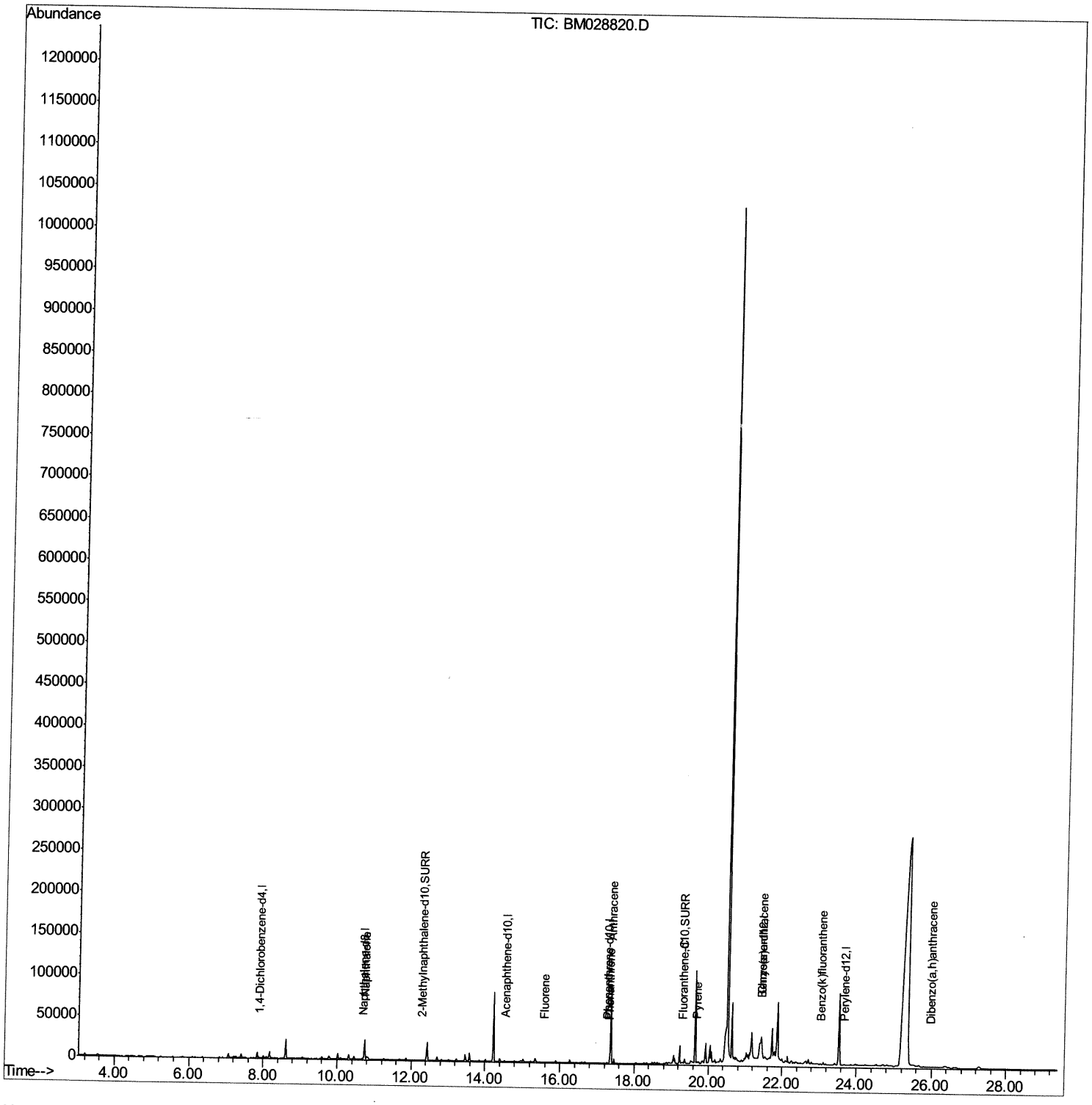
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 19 16:00:02 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 : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM



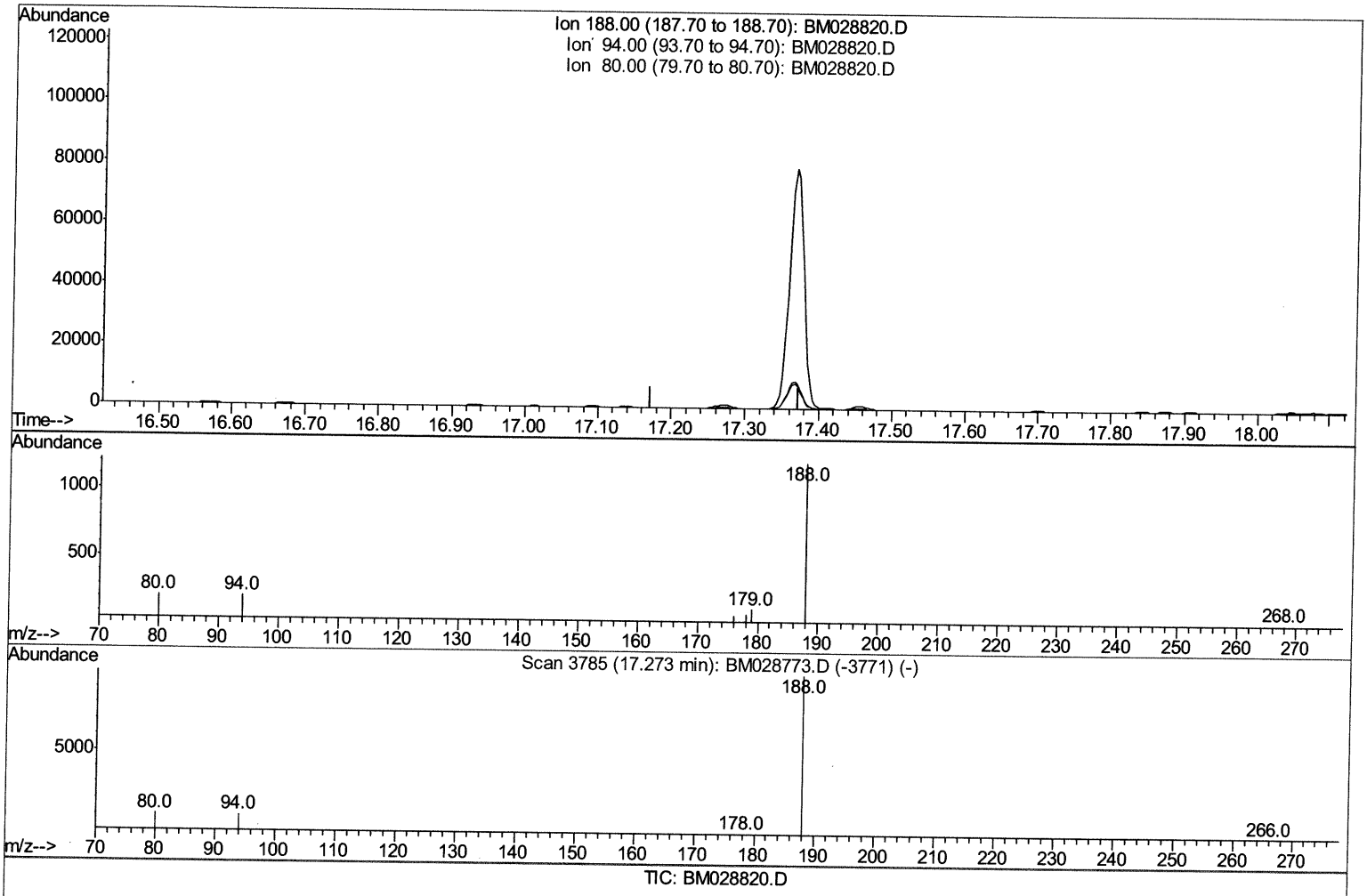
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 19 15:43:38 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 : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM



TIC: BM028820.D

(10) Phenanthrene-d10 (I)

17.272min (-17.272) 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

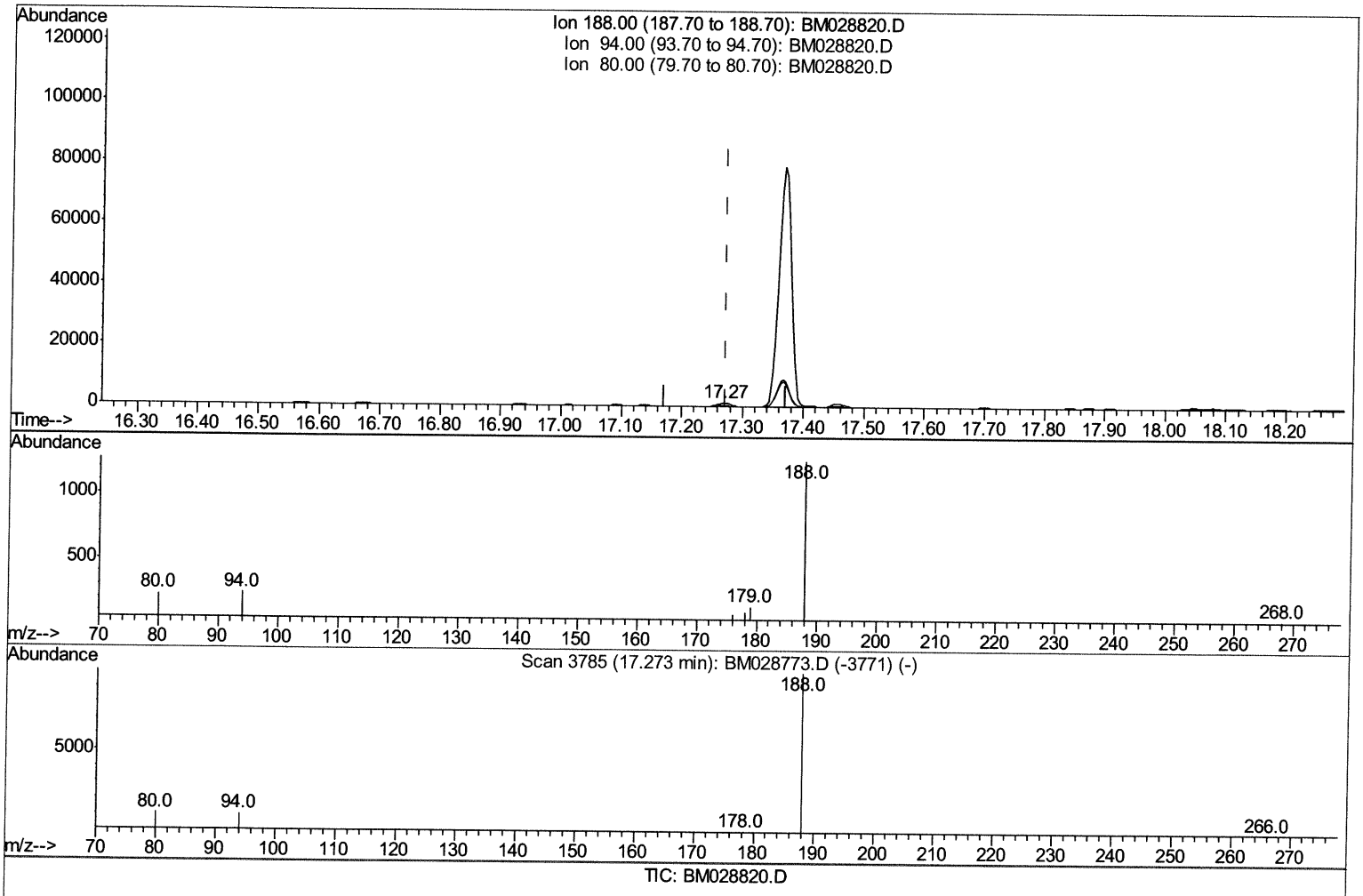
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 19 15:43:38 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 : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM



TIC: BM028820.D

(10) Phenanthrene-d10 (I)

17.270min (-0.002) 0.40ng/ul m JU 2/22/21

response 1823

Ion	Exp%	Act%
188.00	100	100
94.00	13.50	18.76#
80.00	14.00	17.97#
0.00	0.00	0.00

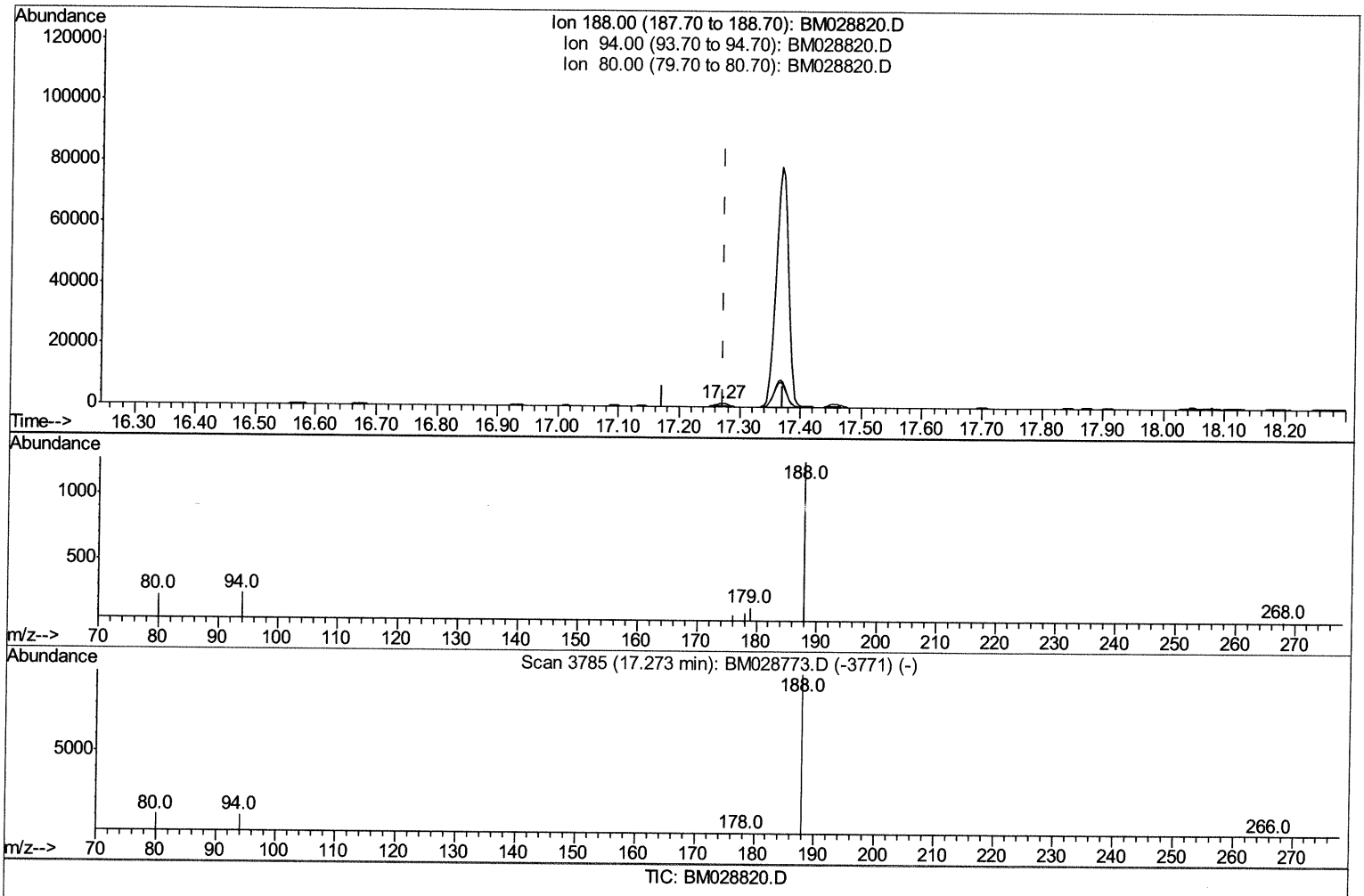
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 19 15:49:57 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 : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM



(10) Phenanthrene-d10 (I)

17.270min (-0.002) 0.40ng/ul m

response 1819

JG 2/22/21

Ion	Exp%	Act%
188.00	100	100
94.00	13.50	18.76#
80.00	14.00	17.97#
0.00	0.00	0.00

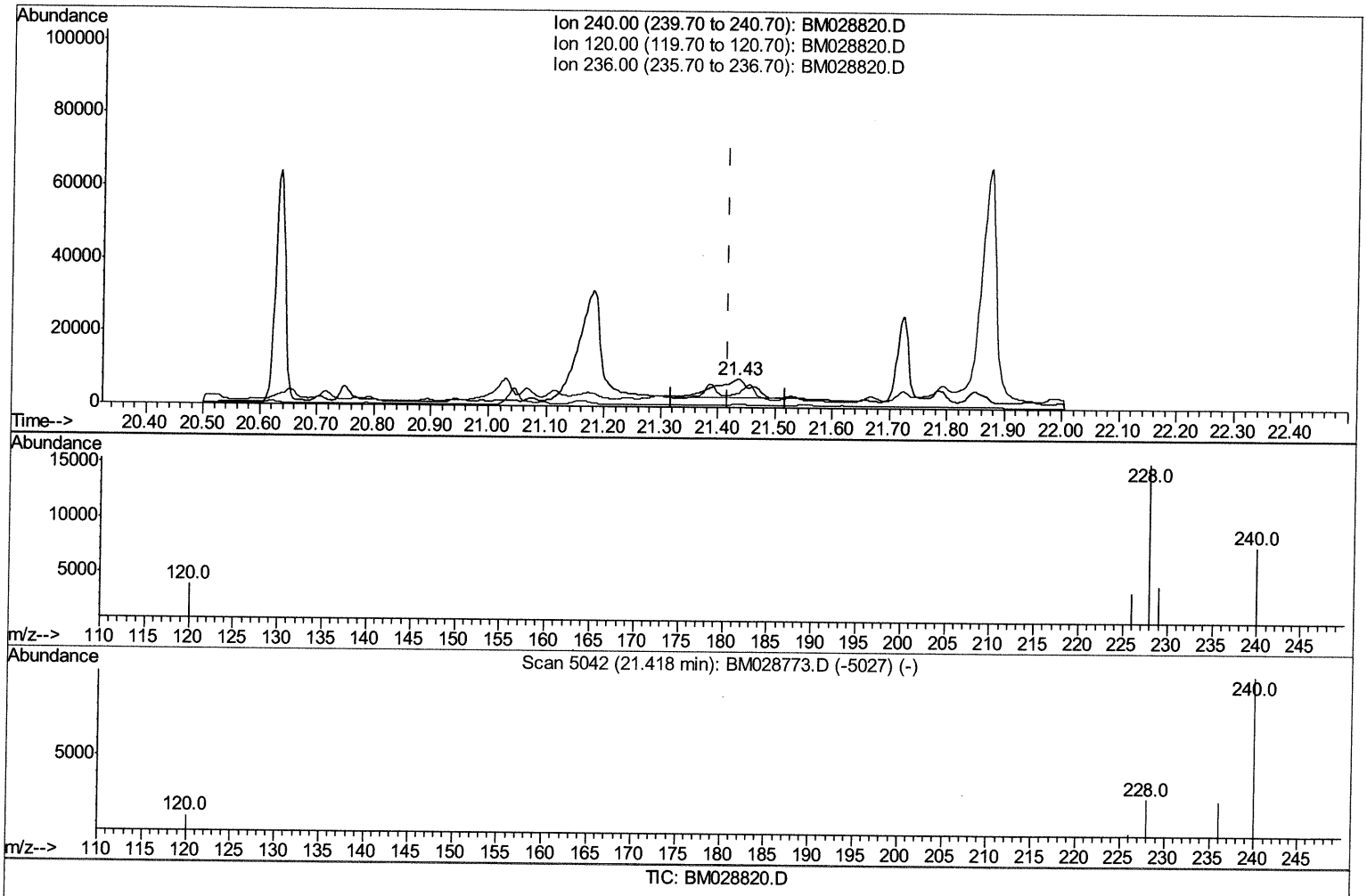
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 19 15:50:30 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 : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM



TIC: BM028820.D

(16) Chrysene-d12 (I)

21.435min (+0.017) 0.40ng/ul

response 23398

Ion	Exp%	Act%
240.00	100	100
120.00	22.20	50.30#
236.00	30.20	11.39#
0.00	0.00	0.00

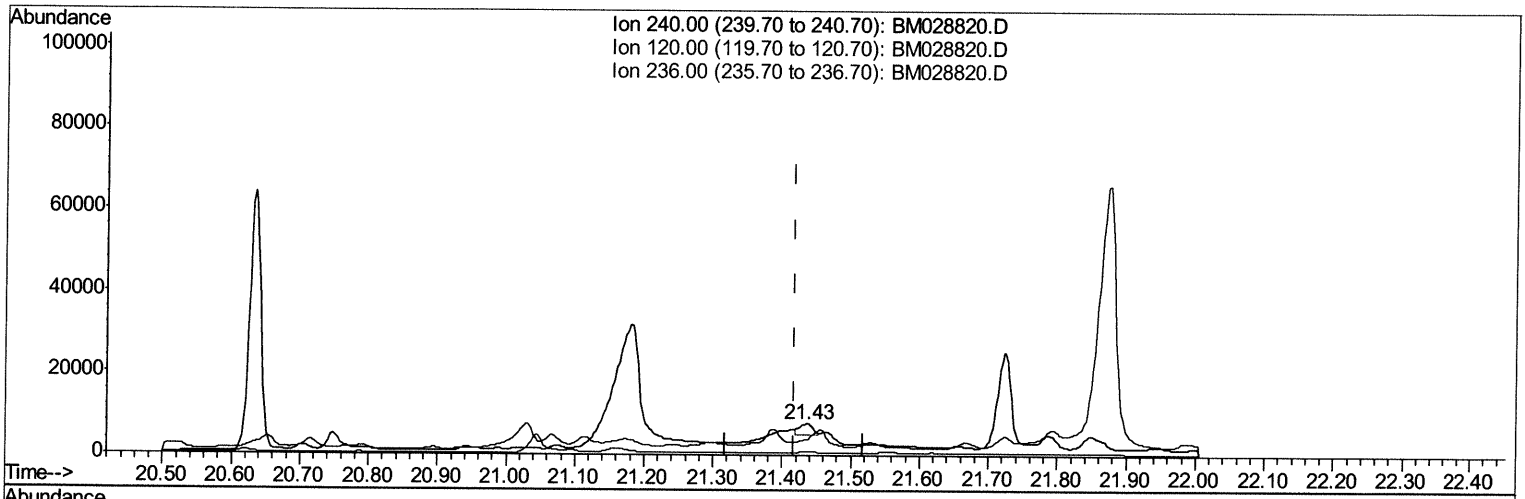
Quantitation Report (Qedit)

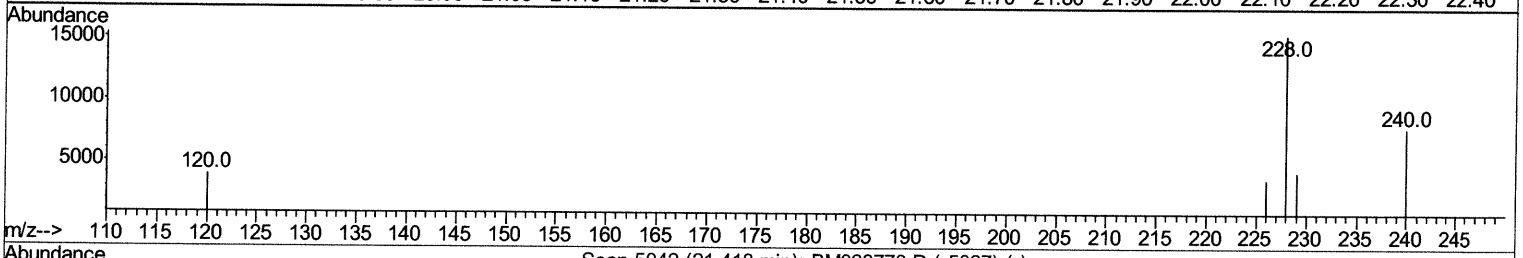
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

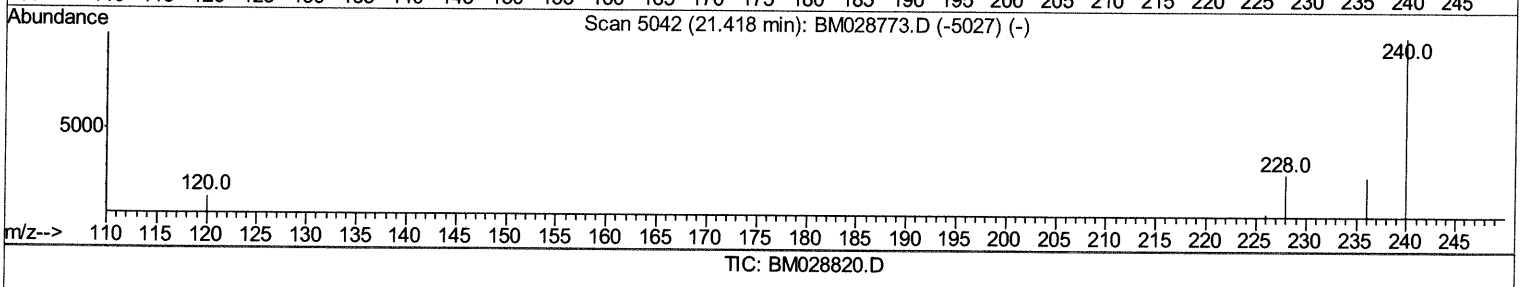
Quant Time: Feb 19 15:50:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM







TIC: BM028820.D

(16) Chrysene-d12 (I)

21.435min (+0.017) 0.40ng/ul m

response 3462

JG 2/22/21

Ion	Exp%	Act%
240.00	100	100
120.00	22.20	50.30#
236.00	30.20	11.39#
0.00	0.00	0.00

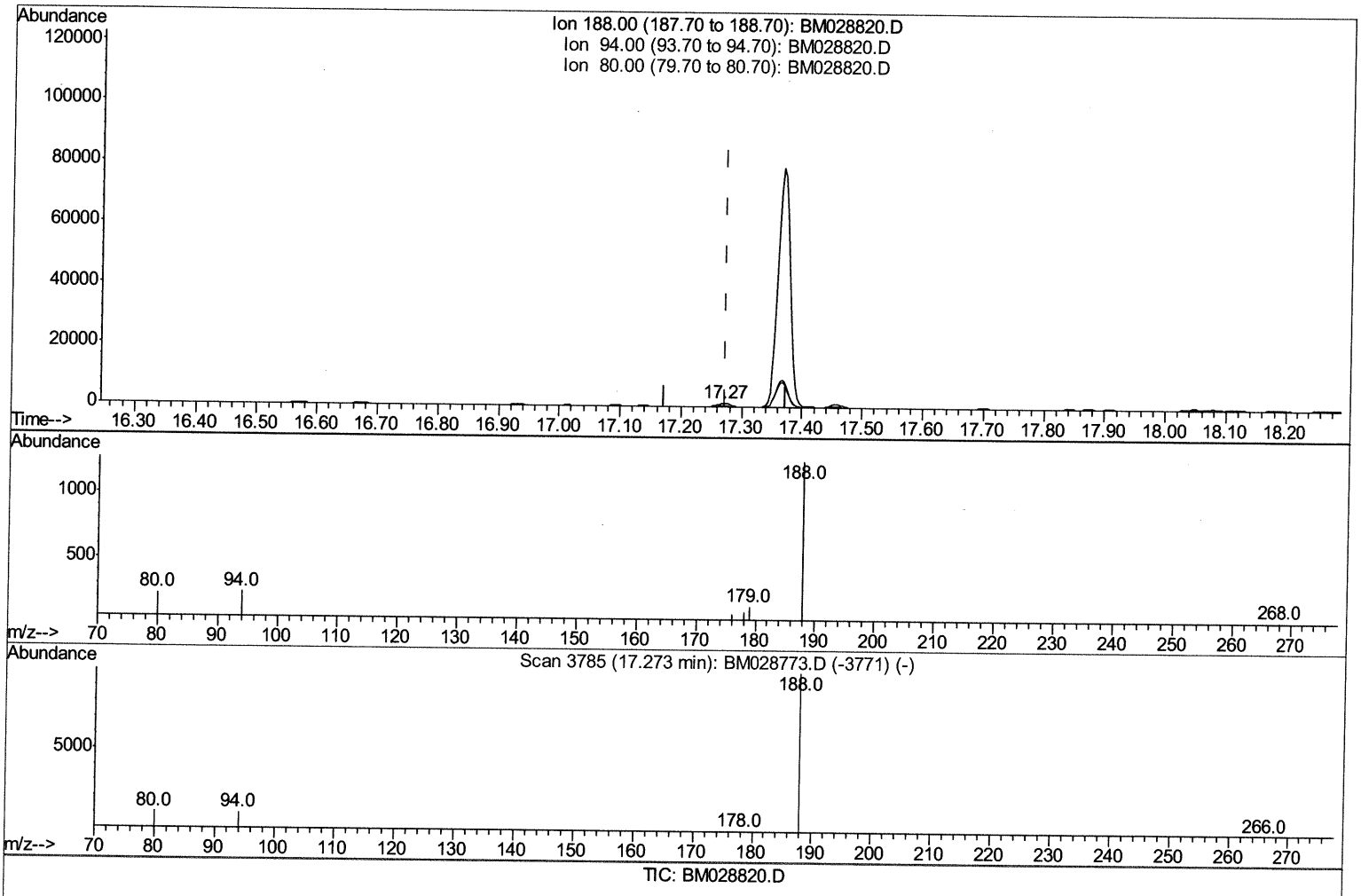
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 19 15:55:09 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 : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM



TIC: BM028820.D

(10) Phenanthrene-d10 (I)

17.270min (-0.002) 0.40ng/ul m

response 1787

Ion	Exp%	Act%
188.00	100	100
94.00	13.50	18.76#
80.00	14.00	17.97#
0.00	0.00	0.00

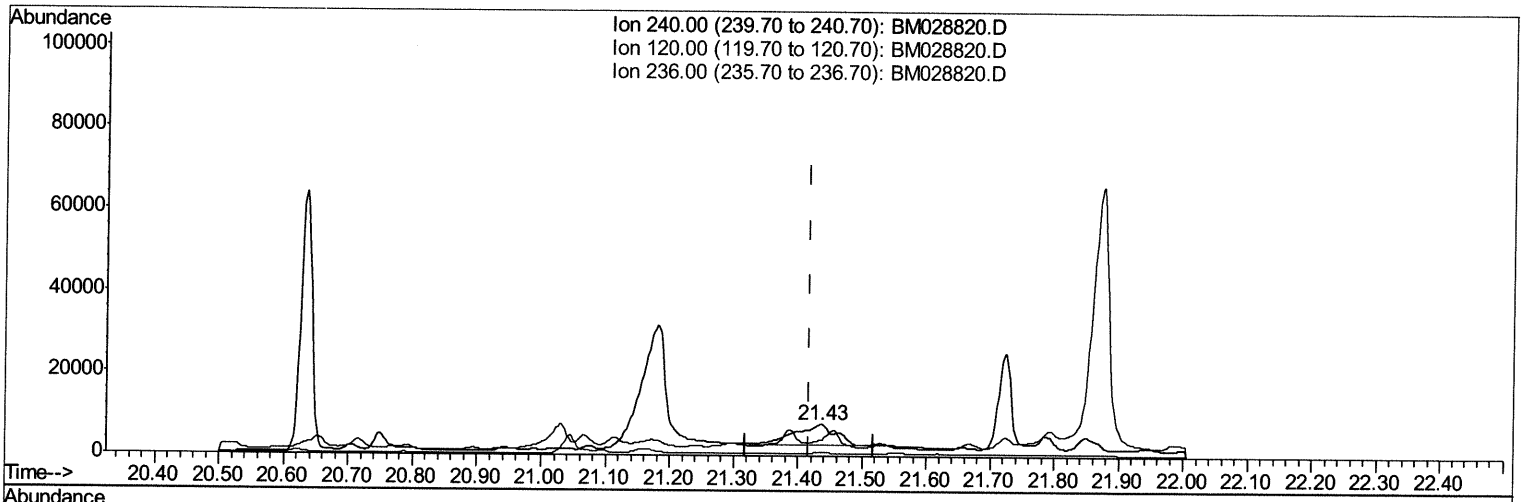
Quantitation Report (Qedit)

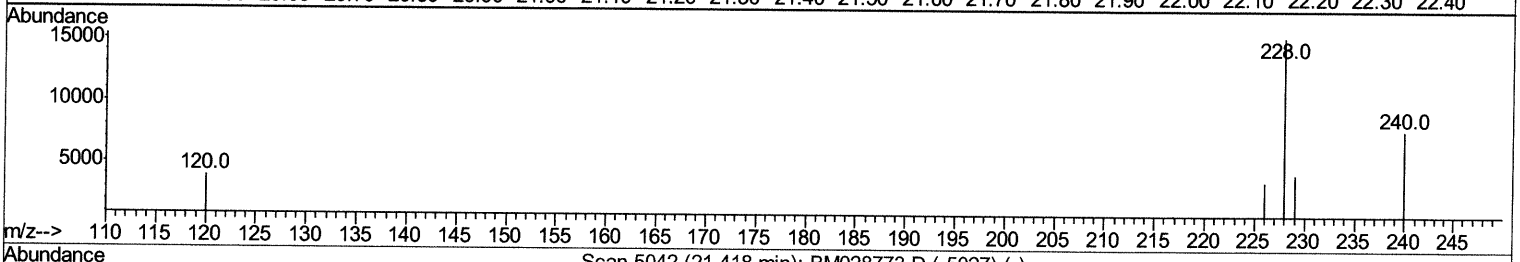
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

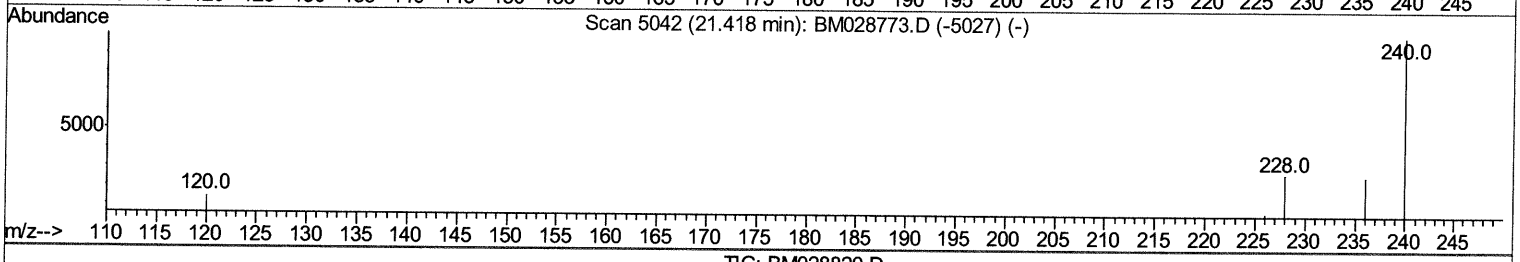
Quant Time: Feb 19 15:55:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM







TIC: BM028820.D

(16) Chrysene-d12 (I)

21.435min (+0.017) 0.40ng/ul

response 23398

Ion	Exp%	Act%
240.00	100	100
120.00	22.20	50.30#
236.00	30.20	11.39#
0.00	0.00	0.00

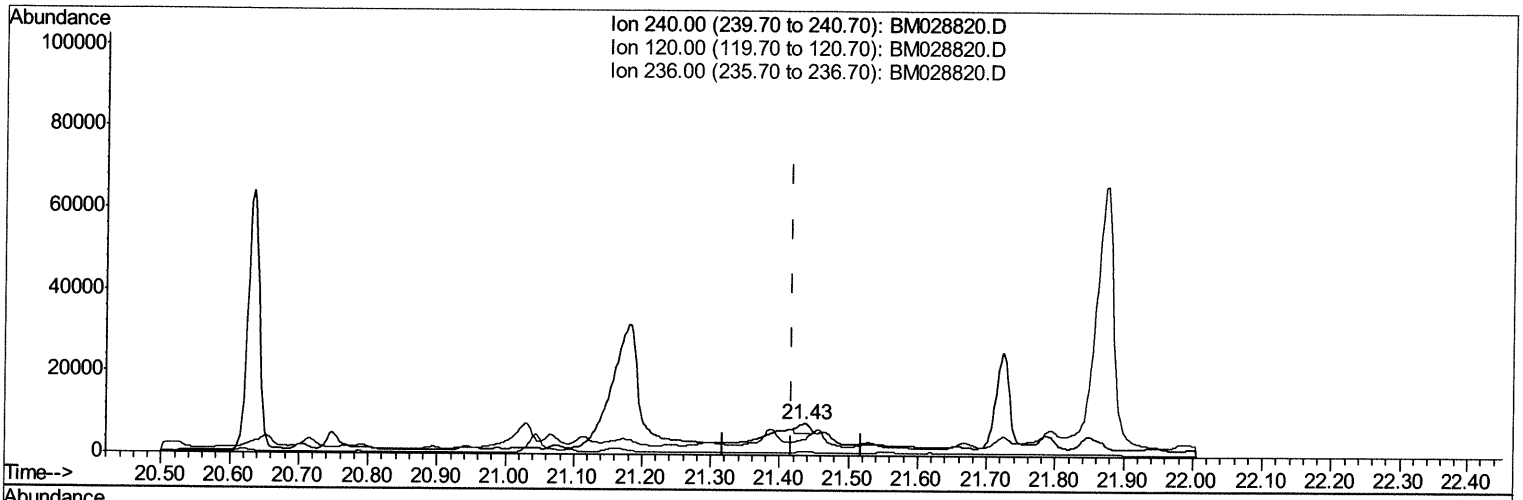
Quantitation Report (Qedit)

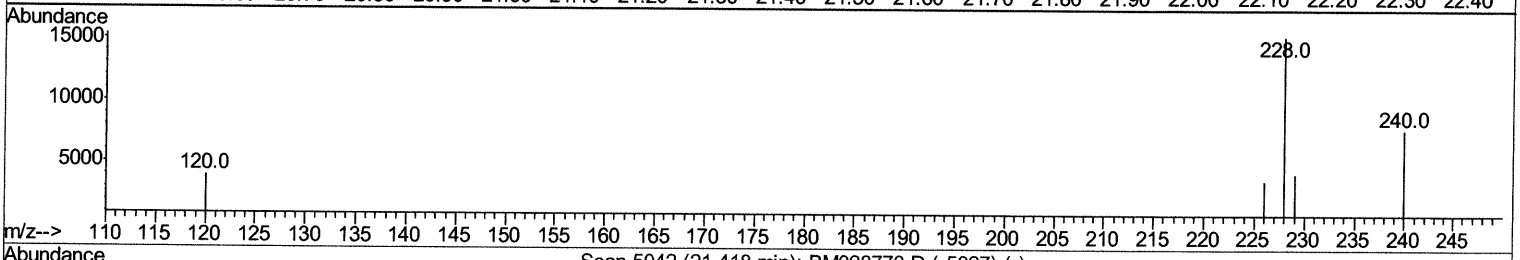
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

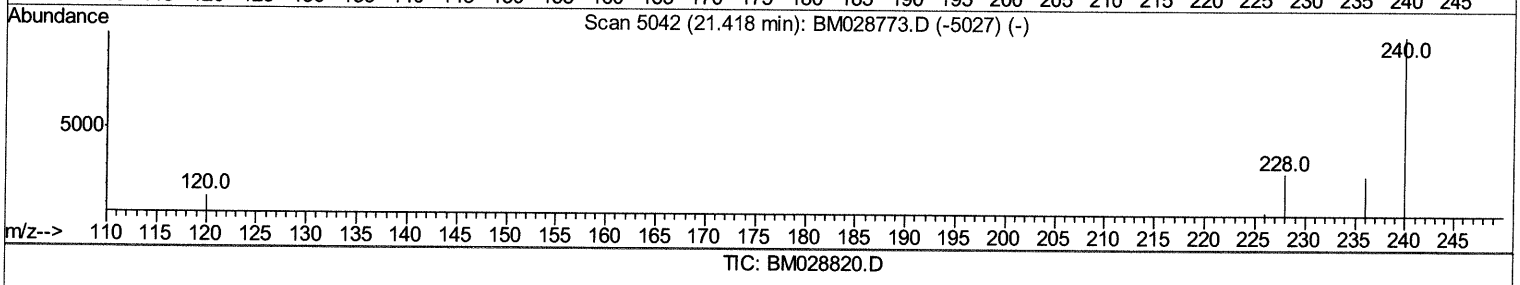
Quant Time: Feb 19 15:55:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM







TIC: BM028820.D

(16) Chrysene-d12 (I)

21.435min (+0.017) 0.40ng/ul m

response 2767

JU 2/22/21

Ion	Exp%	Act%
240.00	100	100
120.00	22.20	50.30#
236.00	30.20	11.39#
0.00	0.00	0.00

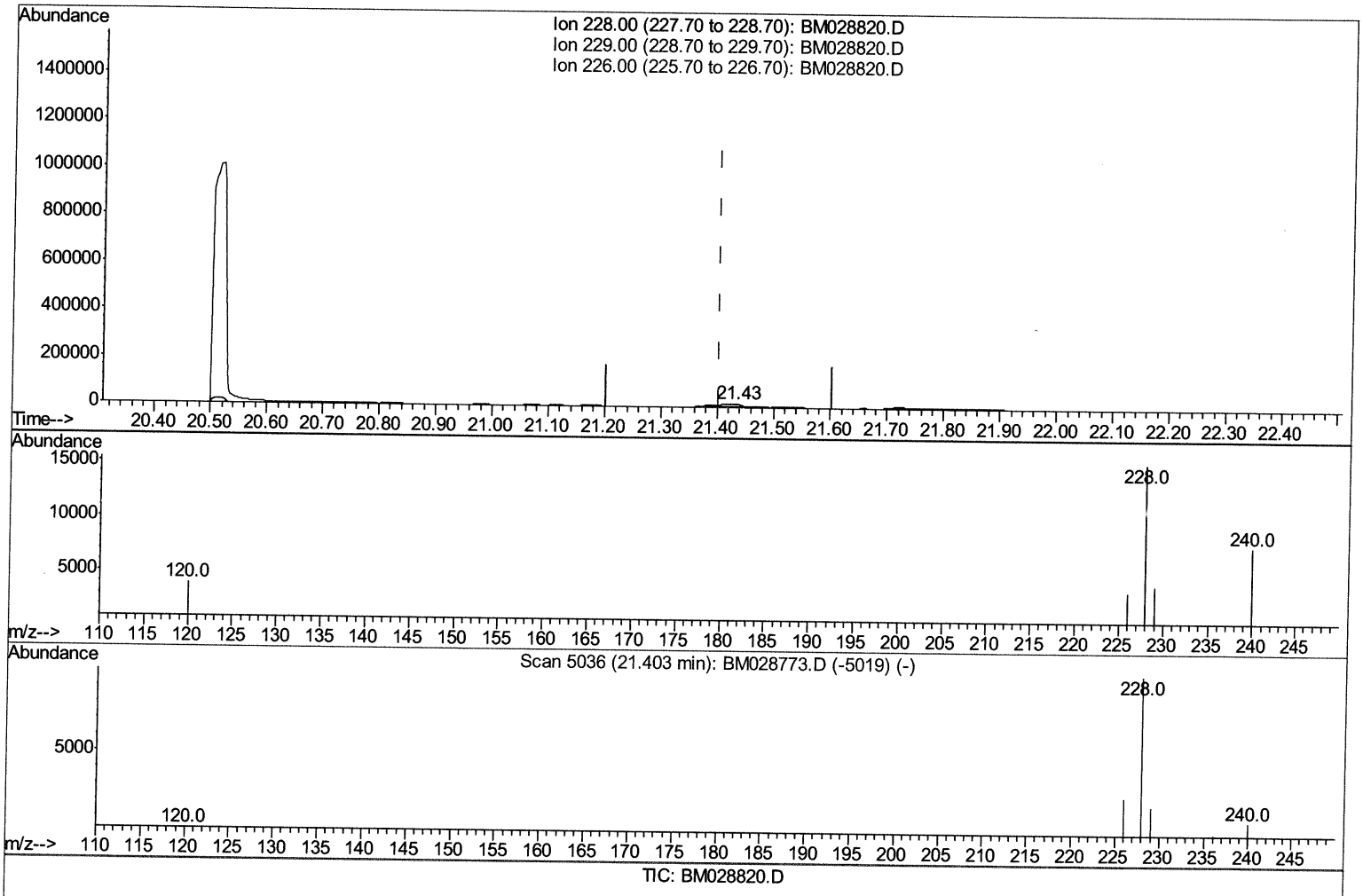
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 19 15:58:15 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 : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM



TIC: BM028820.D

(18) Benzo(a)anthracene

21.435min (+0.031) 5.81ng/ul

response 54876

Ion	Exp%	Act%
228.00	100	100
229.00	23.60	27.48
226.00	28.30	23.90
0.00	0.00	0.00

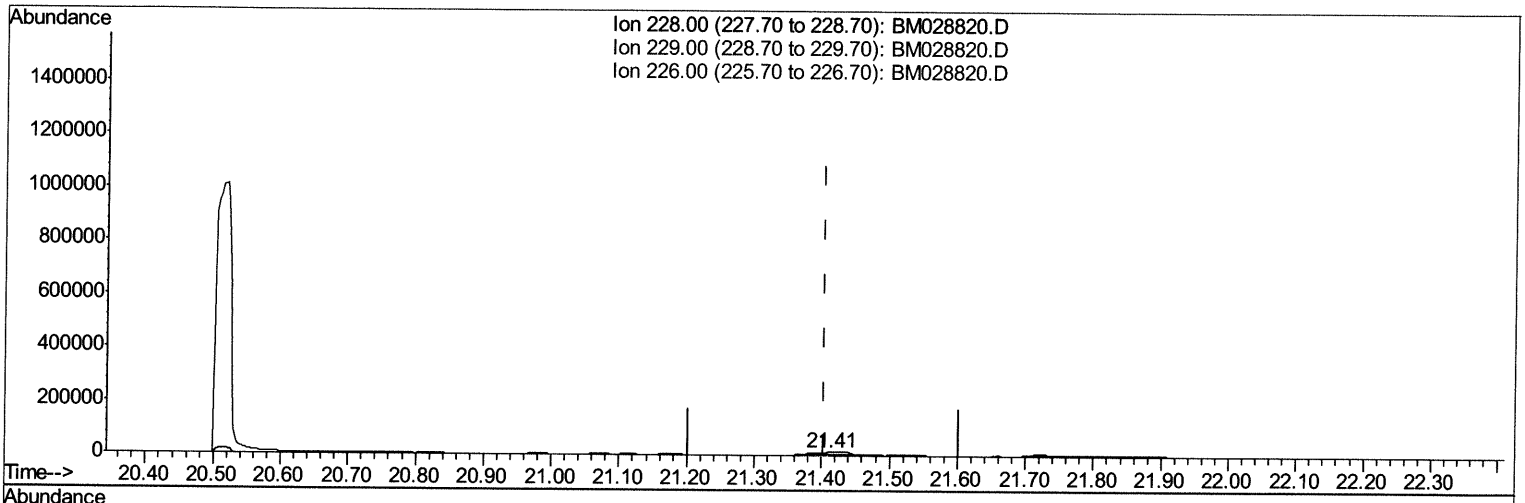
Quantitation Report (Qedit)

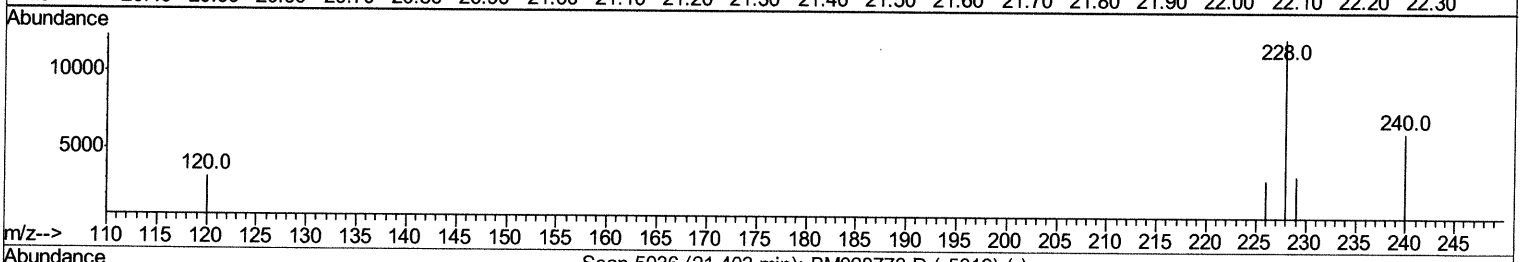
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

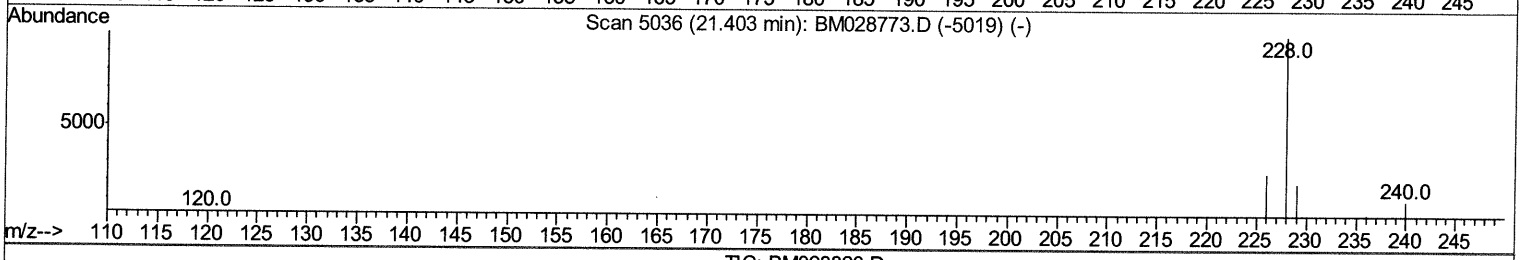
Quant Time: Feb 19 15:58:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM







TIC: BM028820.D

(18) Benzo(a)anthracene

21.411min (+0.007) 2.80ng/ul m

response 26478

2/22/21

Ion	Exp%	Act%
228.00	100	100
229.00	23.60	27.61
226.00	28.30	25.73
0.00	0.00	0.00

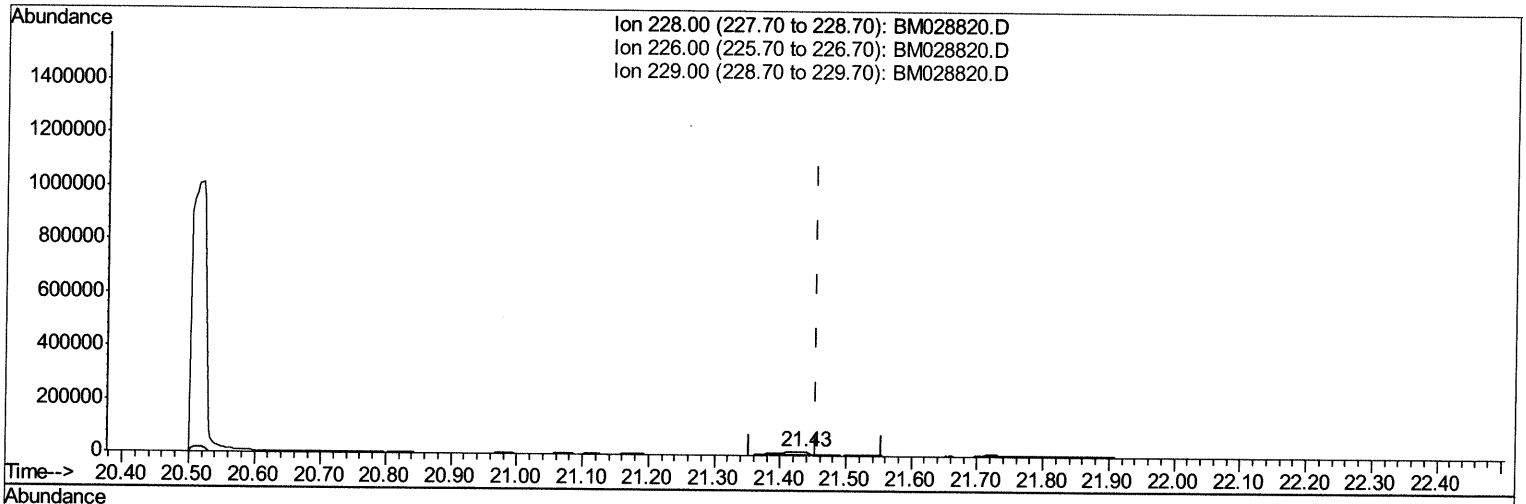
Quantitation Report (Qedit)

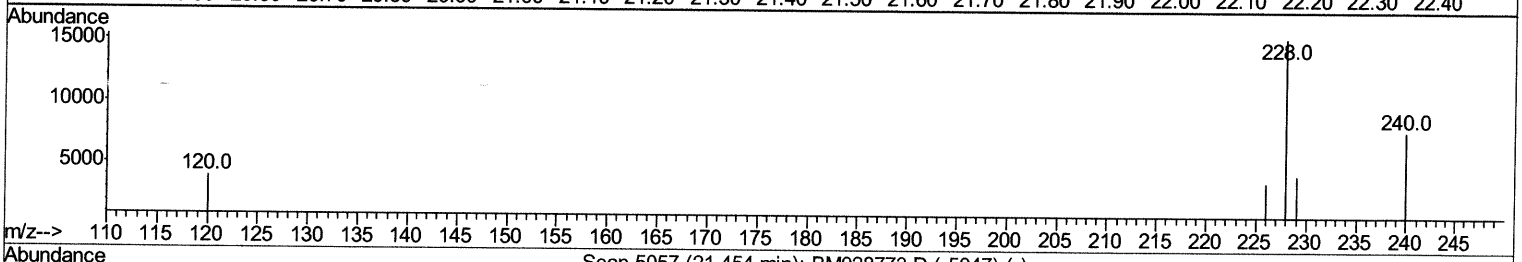
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

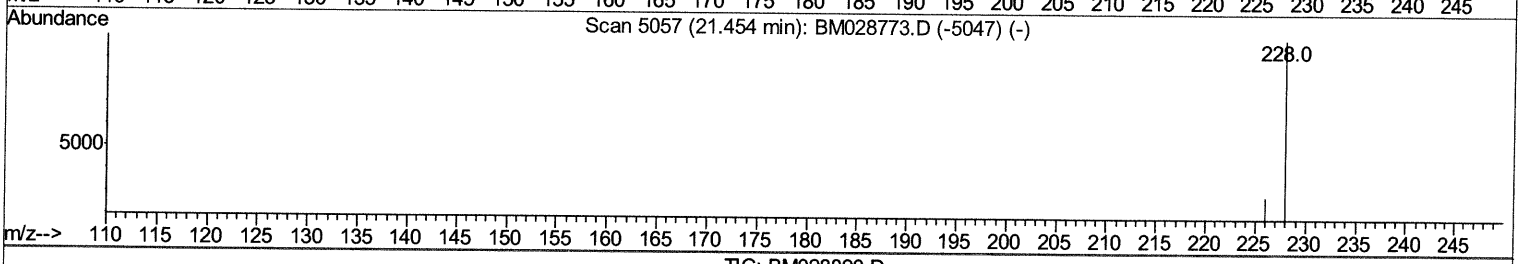
Quant Time: Feb 19 15:58:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM







TIC: BM028820.D

(19) Chrysene

21.435min (-0.020) 4.80ng/ul

response 45093

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	23.90#
229.00	23.50	27.48
0.00	0.00	0.00

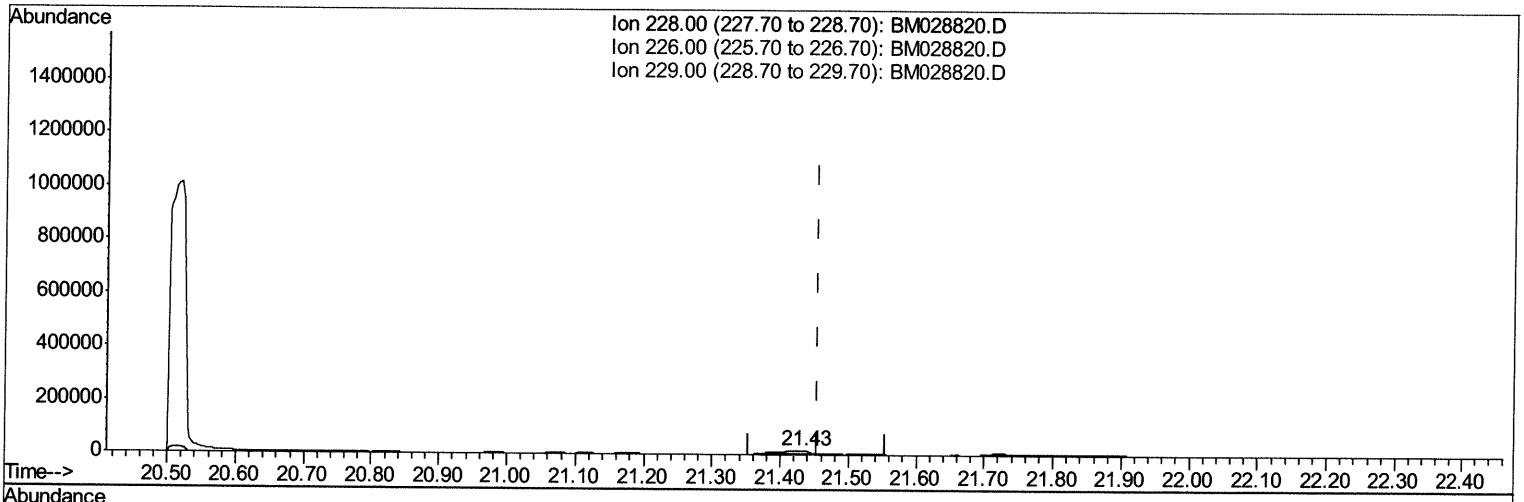
Quantitation Report (Qedit)

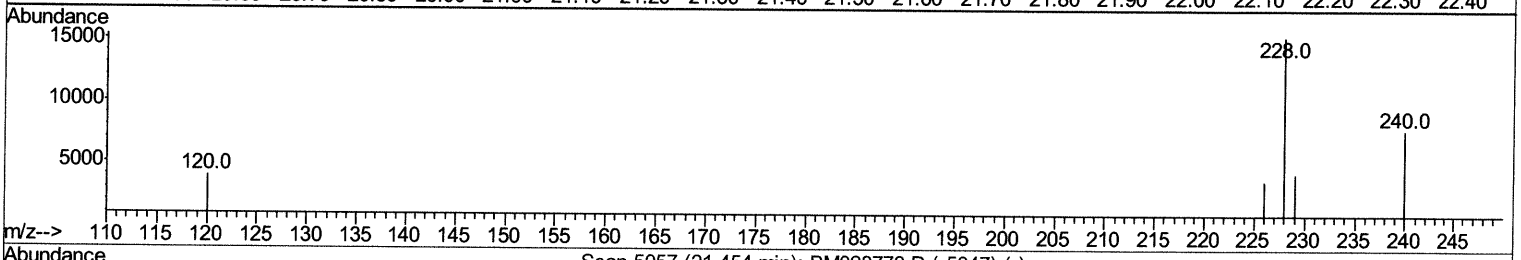
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

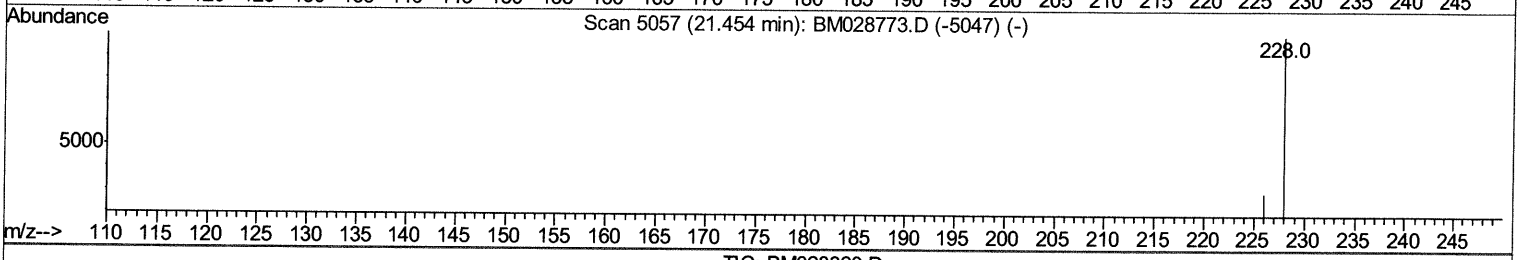
Quant Time: Feb 19 15:58:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM







TIC: BM028820.D

(19) Chrysene

21.435min (-0.020) 3.22ng/ul m

response 30199

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	23.90#
229.00	23.50	27.48
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\
Data File : BM028820.D
Acq On : 19 Feb 2021 15:13
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:07:49 PM

Quant Time: Feb 19 16:00:02 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 : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	339	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1452	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	1035	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1787m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	2767m	0.40	ng/ul	0.02
20) Perylene-d12	23.68	264	1484	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	682	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1404	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	84	0.023	ng/ul#	1
9) Fluorene	15.58	166	103	0.028	ng/ul#	85
12) Phenanthrene	17.31	178	276	0.055	ng/ul#	43
13) Anthracene	17.37	178	248	0.052	ng/ul#	1
15) Fluoranthene	19.32	202	377	0.066	ng/ul#	1
17) Pyrene	19.68	202	307	0.031	ng/ul#	22
18) Benzo(a)anthracene	21.41	228	26478m	2.803	ng/ul	
19) Chrysene	21.43	228	30199m	3.216	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	252	0.050	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.96	278	209	0.042	ng/ul#	1

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