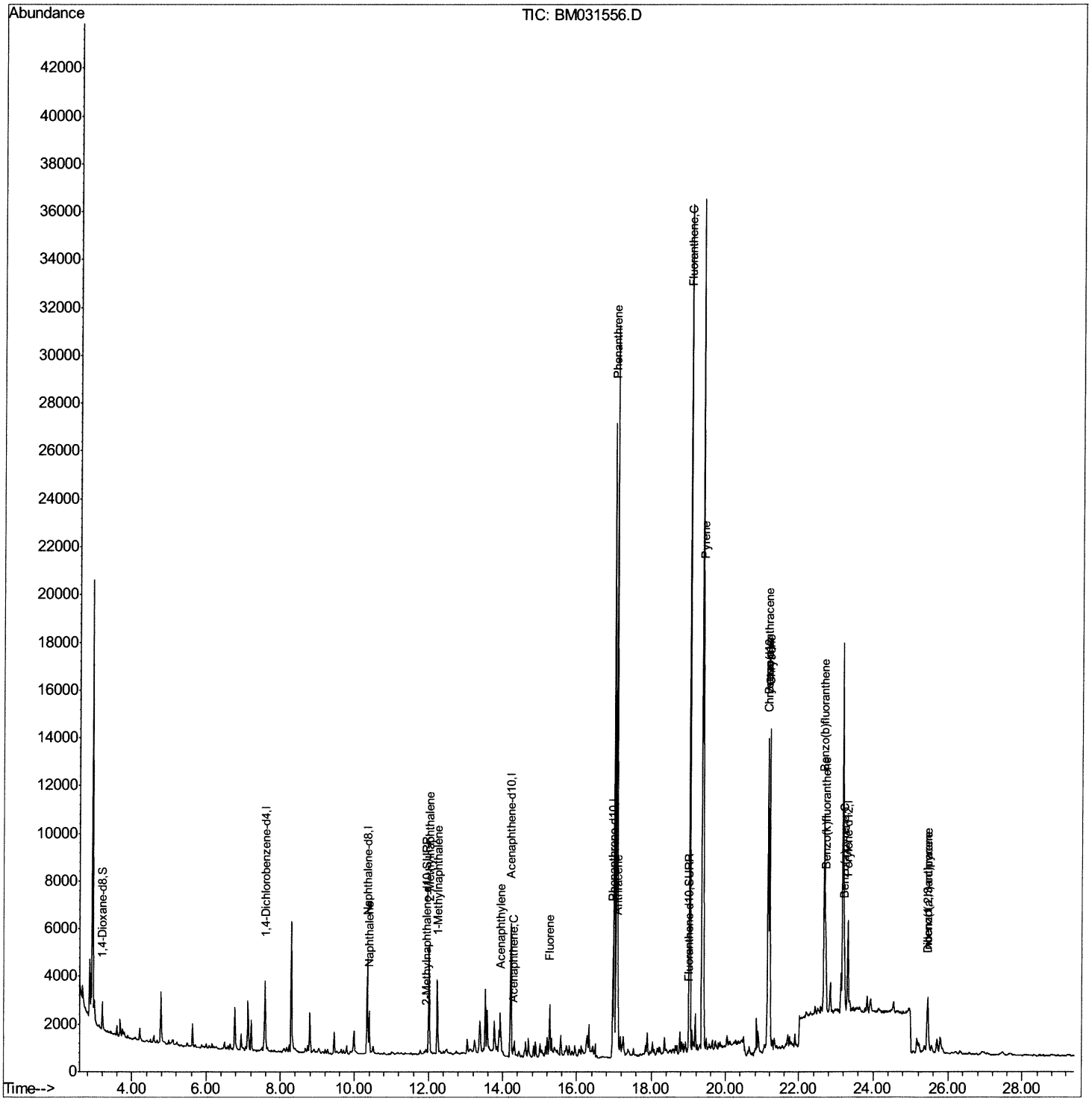
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031556.D
Acq On : 07 Aug 2021 17:54
Operator : CG/JU
Sample : M3124-03DL 5X
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Aug 08 08:30:56 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 : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:50 PM



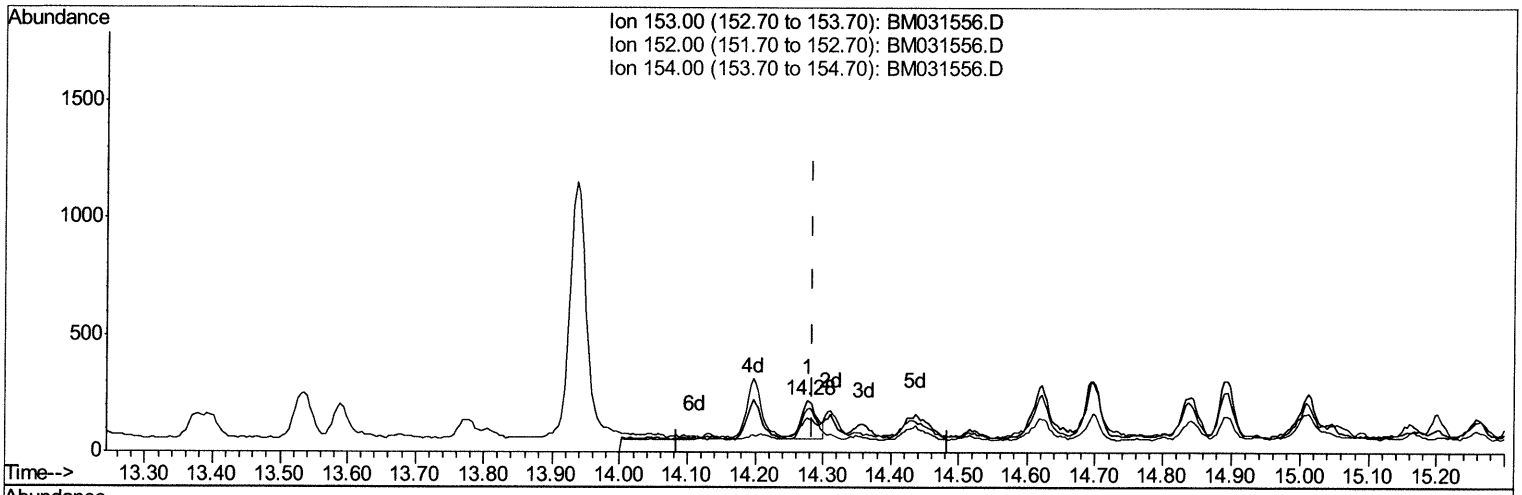
Quantitation Report (Qedit)

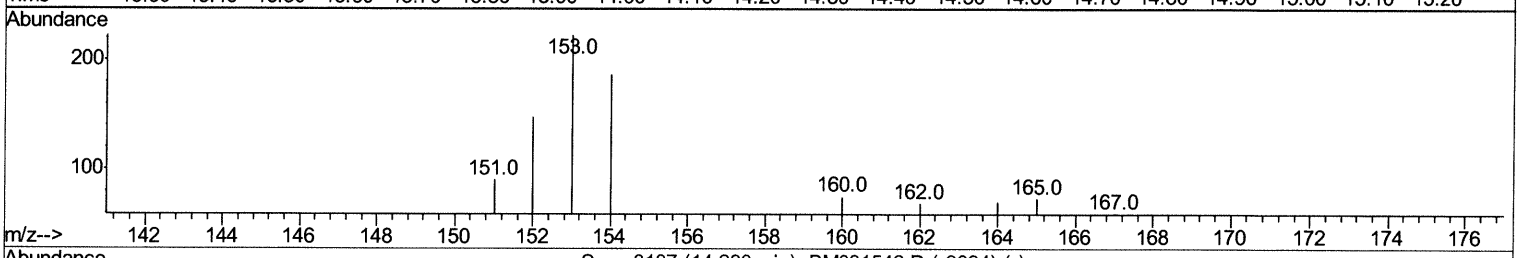
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031556.D
Acq On : 07 Aug 2021 17:54
Operator : CG/JU
Sample : M3124-03DL 5X
Misc :
ALS Vial : 82 Sample Multiplier: 1

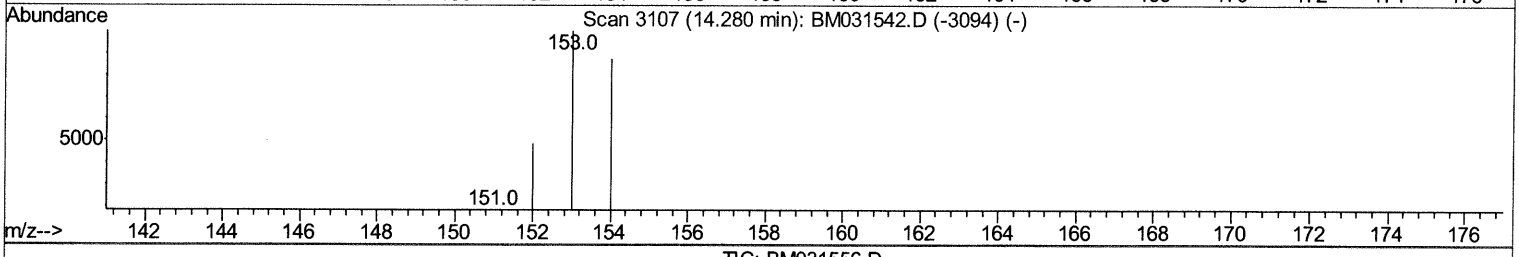
Quant Time: Aug 08 04:02:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:50 PM







TIC: BM031556.D

(11) Acenaphthene (C)

14.277min (-0.007) 0.02ng/ul

response 263

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	66.22#
154.00	87.70	83.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031556.D
Acq On : 07 Aug 2021 17:54
Operator : CG/JU
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Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Aug 08 08:28:09 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 : Fri Aug 06 18:39:21 2021
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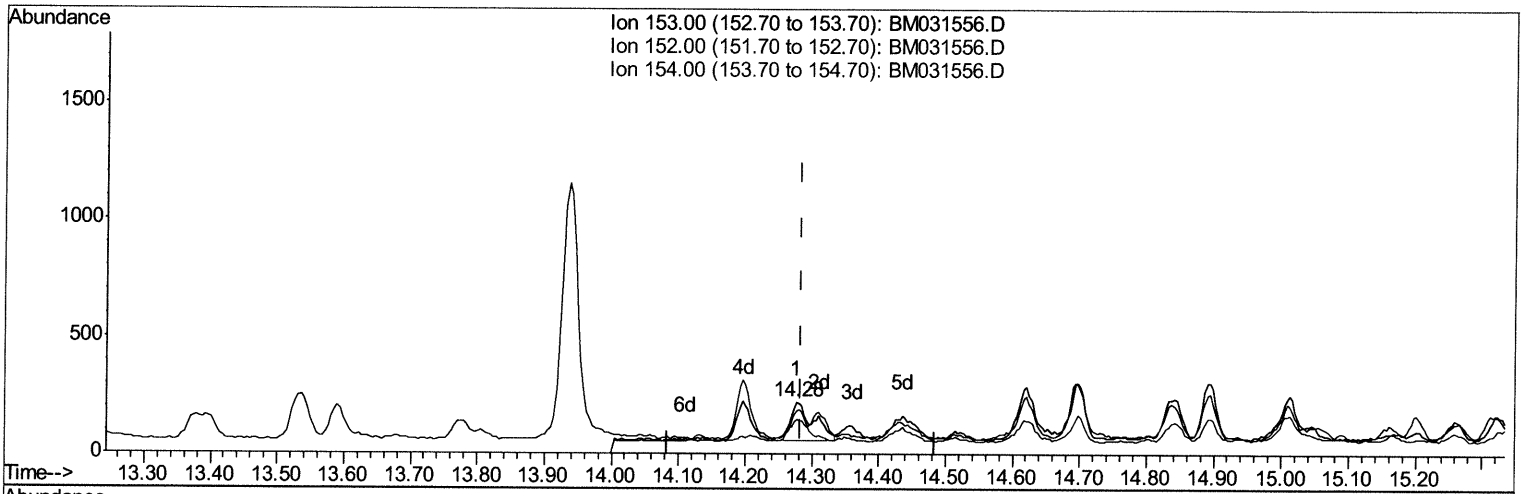
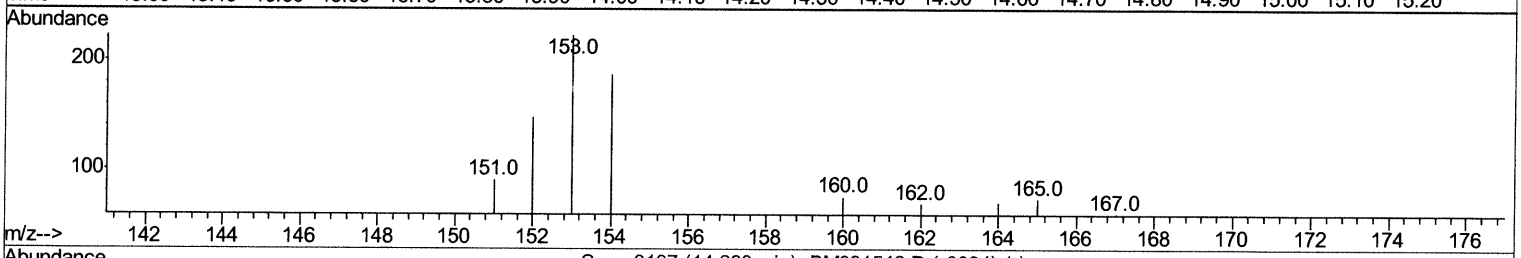
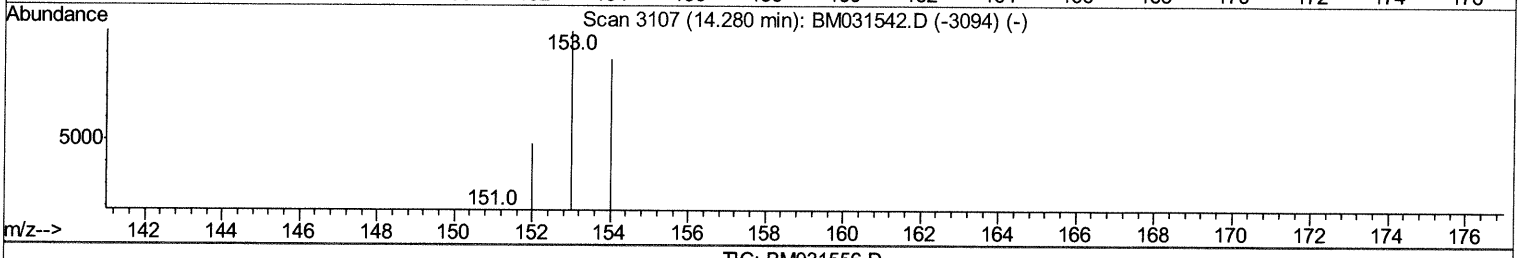
Instrument :
BNA_M
ClientSampleId :
C0086DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:50 PM







TIC: BM031556.D

(11) Acenaphthene (C)

14.277min (-0.007) 0.04ng/ul m

response 397

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	66.22#
154.00	87.70	83.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031556.D
Acq On : 07 Aug 2021 17:54
Operator : CG/JU
Sample : M3124-03DL 5X
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Aug 08 08:28:09 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 : Fri Aug 06 18:39:21 2021
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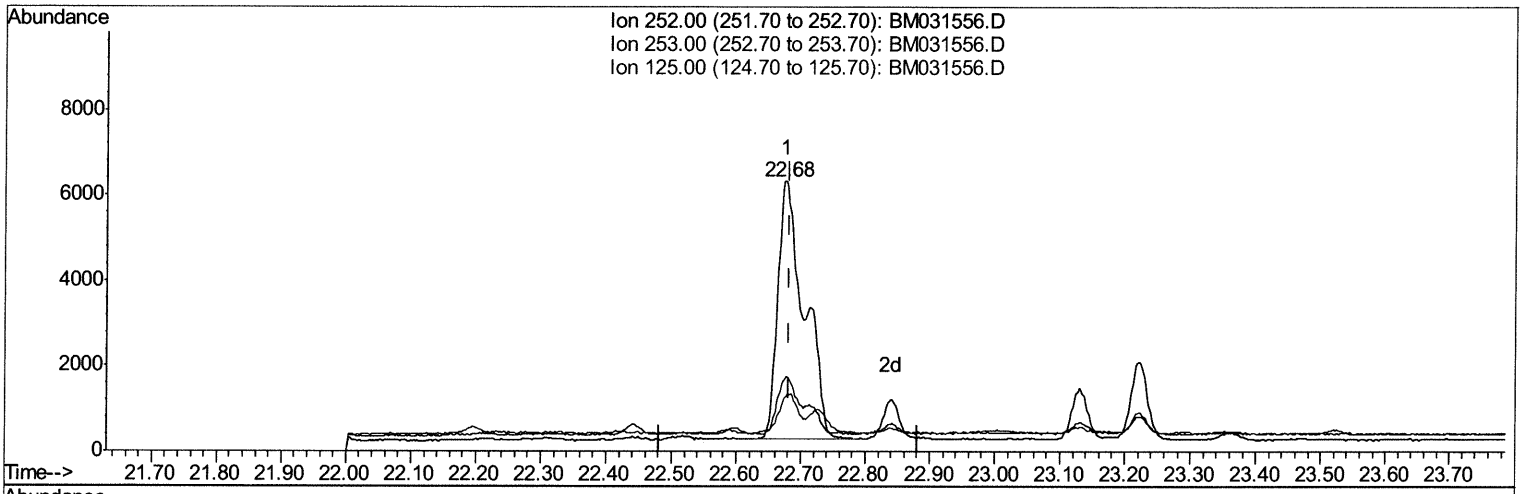
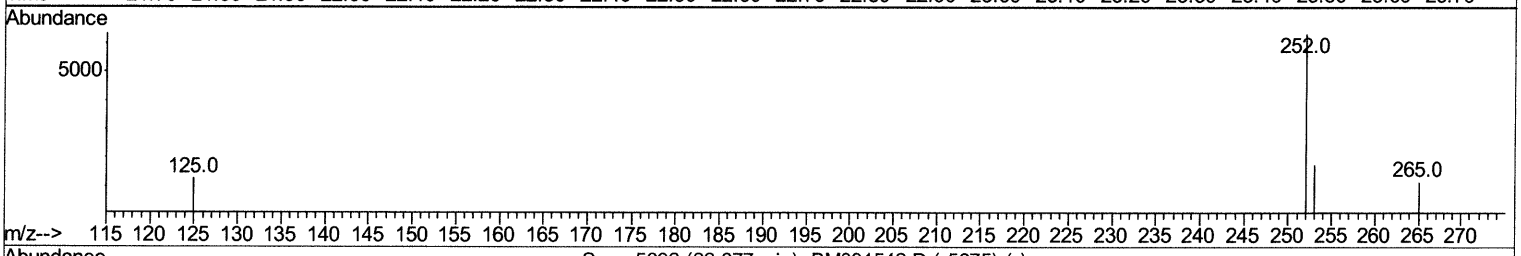
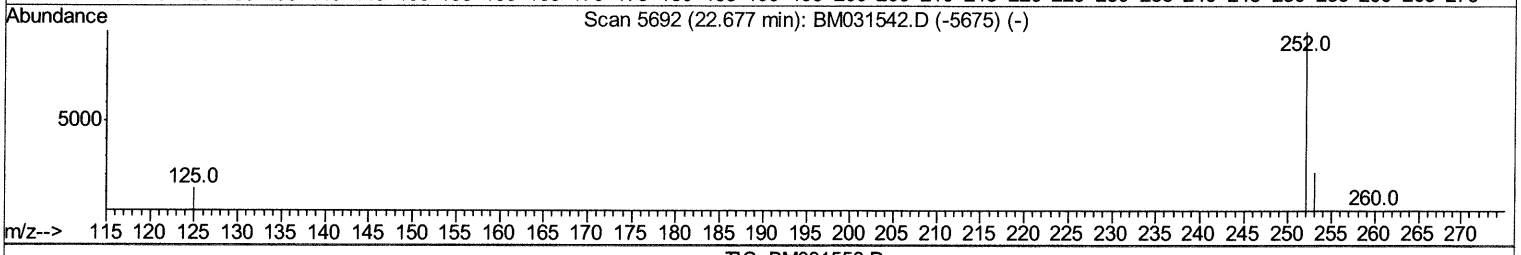
Instrument :
BNA_M
ClientSampleId :
C0086DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:50 PM







TIC: BM031556.D

(24) Benzo(b)fluoranthene

22.677min (-0.005) 0.82ng/ul

response 17401

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.69
125.00	11.40	20.42
0.00	0.00	0.00

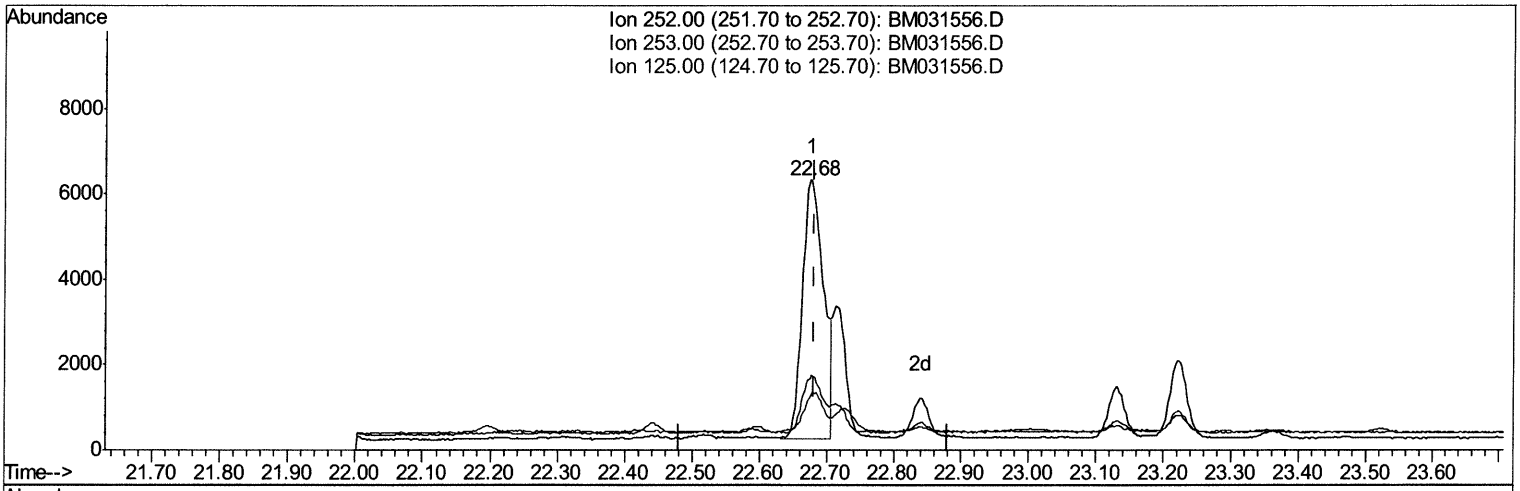
Quantitation Report (Qedit)

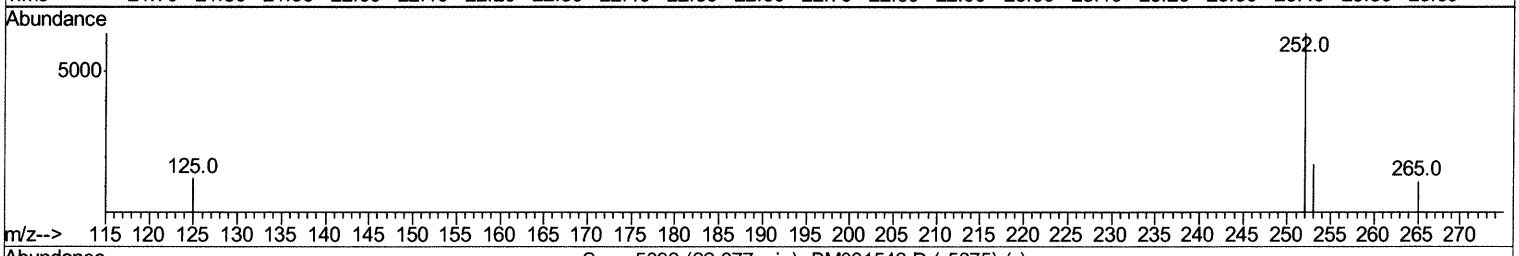
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031556.D
Acq On : 07 Aug 2021 17:54
Operator : CG/JU
Sample : M3124-03DL 5X
Misc :
ALS Vial : 82 Sample Multiplier: 1

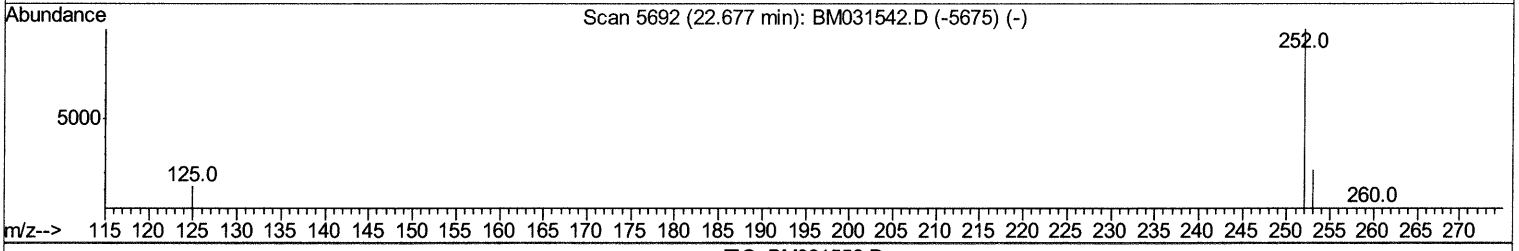
Quant Time: Aug 08 08:28:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:50 PM







TIC: BM031556.D

(24) Benzo(b)fluoranthene

22.677min (-0.005) 0.62ng/ul m JU 8/11/21

response 13208

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.69
125.00	11.40	20.42
0.00	0.00	0.00

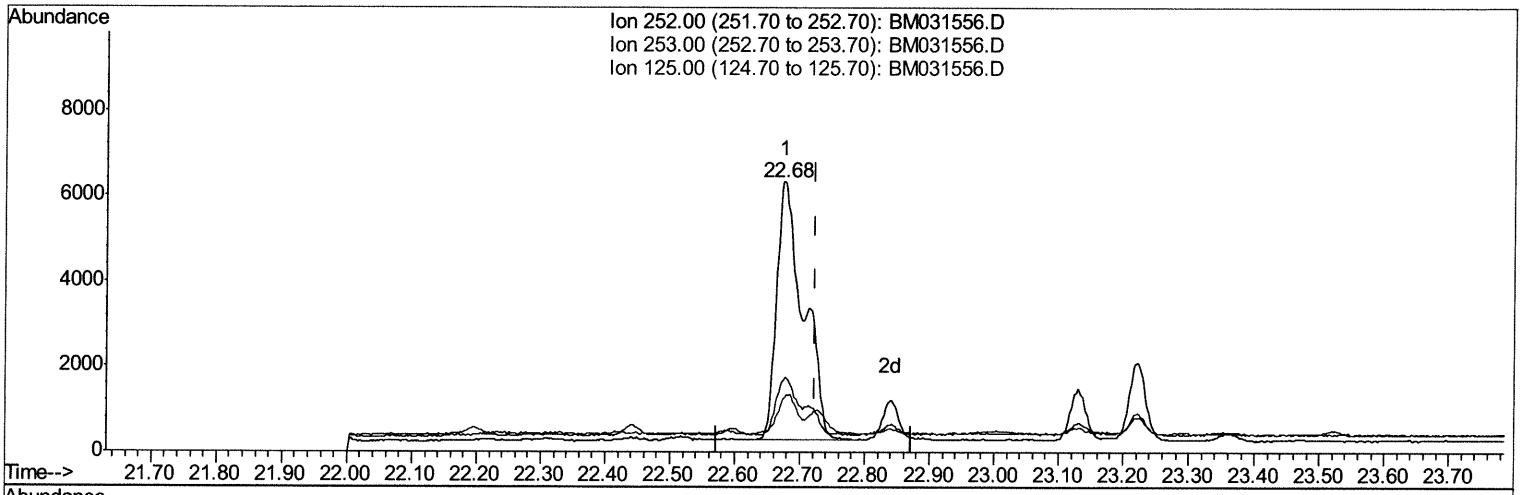
Quantitation Report (Qedit)

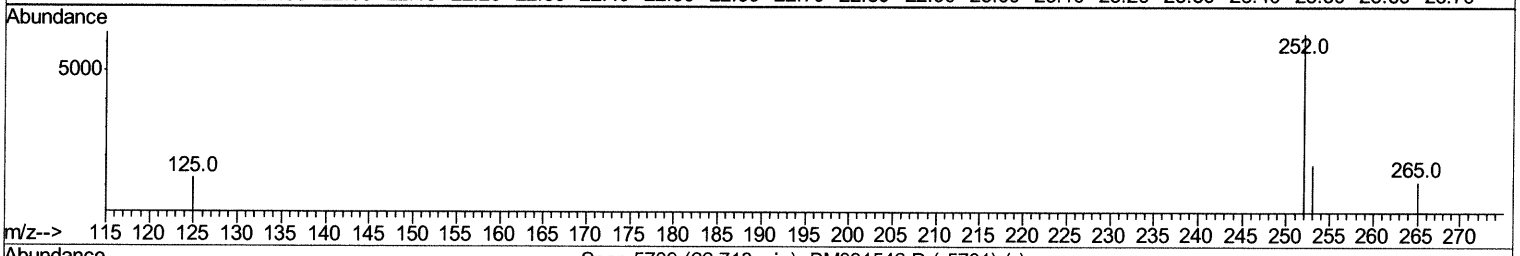
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031556.D
Acq On : 07 Aug 2021 17:54
Operator : CG/JU
Sample : M3124-03DL 5X
Misc :
ALS Vial : 82 Sample Multiplier: 1

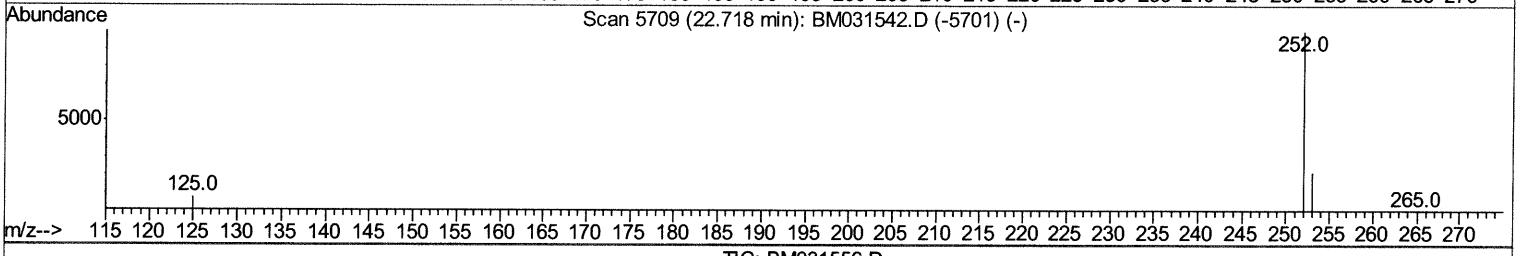
Quant Time: Aug 08 08:30:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:50 PM







TIC: BM031556.D

(25) Benzo(k)fluoranthene

22.677min (-0.046) 0.79ng/ul

response 17401

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.69
125.00	11.00	20.42#
0.00	0.00	0.00

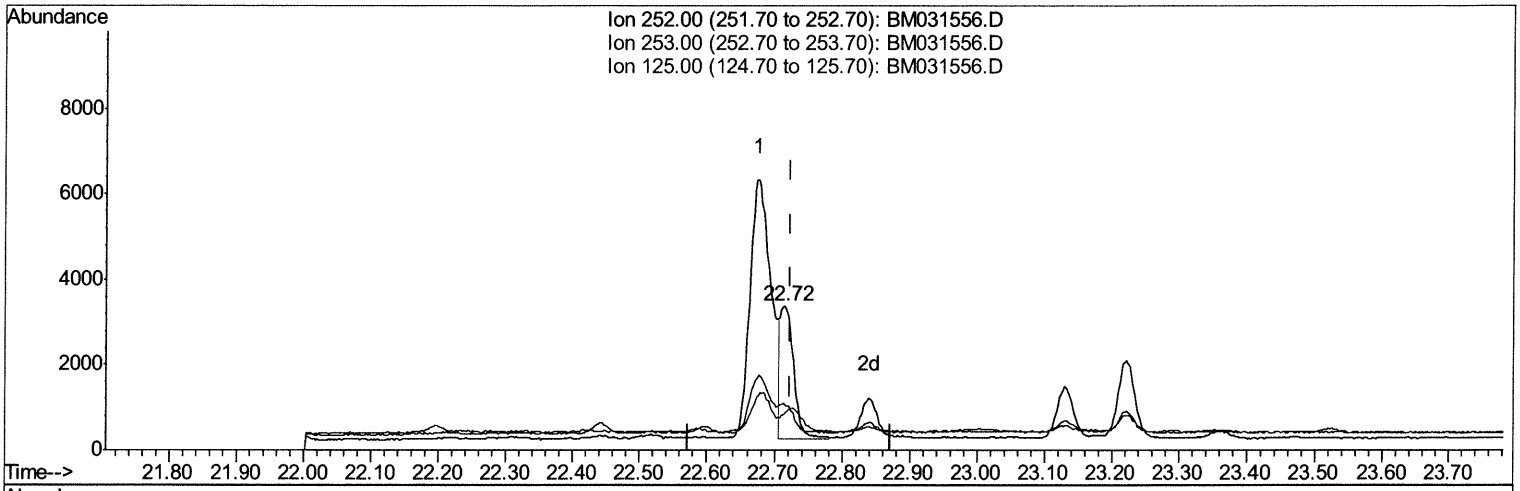
Quantitation Report (Qedit)

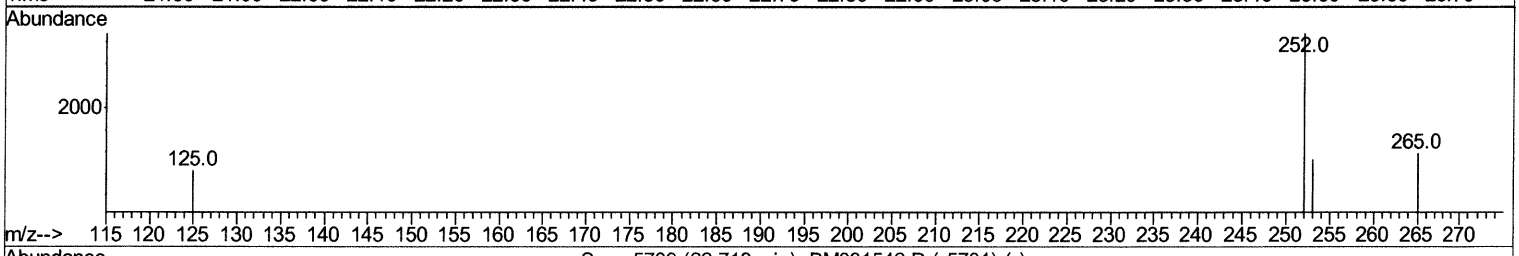
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031556.D
Acq On : 07 Aug 2021 17:54
Operator : CG/JU
Sample : M3124-03DL 5X
Misc :
ALS Vial : 82 Sample Multiplier: 1

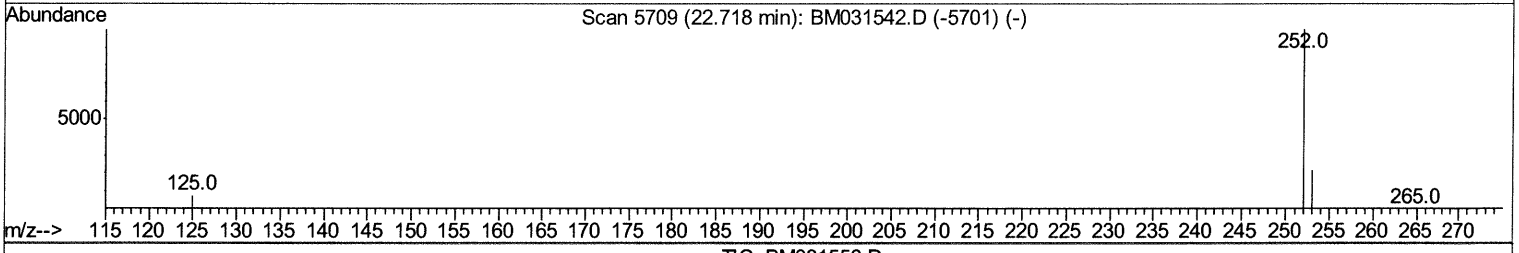
Quant Time: Aug 08 08:30:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:50 PM







TIC: BM031556.D

(25) Benzo(k)fluoranthene

22.716min (-0.007) 0.20ng/ul m JU 8/11/21

response 4351

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.33
125.00	11.00	25.24#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031556.D
Acq On : 07 Aug 2021 17:54
Operator : CG/JU
Sample : M3124-03DL 5X
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0086DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:50 PM

Quant Time: Aug 08 08:30:56 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 : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1480	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	5440	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	3018	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5709	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4745	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4735	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	791	0.48	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	264	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	503	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.40	128	1771	0.109	ng/ul#	93
7) 2-Methylnaphthalene	12.02	142	3461	0.313	ng/ul	100
8) 1-Methylnaphthalene	12.24	142	2147	0.196	ng/ul	99
10) Acenaphthylene	13.94	152	1859	0.145	ng/ul#	91
11) Acenaphthene	14.28	153	397m	0.037	ng/ul	94
12) Fluorene	15.27	166	1196	0.096	ng/ul#	89
15) Phenanthrene	17.01	178	27893	1.539	ng/ul	99
16) Anthracene	17.10	178	3627	0.214	ng/ul	97
19) Fluoranthene	19.03	202	30860	1.523	ng/ul#	96
20) Pyrene	19.39	202	16154	0.786	ng/ul#	95
21) Benzo(a)anthracene	21.14	228	10367	0.541	ng/ul	93
22) Chrysene	21.20	228	13478	0.680	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	13208m	0.619	ng/ul	
25) Benzo(k)fluoranthene	22.72	252	4351m	0.197	ng/ul	
26) Benzo(a)pyrene	23.22	252	3200	0.171	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.45	276	3145	0.130	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.46	278	1499	0.077	ng/ul#	47

JU 8/11/21

JU 8/11/21

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