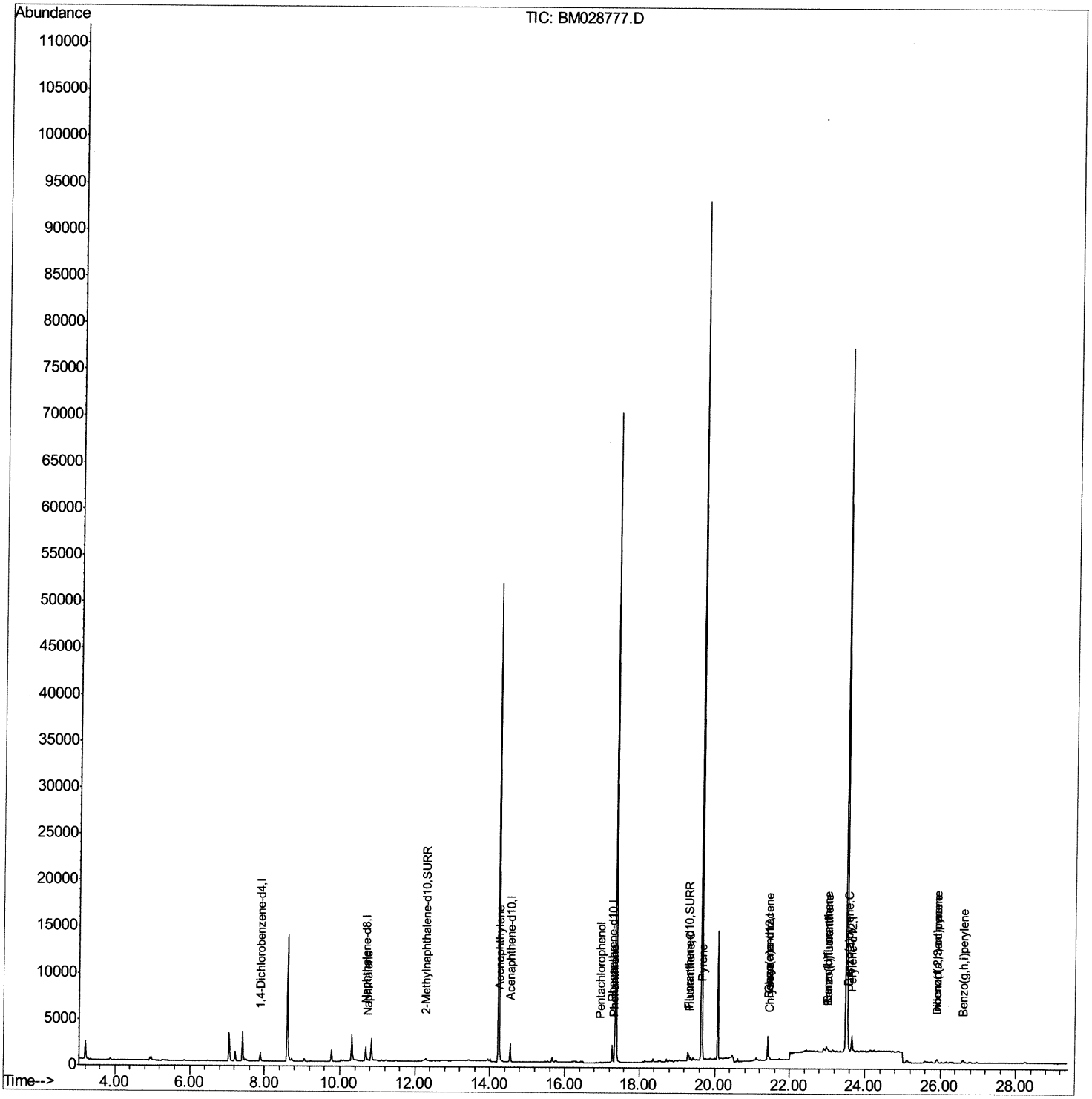
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 18 05:11:49 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 : Thu Feb 18 04:11:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGY6

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 18 04:23:32 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 : Thu Feb 18 04:11:41 2021
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ClientSampleId :
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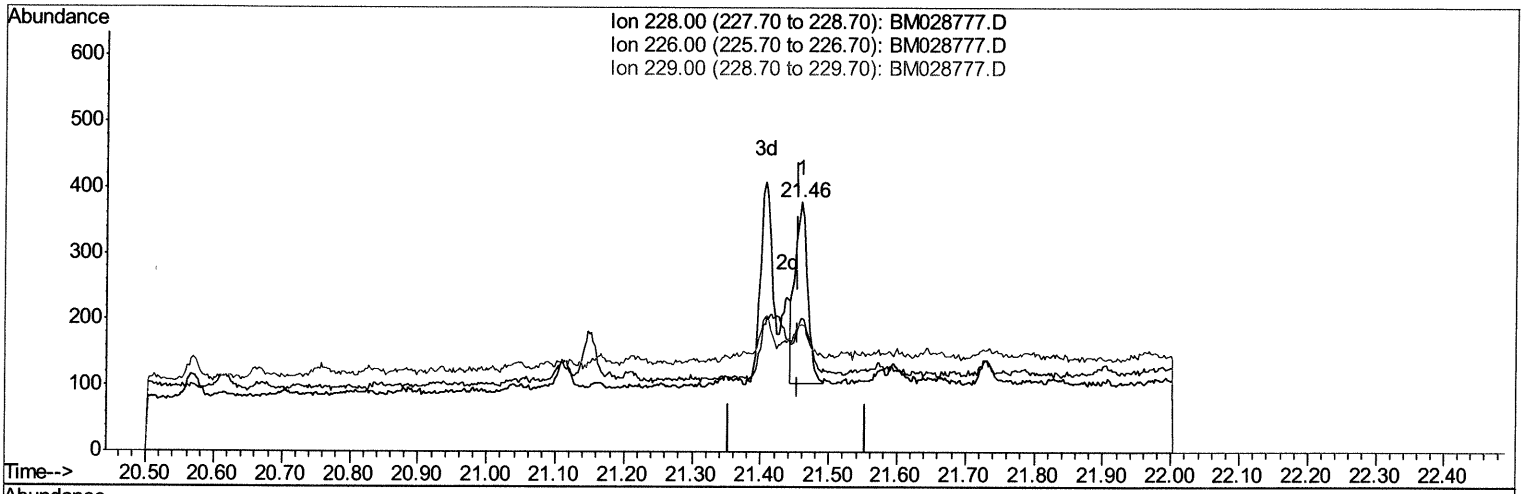
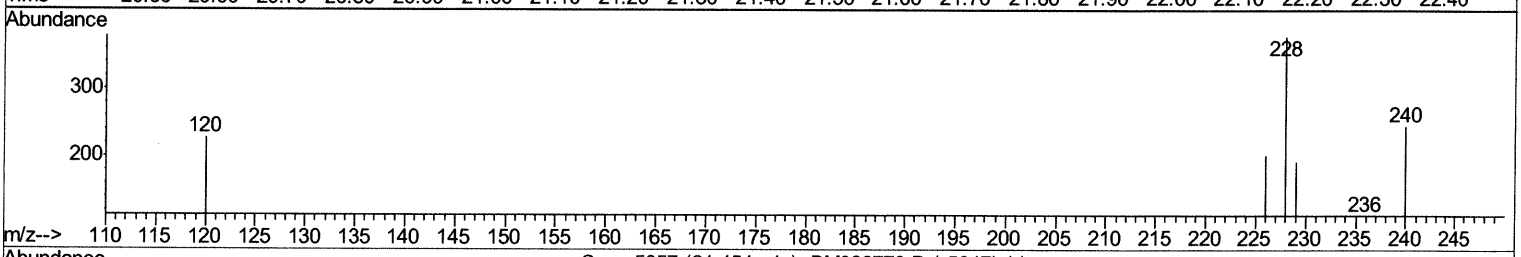
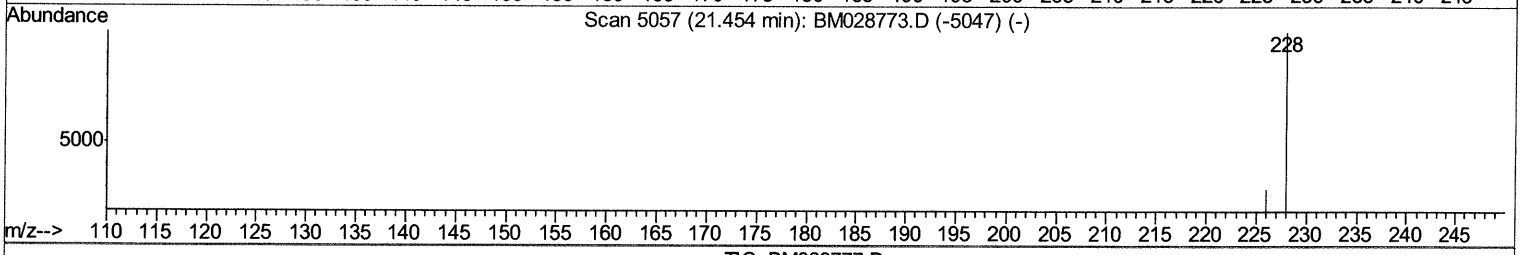
Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM







TIC: BM028777.D

(19) Chrysene

21.459min (+0.005) 0.05ng/ul

response 351

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	53.30#
229.00	23.50	51.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
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ALS Vial : 14 Sample Multiplier: 1

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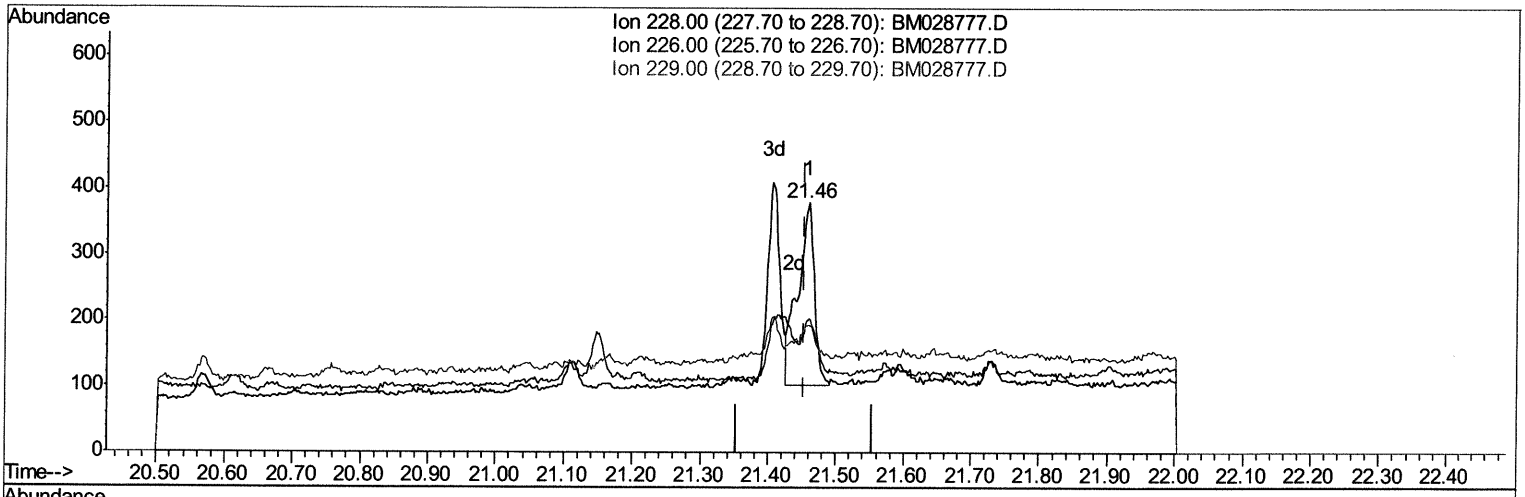
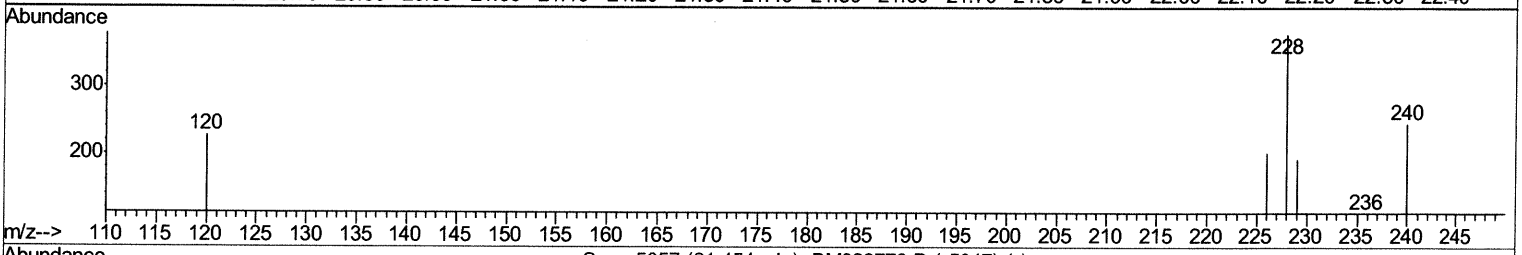
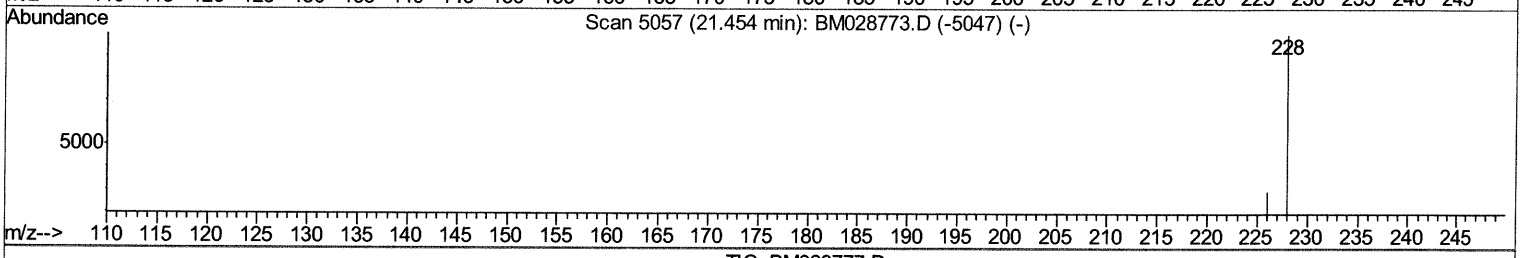
Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM







TIC: BM028777.D

(19) Chrysene

21.459min (+0.005) 0.07ng/ul m 02/22/21 JU

response 477

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	53.30#
229.00	23.50	51.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 18 04:29:20 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 : Thu Feb 18 04:11:41 2021
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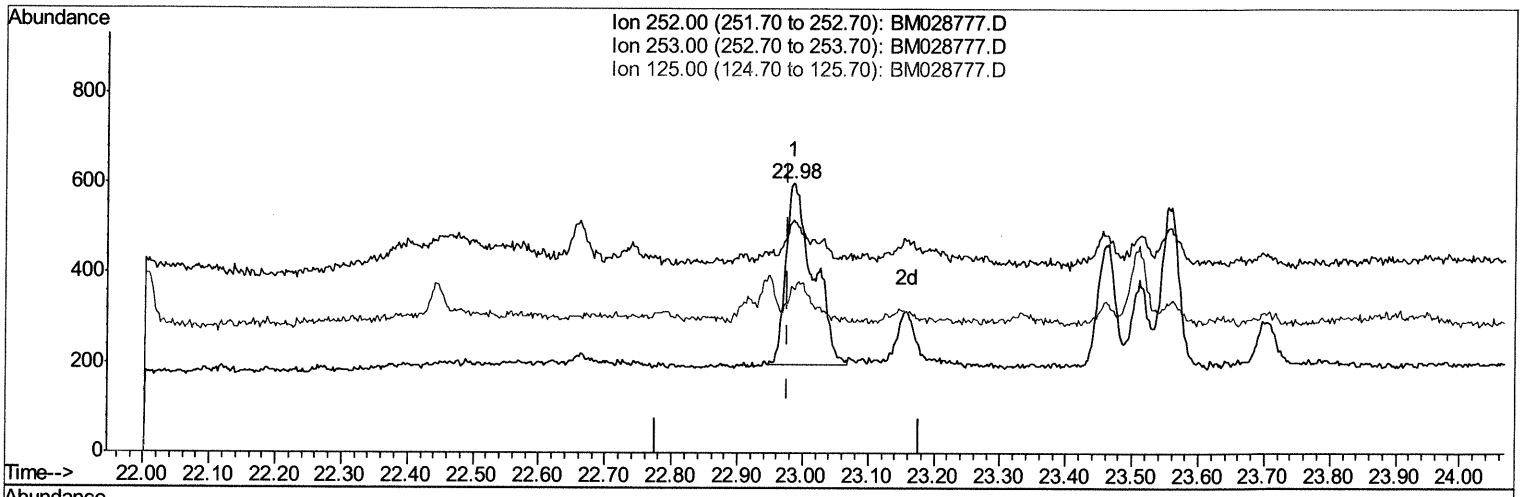
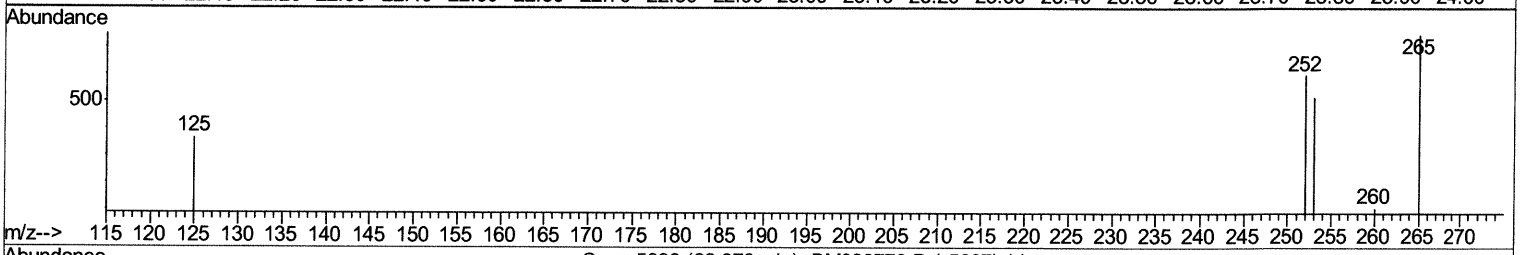
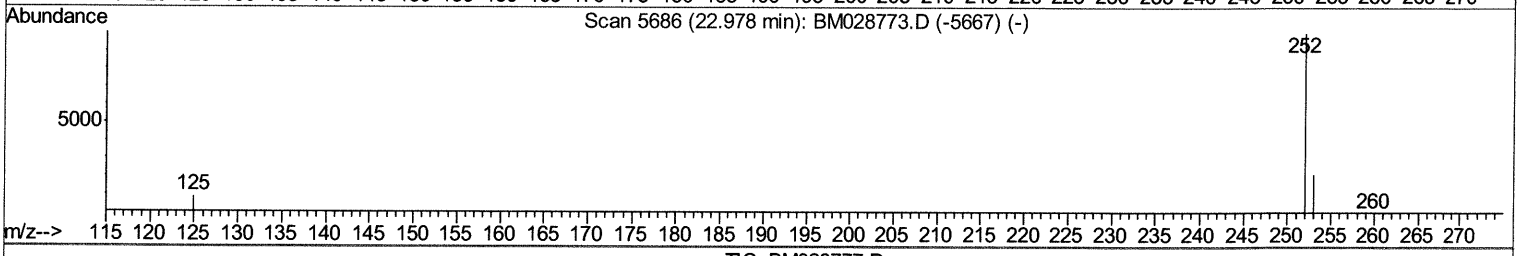
Instrument :
BNA_M
ClientSampleId :
DBGY6

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM







TIC: BM028777.D

(21) Benzo(b)fluoranthene

22.985min (+0.007) 0.16ng/ul

response 1183

Ion	Exp%	Act%
252.00	100	100
253.00	33.50	86.17#
125.00	28.70	61.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 18 04:29:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
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QLast Update : Thu Feb 18 04:11:41 2021
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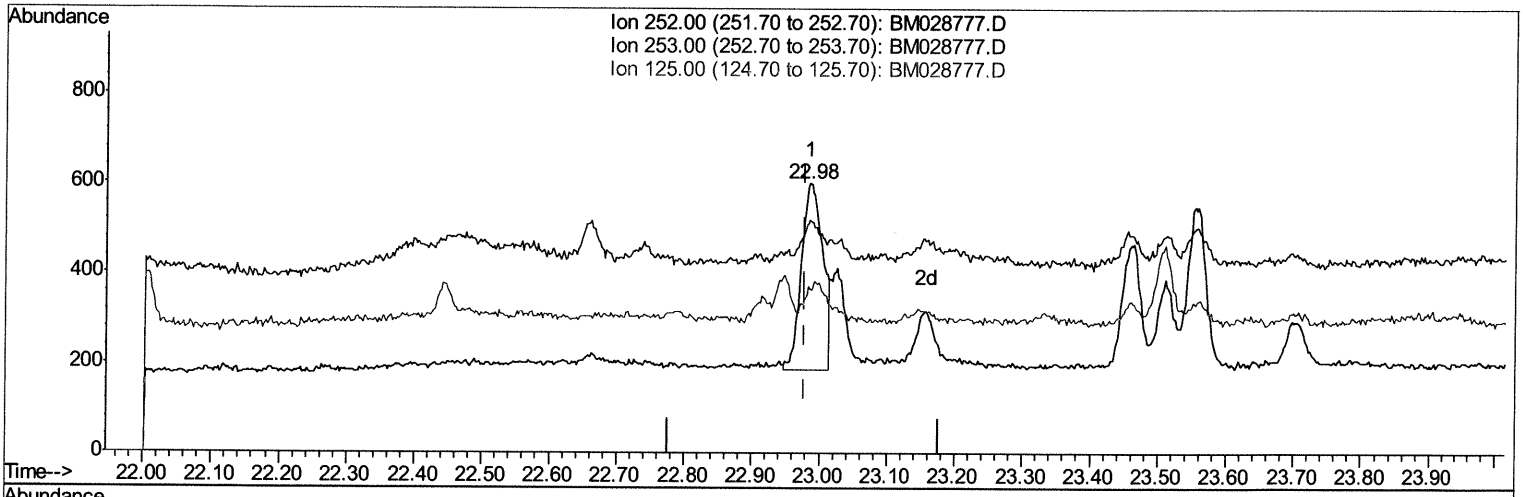
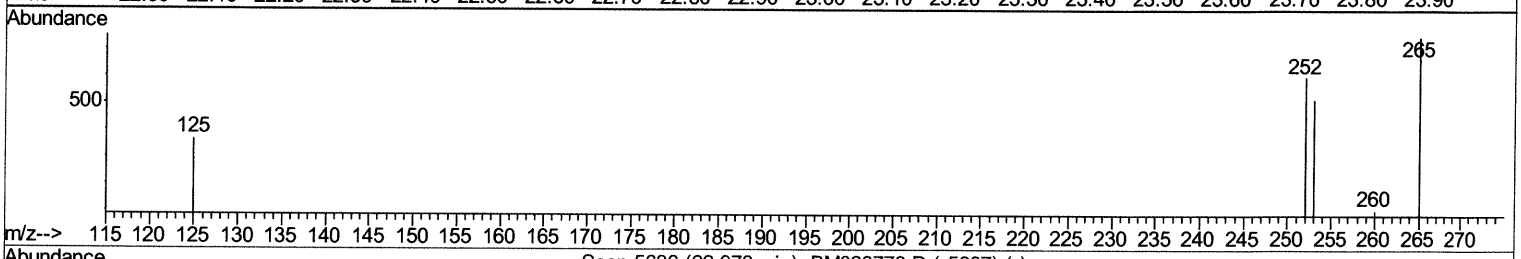
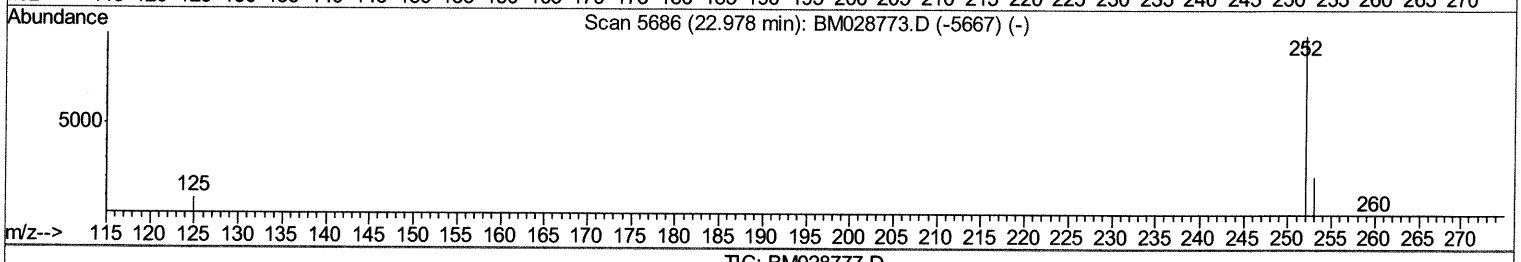
Instrument :
BNA_M
ClientSampleId :
DBGY6

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM







TIC: BM028777.D

(21) Benzo(b)fluoranthene

22.985min (+0.007) 0.12ng/ul m 02/22/21 JU

response 918

Ion	Exp%	Act%
252.00	100	100
253.00	33.50	86.17#
125.00	28.70	61.00#
0.00	0.00	0.00

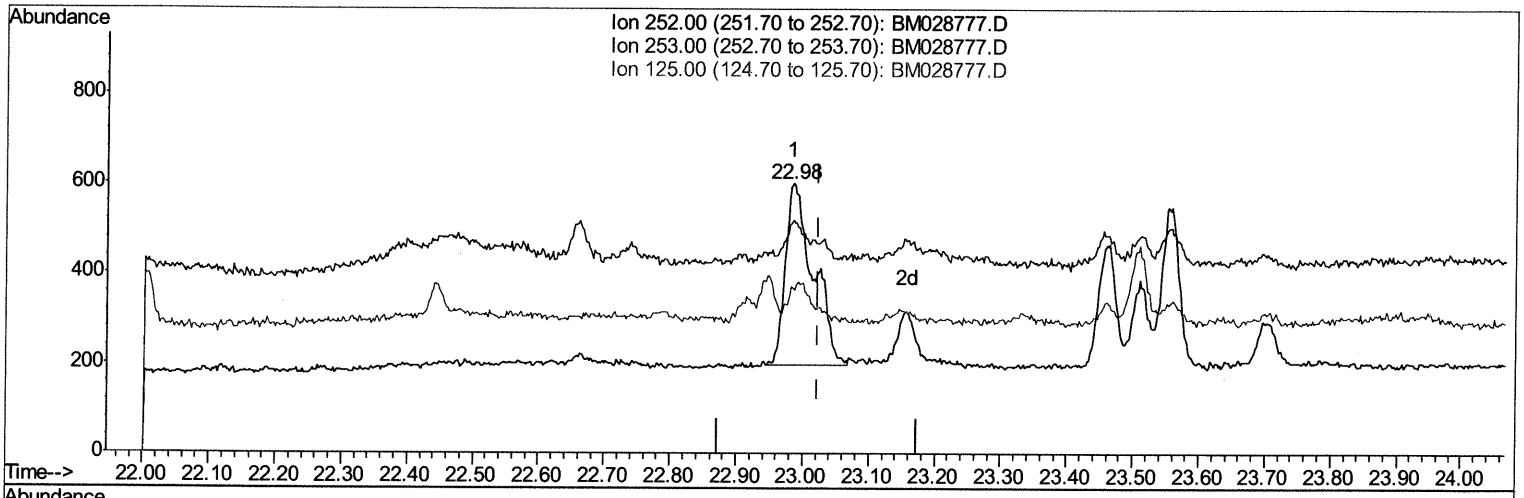
Quantitation Report (Qedit)

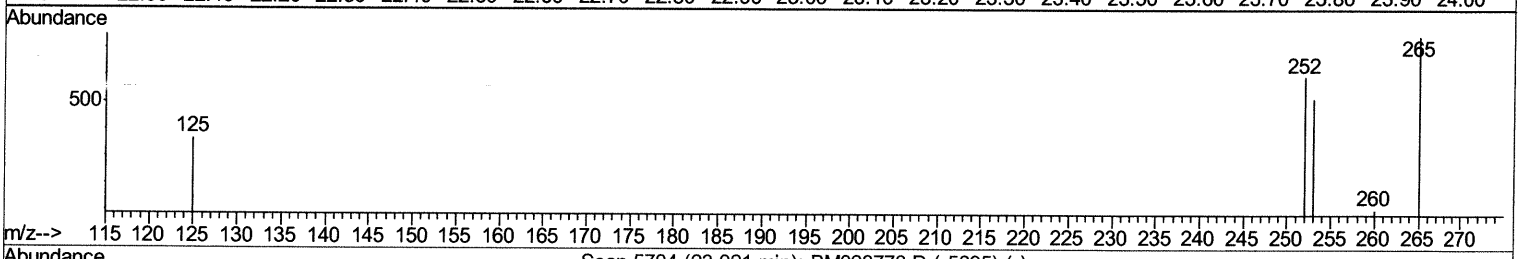
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

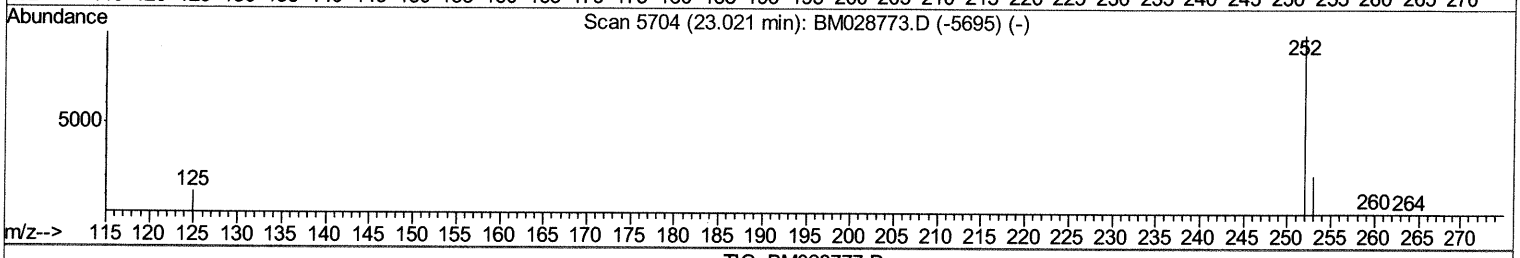
Quant Time: Feb 18 04:29:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 04:11:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGY6

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM







TIC: BM028777.D

(22) Benzo(k)fluoranthene

22.985min (-0.039) 0.16ng/ul

response 1183

Ion	Exp%	Act%
252.00	100	100
253.00	32.90	86.17#
125.00	28.60	61.00#
0.00	0.00	0.00

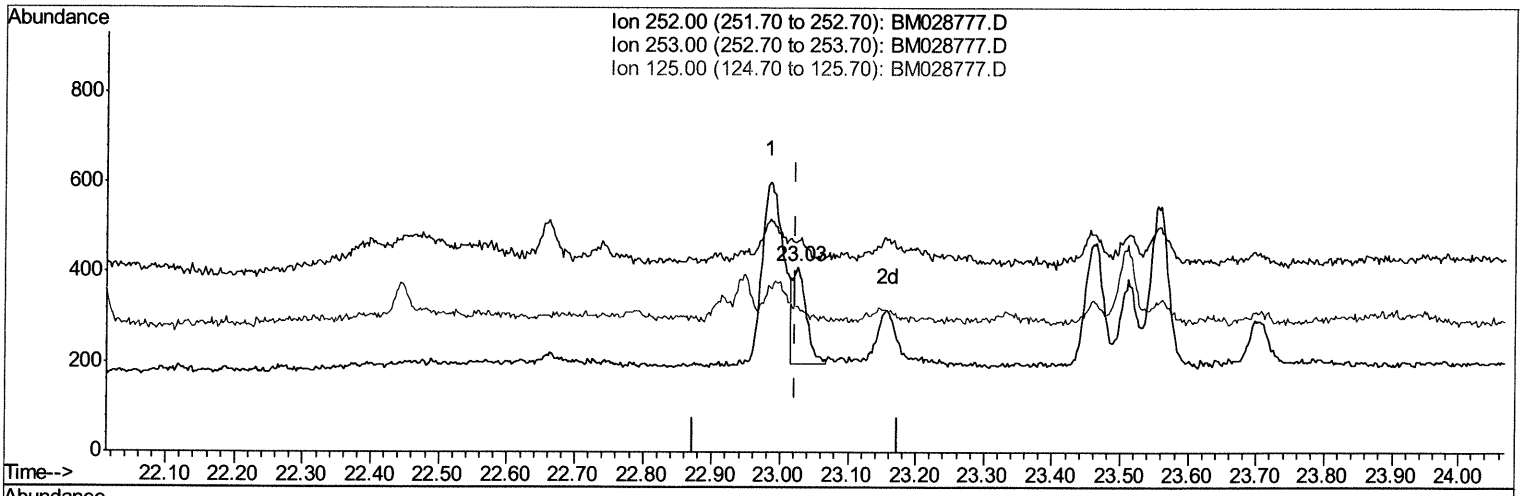
Quantitation Report (Qedit)

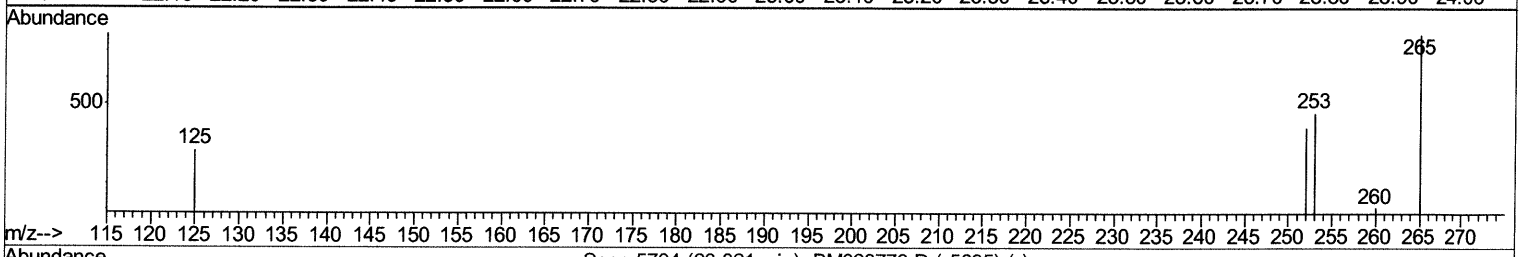
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

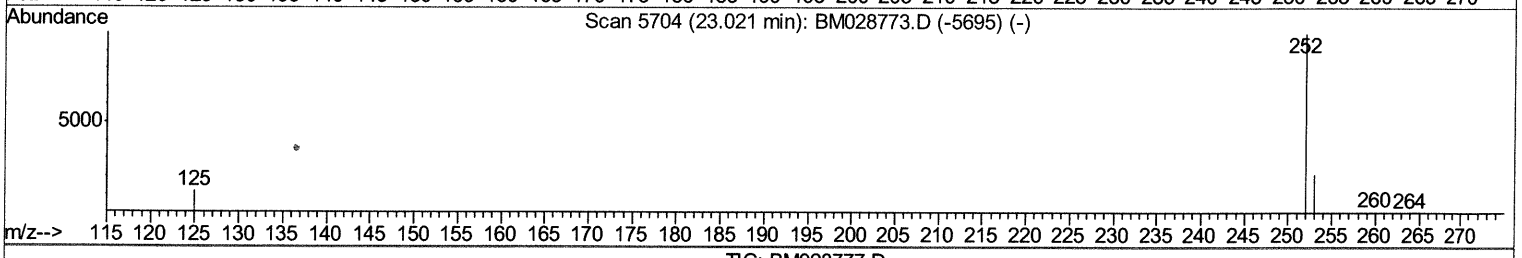
Quant Time: Feb 18 04:29:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 04:11:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGY6

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM







TIC: BM028777.D

(22) Benzo(k)fluoranthene

23.026min (+0.003) 0.04ng/ul m 02/22/21 JU

response 306

Ion	Exp%	Act%
252.00	100	100
253.00	32.90	113.56#
125.00	28.60	78.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
Operator : CG/JU
Sample : M1379-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 18 04:30:50 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 : Thu Feb 18 04:11:41 2021
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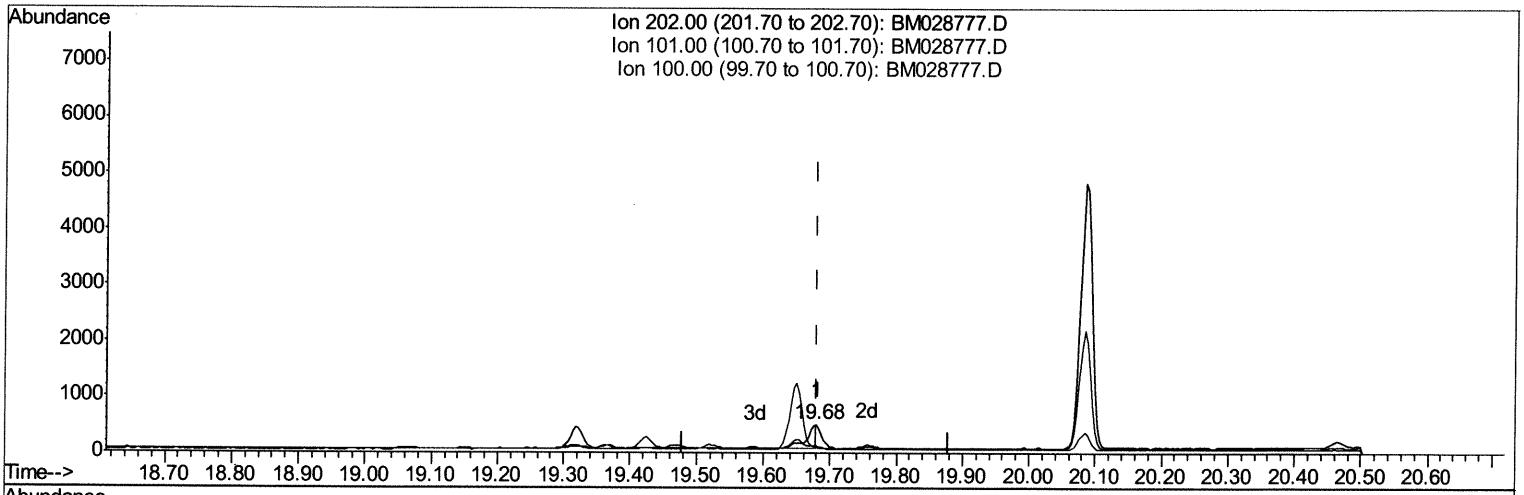
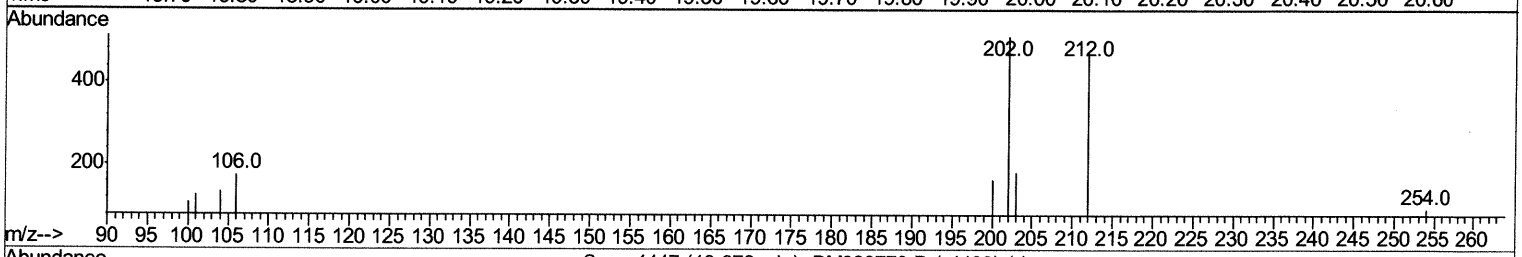
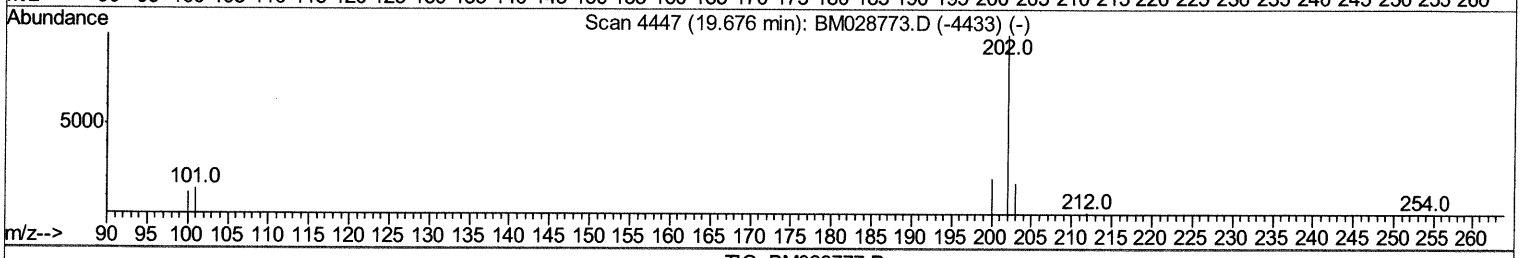
Instrument :
BNA_M
ClientSampleId :
DBGY6

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM







TIC: BM028777.D

(17) Pyrene

19.680min (+0.000) 0.09ng/ul

response 693

Ion	Exp%	Act%
202.00	100	100
101.00	15.90	24.51#
100.00	12.80	21.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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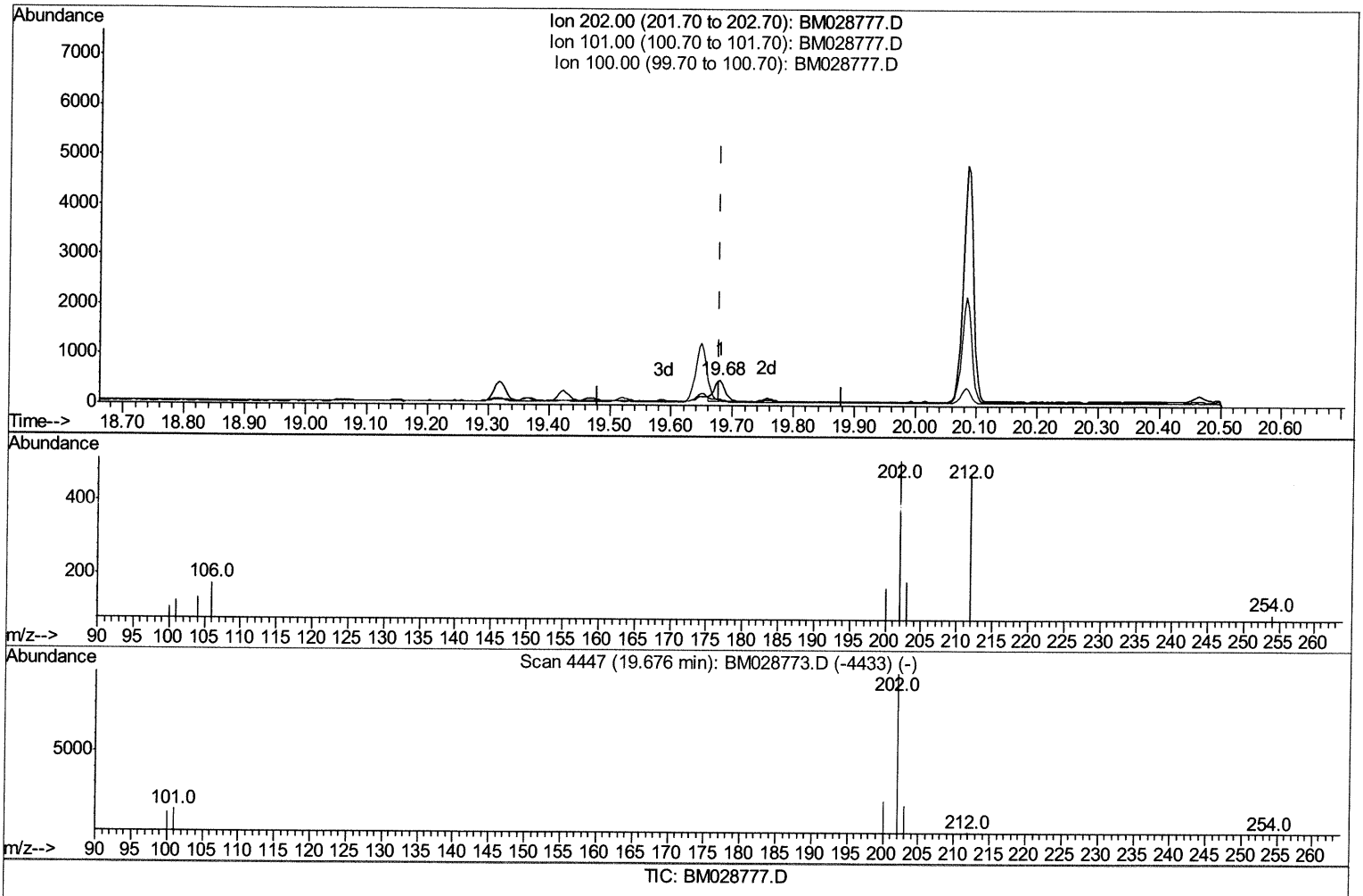
Manual Integrations APPROVED
mohammad
2/18/2021 1:39:08 PM



TIC: BM028777.D

(17) Pyrene

19.680min (+0.000) 0.07ng/ul m 02/22/21 JU

response 546

Ion	Exp%	Act%
202.00	100	100
101.00	15.90	24.51#
100.00	12.80	21.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021721\
Data File : BM028777.D
Acq On : 17 Feb 2021 18:15
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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mohammad
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Quant Time: Feb 18 05:11:49 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	501	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2065	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1116	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2191	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	2114	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	2180	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	394	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1045	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	130	0.025	ng/ul#	20
7) Acenaphthylene	14.26	152	127	0.028	ng/ul#	30
11) Pentachlorophenol	16.94	266	22	0.038	ng/ul#	87
12) Phenanthrene	17.32	178	224	0.037	ng/ul#	56
15) Fluoranthene	19.32	202	536	0.077	ng/ul	67
17) Pyrene	19.68	202	546m>	0.071	ng/ul>	02/22/21 JU
18) Benzo(a)anthracene	21.41	228	384	0.053	ng/ul#	56
19) Chrysene	21.46	228	477m	0.066	ng/ul	
21) Benzo(b)fluoranthene	22.98	252	918m	0.123	ng/ul	02/22/21 JU
22) Benzo(k)fluoranthene	23.03	252	306m	0.041	ng/ul	
23) Benzo(a)pyrene	23.55	252	626	0.094	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	25.91	276	573	0.066	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.91	278	161	0.022	ng/ul#	1
26) Benzo(g,h,i)perylene	26.60	276	554	0.077	ng/ul#	56

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