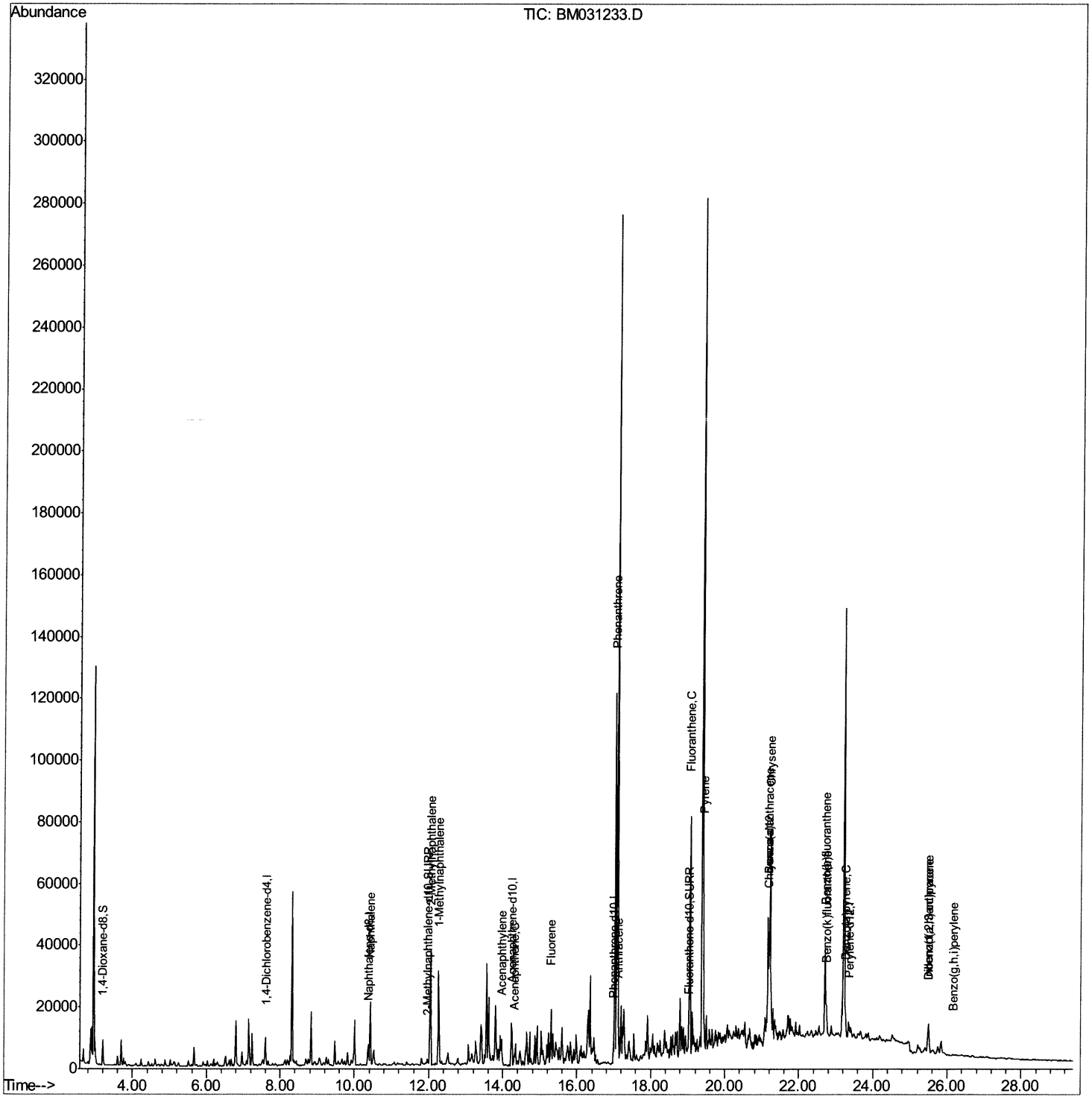
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031233.D
Acq On : 29 Jul 2021 05:35
Operator : CG/JU
Sample : M3082-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 29 07:16:02 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 : Thu Jul 29 06:56:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0011

Manual Integrations APPROVED
mohammad
7/29/2021 1:45:31 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031233.D
Acq On : 29 Jul 2021 05:35
Operator : CG/JU
Sample : M3082-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 29 07:09:58 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 : Thu Jul 29 06:56:02 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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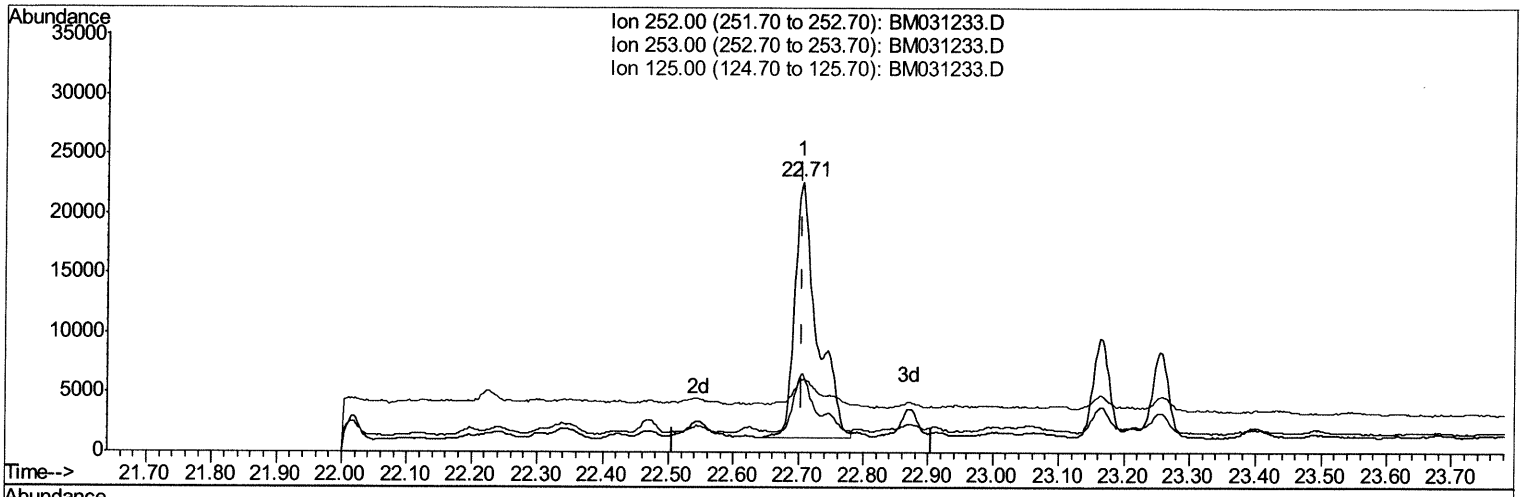

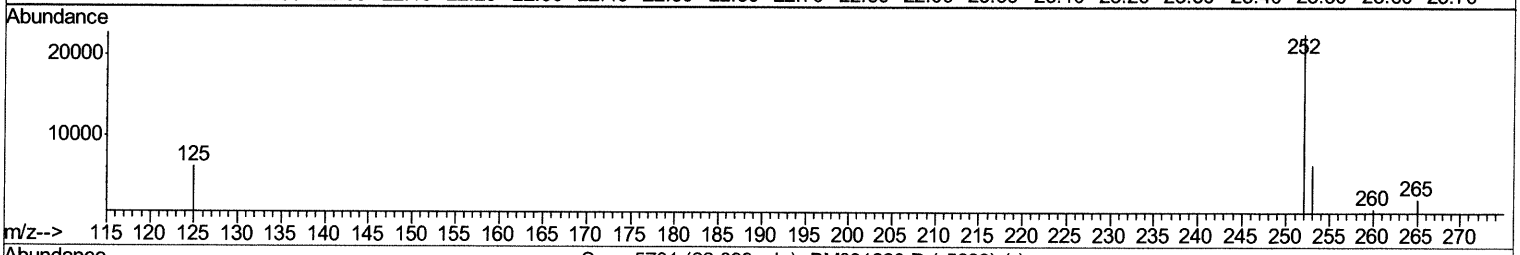

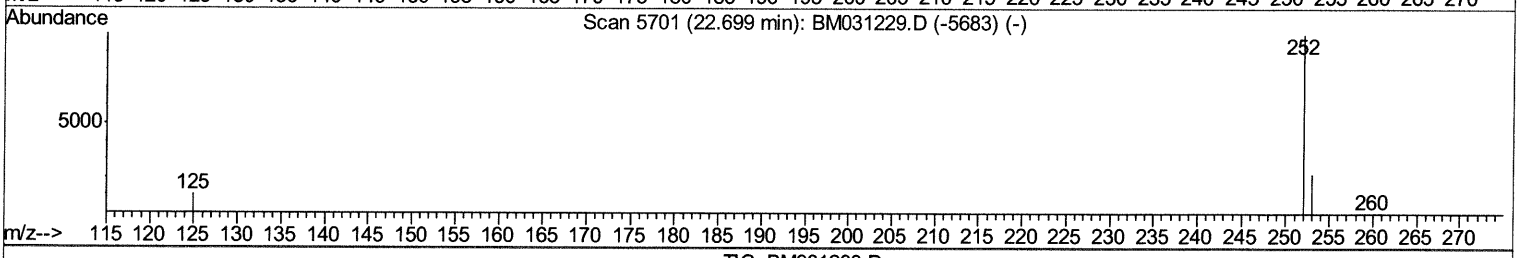

TIC: BM031233.D

(24) Benzo(b)fluoranthene

22.706min (-0.000) 1.76ng/ul

response 51045

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.88
125.00	11.40	27.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 29 Jul 2021 05:35
Operator : CG/JU
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Misc :
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Quant Time: Jul 29 07:09:58 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 : Thu Jul 29 06:56:02 2021
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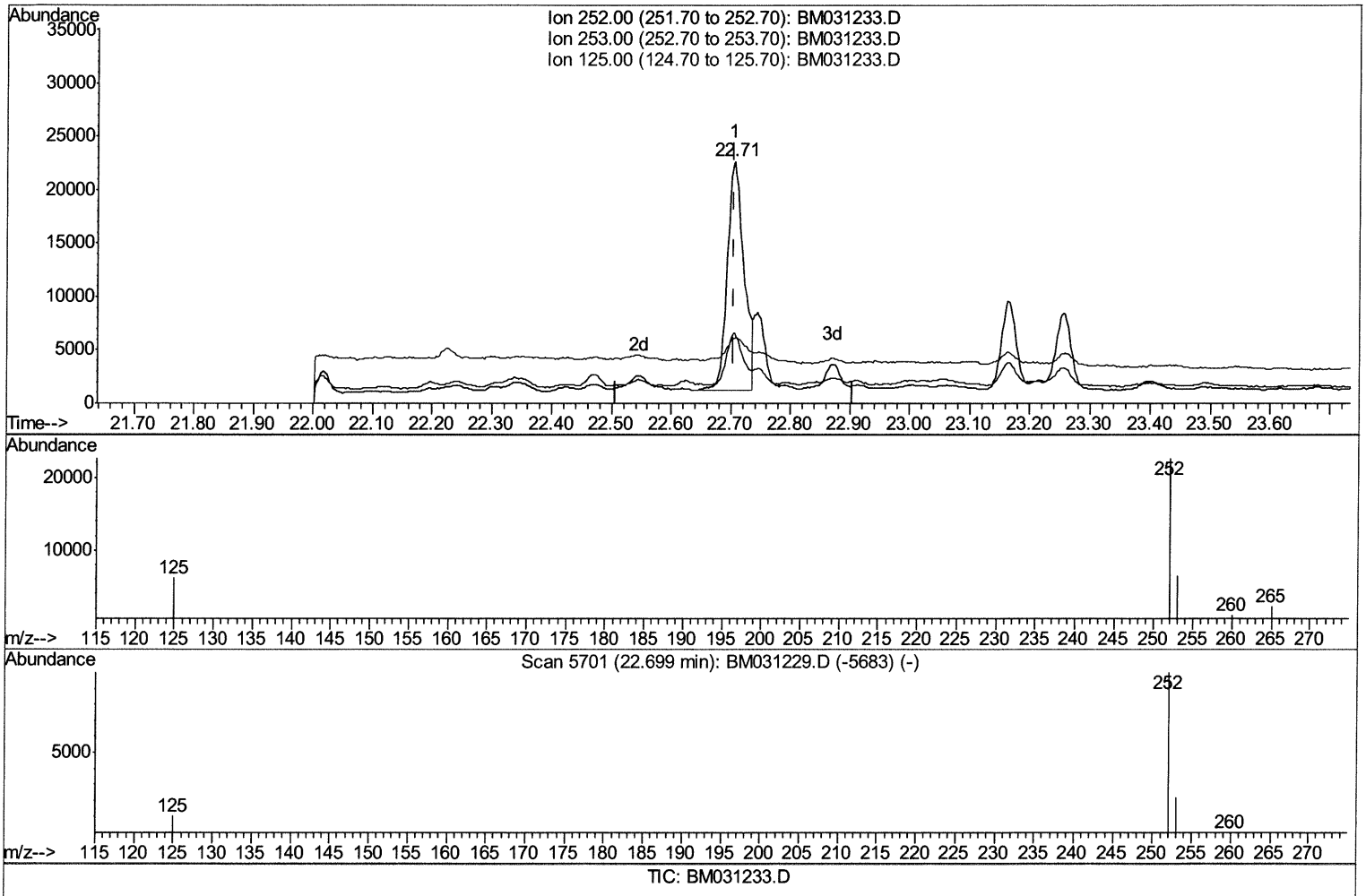
Instrument :
BNA_M
ClientSampleId :
C0011

Manual Integrations APPROVED
mohammad
7/29/2021 1:45:31 PM



TIC: BM031233.D

(24) Benzo(b)fluoranthene

22.706min (-0.000) 1.43ng/ul m 07/30/21 JU

response 41520

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.88
125.00	11.40	27.01#
0.00	0.00	0.00

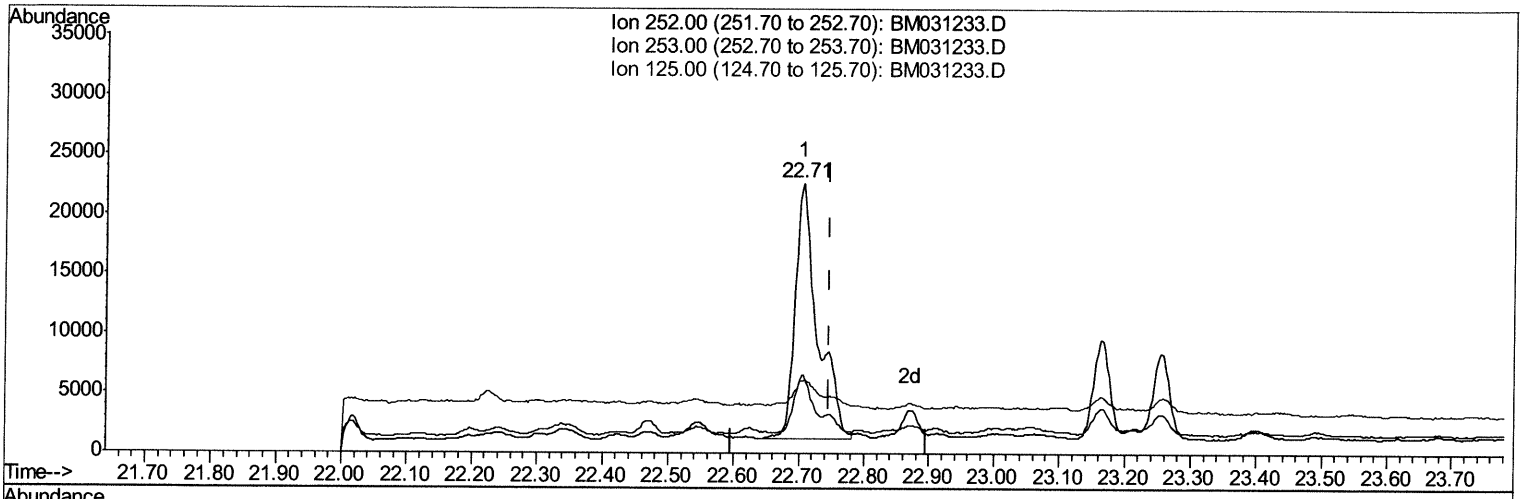
Quantitation Report (Qedit)

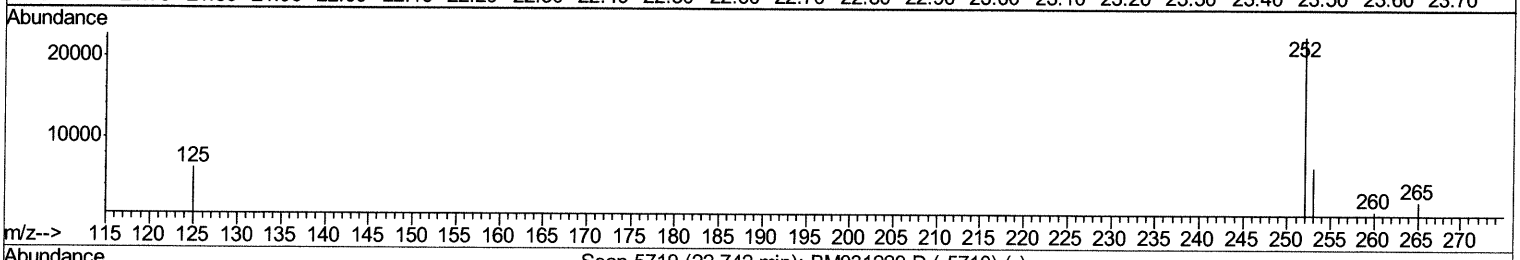
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031233.D
Acq On : 29 Jul 2021 05:35
Operator : CG/JU
Sample : M3082-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

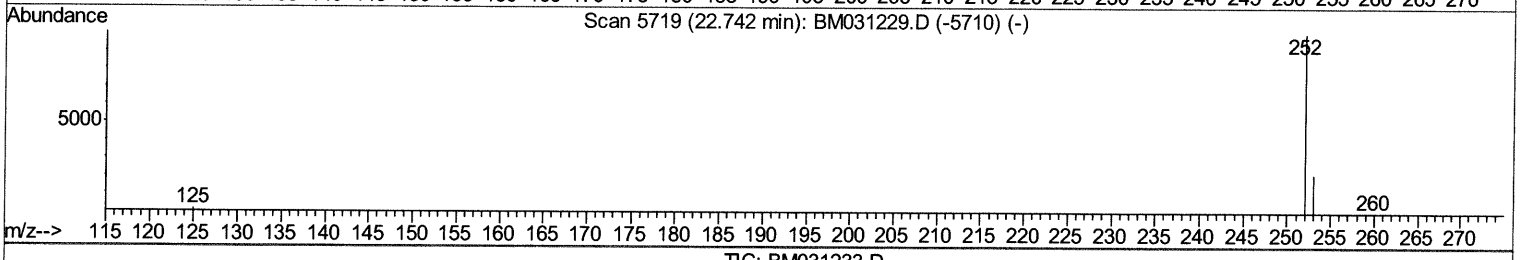
Quant Time: Jul 29 07:14:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 06:56:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0011

Manual Integrations APPROVED
mohammad
7/29/2021 1:45:31 PM







TIC: BM031233.D

(25) Benzo(k)fluoranthene

22.706min (-0.041) 1.70ng/ul

response 51045

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.88
125.00	11.00	27.01#
0.00	0.00	0.00

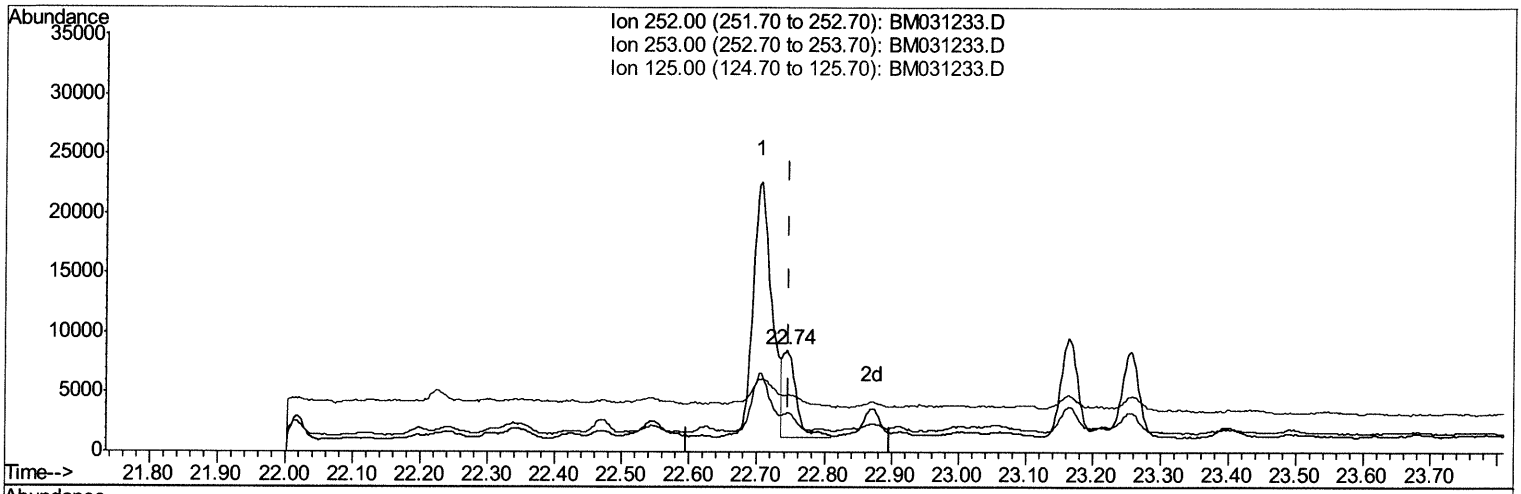
Quantitation Report (Qedit)

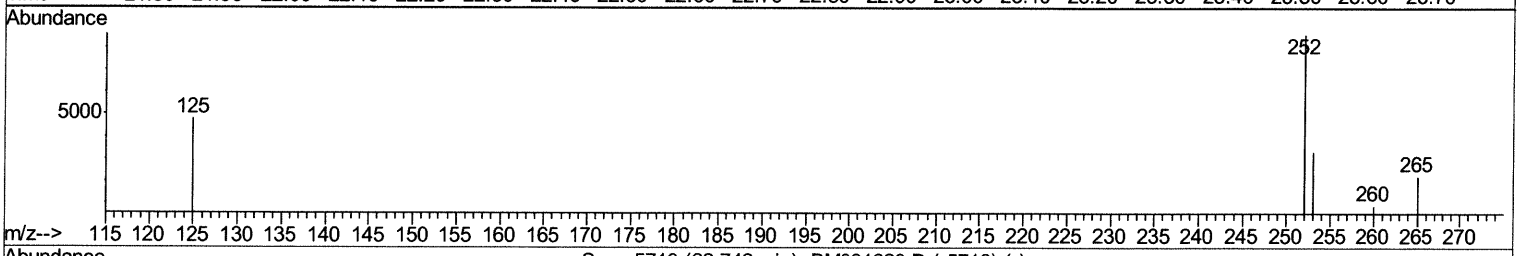
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031233.D
Acq On : 29 Jul 2021 05:35
Operator : CG/JU
Sample : M3082-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

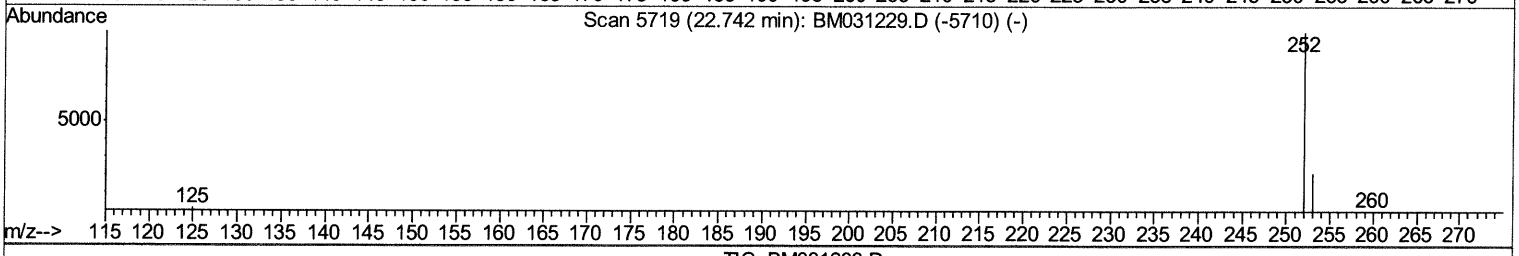
Quant Time: Jul 29 07:14:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 06:56:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0011

Manual Integrations APPROVED
mohammad
7/29/2021 1:45:31 PM







TIC: BM031233.D

(25) Benzo(k)fluoranthene

22.745min (-0.003) 0.35ng/ul m 07/30/21 JU

response 10415

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	38.30#
125.00	11.00	55.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031233.D
Acq On : 29 Jul 2021 05:35
Operator : CG/JU
Sample : M3082-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 29 07:15:09 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 : Thu Jul 29 06:56:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0011

Manual Integrations APPROVED
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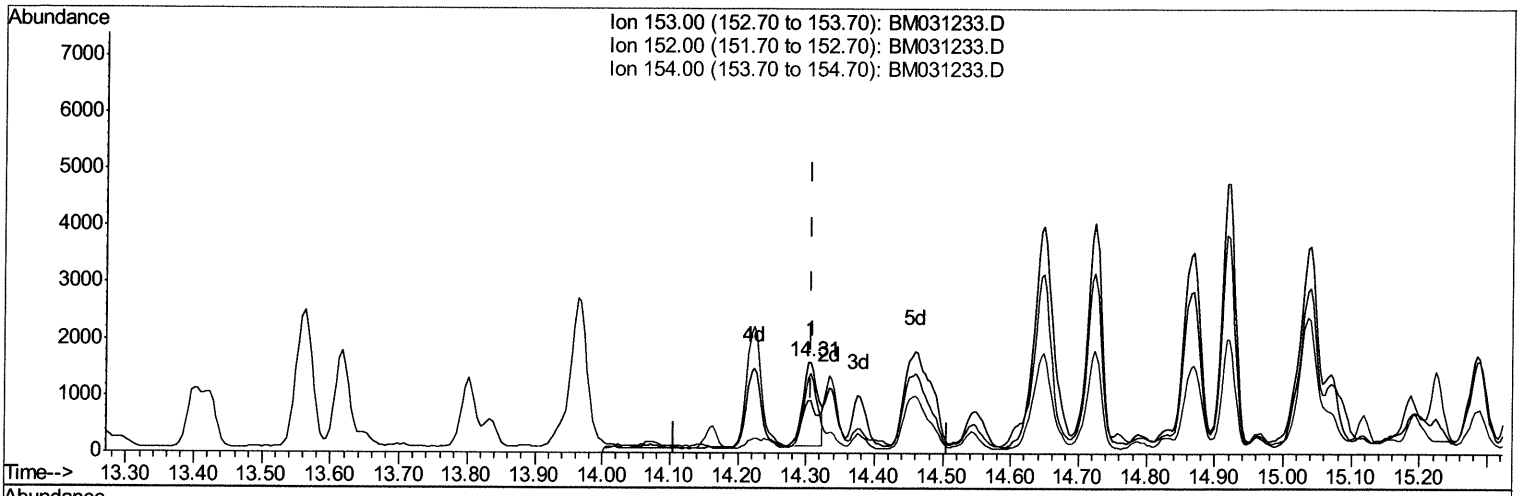

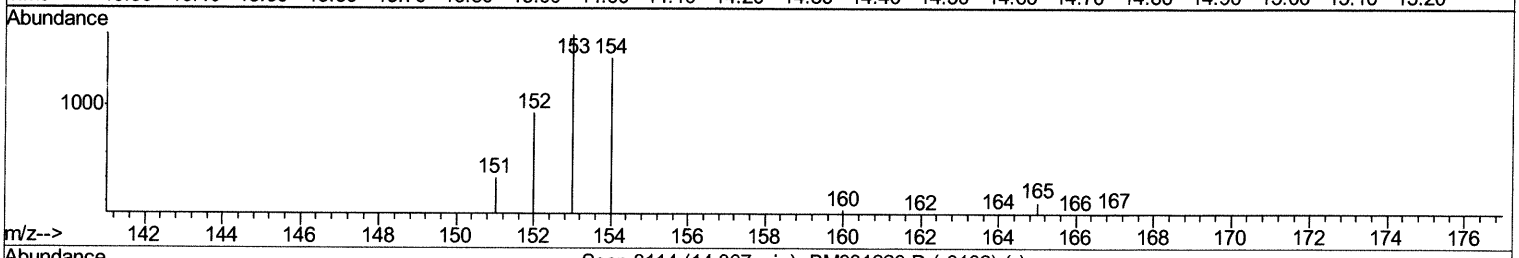

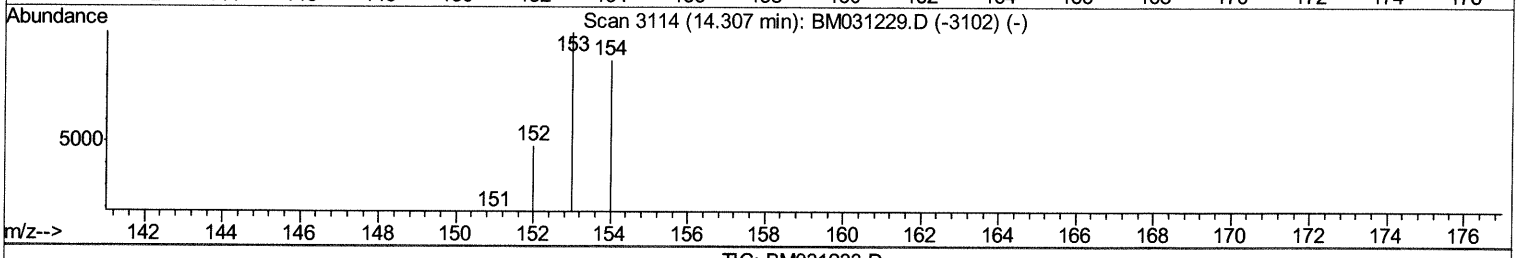

TIC: BM031233.D

(11) Acenaphthene (C)

14.307min (-0.000) 0.13ng/ul

response 2280

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	58.54
154.00	87.70	87.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031233.D
Acq On : 29 Jul 2021 05:35
Operator : CG/JU
Sample : M3082-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 29 07:15:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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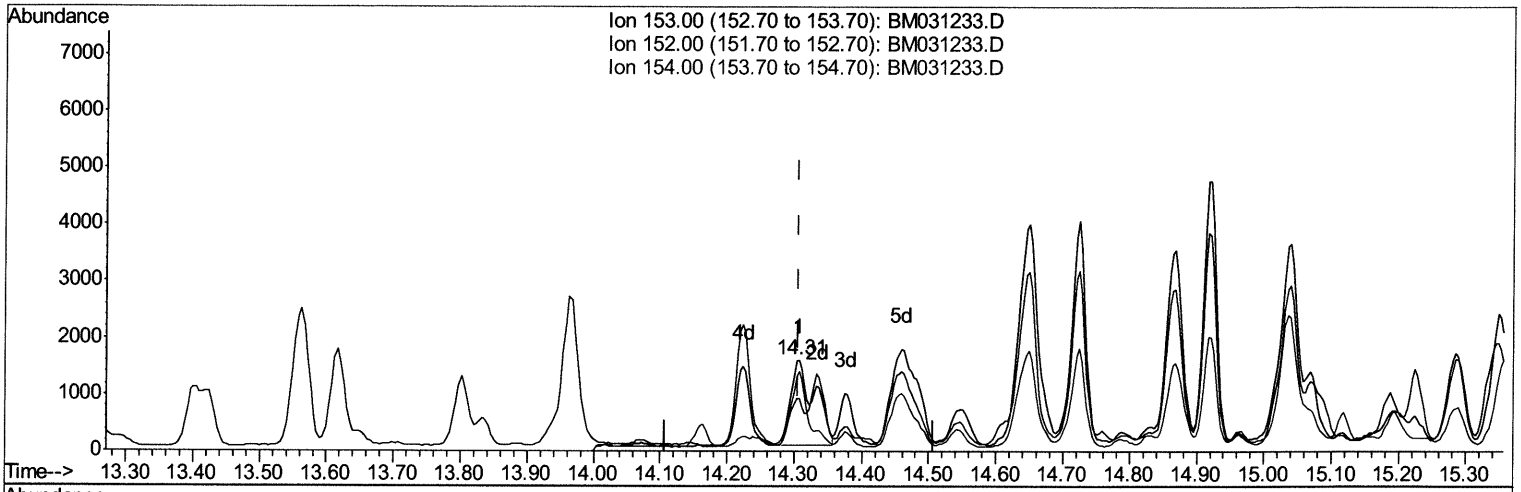

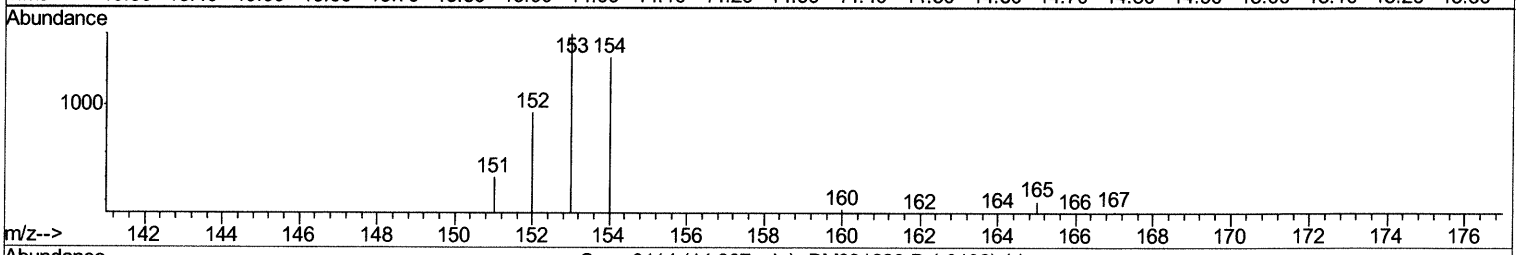

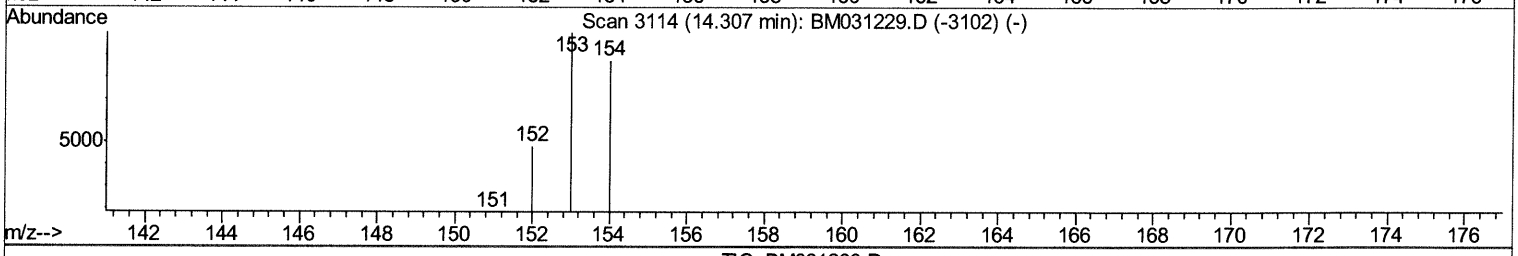

TIC: BM031233.D

(11) Acenaphthene (C)

14.307min (-0.000) 0.21ng/ul m 8/13/21 JU

response 3634

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	58.54
154.00	87.70	87.72
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072821\
Data File : BM031233.D
Acq On : 29 Jul 2021 05:35
Operator : CG/JU
Sample : M3082-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0011

Manual Integrations APPROVED
mohammad
7/29/2021 1:45:31 PM

Quant Time: Jul 29 07:16:02 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1920	0.40	ng/ul	0.00
4) Naphthalene-d8	10.38	136	7136	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	4723	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	8355	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	6302	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	6448	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4884	2.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	2108	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	4621	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	27324	1.285	ng/ul	98
7) 2-Methylnaphthalene	12.04	142	25657	1.767	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	19754	1.377	ng/ul	99
10) Acenaphthylene	13.96	152	4496	0.224	ng/ul	92
11) Acenaphthene	14.31	153	3634m >	0.215	ng/ul >	07/30/21 JU
12) Fluorene	15.30	166	7388	0.379	ng/ul#	70
15) Phenanthrene	17.03	178	123870	4.669	ng/ul	98
16) Anthracene	17.12	178	11330	0.456	ng/ul#	94
19) Fluoranthene	19.05	202	67373	2.504	ng/ul#	95
20) Pyrene	19.42	202	54123	1.983	ng/ul#	94
21) Benzo(a)anthracene	21.17	228	29028	1.141	ng/ul#	68
22) Chrysene	21.22	228	75434	2.865	ng/ul#	89
24) Benzo(b)fluoranthene	22.71	252	41520m >	1.429	ng/ul >	07/30/21 JU
25) Benzo(k)fluoranthene	22.74	252	10415m >	0.347	ng/ul >	
26) Benzo(a)pyrene	23.26	252	13003	0.511	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	25.50	276	11983	0.364	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.51	278	6940	0.262	ng/ul#	12
29) Benzo(g,h,i)perylene	26.15	276	808	0.029	ng/ul#	1

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