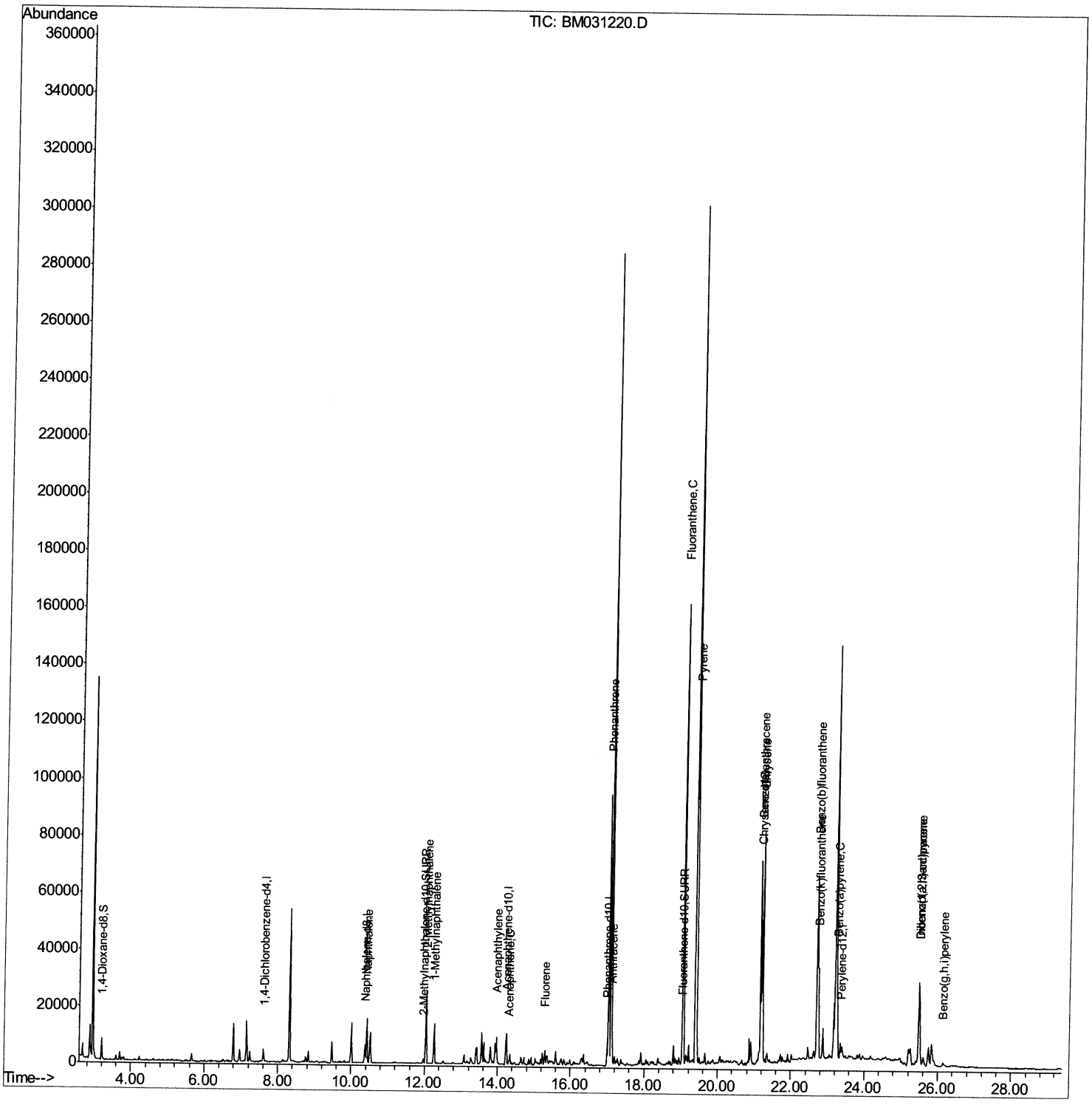
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031220.D
Acq On : 28 Jul 2021 20:23
Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 29 04:02:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0014

Manual Integrations APPROVED
mohammad
7/29/2021 1:44:55 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031220.D
Acq On : 28 Jul 2021 20:23
Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 29 03:21:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
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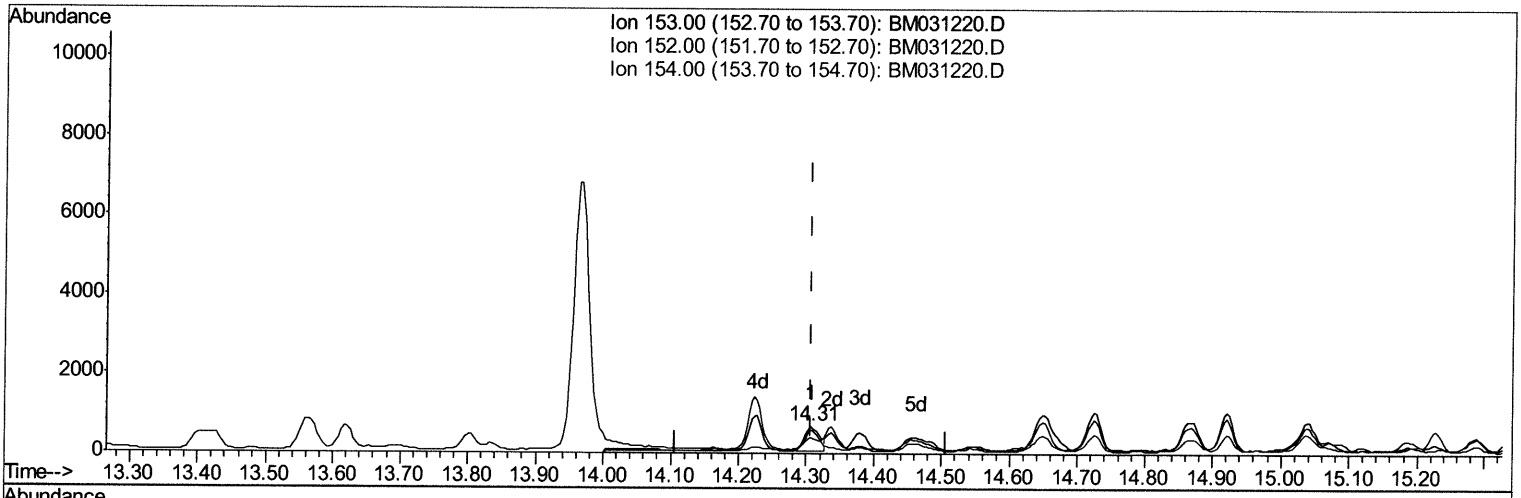

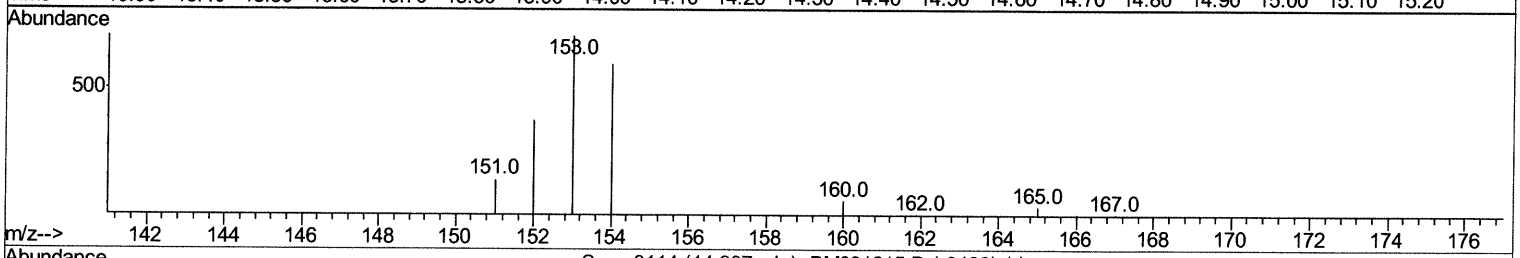

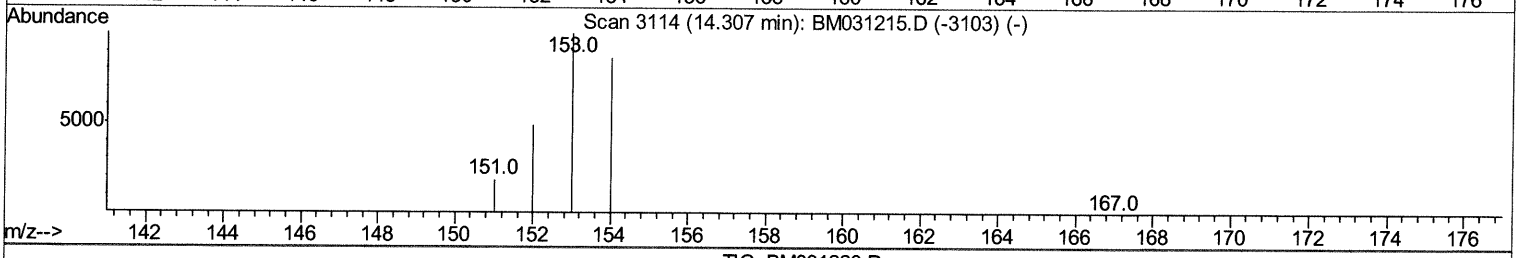

TIC: BM031220.D

(11) Acenaphthene (C)

14.307min (-0.000) 0.05ng/ul

response 941

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	57.04
154.00	87.70	85.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
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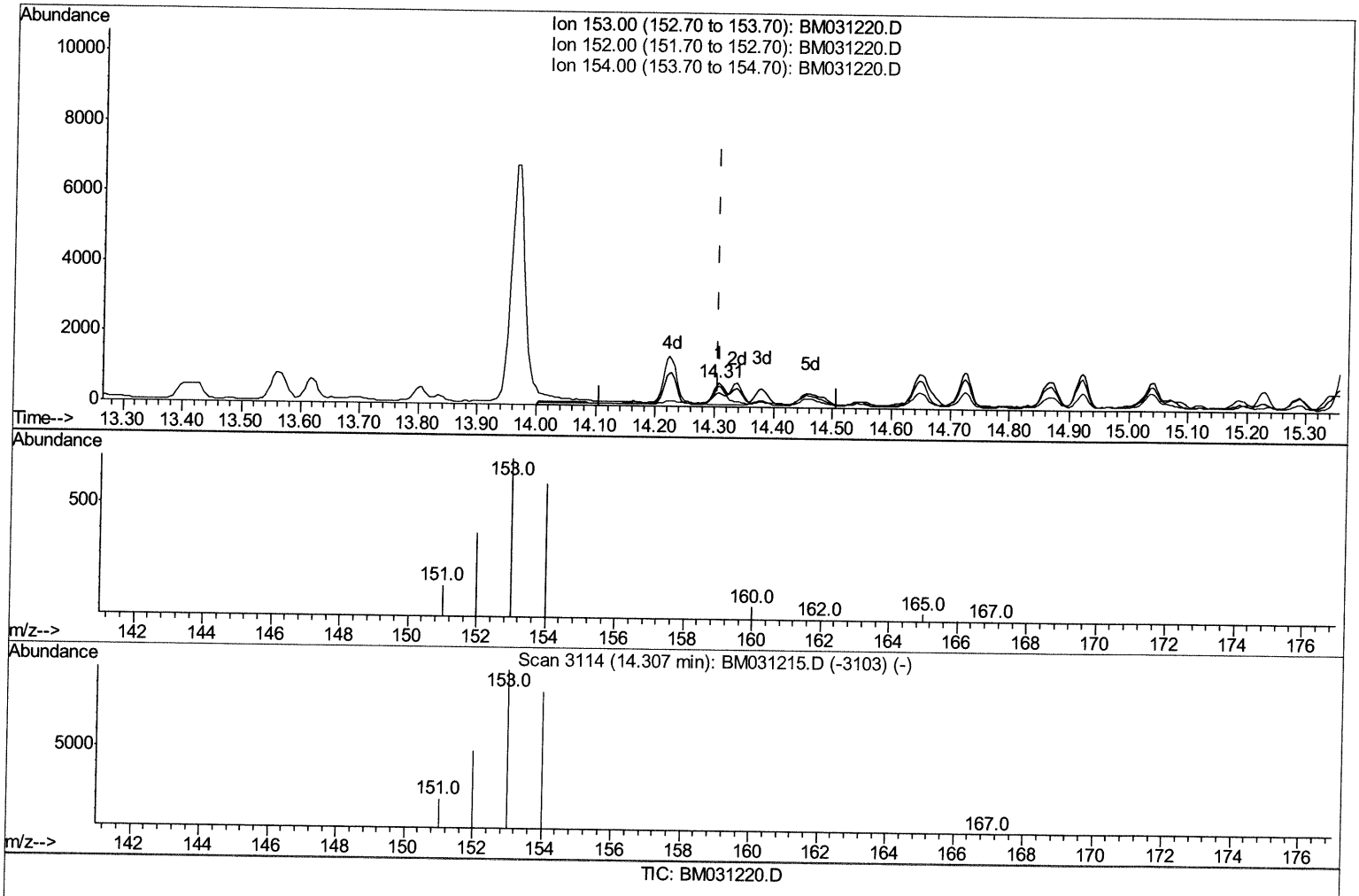

TIC: BM031220.D

(11) Acenaphthene (C)

14.307min (-0.000) 0.08ng/ul m 07/30/21 JU

response 1490

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	57.04
154.00	87.70	85.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031220.D
Acq On : 28 Jul 2021 20:23
Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 29 04:00:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
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ClientSampleId :
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Manual Integrations APPROVED
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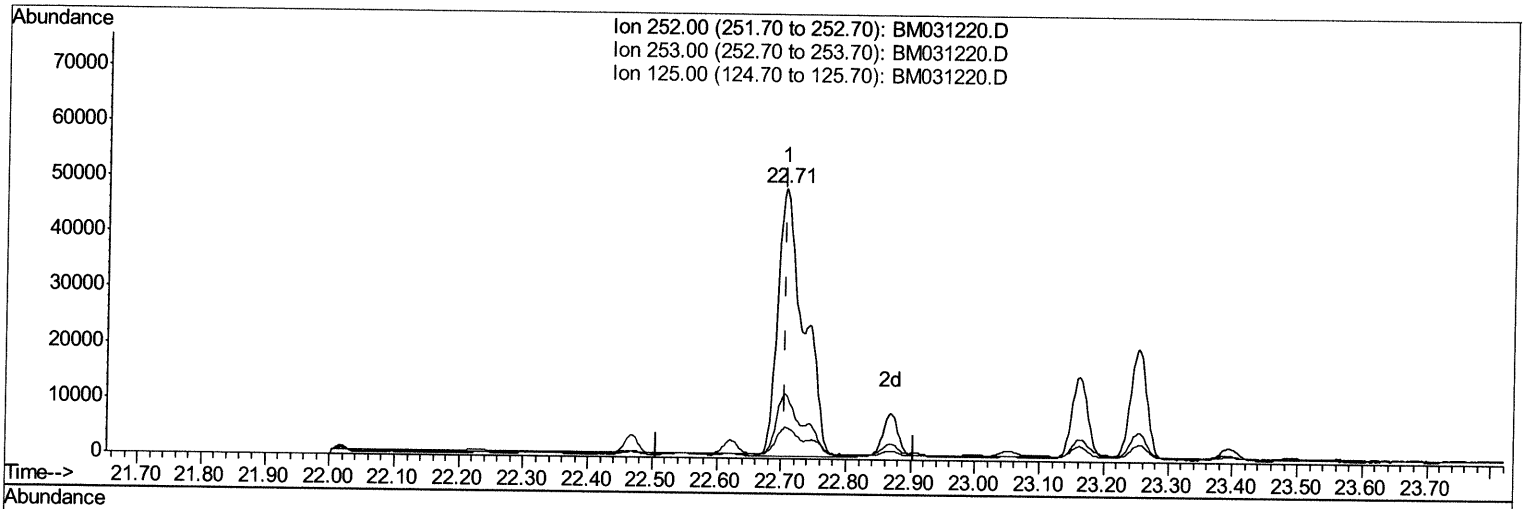
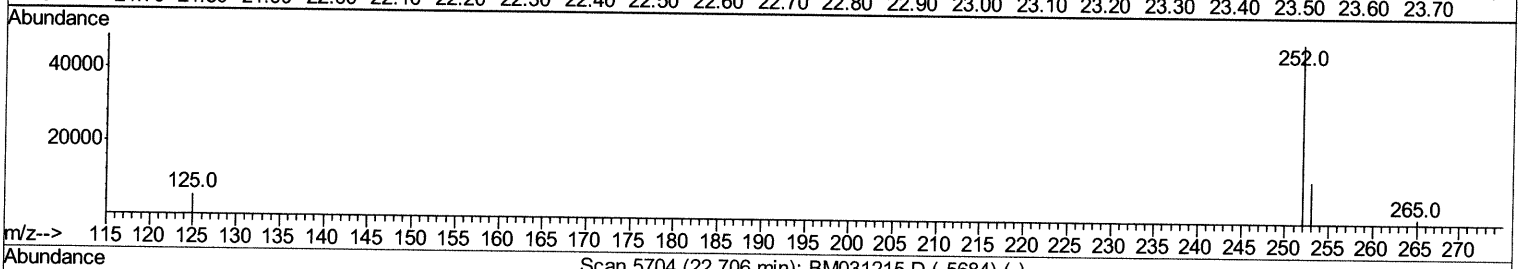
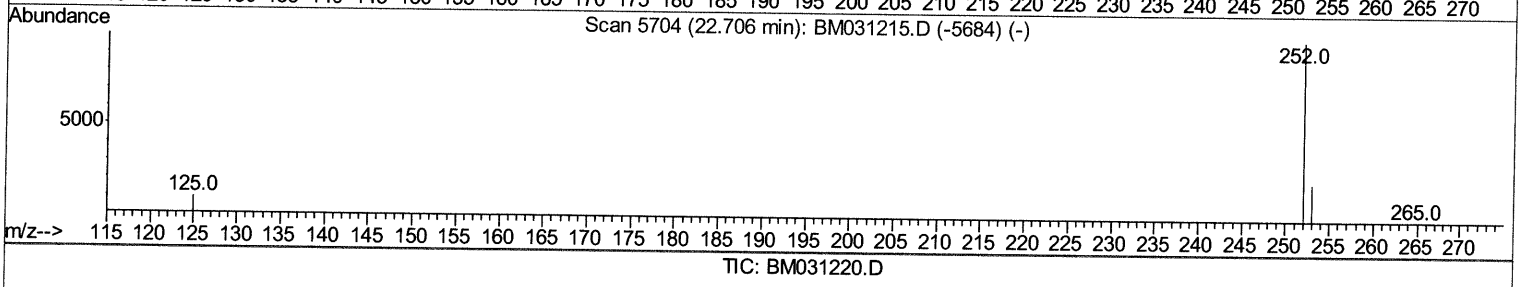






TIC: BM031220.D

(24) Benzo(b)fluoranthene

22.706min (-0.000) 4.55ng/ul

response 134458

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.92
125.00	11.40	11.65
0.00	0.00	0.00

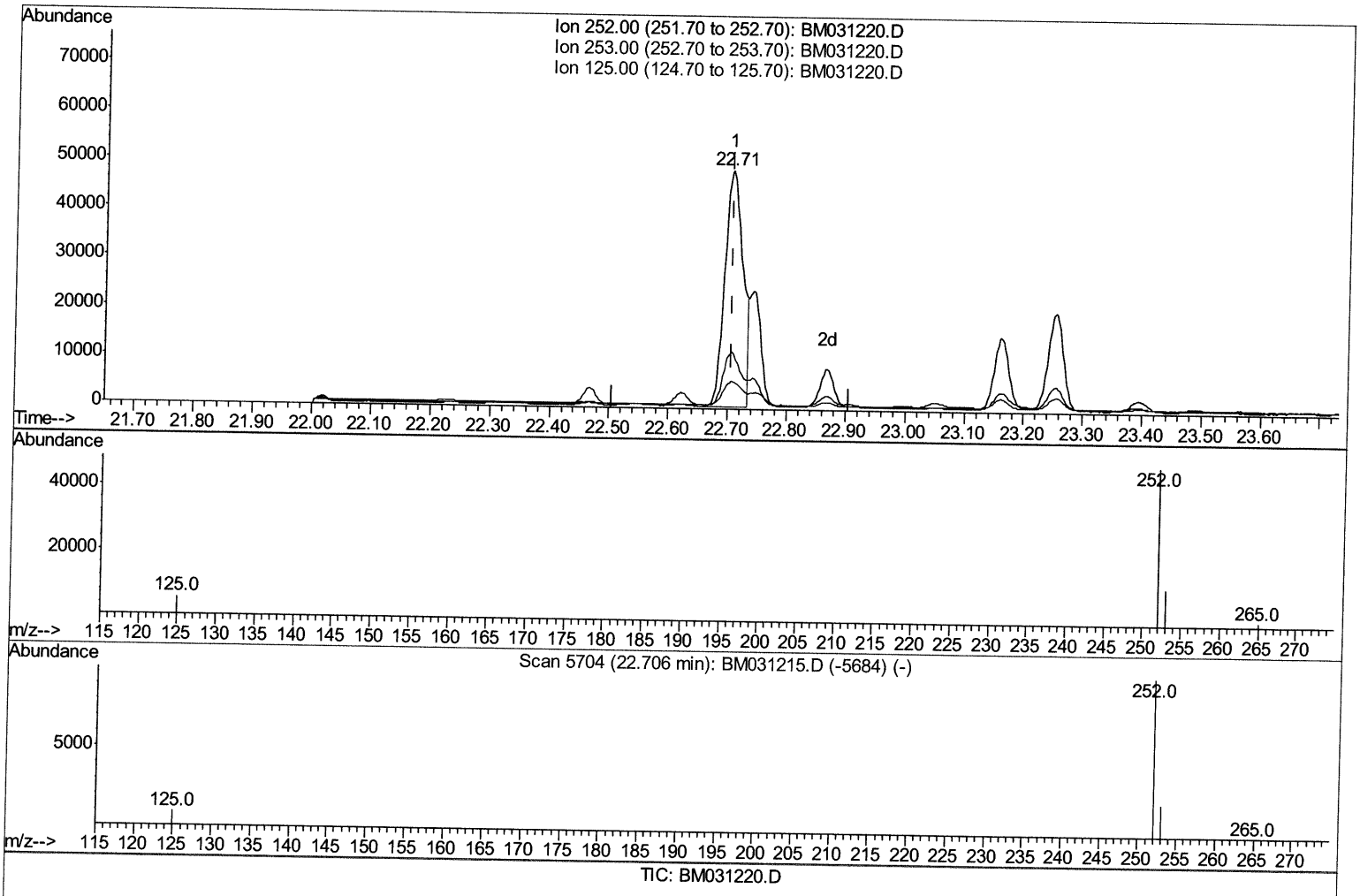
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031220.D
Acq On : 28 Jul 2021 20:23
Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 29 04:00:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0014

Manual Integrations APPROVED
mohammad
7/29/2021 1:44:55 PM



(24) Benzo(b)fluoranthene

22.706min (-0.000) 3.43ng/ul m 07/30/21 JU

response 101512

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.92
125.00	11.40	11.65
0.00	0.00	0.00

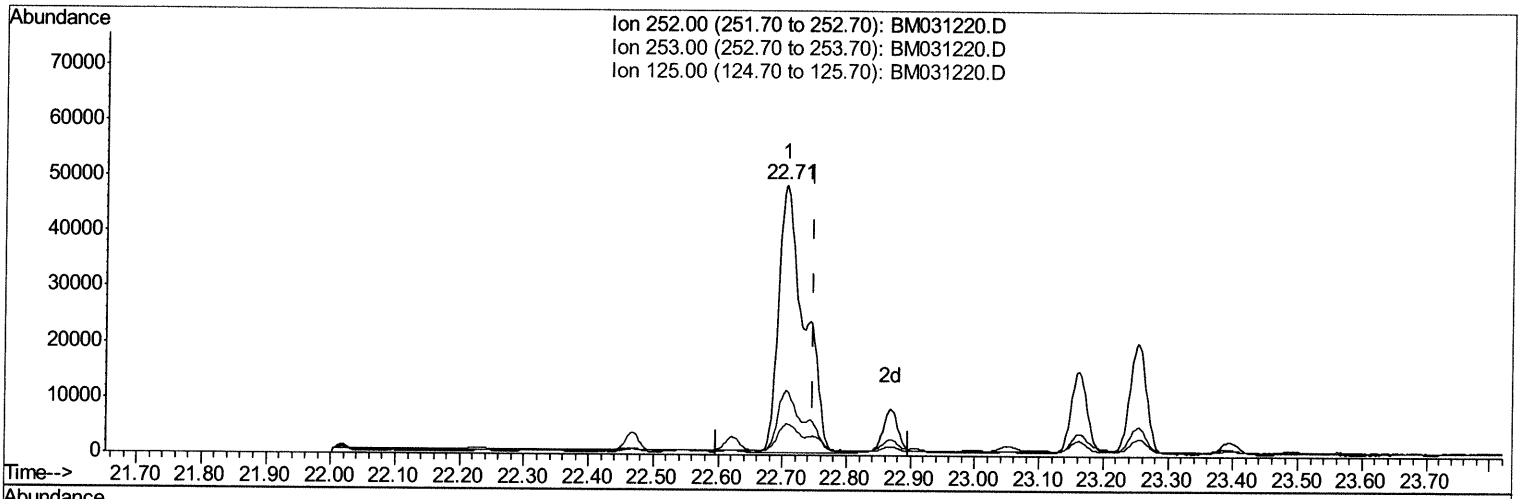
Quantitation Report (Qedit)

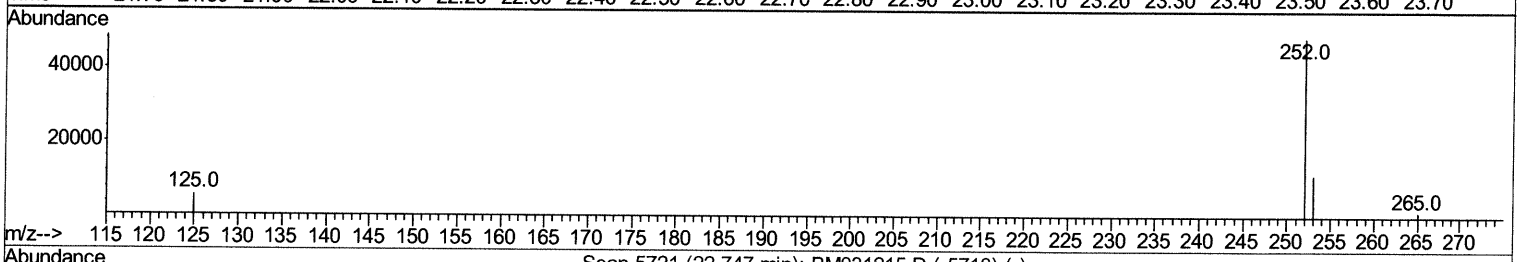
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031220.D
Acq On : 28 Jul 2021 20:23
Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

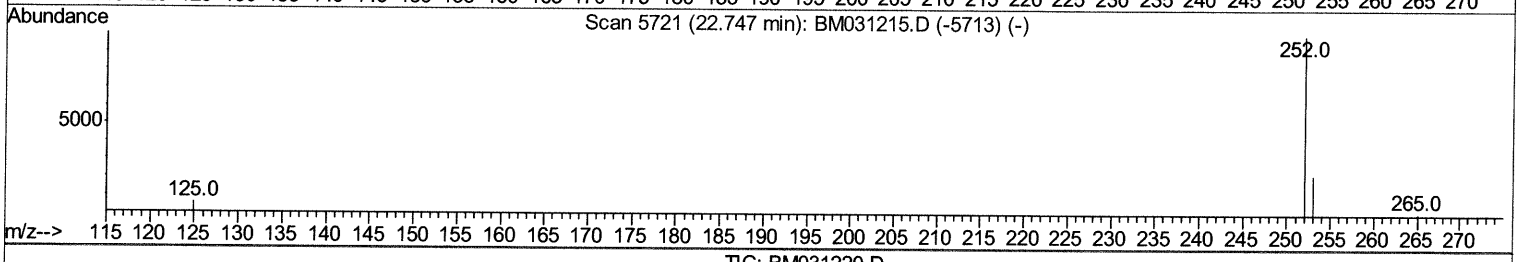
Quant Time: Jul 29 04:01:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0014

Manual Integrations APPROVED
mohammad
7/29/2021 1:44:55 PM







TIC: BM031220.D

(25) Benzo(k)fluoranthene

22.706min (-0.041) 4.40ng/ul

response 134458

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.92
125.00	11.00	11.65
0.00	0.00	0.00

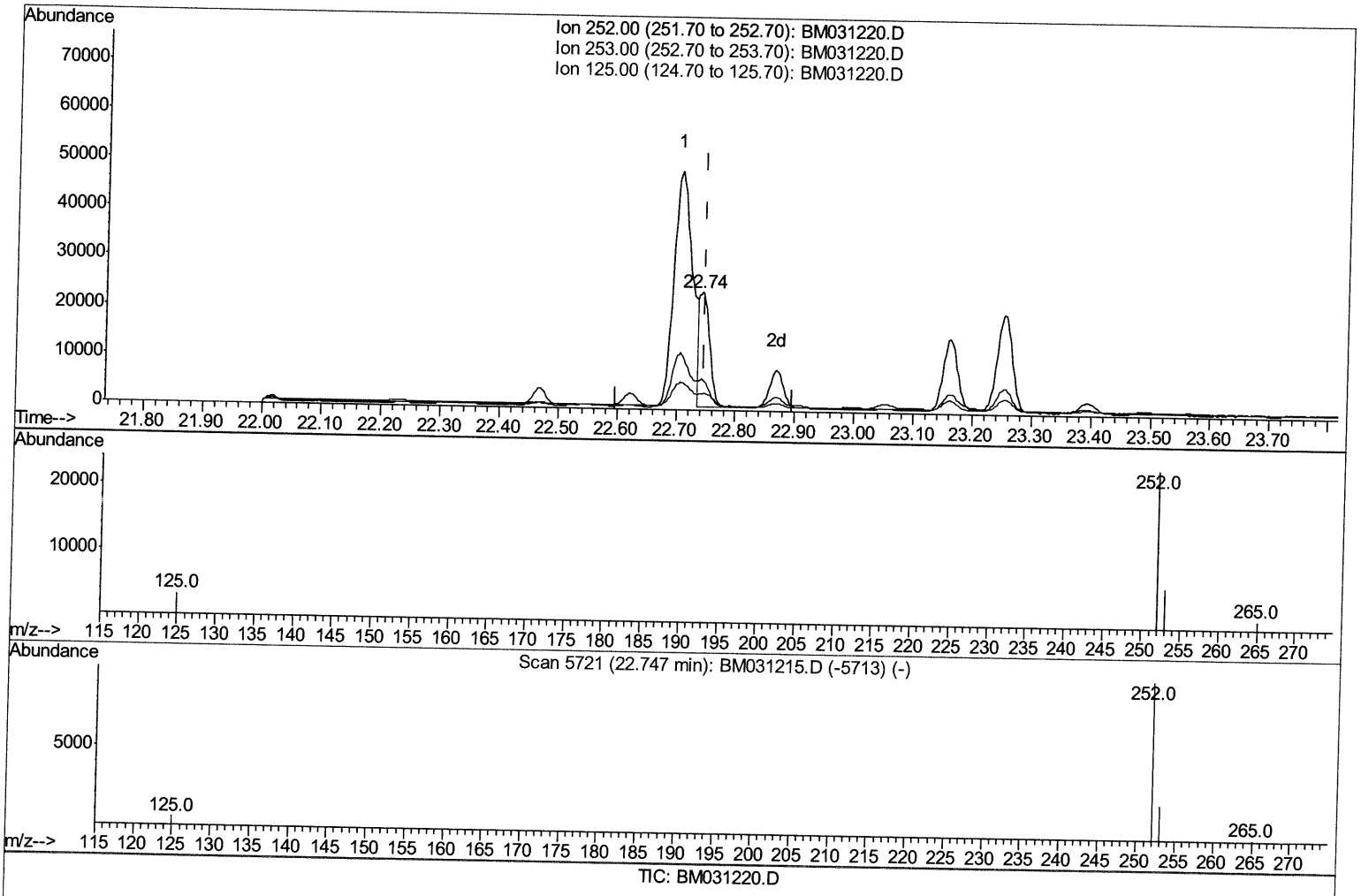
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031220.D
Acq On : 28 Jul 2021 20:23
Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 29 04:01:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0014

Manual Integrations APPROVED
mohammad
7/29/2021 1:44:55 PM



(25) Benzo(k)fluoranthene

22.742min (-0.005) 0.97ng/ul m 07/30/21 JU

response 29776

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.33
125.00	11.00	13.92#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031220.D
Acq On : 28 Jul 2021 20:23
Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
7/29/2021 1:44:55 PM

Quant Time: Jul 29 04:02:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2095	0.40	ng/ul	0.00
4) Naphthalene-d8	10.38	136	8193	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	5270	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	9914	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	7160	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	6566	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4362	1.87	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	2010	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	4188	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.43	128	20984	0.860	ng/ul	98
7) 2-Methylnaphthalene	12.04	142	17686	1.061	ng/ul	99
8) 1-Methylnaphthalene	12.27	142	9442	0.573	ng/ul	100
10) Acenaphthylene	13.97	152	11064	0.493	ng/ul	99
11) Acenaphthene	14.31	153	1490m >	0.079	ng/ul >	07/30/21 JU
12) Fluorene	15.30	166	2421	0.111	ng/ul#	83
15) Phenanthrene	17.03	178	96195	3.056	ng/ul	97
16) Anthracene	17.12	178	12130	0.412	ng/ul	99
19) Fluoranthene	19.05	202	137958	4.512	ng/ul	97
20) Pyrene	19.42	202	95942	3.094	ng/ul	97
21) Benzo(a)anthracene	21.17	228	58081	2.009	ng/ul	93
22) Chrysene	21.22	228	80468	2.690	ng/ul	97
24) Benzo(b)fluoranthene	22.71	252	101512m >	3.431	ng/ul >	07/30/20 JU
25) Benzo(k)fluoranthene	22.74	252	29776m >	0.974	ng/ul >	
26) Benzo(a)pyrene	23.25	252	35974	1.389	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.49	276	43398	1.296	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.50	278	14138	0.524	ng/ul#	89
29) Benzo(g,h,i)perylene	26.15	276	2907	0.102	ng/ul#	63

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