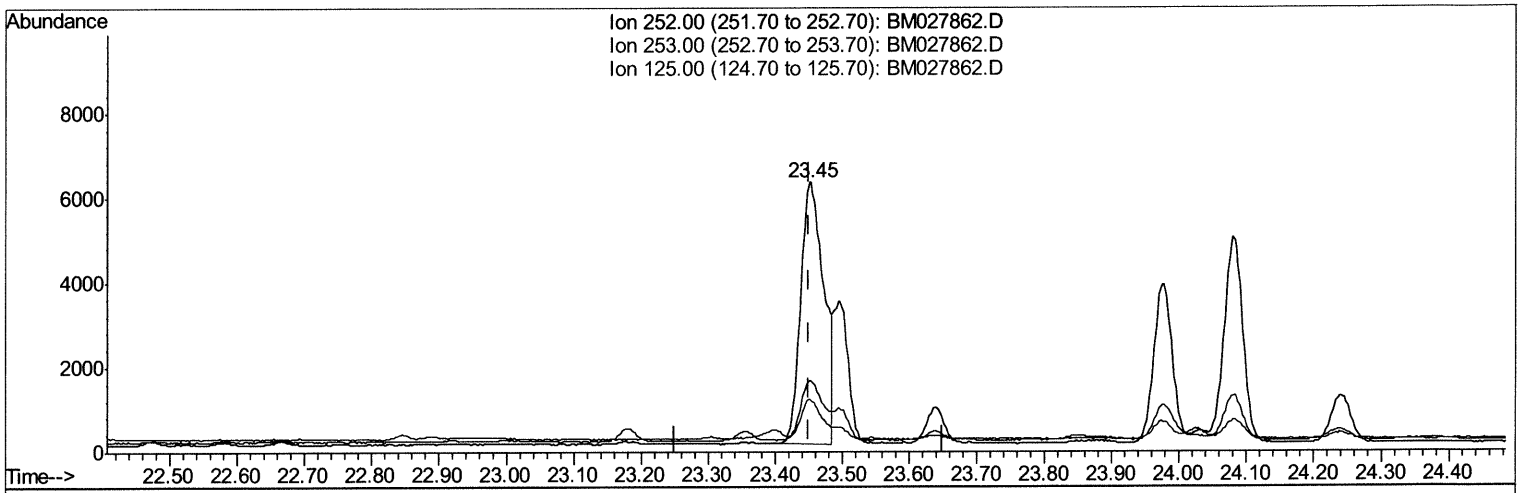
Quantitation Report (Qedit)

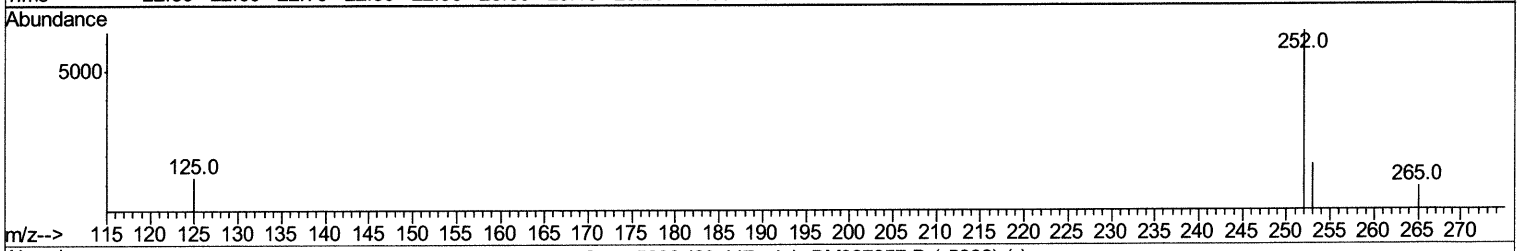
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027862.D
Acq On : 20 Nov 2020 21:01
Operator : JU/CG
Sample : L4710-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

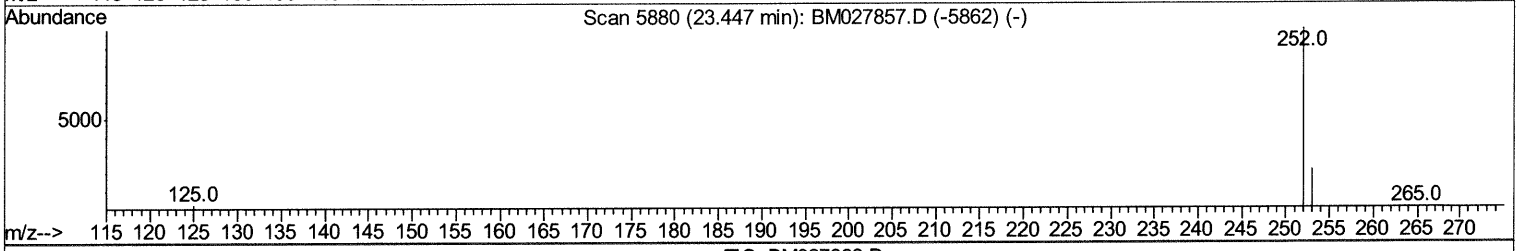
Quant Time: Nov 21 02:55:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX6

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:38 AM







TIC: BM027862.D

(21) Benzo(b)fluoranthene

23.452min (+0.002) 1.27ng/ul m 11/27/20 JY

response 14872

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	26.41
125.00	14.20	19.16
0.00	0.00	0.00

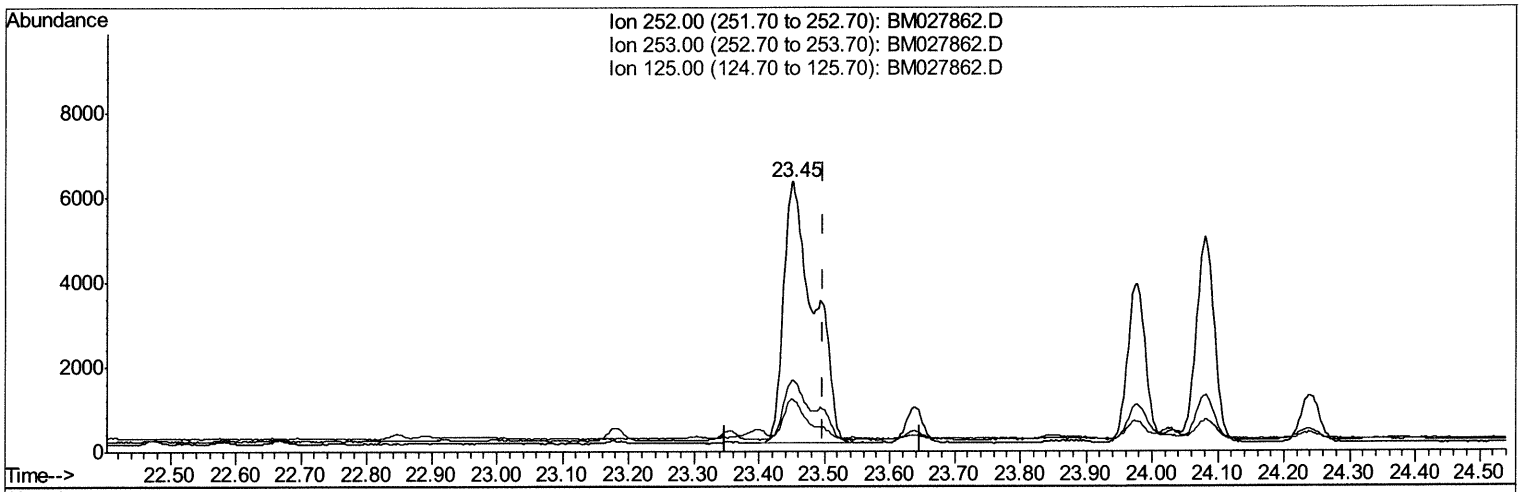
Quantitation Report (Qedit)

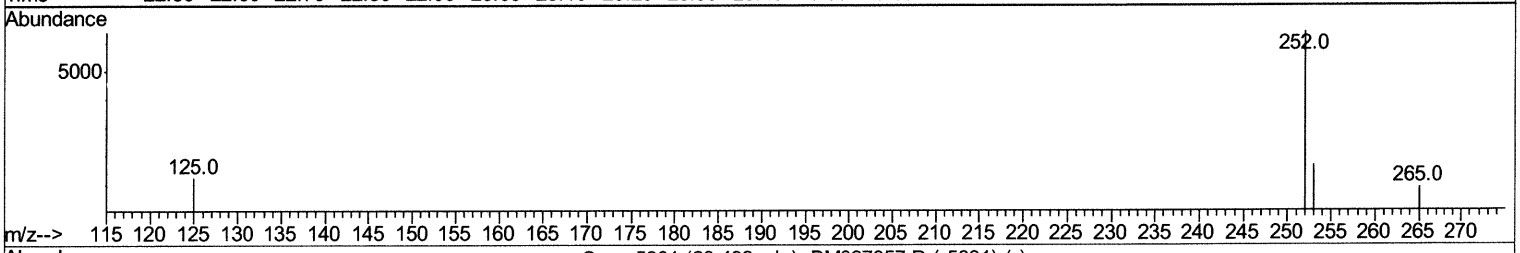
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027862.D
Acq On : 20 Nov 2020 21:01
Operator : JU/CG
Sample : L4710-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

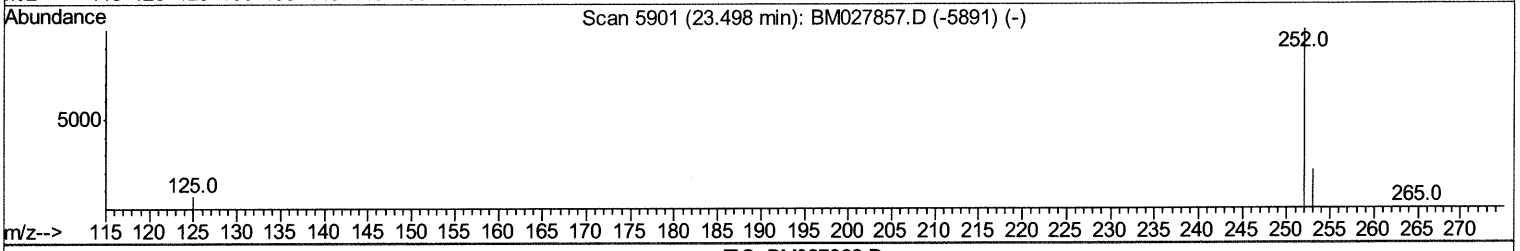
Quant Time: Nov 21 02:55:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX6

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:38 AM







TIC: BM027862.D

(22) Benzo(k)fluoranthene

23.452min (-0.046) 1.73ng/ul

response 19837

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	26.41
125.00	14.70	19.16#
0.00	0.00	0.00

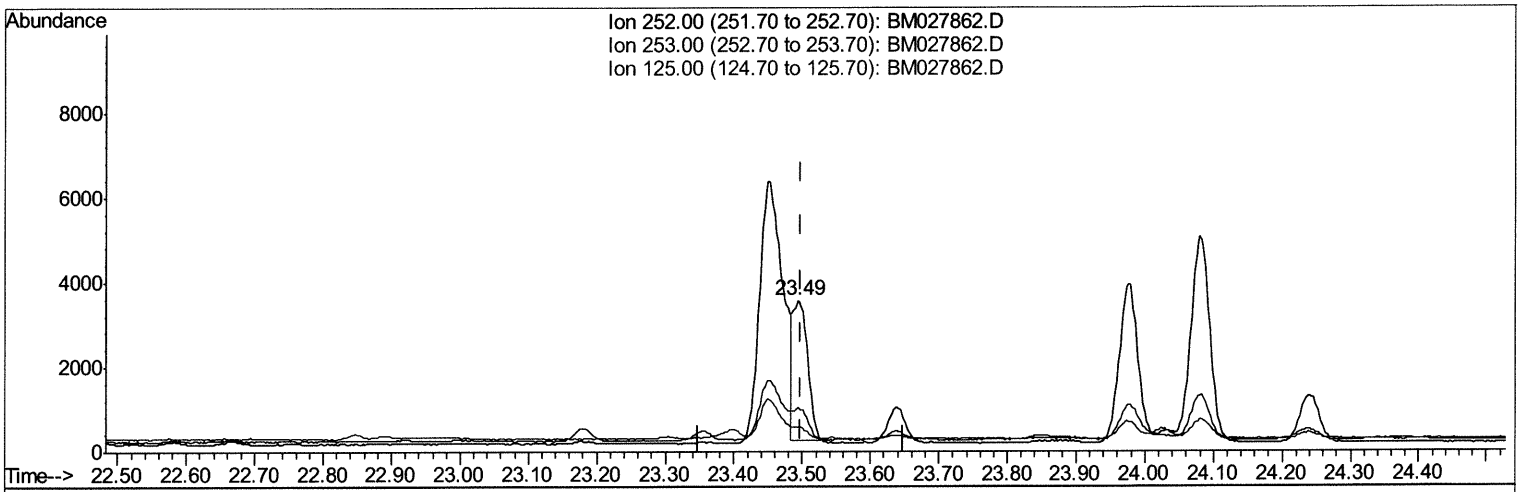
Quantitation Report (Qedit)

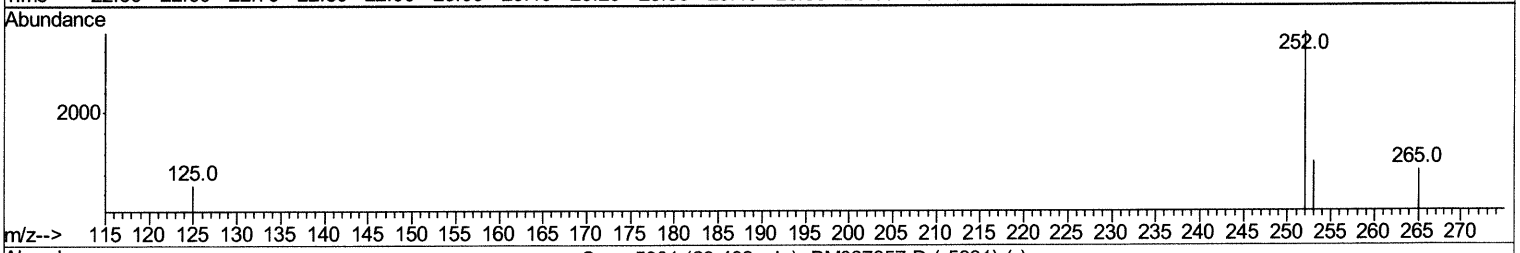
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027862.D
Acq On : 20 Nov 2020 21:01
Operator : JU/CG
Sample : L4710-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

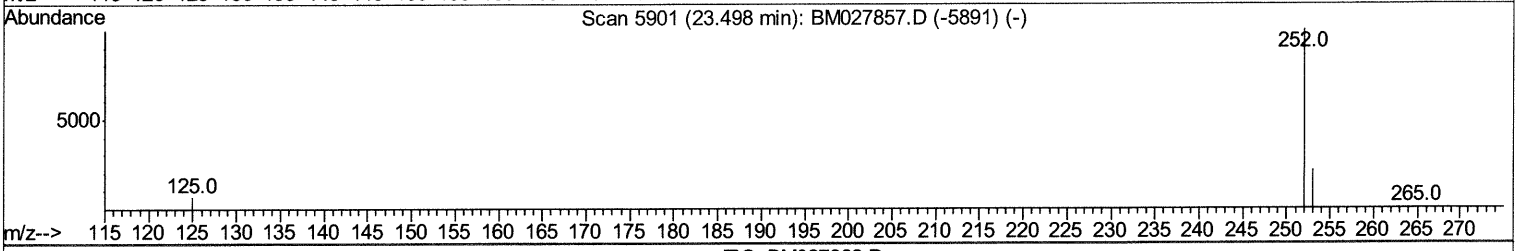
Quant Time: Nov 21 02:55:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX6

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:38 AM







TIC: BM027862.D

(22) Benzo(k)fluoranthene

23.494min (-0.005) 0.42ng/ul m 11/27/20 JU

response 4873

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	29.02
125.00	14.70	16.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027862.D
Acq On : 20 Nov 2020 21:01
Operator : JU/CG
Sample : L4710-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AX6

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:38 AM

Quant Time: Nov 21 02:58:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1165	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4754	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2986	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5772	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3442	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2788	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1280	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2665	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	476	0.033	ng/ul#	72
5) 2-Methylnaphthalene	12.81	142	297	0.031	ng/ul	98
8) Acenaphthene	15.01	153	245	0.022	ng/ul#	90
9) Fluorene	15.98	166	258	0.020	ng/ul#	92
12) Phenanthrene	17.70	178	8010	0.439	ng/ul	100
13) Anthracene	17.79	178	1420m	0.081	ng/ul	11/21/20 JU
15) Fluoranthene	19.68	202	26498	1.311	ng/ul	100
17) Pyrene	20.04	202	23224	1.329	ng/ul	98
18) Benzo(a)anthracene	21.75	228	10997	0.792	ng/ul	98
19) Chrysene	21.81	228	13042	0.964	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	14872m	1.269	ng/ul	11/21/20 JU
22) Benzo(k)fluoranthene	23.49	252	4873m	0.425	ng/ul	
23) Benzo(a)pyrene	24.08	252	9448	0.922	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.68	276	6393	0.576	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.69	278	1641	0.178	ng/ul#	70
26) Benzo(g,h,i)perylene	27.46	276	5851	0.629	ng/ul	98

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