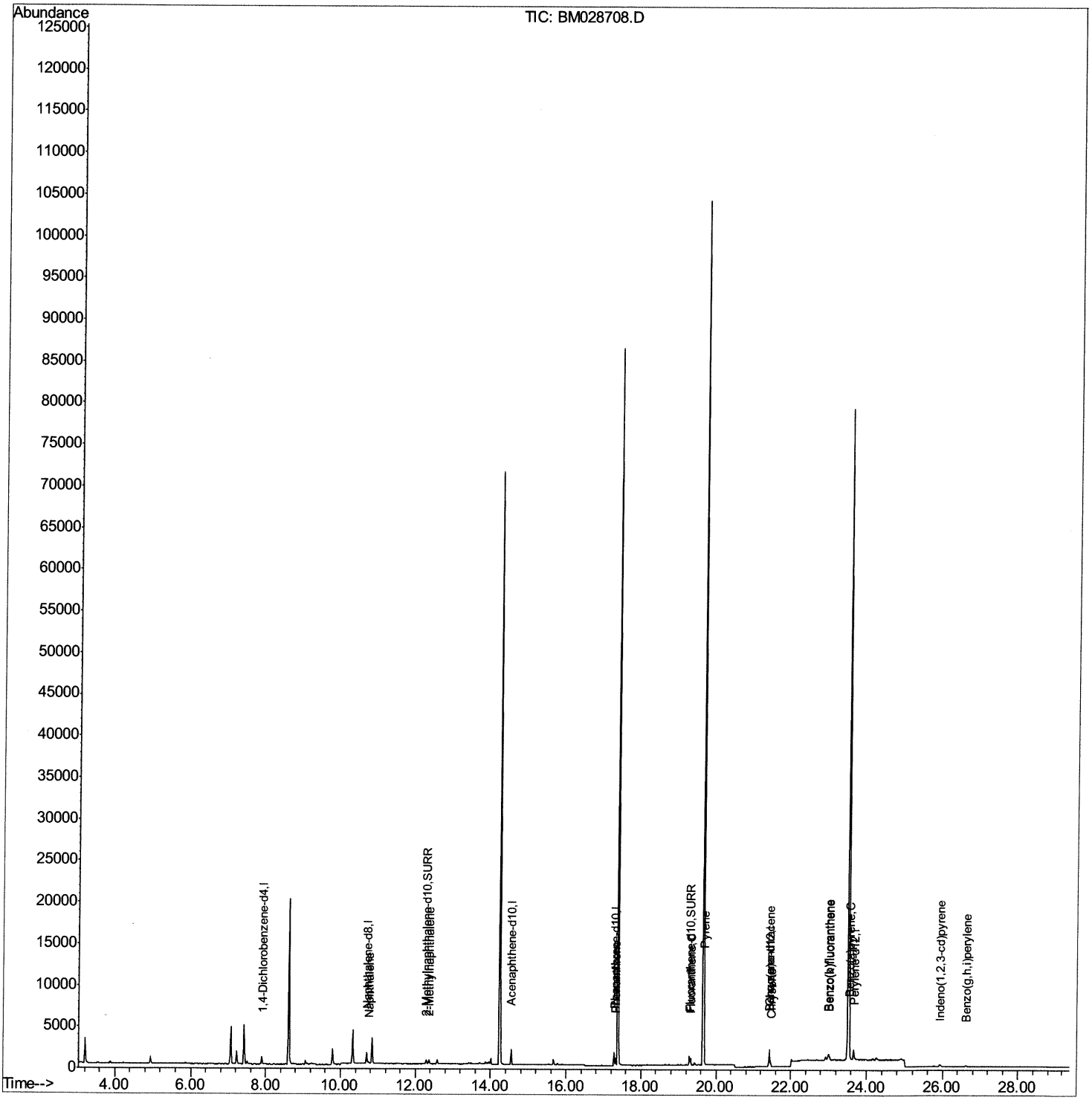
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 11 00:18:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM



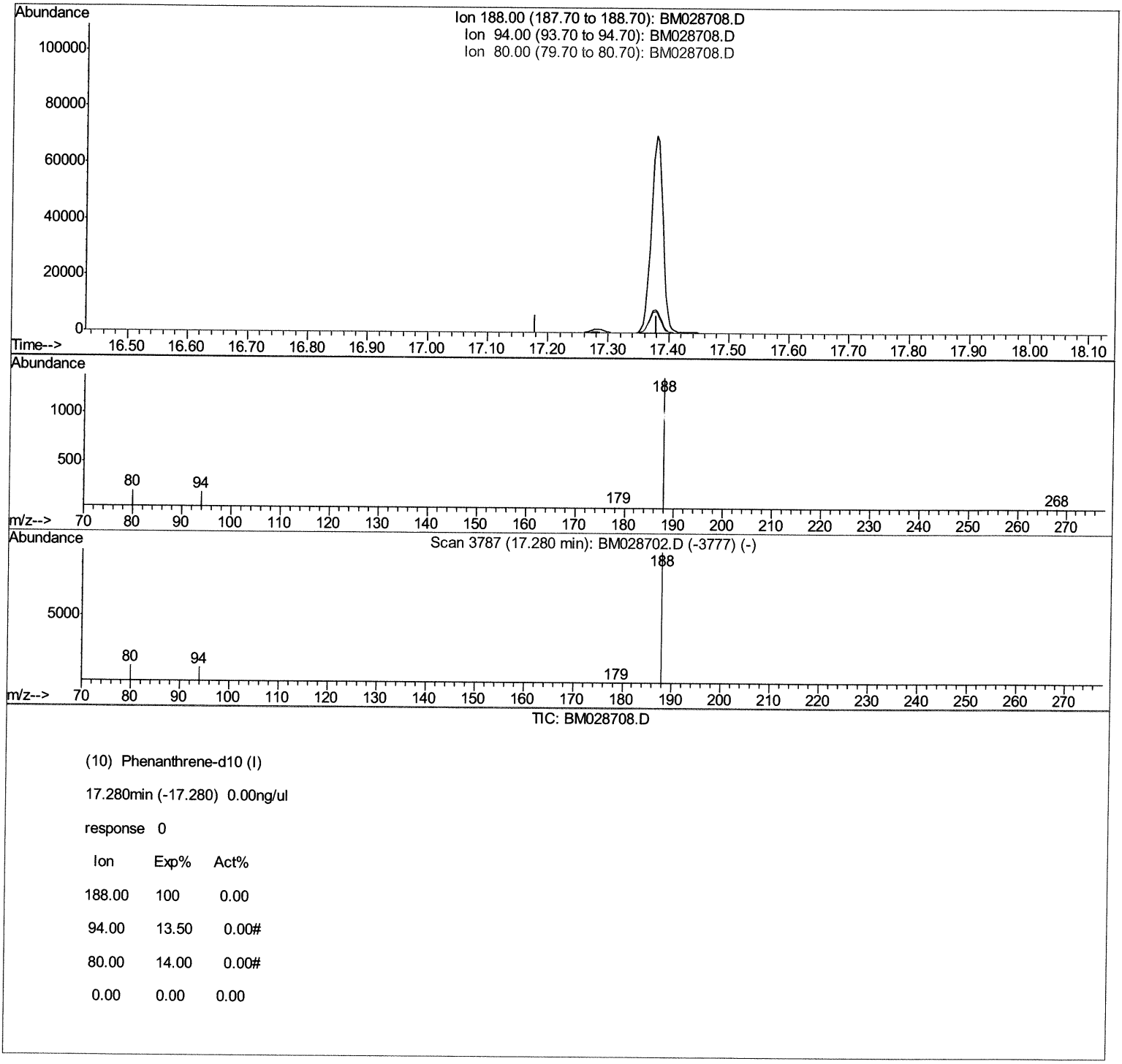
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 23:36:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM



TIC: BM028708.D

(10) Phenanthrene-d10 (I)

17.280min (-17.280) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	13.50	0.00#
80.00	14.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 23:36:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
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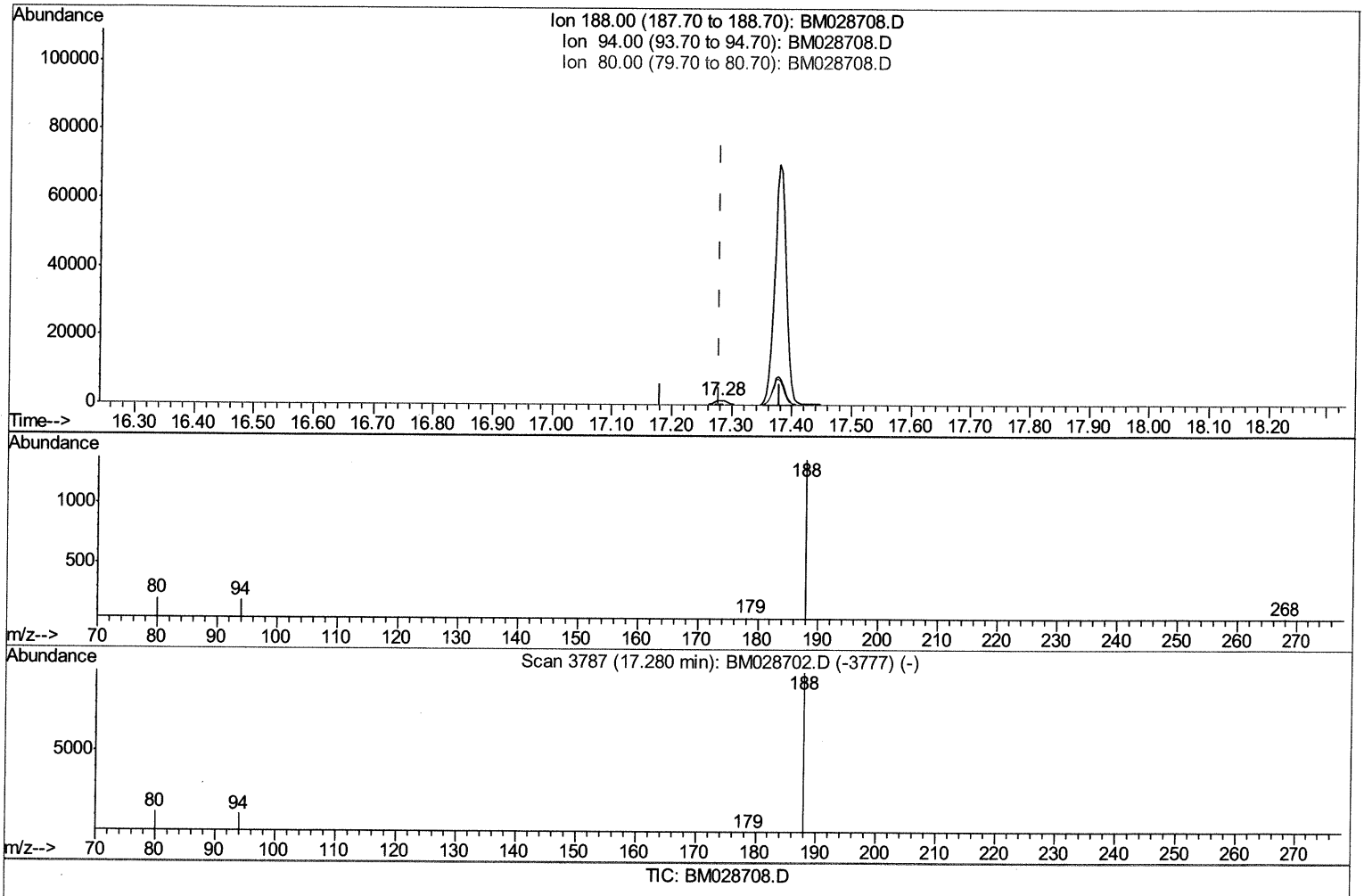
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM



TIC: BM028708.D

(10) Phenanthrene-d10 (I)

17.281min (+0.000) 0.40ng/ul m 02/12/21 JU

response 1889

Ion	Exp%	Act%
188.00	100	100
94.00	13.50	13.84
80.00	14.00	14.93
0.00	0.00	0.00

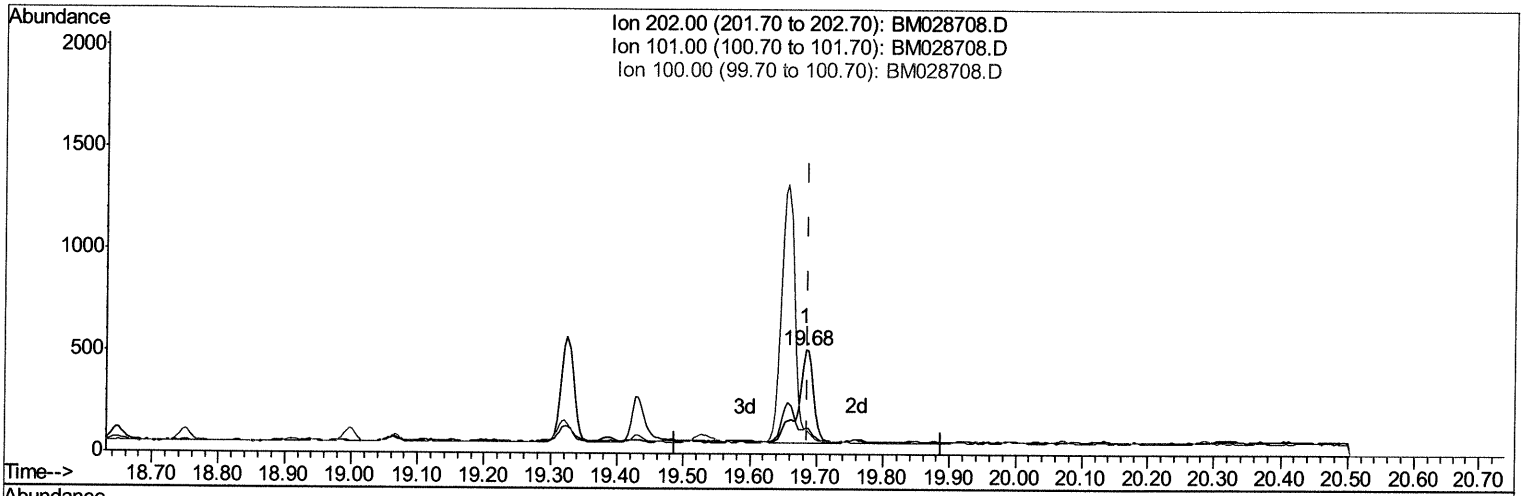
Quantitation Report (Qedit)

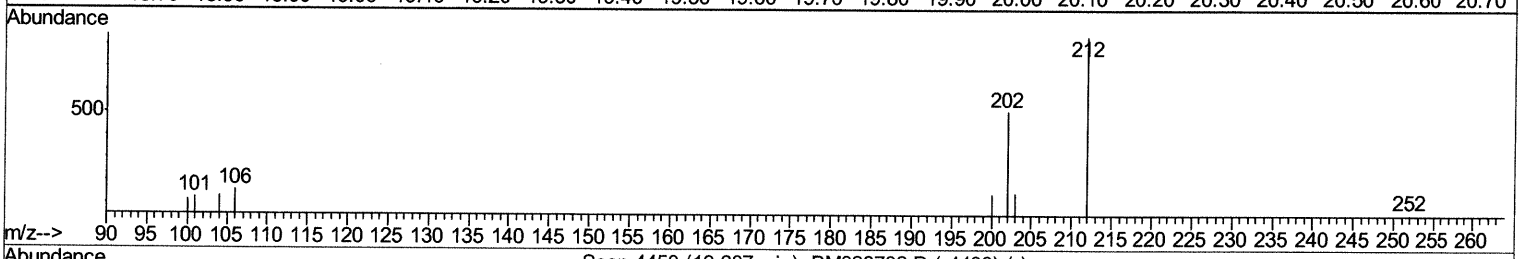
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

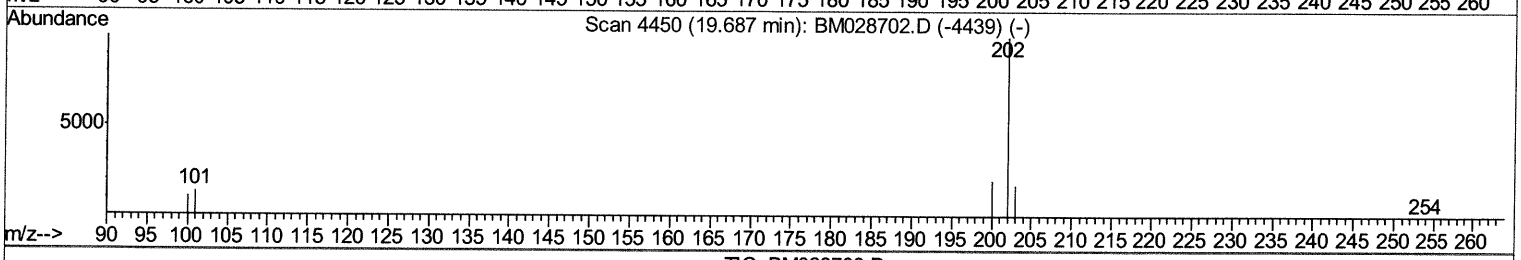
Quant Time: Feb 11 00:06:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM







TIC: BM028708.D

(17) Pyrene

19.684min (-0.003) 0.12ng/ul

response 761

Ion	Exp%	Act%
202.00	100	100
101.00	15.90	24.90#
100.00	12.80	23.33#
0.00	0.00	0.00

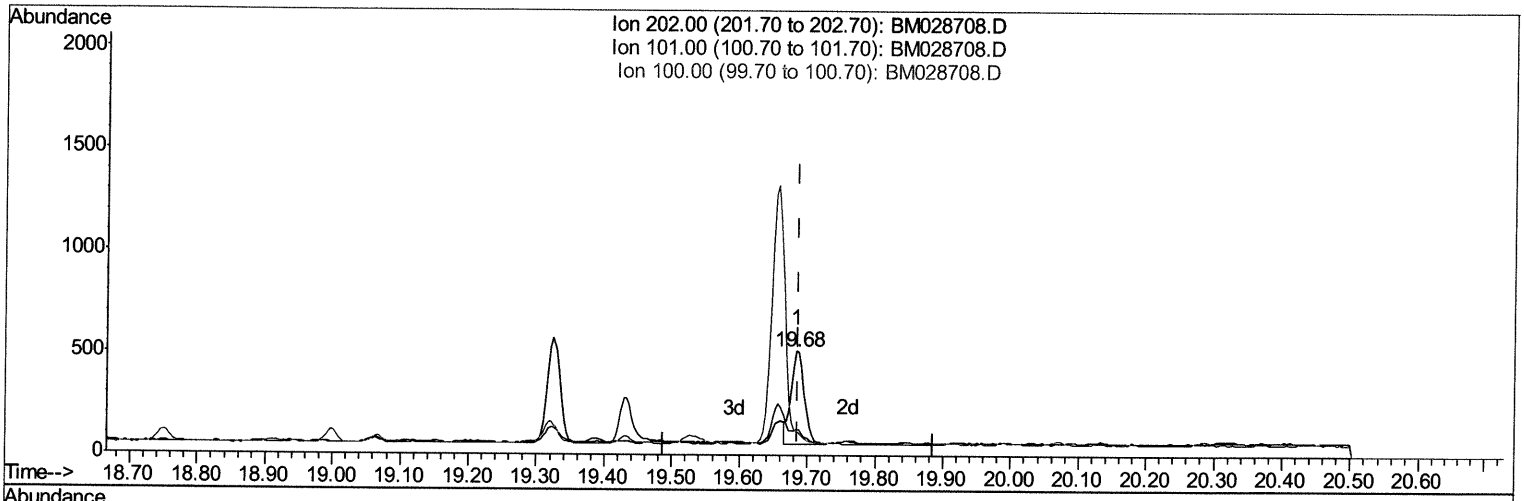
Quantitation Report (Qedit)

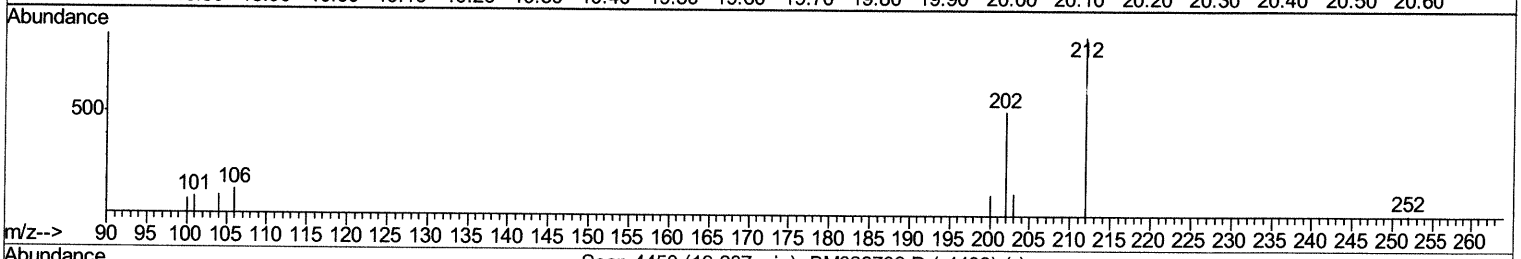
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

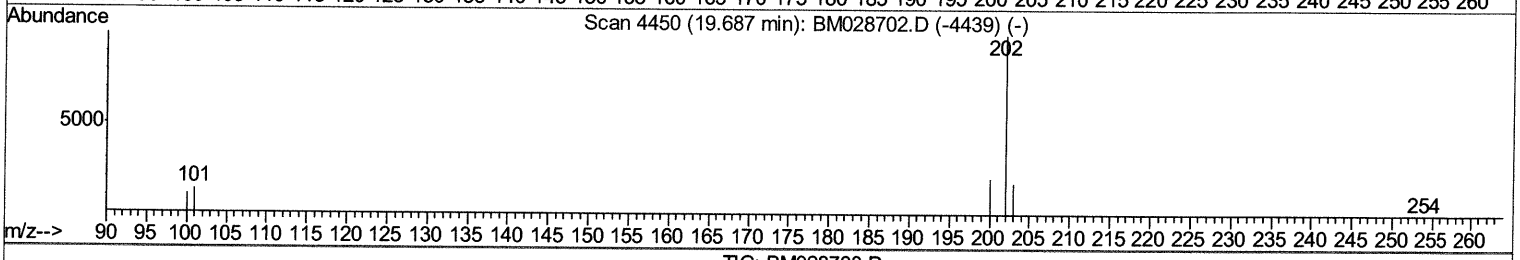
Quant Time: Feb 11 00:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM







TIC: BM028708.D

(17) Pyrene

19.684min (-0.003) 0.10ng/ul m 02/12/21 JU

response 628

Ion	Exp%	Act%
202.00	100	100
101.00	15.90	24.90#
100.00	12.80	23.33#
0.00	0.00	0.00

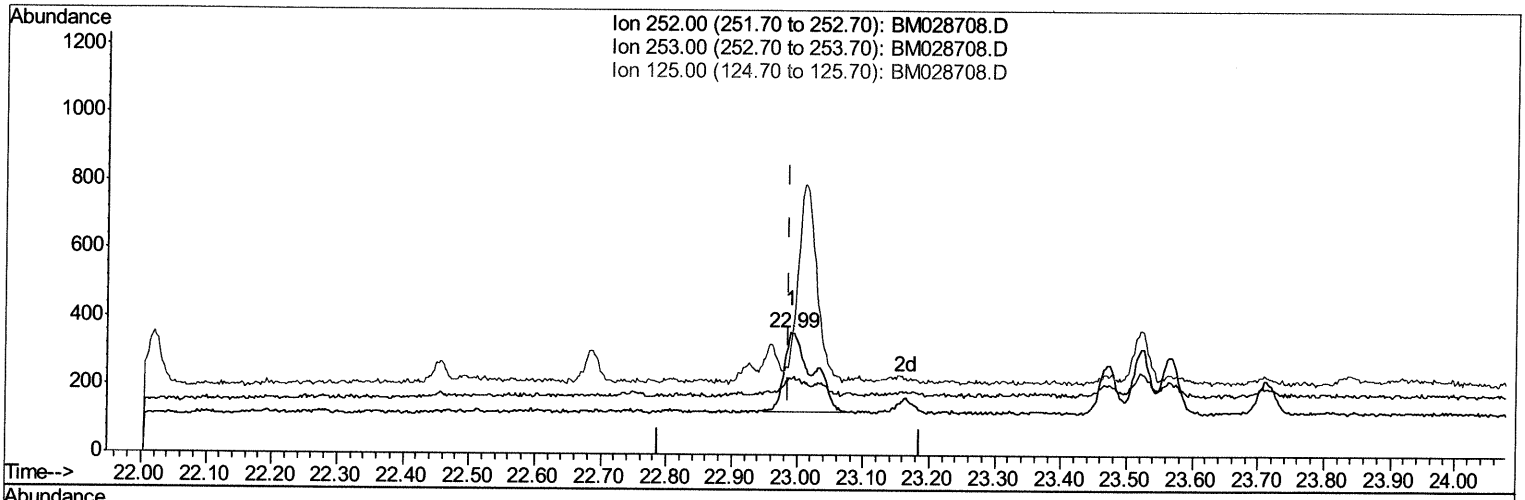
Quantitation Report (Qedit)

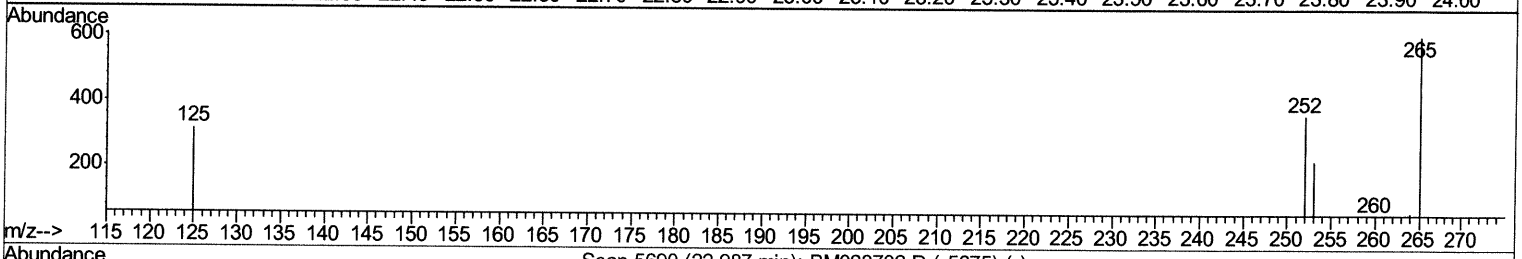
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

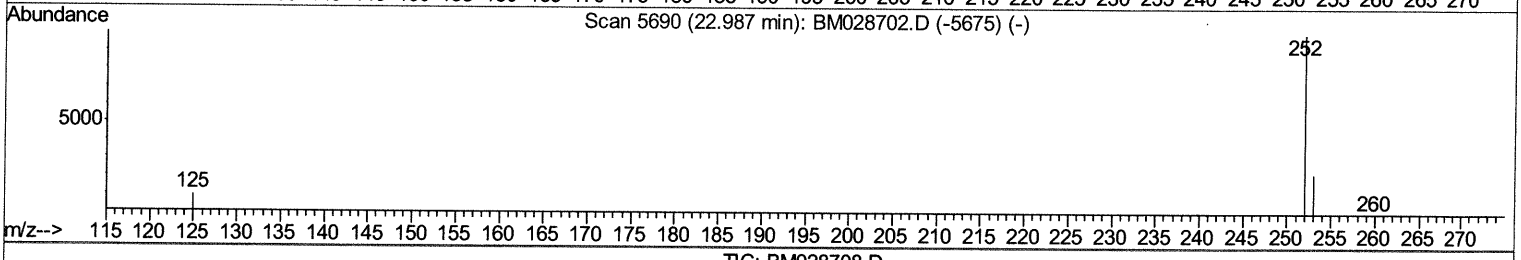
Quant Time: Feb 11 00:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM







TIC: BM028708.D

(21) Benzo(b)fluoranthene

22.990min (+0.003) 0.12ng/ul

response 704

Ion	Exp%	Act%
252.00	100	100
253.00	33.50	61.94
125.00	28.70	87.22#
0.00	0.00	0.00

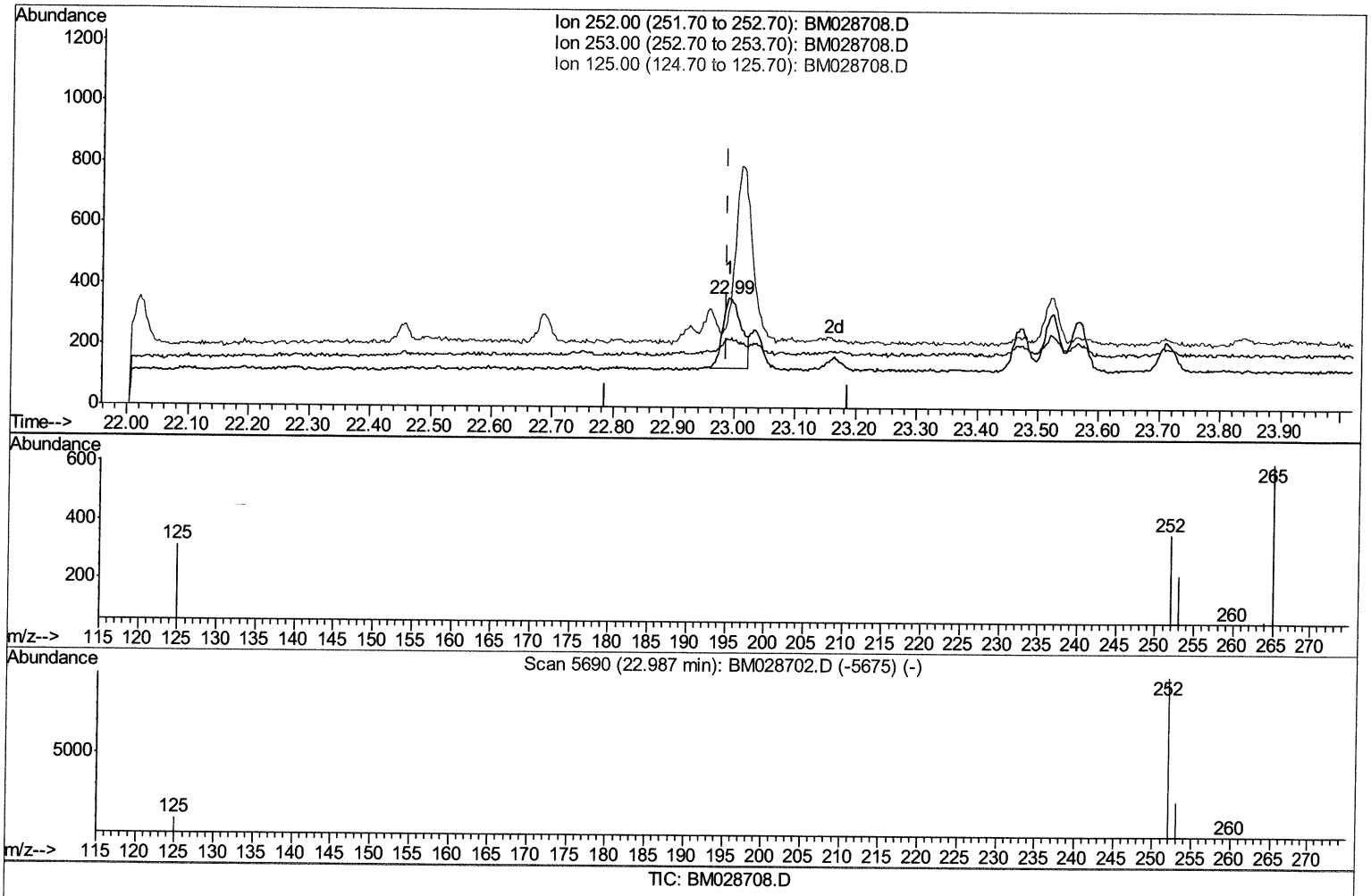
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 11 00:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM



TIC: BM028708.D

(21) Benzo(b)fluoranthene

22.990min (+0.003) 0.08ng/ul m 02/12/21 JU

response 481

Ion	Exp%	Act%
252.00	100	100
253.00	33.50	61.94
125.00	28.70	87.22#
0.00	0.00	0.00

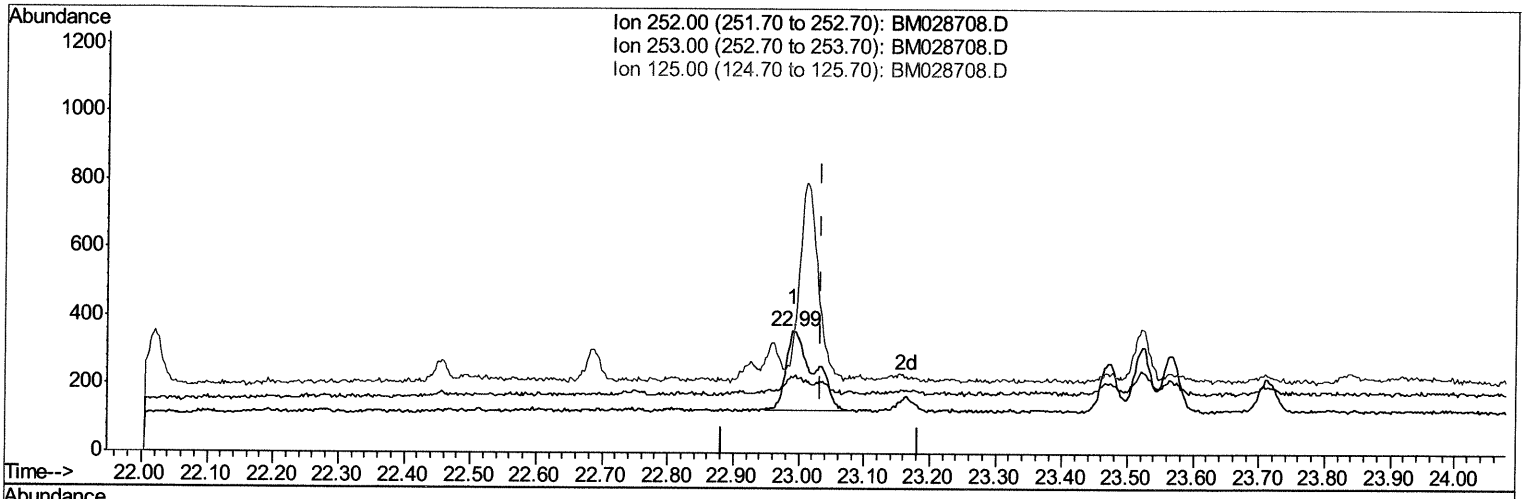
Quantitation Report (Qedit)

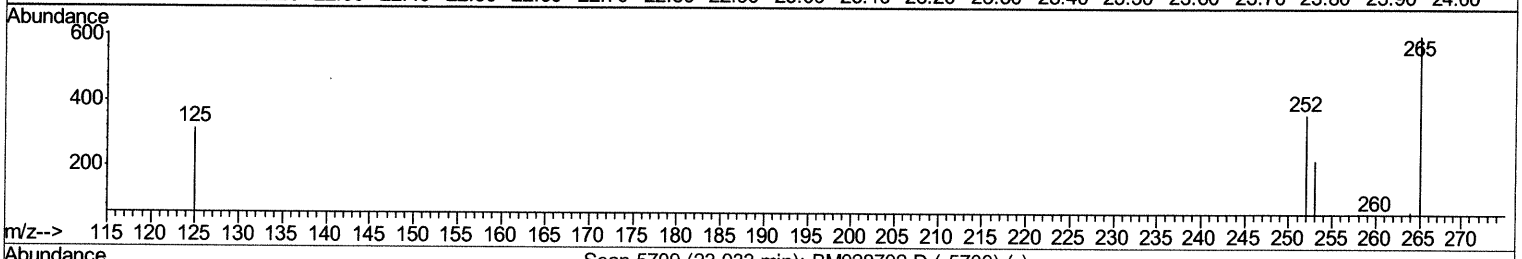
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

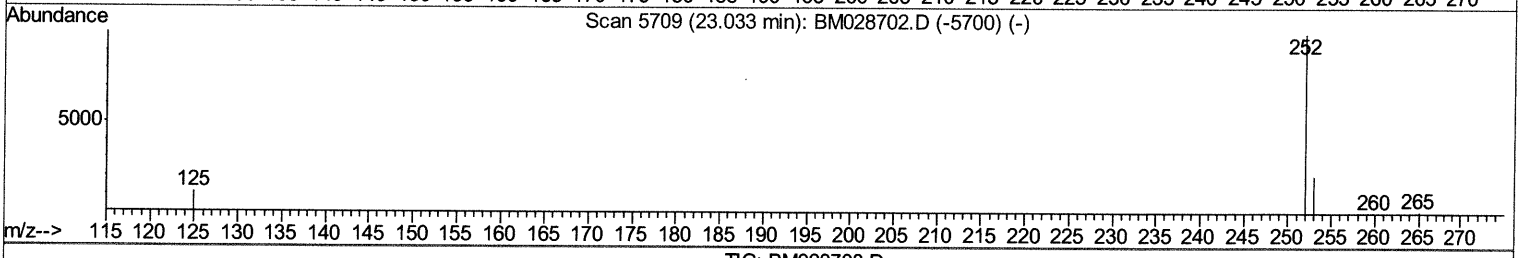
Quant Time: Feb 11 00:15:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM







TIC: BM028708.D

(22) Benzo(k)fluoranthene

22.990min (-0.043) 0.12ng/ul

response 704

Ion	Exp%	Act%
252.00	100	100
253.00	32.90	61.94#
125.00	28.60	87.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 11 00:15:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
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Instrument :
BNA_M
ClientSampleId :
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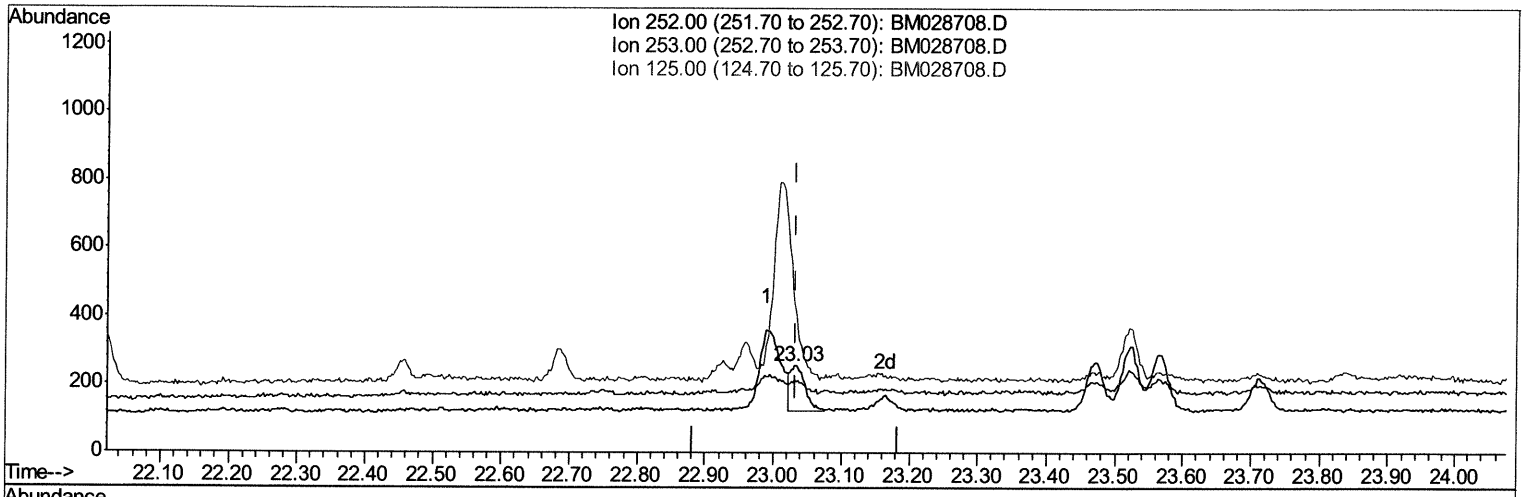
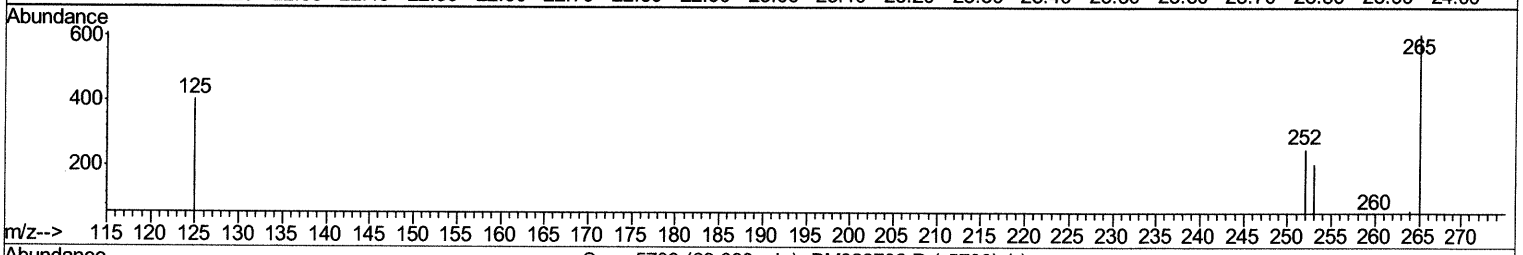
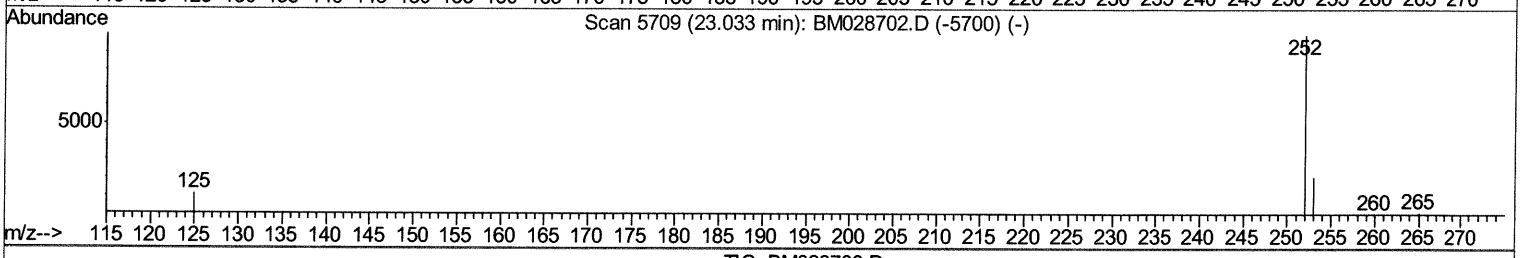
Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM







TIC: BM028708.D

(22) Benzo(k)fluoranthene

23.034min (+0.000) 0.04ng/ul m 02/12/21 JU

response 209

Ion	Exp%	Act%
252.00	100	100
253.00	32.90	82.35#
125.00	28.60	158.43#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A37

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:11 AM

Quant Time: Feb 11 00:18:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	471	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	1848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	1889m>	0.40	ng/ul>	0.00 02/12/21 JU
16) Chrysene-d12	21.43	240	1689	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1694	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	592	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1140	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	317	0.069	ng/ul#	64
5) 2-Methylnaphthalene	12.37	142	372	0.121	ng/ul	98
12) Phenanthrene	17.32	178	1019	0.193	ng/ul	94
15) Fluoranthene	19.33	202	680	0.113	ng/ul	73
17) Pyrene	19.68	202	628m >	0.102	ng/ul >	02/12/21 JU
18) Benzo(a)anthracene	21.41	228	328	0.057	ng/ul#	71
19) Chrysene	21.46	228	533	0.093	ng/ul#	78
21) Benzo(b)fluoranthene	22.99	252	481m }	0.083	ng/ul }	
22) Benzo(k)fluoranthene	23.03	252	209m }	0.036	ng/ul }	02/12/21 JU
23) Benzo(a)pyrene	23.56	252	304	0.059	ng/ul#	26
24) Indeno(1,2,3-cd)pyrene	25.93	276	246	0.037	ng/ul#	100
26) Benzo(g,h,i)perylene	26.62	276	218	0.039	ng/ul#	36

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