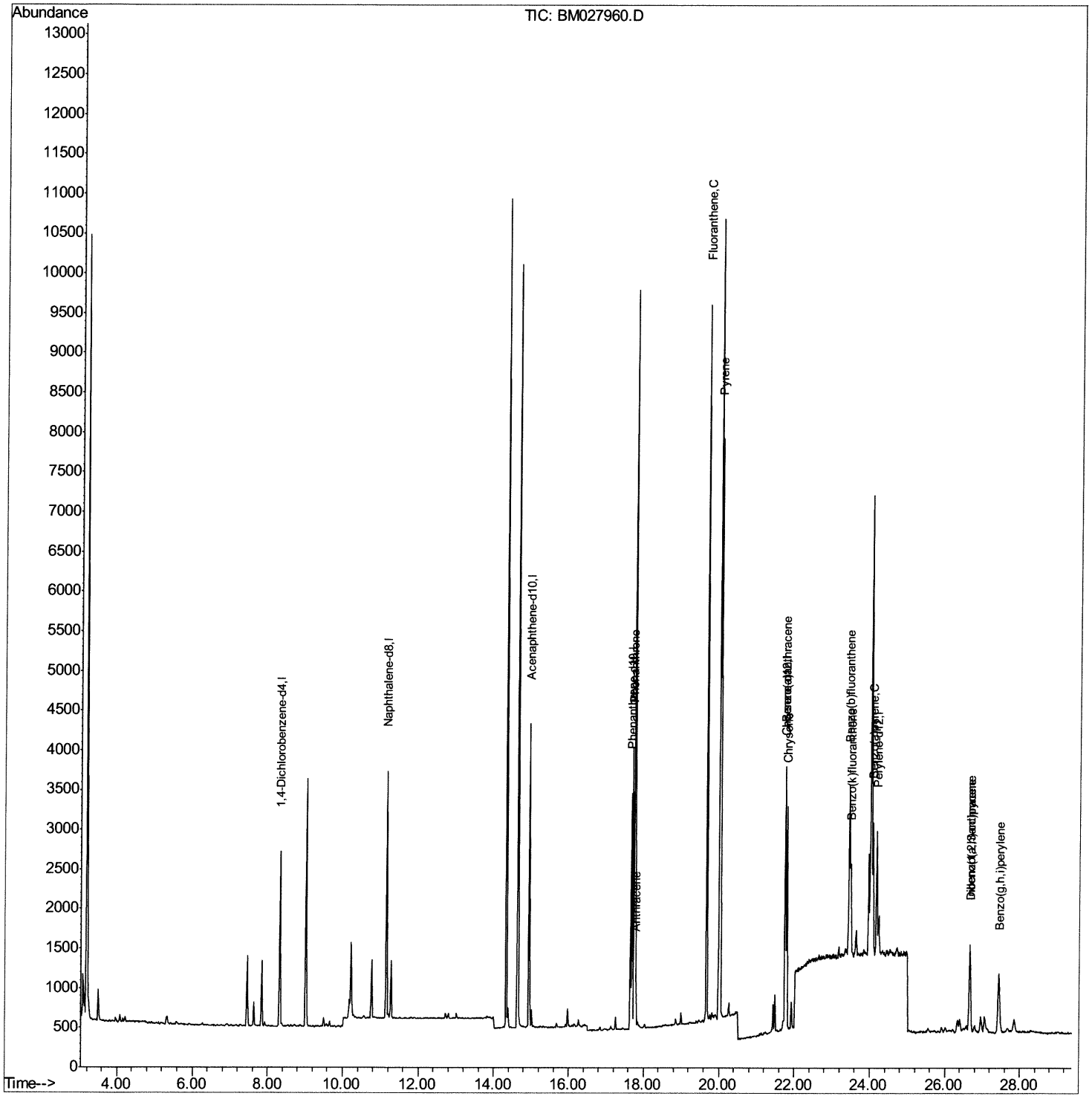
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 13:46:47 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM



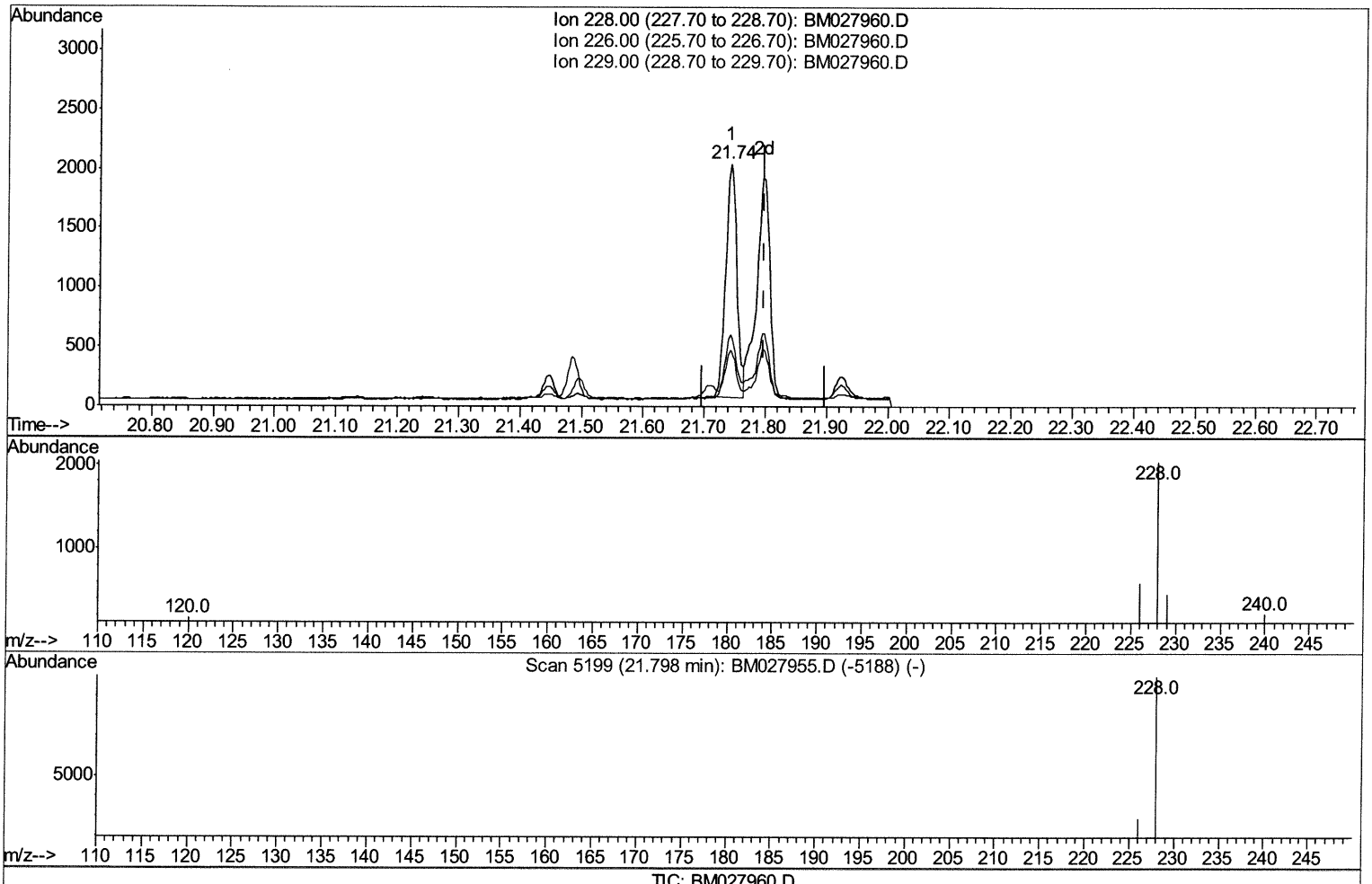
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 13:44:50 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM



TIC: BM027960.D

(19) Chrysene

21.742min (-0.056) 0.30ng/ul

response 2495

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	29.63
229.00	20.70	23.21
0.00	0.00	0.00

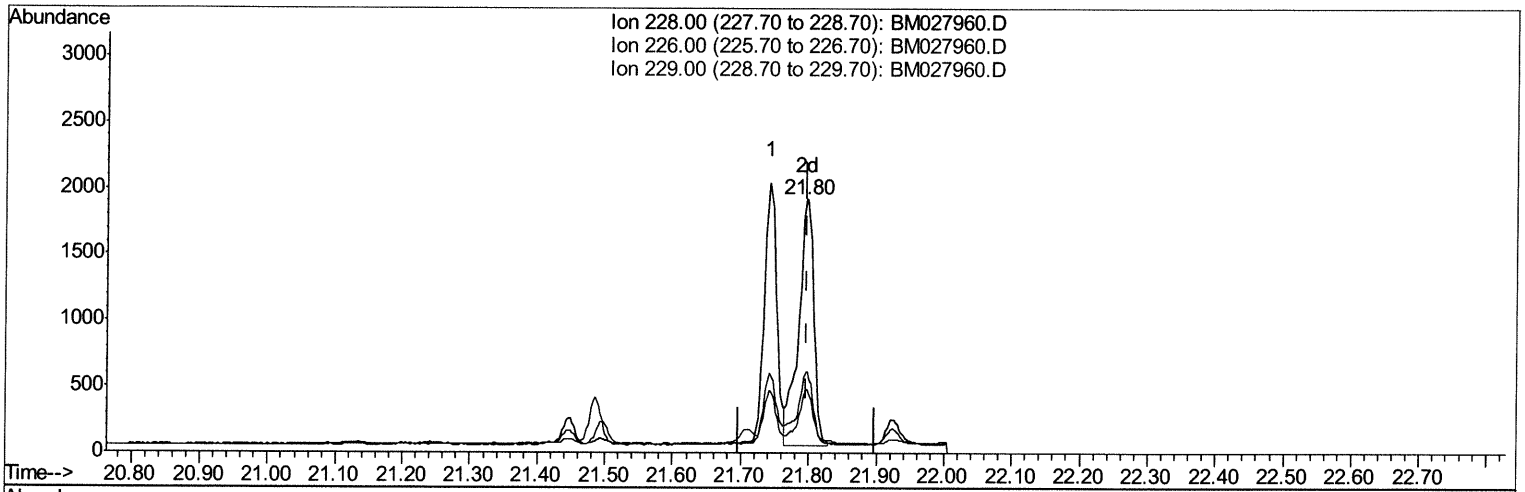
Quantitation Report (Qedit)

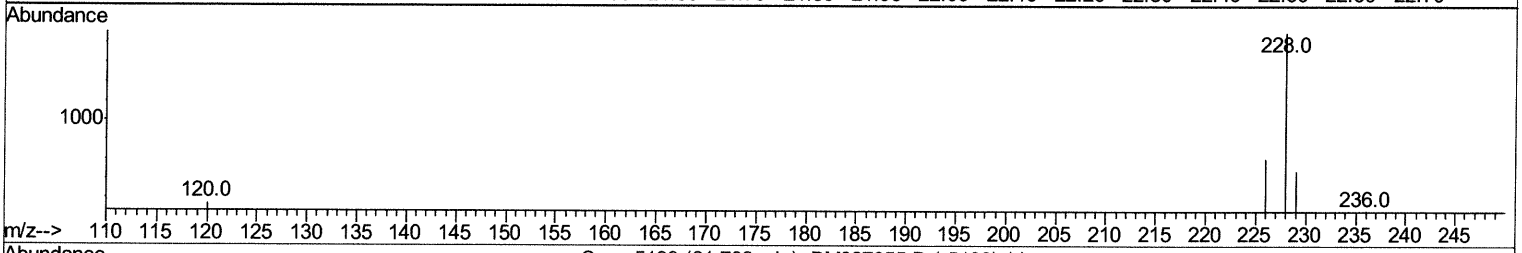
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

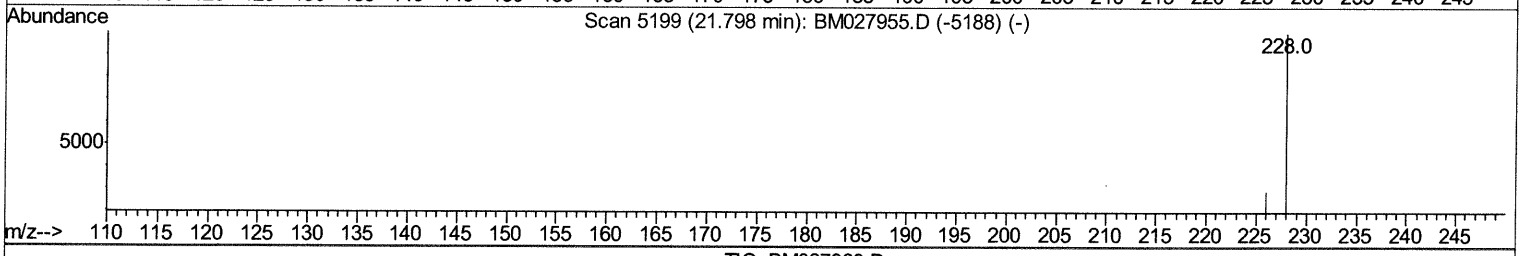
Quant Time: Nov 25 13:44:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM







TIC: BM027960.D

(19) Chrysene

21.795min (-0.002) 0.36ng/ul m

JU 11/30/20

response 2937

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	31.89
229.00	20.70	25.22#
0.00	0.00	0.00

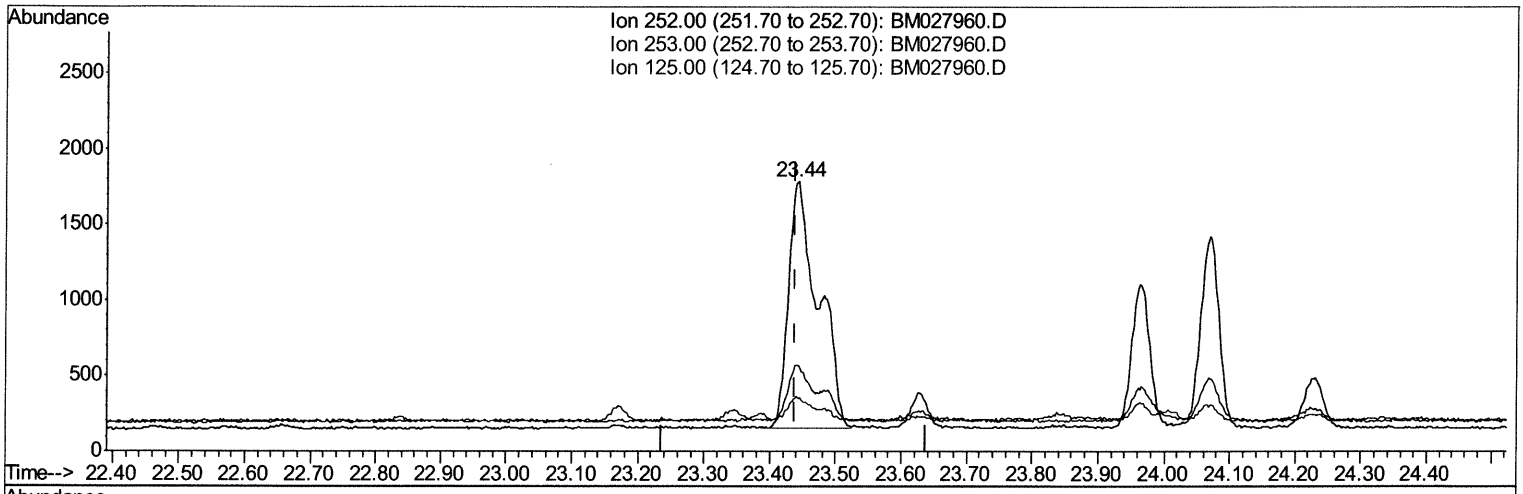
Quantitation Report (Qedit)

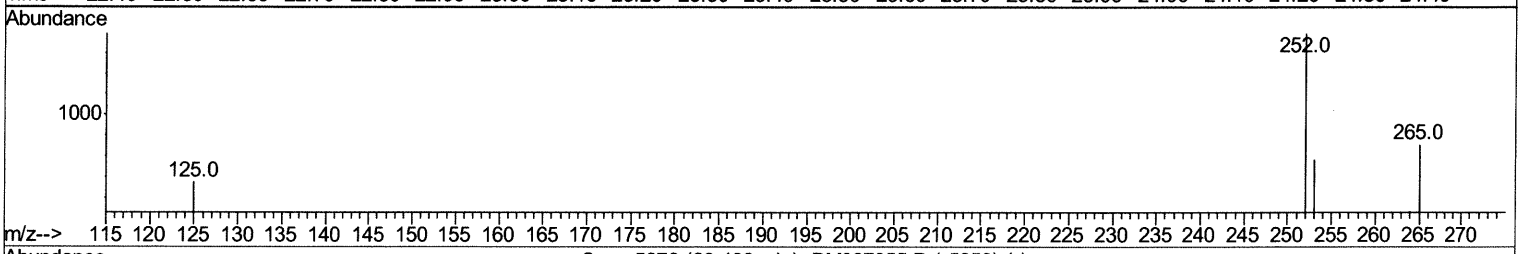
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

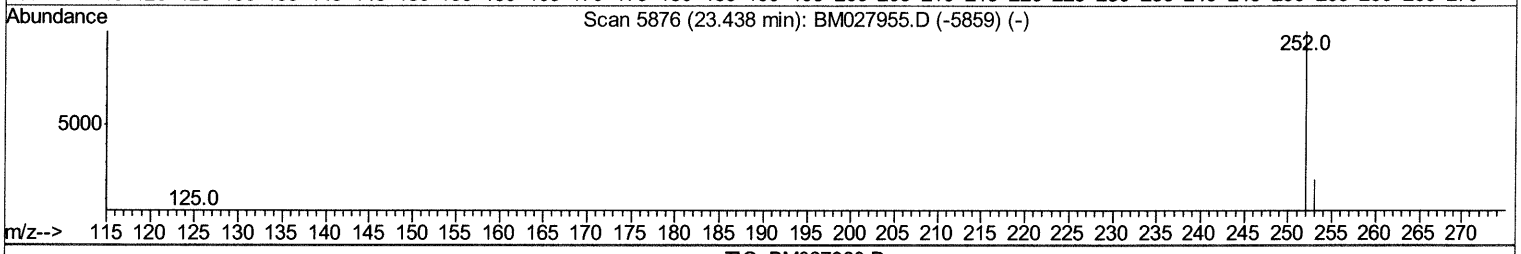
Quant Time: Nov 25 13:44:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM







TIC: BM027960.D

(21) Benzo(b)fluoranthene

23.443min (+0.005) 0.59ng/ul

response 5132

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	31.65
125.00	14.20	19.72
0.00	0.00	0.00

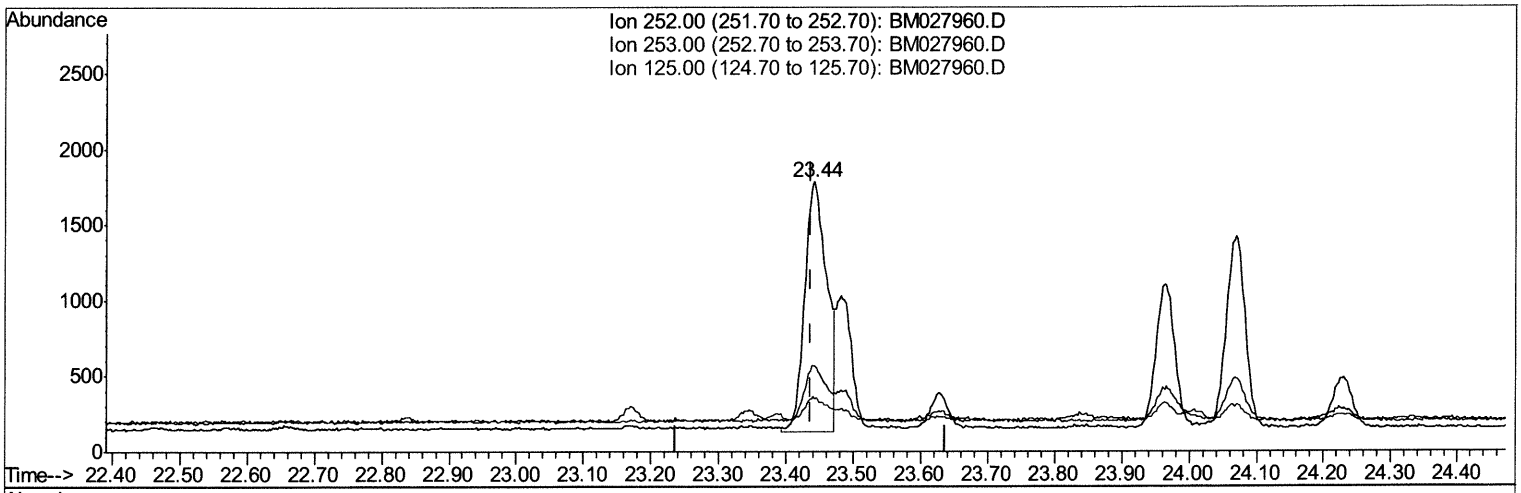
Quantitation Report (Qedit)

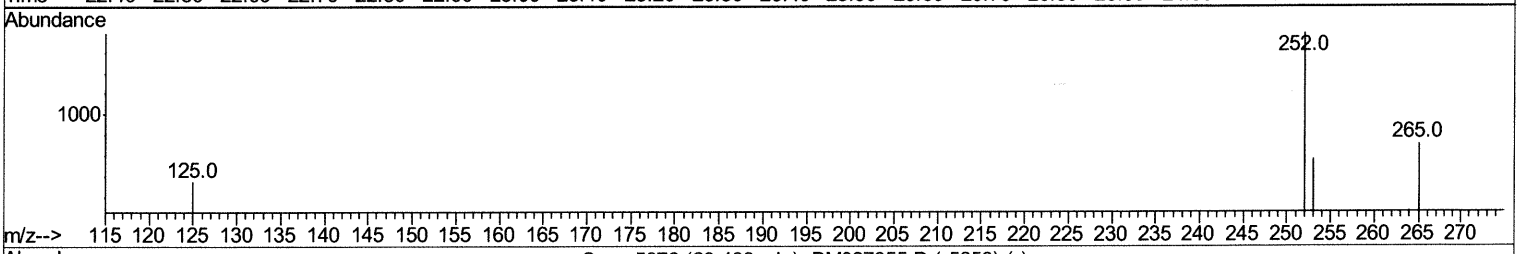
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

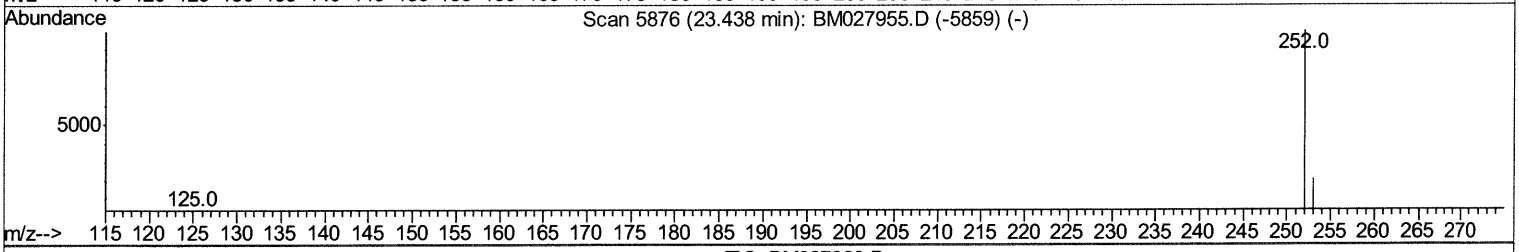
Quant Time: Nov 25 13:44:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM







TIC: BM027960.D

(21) Benzo(b)fluoranthene

23.443min (+0.005) 0.44ng/ul m JU 11/30/20

response 3860

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	31.65
125.00	14.20	19.72
0.00	0.00	0.00

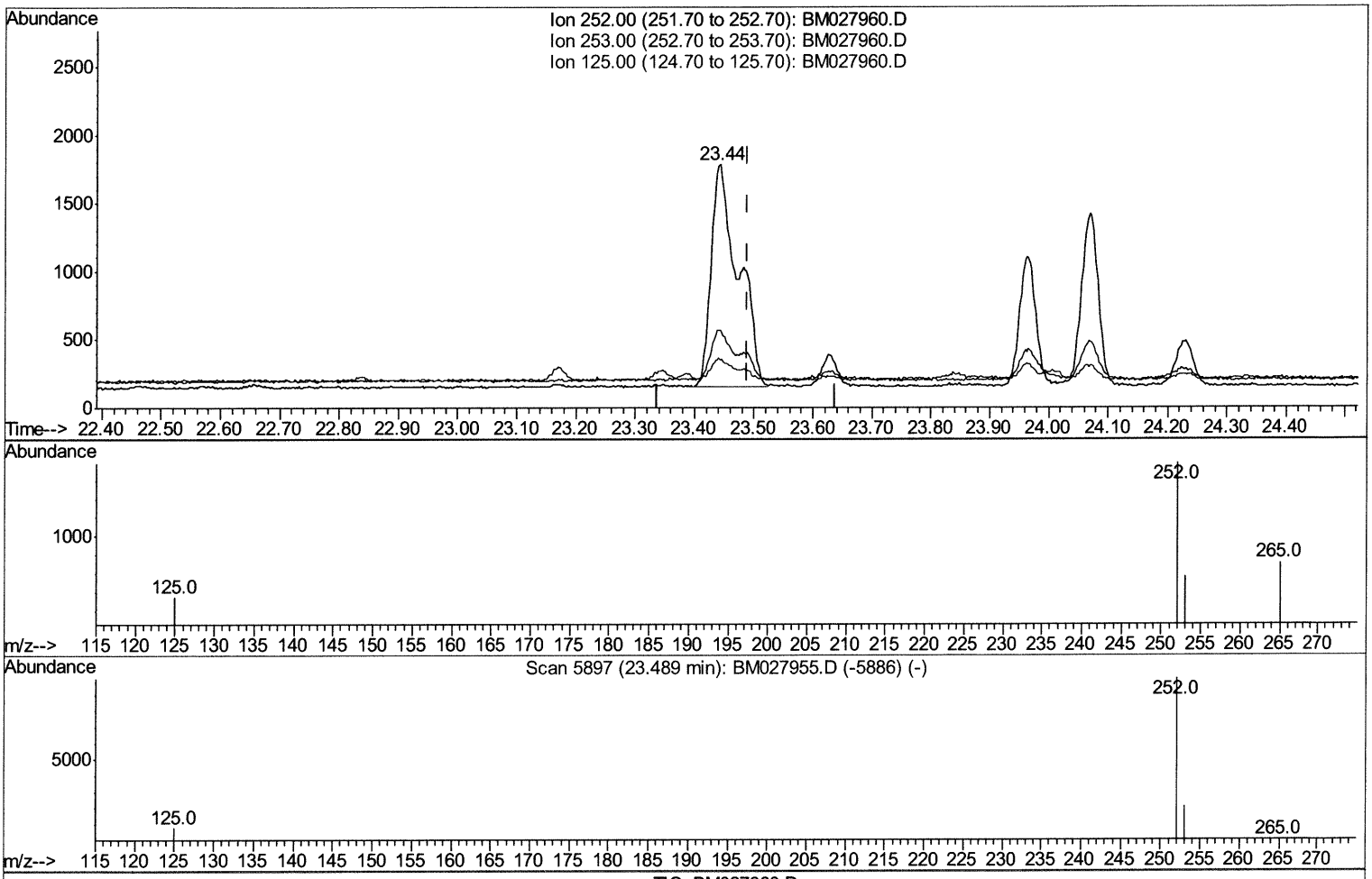
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 13:44:50 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM



TIC: BM027960.D

(22) Benzo(k)fluoranthene

23.443min (-0.046) 0.60ng/ul

response 5132

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	31.65
125.00	14.70	19.72#
0.00	0.00	0.00

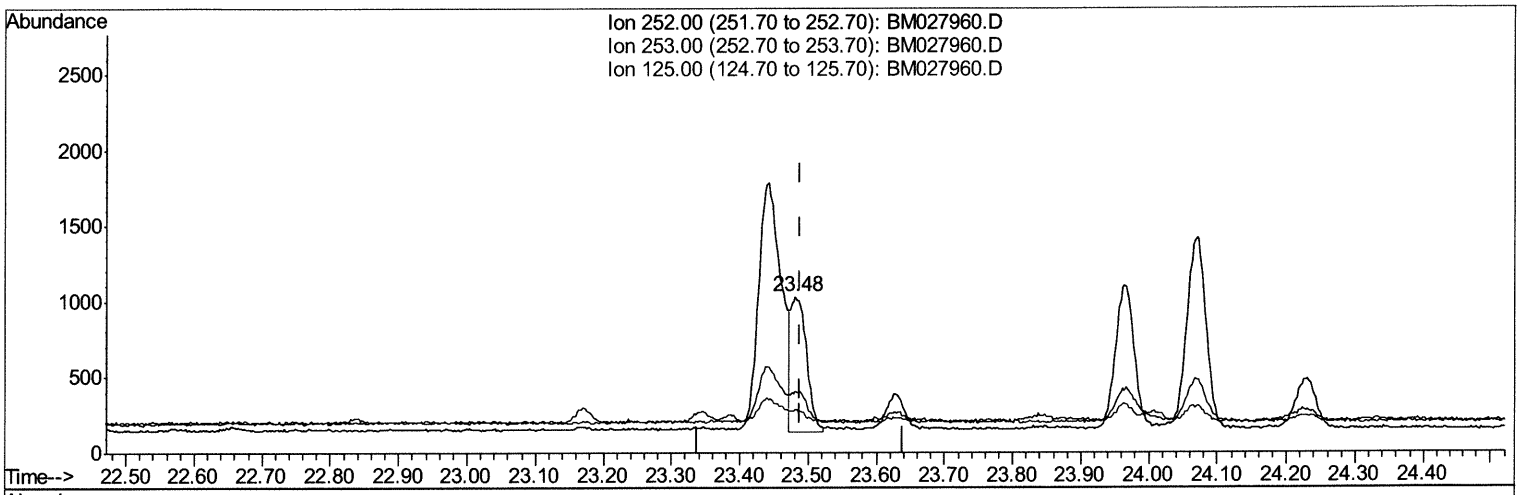
Quantitation Report (Qedit)

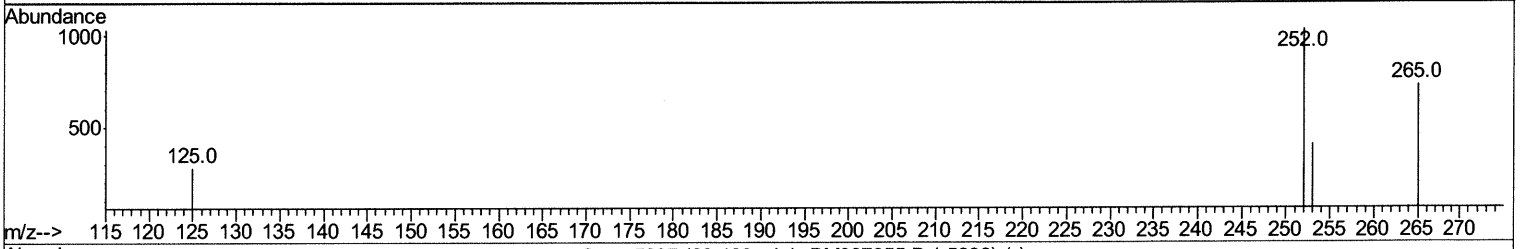
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

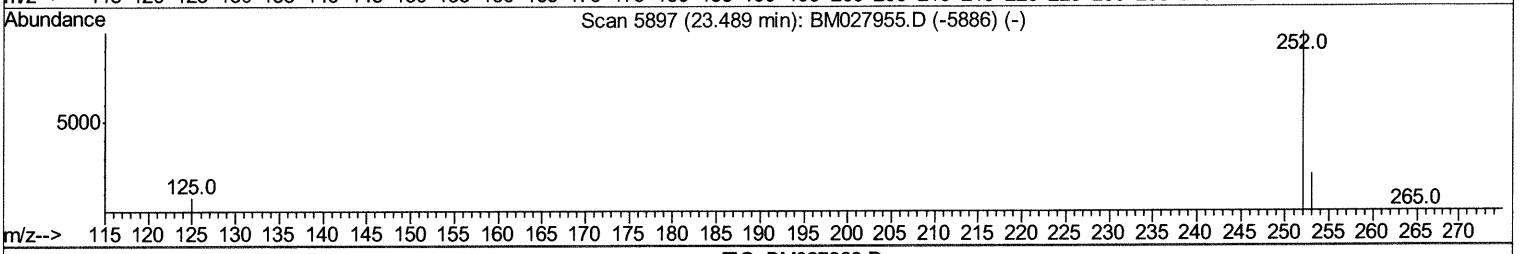
Quant Time: Nov 25 13:44:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM







TIC: BM027960.D

(22) Benzo(k)fluoranthene

23.481min (-0.007) 0.17ng/ul m JU 11/30/20

response 1416

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	39.40#
125.00	14.70	27.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM

Quant Time: Nov 25 13:46:47 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1053	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4071	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2097	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3444	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2089	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2072	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	84	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	111	0.01	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.70	178	3674	0.338	ng/ul	99
13) Anthracene	17.79	178	584	0.056	ng/ul#	80
15) Fluoranthene	19.68	202	7544	0.625	ng/ul	98
17) Pyrene	20.03	202	6107	0.576	ng/ul	97
18) Benzo(a)anthracene	21.74	228	2495	0.296	ng/ul	94
19) Chrysene	21.80	228	2937m	0.358	ng/ul	
21) Benzo(b)fluoranthene	23.44	252	3860m	0.443	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	1416m	0.166	ng/ul	
23) Benzo(a)pyrene	24.07	252	2492	0.327	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	26.66	276	1917	0.233	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.67	278	461	0.067	ng/ul#	29
26) Benzo(g,h,i)perylene	27.44	276	1710	0.247	ng/ul#	90

JU 11/30/20

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