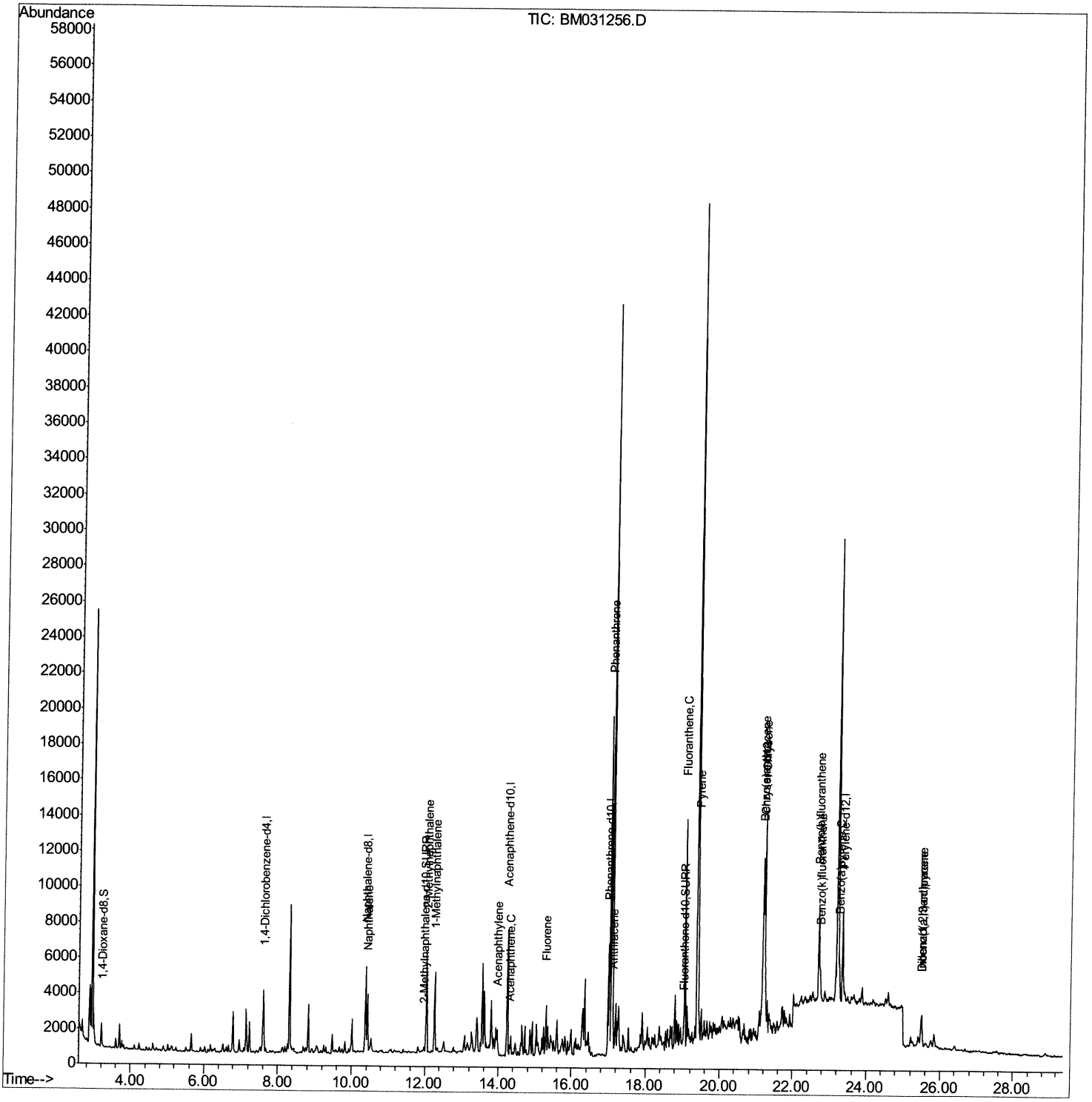
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031256.D
Acq On : 29 Jul 2021 19:45
Operator : CG/JU
Sample : M3082-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 30 04:27:54 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 :
C0011DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:16 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031256.D
Acq On : 29 Jul 2021 19:45
Operator : CG/JU
Sample : M3082-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 30 03:41:28 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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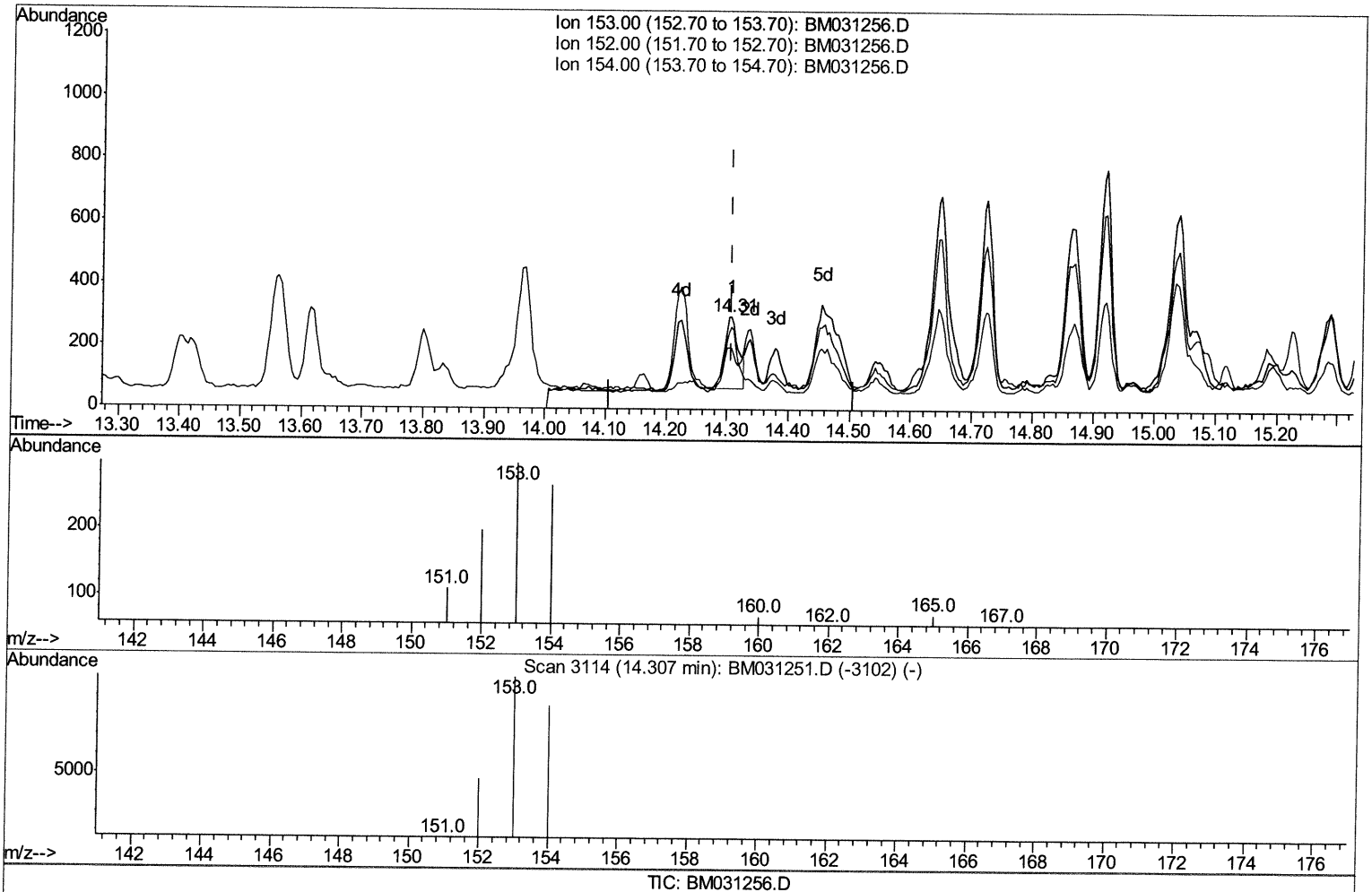

TIC: BM031256.D

(11) Acenaphthene (C)

14.307min (-0.001) 0.03ng/ul

response 374

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	66.33#
154.00	87.70	88.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
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Manual Integrations APPROVED
mohammad
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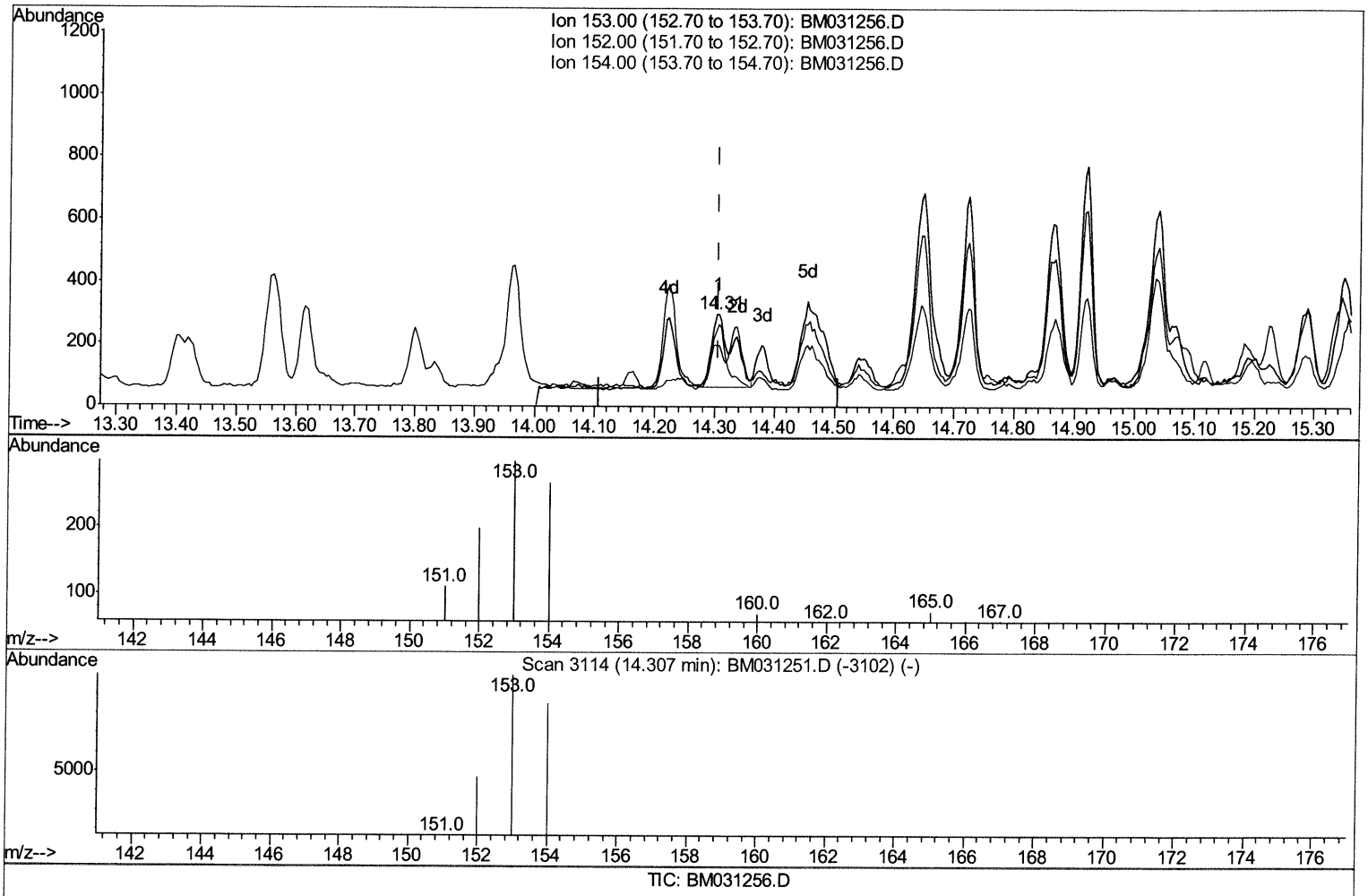


TIC: BM031256.D

(11) Acenaphthene (C)

14.307min (-0.001) 0.04ng/ul m 08/02/21 JU

response 561

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	66.33#
154.00	87.70	88.89
0.00	0.00	0.00

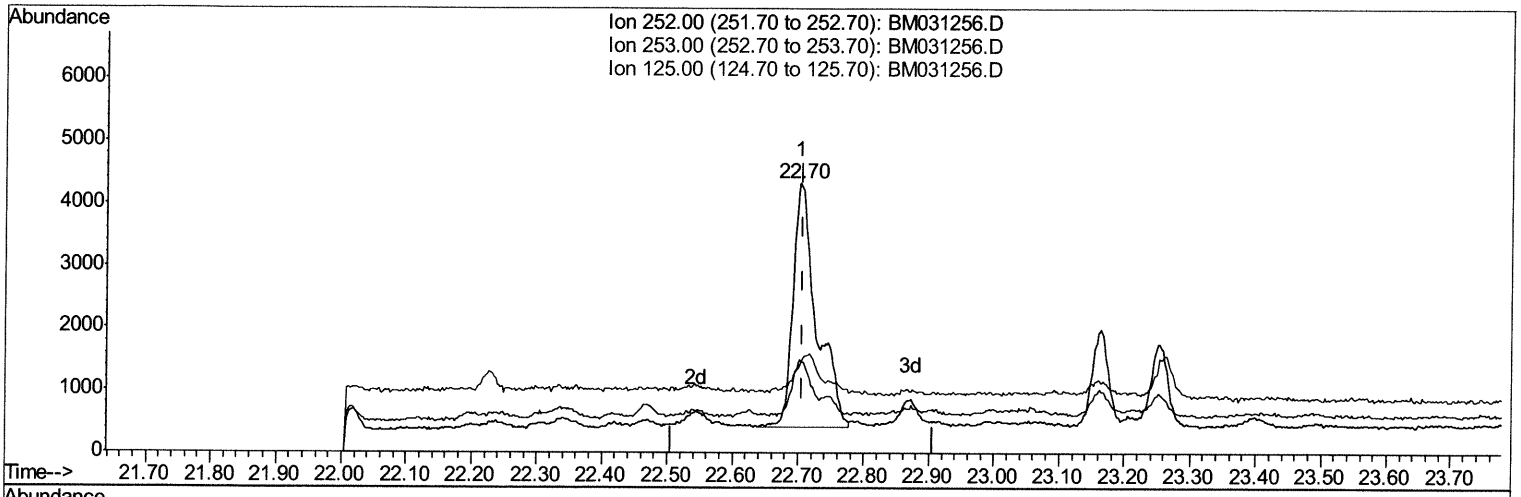
Quantitation Report (Qedit)

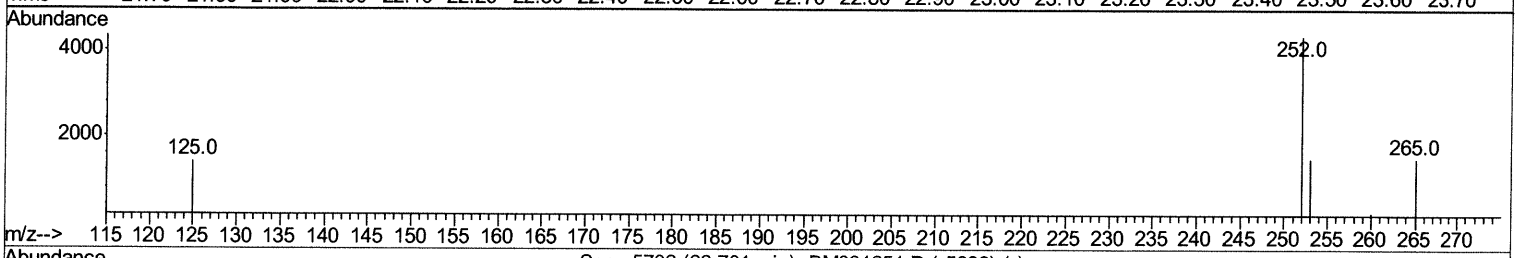
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031256.D
Acq On : 29 Jul 2021 19:45
Operator : CG/JU
Sample : M3082-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

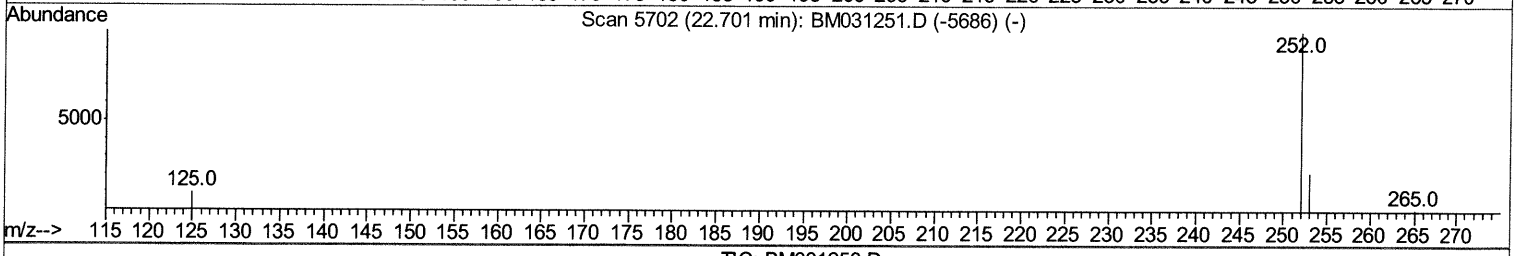
Quant Time: Jul 30 04:24:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0011DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:16 PM







TIC: BM031256.D

(24) Benzo(b)fluoranthene

22.702min (-0.004) 0.34ng/ul

response 9657

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.48
125.00	11.40	32.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031256.D
Acq On : 29 Jul 2021 19:45
Operator : CG/JU
Sample : M3082-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 30 04:24:40 2021
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BNA_M
ClientSampleId :
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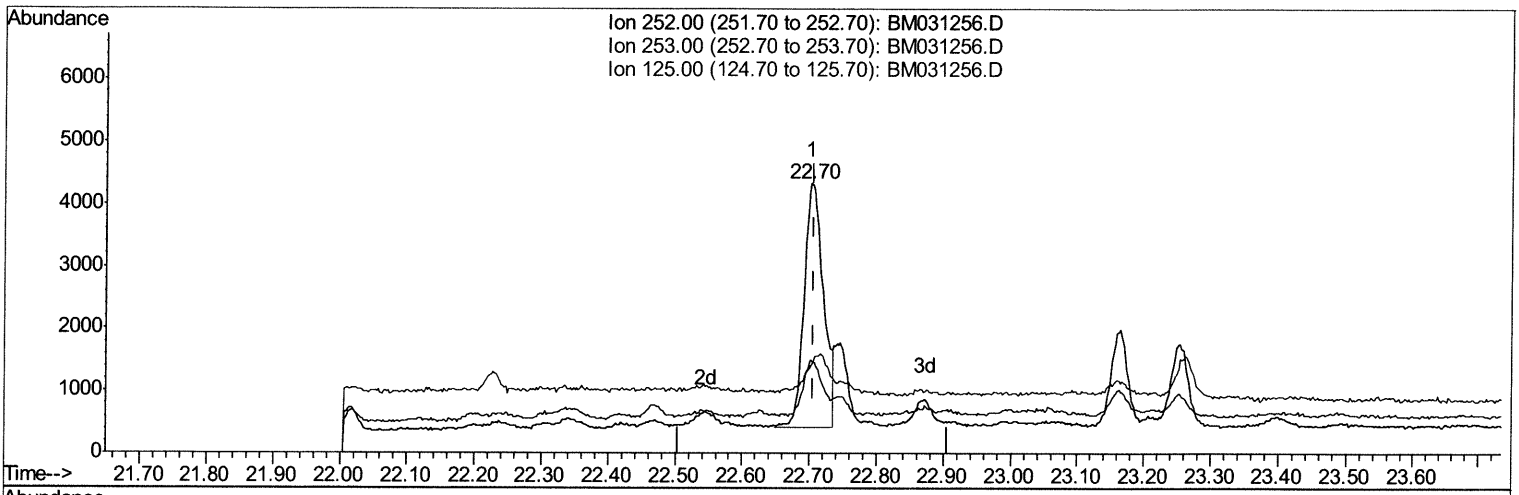
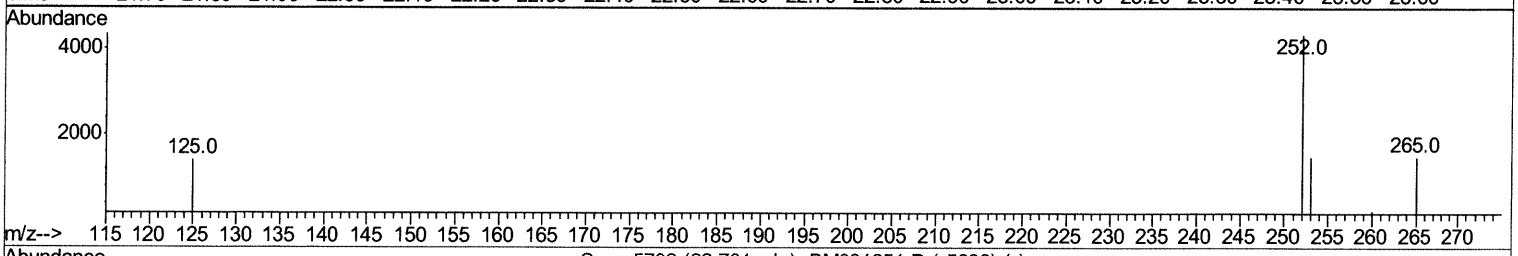
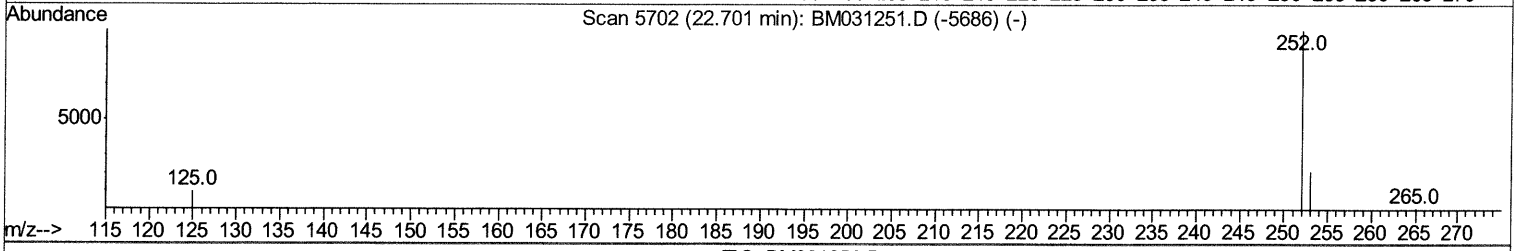
Manual Integrations APPROVED
mohammad
7/30/2021 12:02:16 PM







TIC: BM031256.D

(24) Benzo(b)fluoranthene

22.702min (-0.004) 0.28ng/ul m 08/02/21 JU

response 7812

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.48
125.00	11.40	32.47#
0.00	0.00	0.00

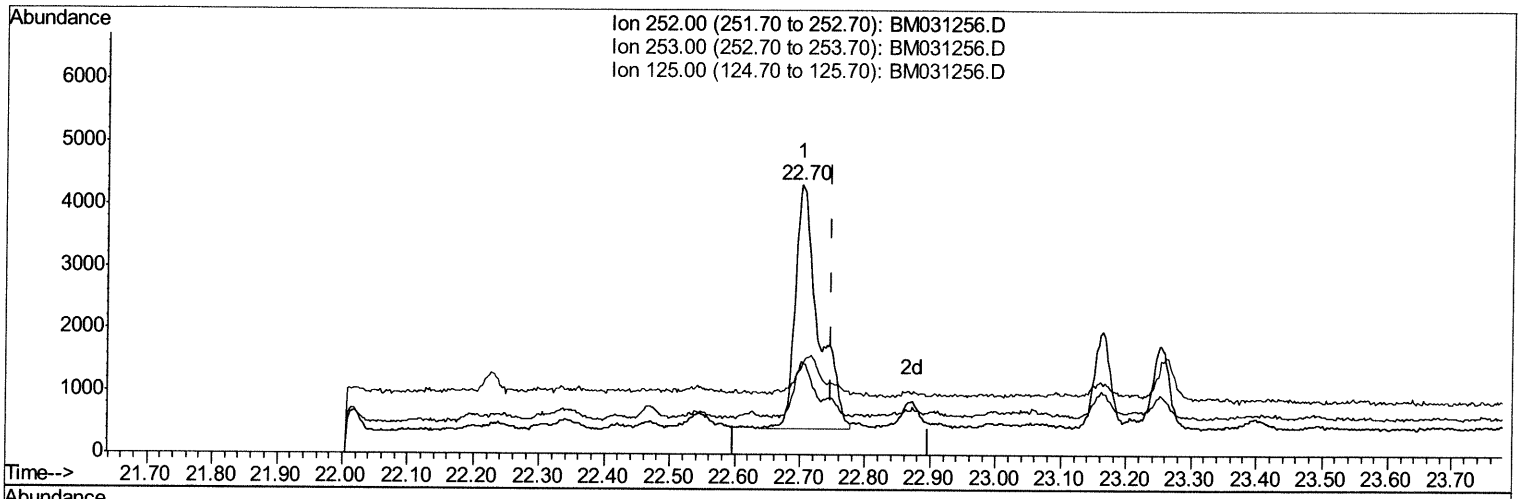
Quantitation Report (Qedit)

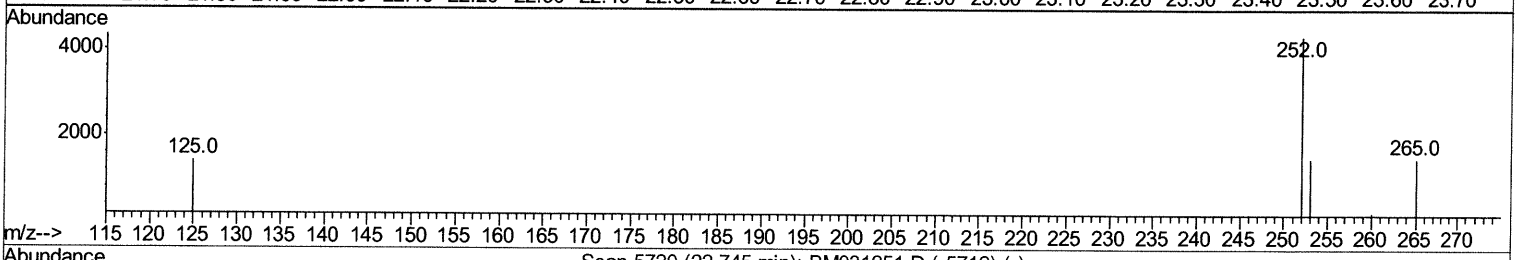
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031256.D
Acq On : 29 Jul 2021 19:45
Operator : CG/JU
Sample : M3082-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

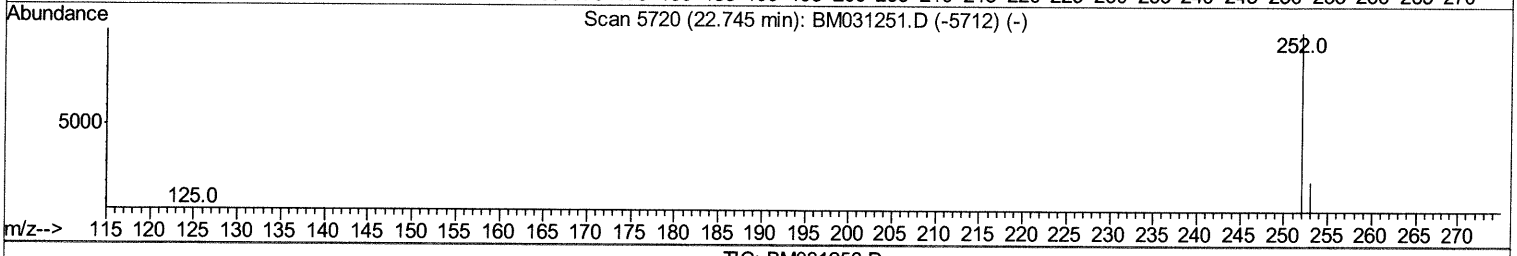
Quant Time: Jul 30 04:25:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0011DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:16 PM







TIC: BM031256.D

(25) Benzo(k)fluoranthene

22.702min (-0.045) 0.33ng/ul

response 9657

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.48#
125.00	11.00	32.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031256.D
Acq On : 29 Jul 2021 19:45
Operator : CG/JU
Sample : M3082-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 30 04:25:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Wed Jul 28 15:20:04 2021
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Instrument :
BNA_M
ClientSampleId :
C0011DL

Manual Integrations APPROVED
mohammad
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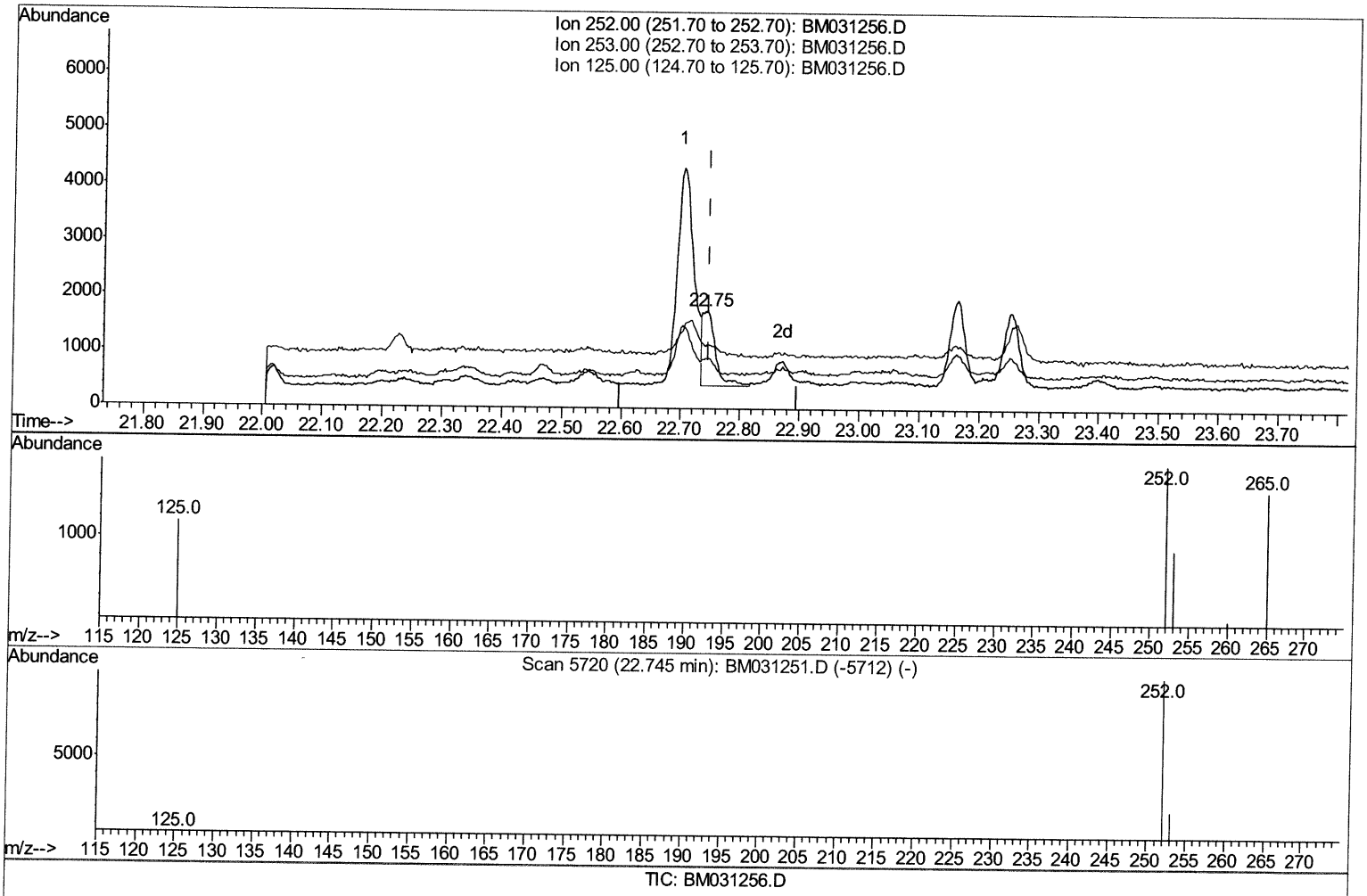

TIC: BM031256.D

(25) Benzo(k)fluoranthene

22.746min (-0.002) 0.07ng/ul m 08/02/21 JU

response 2117

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	51.39#
125.00	11.00	65.37#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031256.D
Acq On : 29 Jul 2021 19:45
Operator : CG/JU
Sample : M3082-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0011DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:02:16 PM

Quant Time: Jul 30 04:27:54 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1698	0.40	ng/ul	0.00
4) Naphthalene-d8	10.38	136	6301	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3721	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	7269	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	6118	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	6257	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	840	0.45	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	346	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	777	0.04	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	4355	0.232	ng/ul	98
7) 2-Methylnaphthalene	12.05	142	3982	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.27	142	3081	0.243	ng/ul	99
10) Acenaphthylene	13.97	152	707	0.045	ng/ul#	71
11) Acenaphthene	14.31	153	561m >	0.042	ng/ul >	08/02/21 JU
12) Fluorene	15.30	166	1164	0.076	ng/ul#	70
15) Phenanthrene	17.03	178	19653	0.851	ng/ul	98
16) Anthracene	17.12	178	1771	0.082	ng/ul#	88
19) Fluoranthene	19.05	202	11350	0.434	ng/ul#	95
20) Pyrene	19.42	202	9383	0.354	ng/ul#	92
21) Benzo(a)anthracene	21.16	228	5090	0.206	ng/ul#	68
22) Chrysene	21.22	228	13397	0.524	ng/ul#	88
24) Benzo(b)fluoranthene	22.70	252	7812m >	0.277	ng/ul >	08/02/21 JU
25) Benzo(k)fluoranthene	22.75	252	2117m >	0.073	ng/ul >	
26) Benzo(a)pyrene	23.25	252	2393	0.097	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	25.50	276	2233	0.070	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.50	278	1305	0.051	ng/ul#	1

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