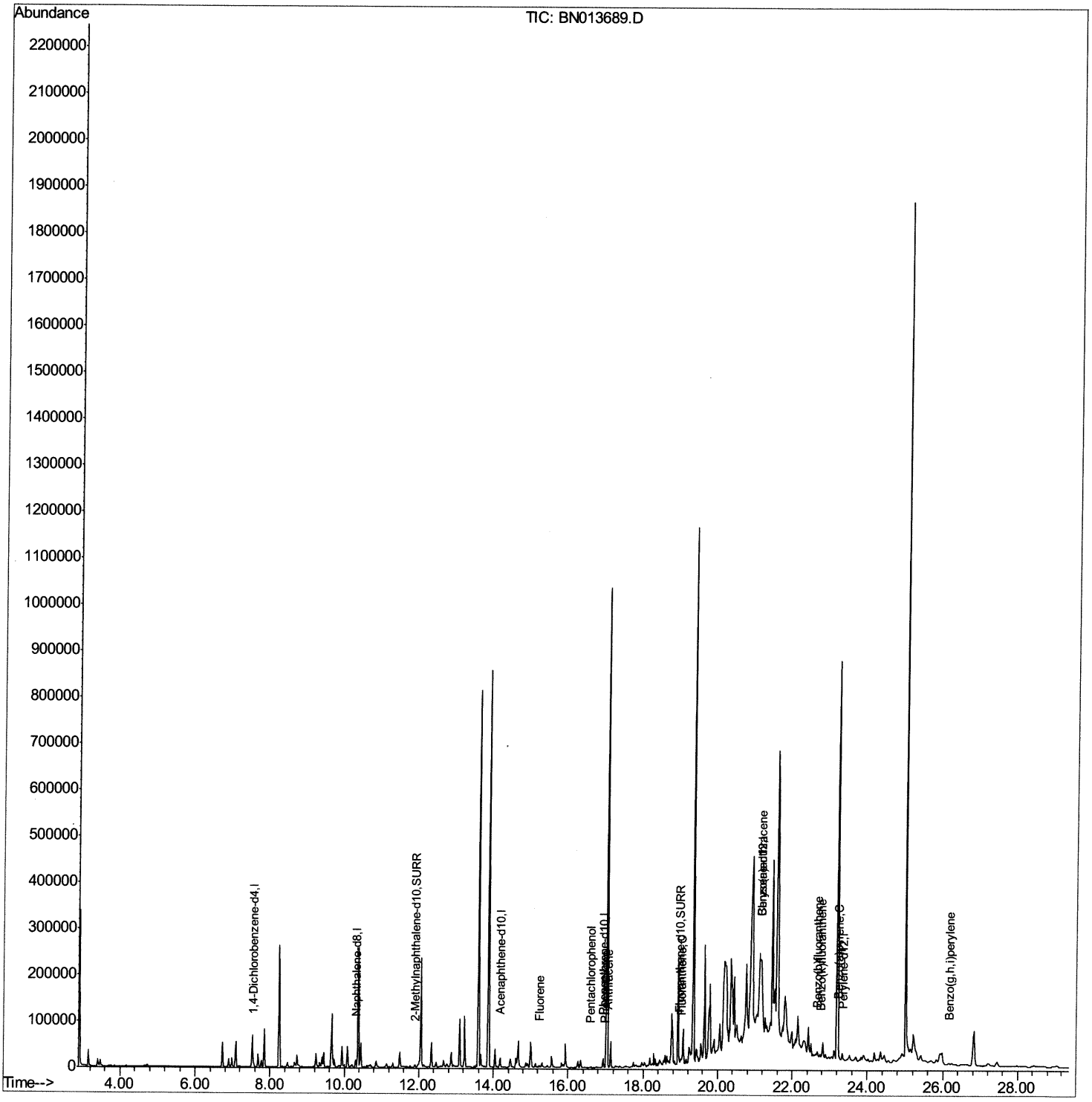
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022021\
Data File : BN013689.D
Acq On : 20 Feb 2021 13:33
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 22 02:58:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 02:30:08 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:10:59 PM



Quantitation Report (Qedit)

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Acq On : 20 Feb 2021 13:33
Operator : CG/JU
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Misc :
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Quant Time: Feb 22 02:39:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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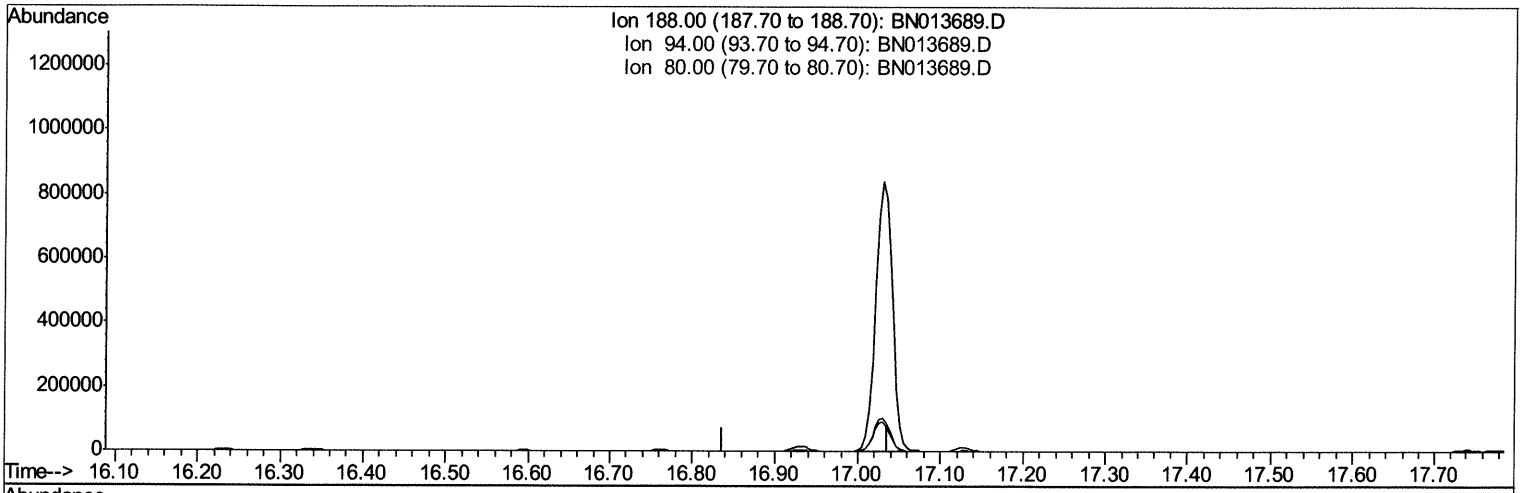

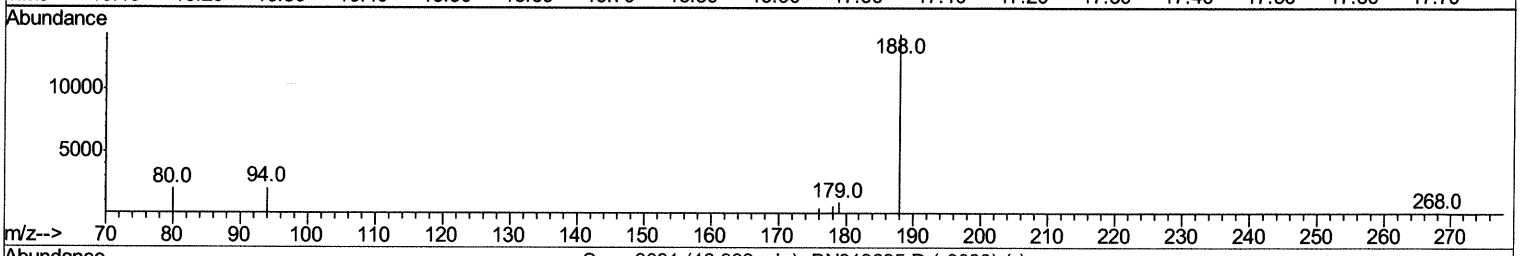

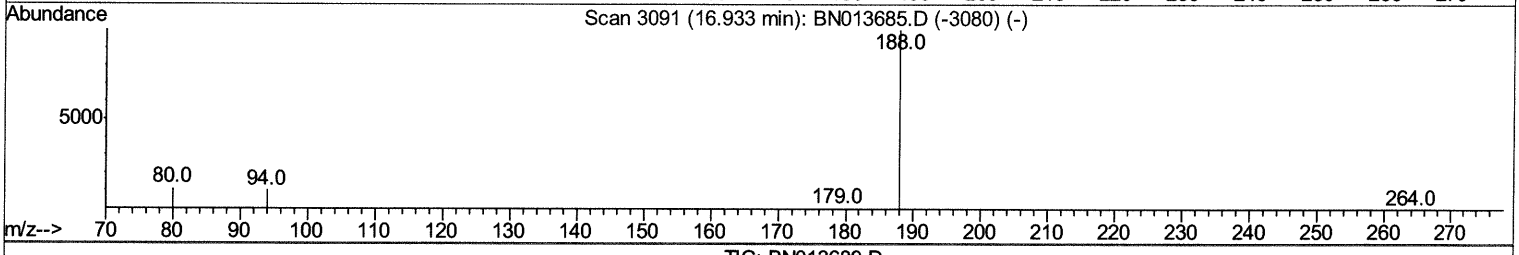

TIC: BN013689.D

(10) Phenanthrene-d10 (I)

16.937min (-16.937) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.60	0.00#
80.00	11.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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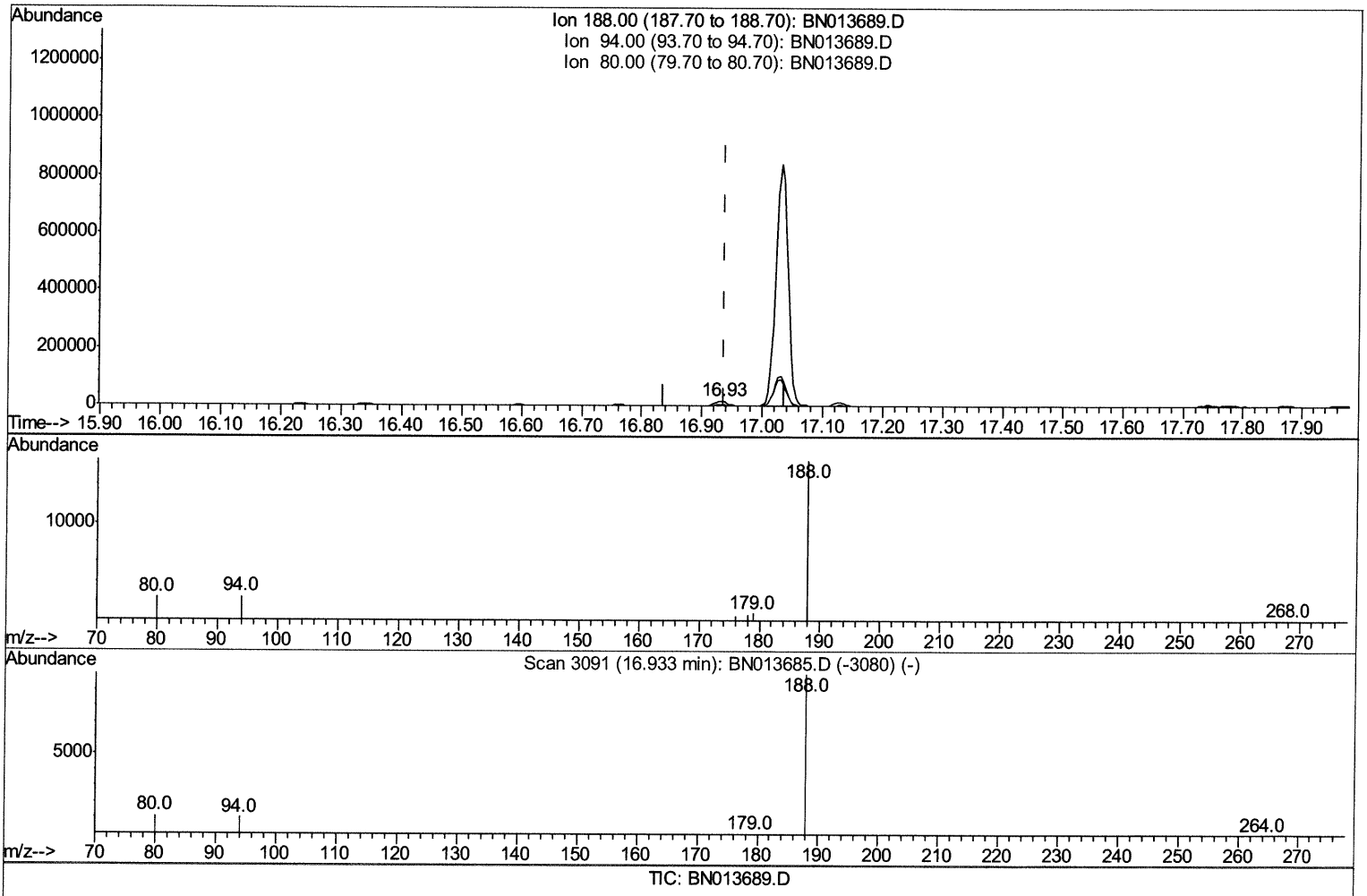

(10) Phenanthrene-d10 (I)

16.933min (-0.004) 0.40ng/ul m 02/22/2134

response 21732

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	14.88#
80.00	11.30	14.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022021\
Data File : BN013689.D
Acq On : 20 Feb 2021 13:33
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 22 02:40:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 02:30:08 2021
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BNA_N
ClientSampleId :
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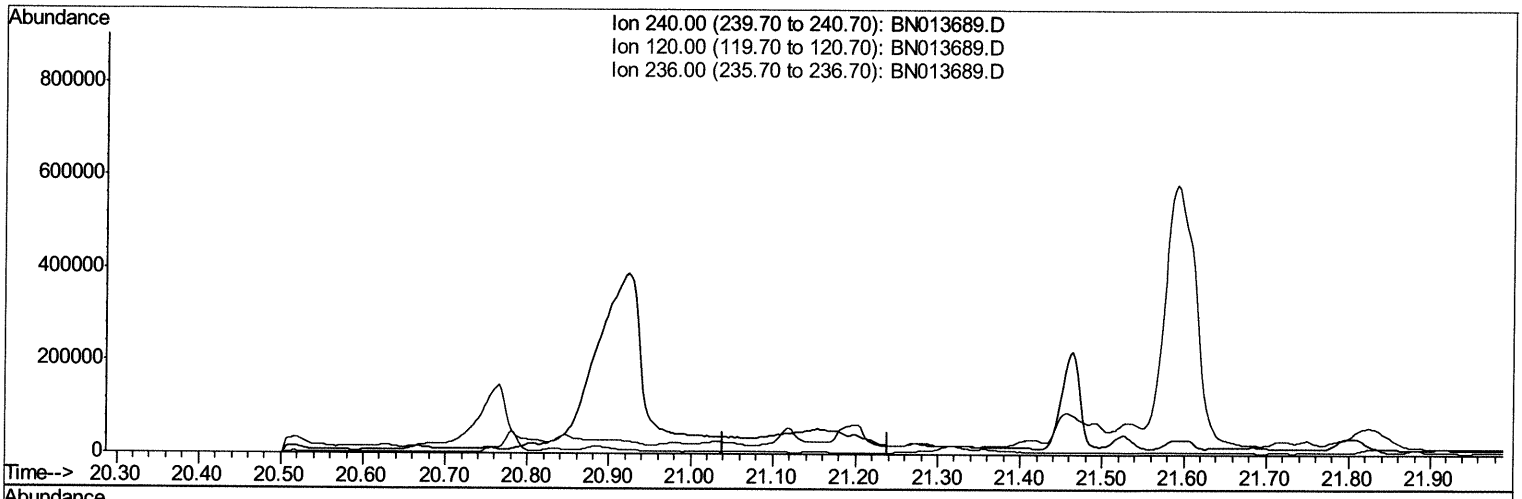
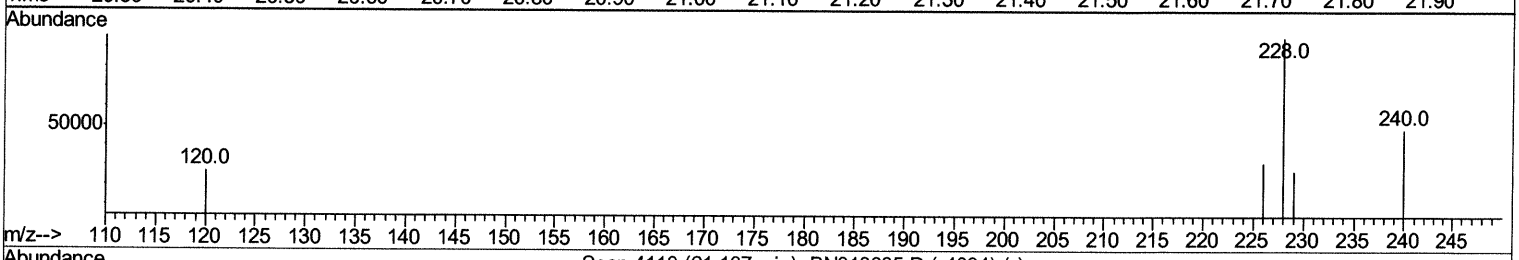
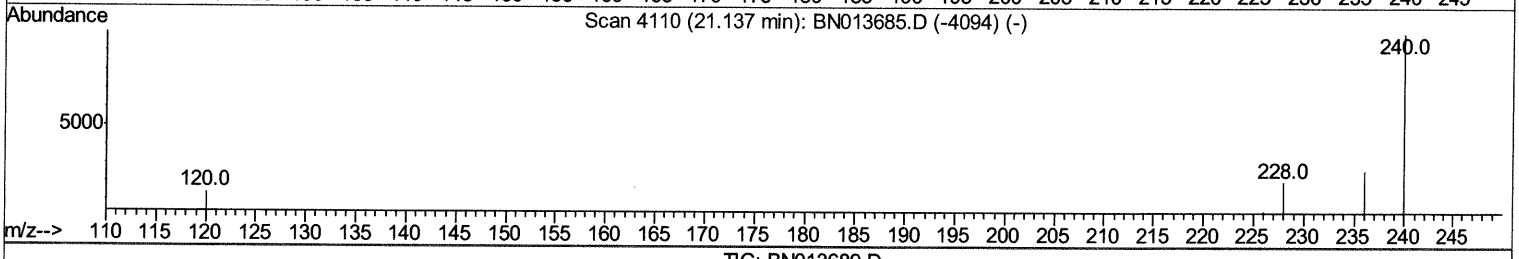
Manual Integrations APPROVED
mohammad
2/22/2021 2:10:59 PM







TIC: BN013689.D

(16) Chrysene-d12 (I)

21.140min (-21.140) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.00	0.00#
236.00	27.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022021\
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Acq On : 20 Feb 2021 13:33
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 22 02:40:44 2021
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Instrument :
BNA_N
ClientSampleId :
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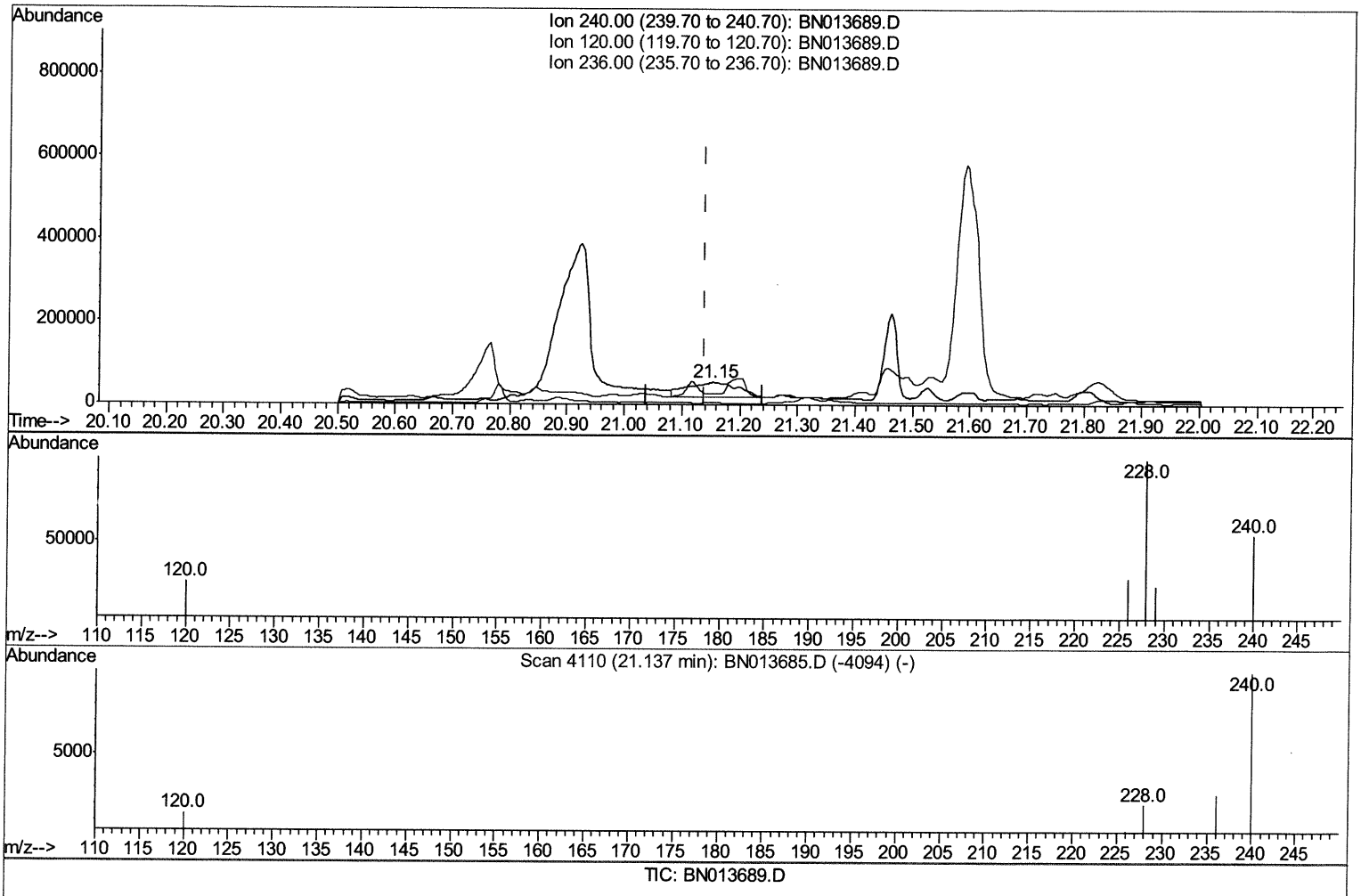
Manual Integrations APPROVED
mohammad
2/22/2021 2:10:59 PM



(16) Chrysene-d12 (I)

21.154min (+0.015) 0.40ng/ul m 02/22/21 JU

response 222444

Ion	Exp%	Act%
240.00	100	100
120.00	16.00	48.15#
236.00	27.20	10.18#
0.00	0.00	0.00

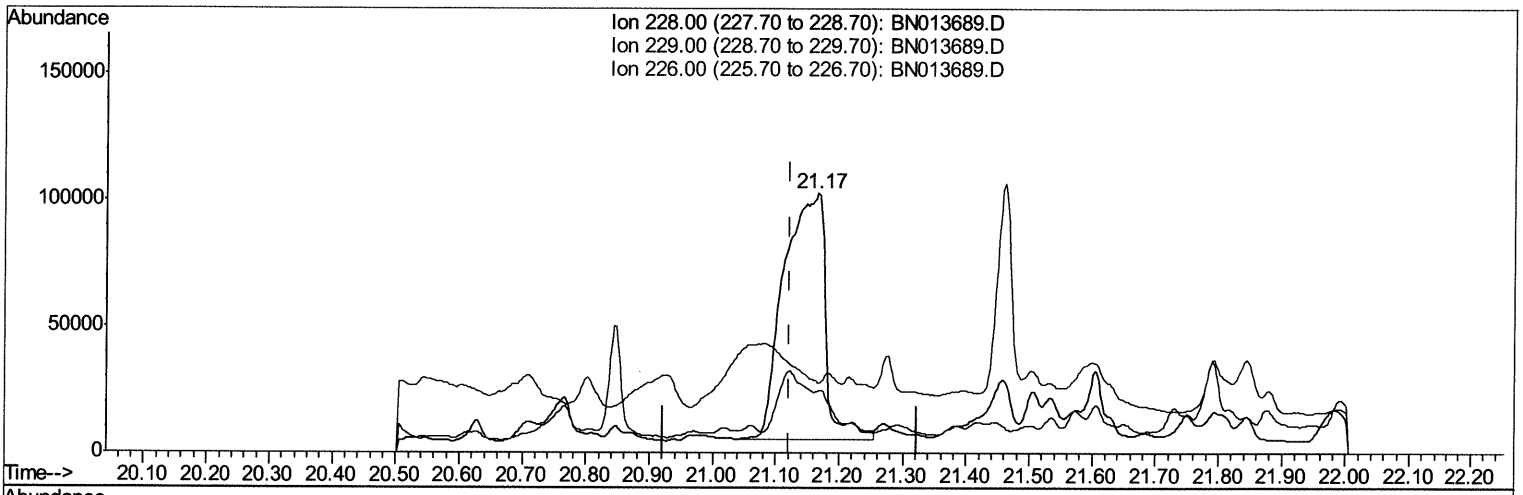
Quantitation Report (Qedit)

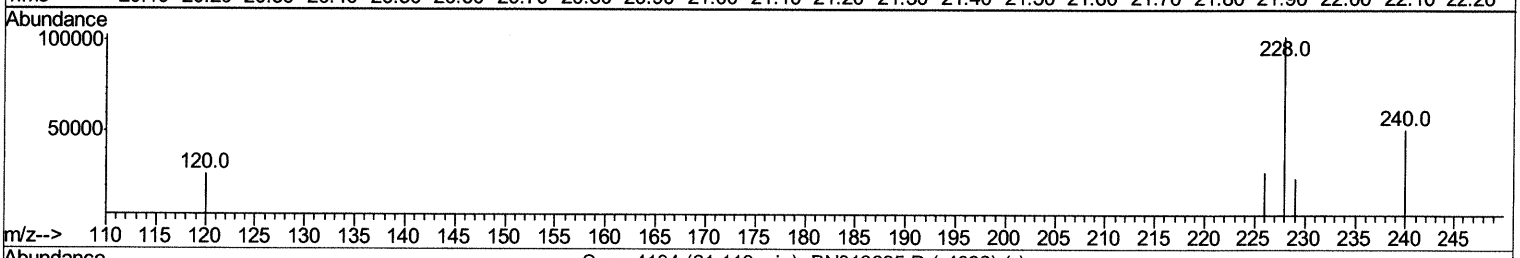
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022021\
Data File : BN013689.D
Acq On : 20 Feb 2021 13:33
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

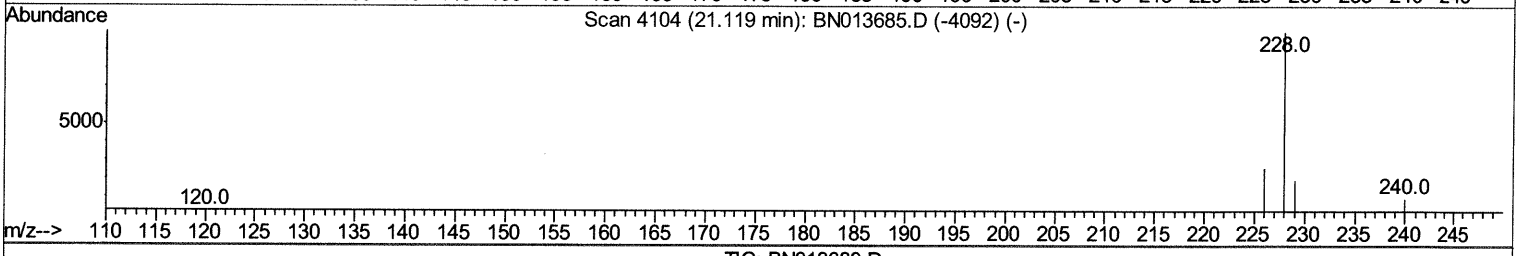
Quant Time: Feb 22 02:43:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 02:30:08 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:10:59 PM







TIC: BN013689.D

(18) Benzo(a)anthracene

21.166min (+0.044) 0.62ng/ul

response 446446

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	23.74#
226.00	27.00	27.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022021\
Data File : BN013689.D
Acq On : 20 Feb 2021 13:33
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 22 02:43:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
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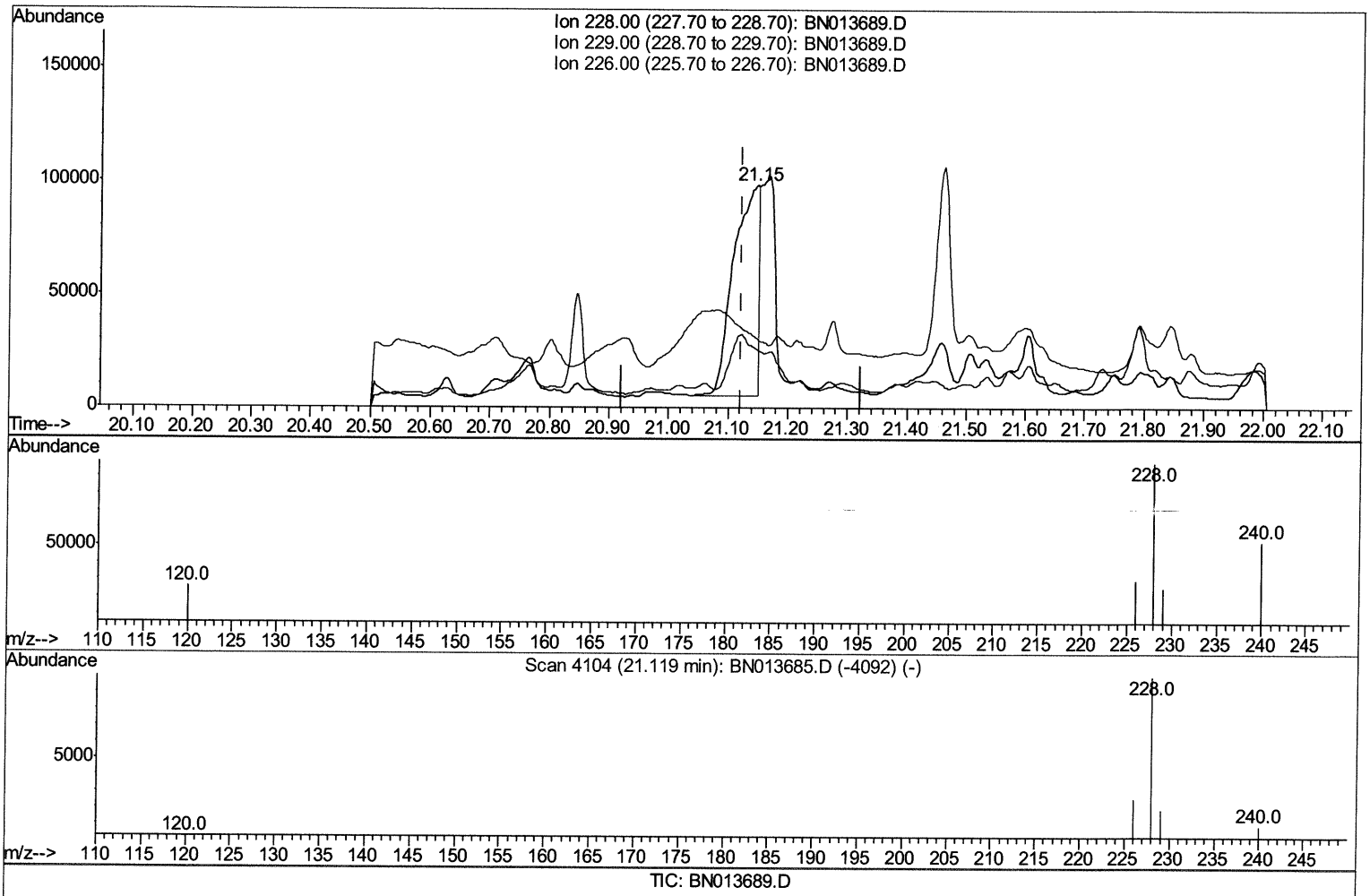
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
2/22/2021 2:10:59 PM



(18) Benzo(a)anthracene

21.148min (+0.026) 0.38ng/ul m 02/22/21 JU

response 277003

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	26.31#
226.00	27.00	30.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022021\
Data File : BN013689.D
Acq On : 20 Feb 2021 13:33
Operator : CG/JU
Sample : M1412-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 22 02:57:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
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Instrument :
BNA_N
ClientSampleId :
DBGZ9

Manual Integrations APPROVED
mohammad
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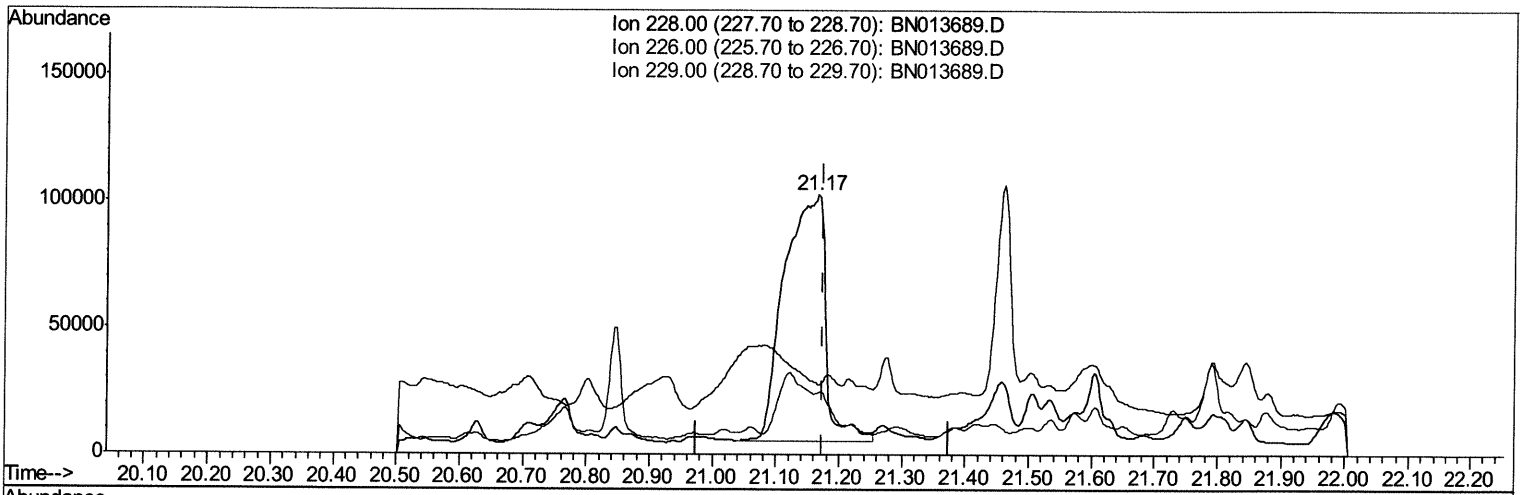

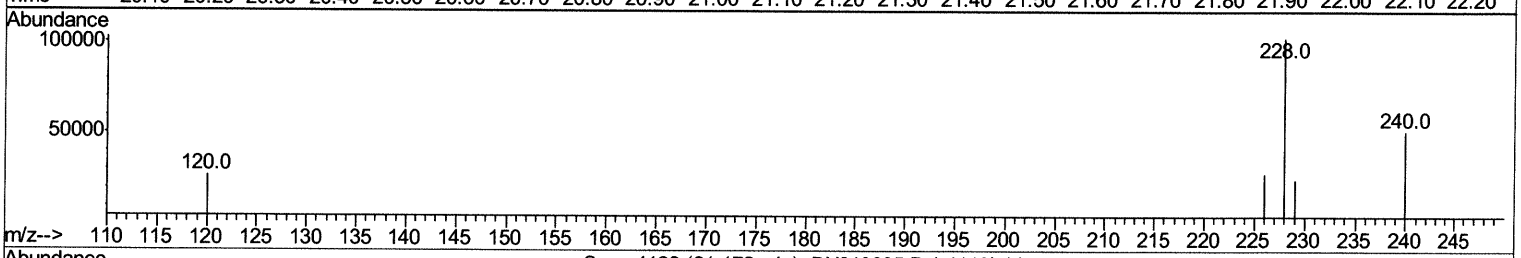

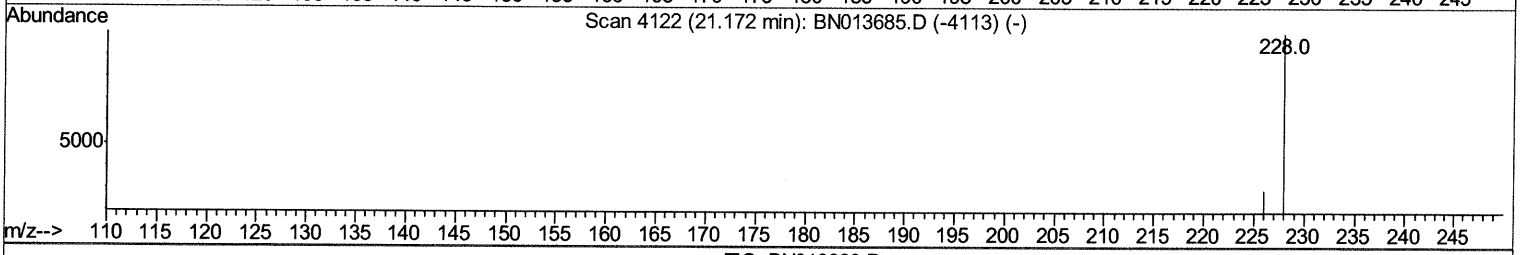

TIC: BN013689.D

(19) Chrysene

21.166min (-0.009) 0.57ng/ul

response 446540

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	27.08
229.00	19.60	23.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022021\
Data File : BN013689.D
Acq On : 20 Feb 2021 13:33
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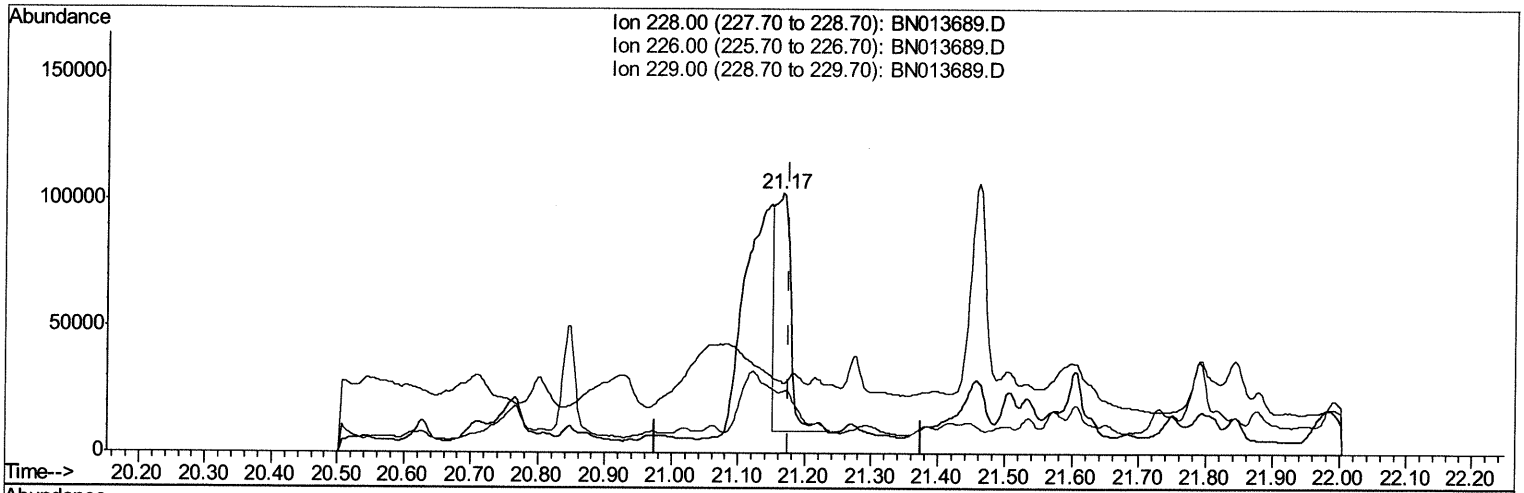
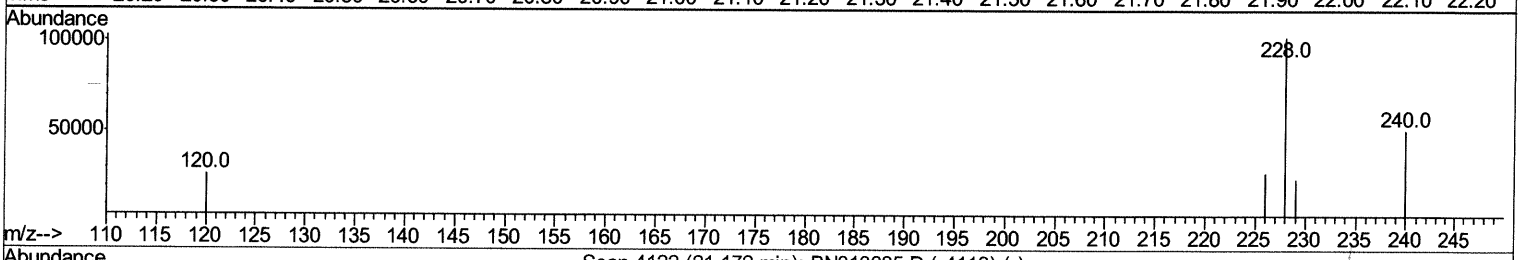
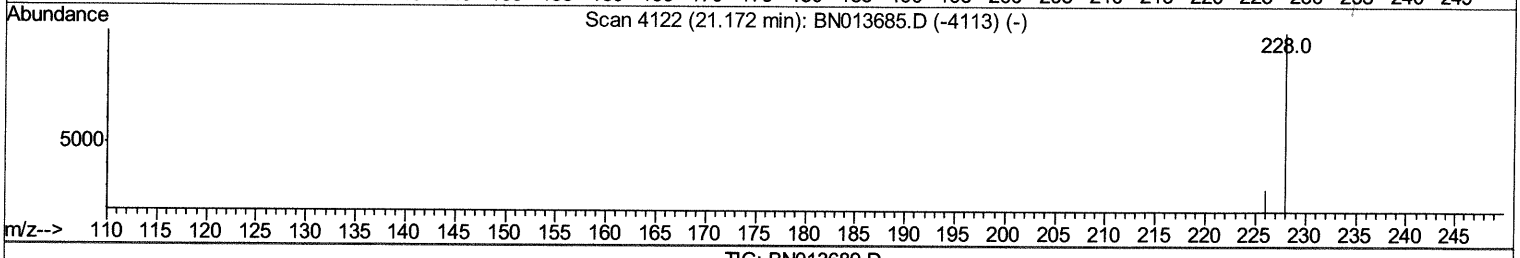
mohammad
2/22/2021 2:10:59 PM







TIC: BN013689.D

(19) Chrysene

21.166min (-0.009) 0.19ng/ul m 02/22/21JU

response 150746

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	27.08
229.00	19.60	23.74#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN013689.D
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ALS Vial : 6 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	4980	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	18736	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	12988	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	21732m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	222444m	0.40	ng/ul	0.01
20) Perylene-d12	23.34	264	17353	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	7643	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	13200	0.25	ng/ul	0.00
Target Compounds						Qvalue
9) Fluorene	15.23	166	1375	0.028	ng/ul#	91
11) Pentachlorophenol	16.59	266	112	0.042	ng/ul#	81
12) Phenanthrene	16.97	178	2493	0.039	ng/ul#	72
13) Anthracene	17.06	178	1194	0.022	ng/ul#	25
15) Fluoranthene	19.00	202	3385	0.049	ng/ul#	17
18) Benzo(a)anthracene	21.15	228	277003m	0.384	ng/ul	
19) Chrysene	21.17	228	150746m	0.192	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	4766	0.067	ng/ul#	1
22) Benzo(k)fluoranthene	22.75	252	2651	0.036	ng/ul#	1
23) Benzo(a)pyrene	23.24	252	4485	0.079	ng/ul#	1
26) Benzo(g,h,i)perylene	26.16	276	1547	0.023	ng/ul#	1

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