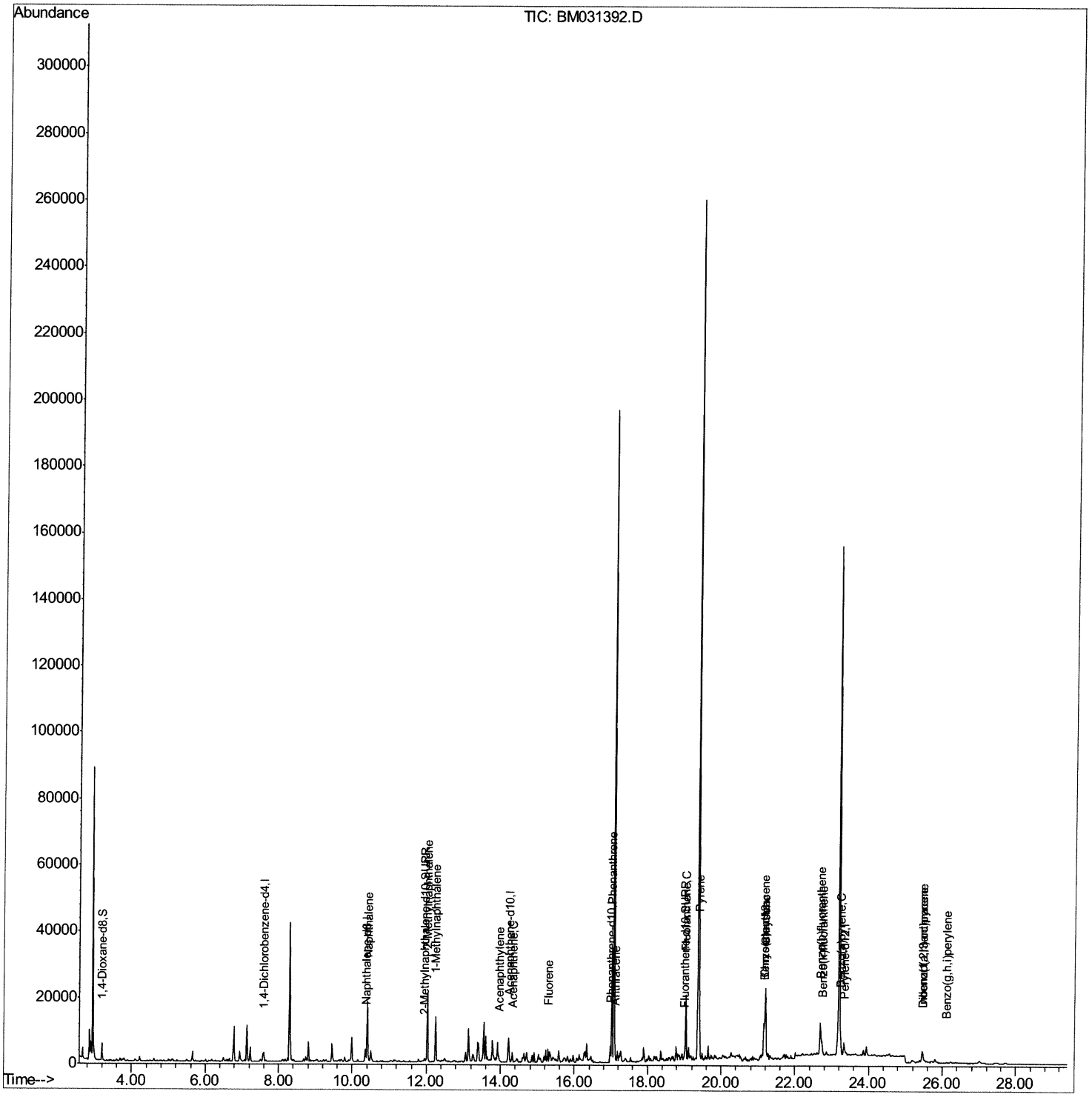
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031392.D
Acq On : 03 Aug 2021 01:20
Operator : CG/JU
Sample : M3123-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 03:26:56 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 : Tue Aug 03 02:07:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0068

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:05 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031392.D
Acq On : 03 Aug 2021 01:20
Operator : CG/JU
Sample : M3123-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 03:15:41 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 : Tue Aug 03 02:07:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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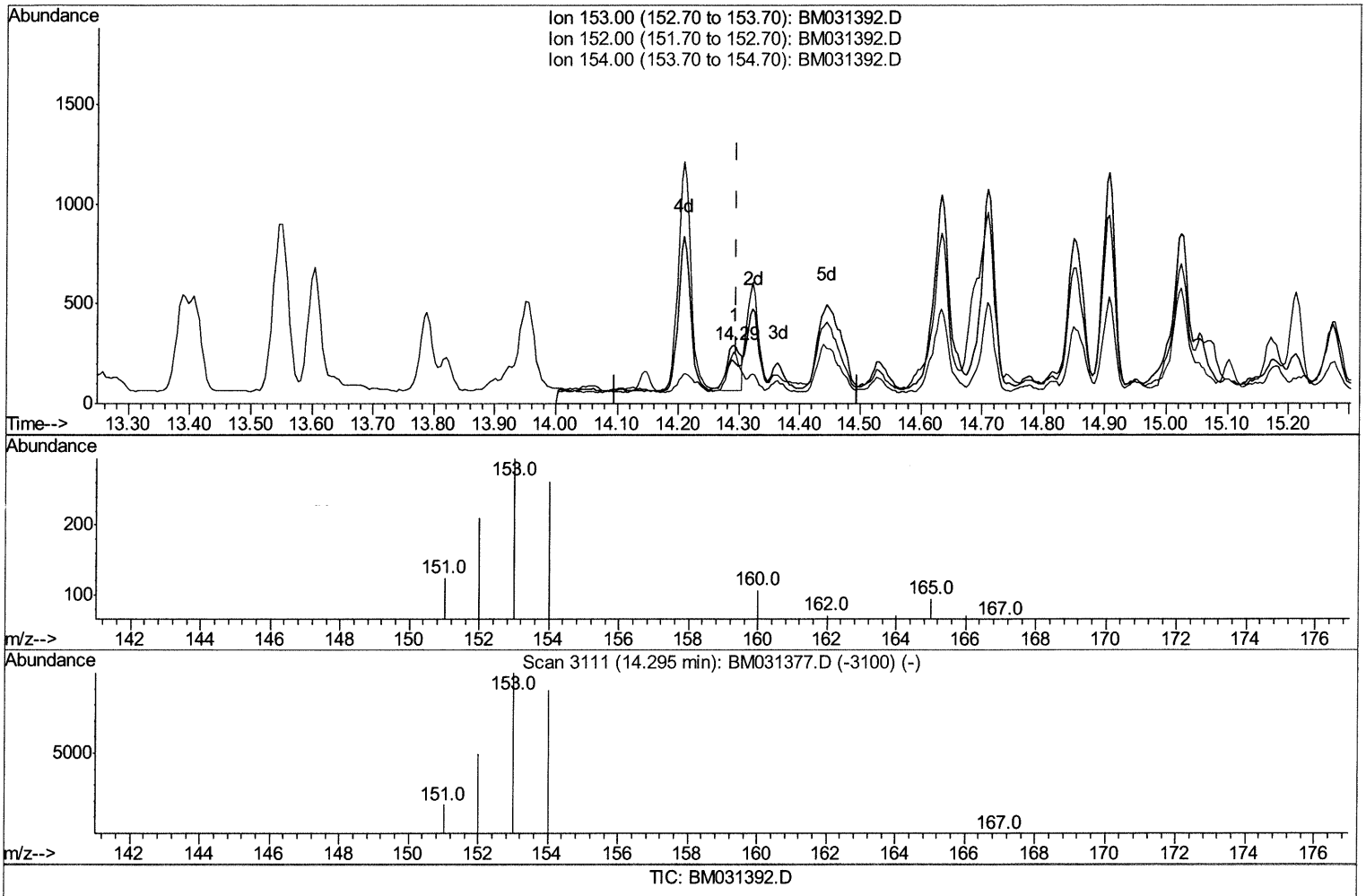
Manual Integrations APPROVED
mohammad
8/3/2021 11:51:05 AM



TIC: BM031392.D

(11) Acenaphthene (C)

14.292min (-0.004) 0.03ng/ul

response 352

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	71.19#
154.00	87.70	88.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
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Acq On : 03 Aug 2021 01:20
Operator : CG/JU
Sample : M3123-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

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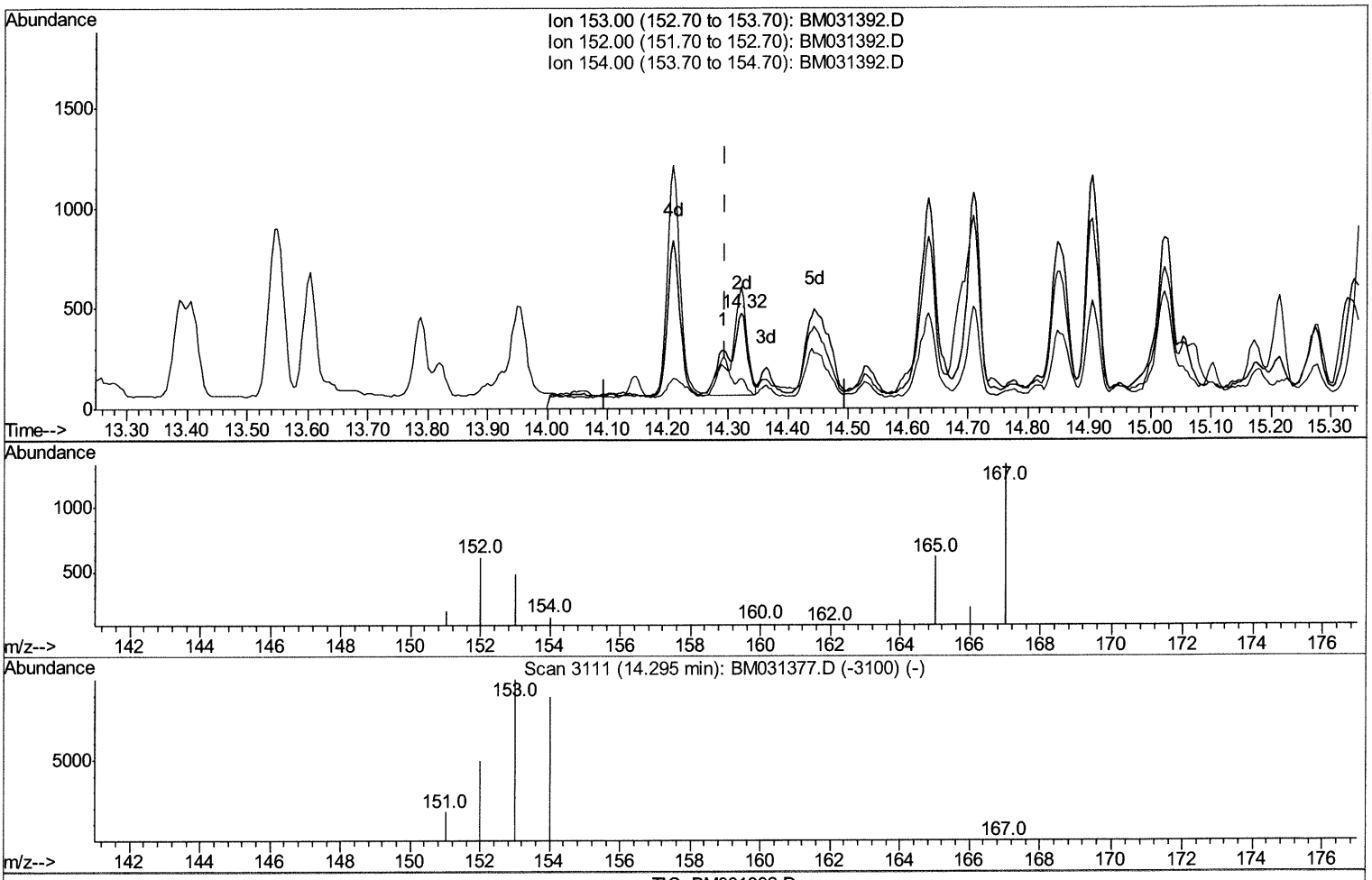
ClientSampleId :
C0068

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:05 AM



TIC: BM031392.D

(11) Acenaphthene (C)

14.322min (+0.027) 0.09ng/ul m 08/04/21 JU

response 946

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	128.21#
154.00	87.70	31.58#
0.00	0.00	0.00

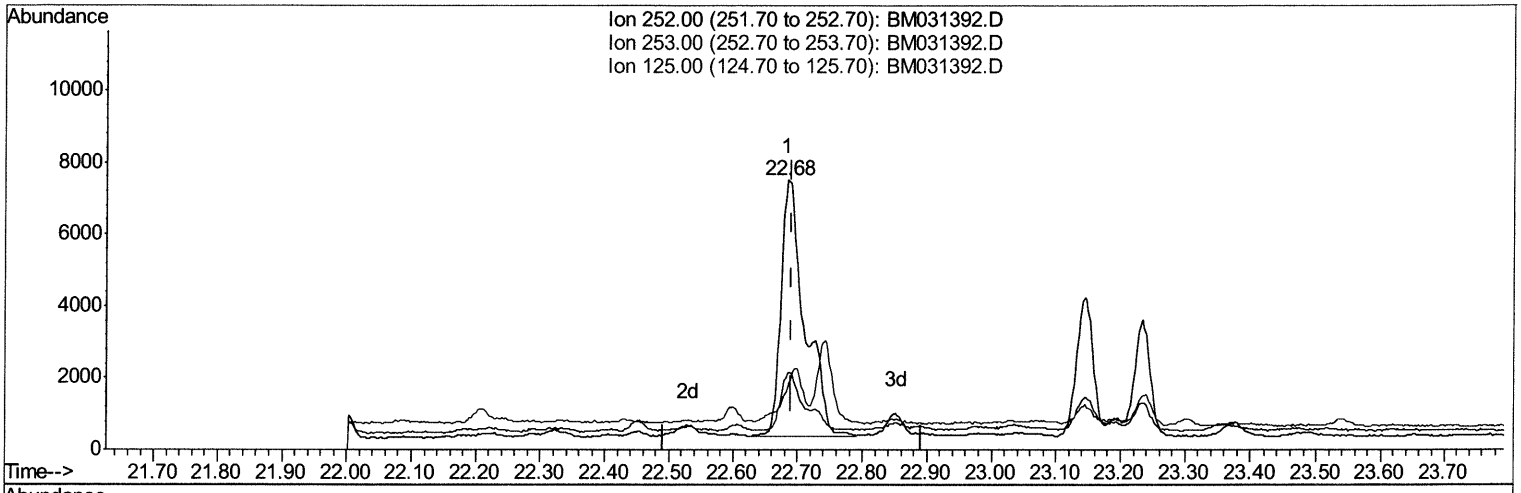
Quantitation Report (Qedit)

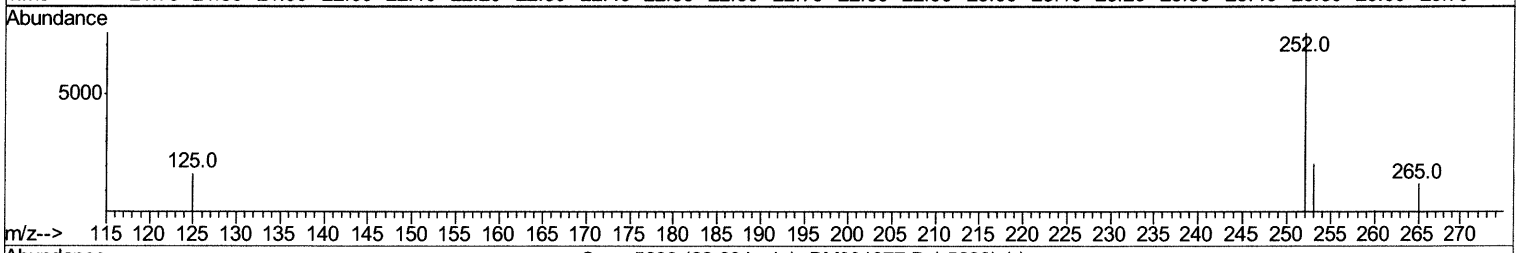
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031392.D
Acq On : 03 Aug 2021 01:20
Operator : CG/JU
Sample : M3123-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

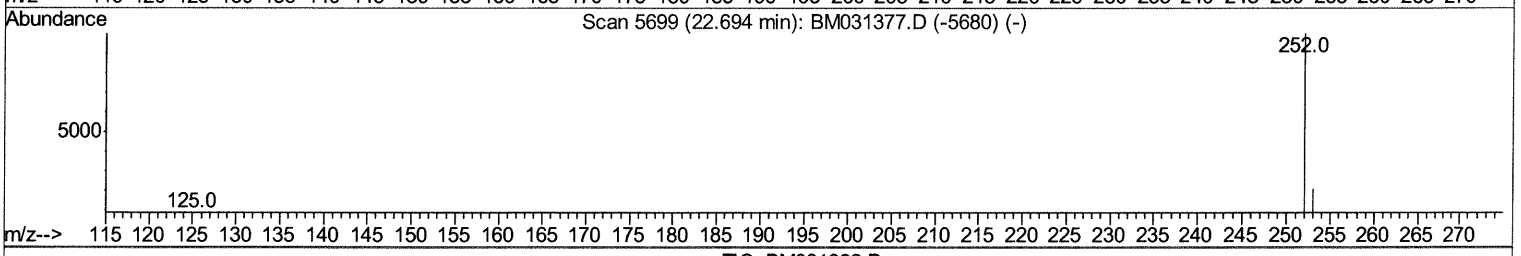
Quant Time: Aug 03 03:22:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 02:07:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0068

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:05 AM







TIC: BM031392.D

(24) Benzo(b)fluoranthene

22.684min (-0.007) 0.95ng/ul

response 18125

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.35
125.00	11.40	22.82#
0.00	0.00	0.00

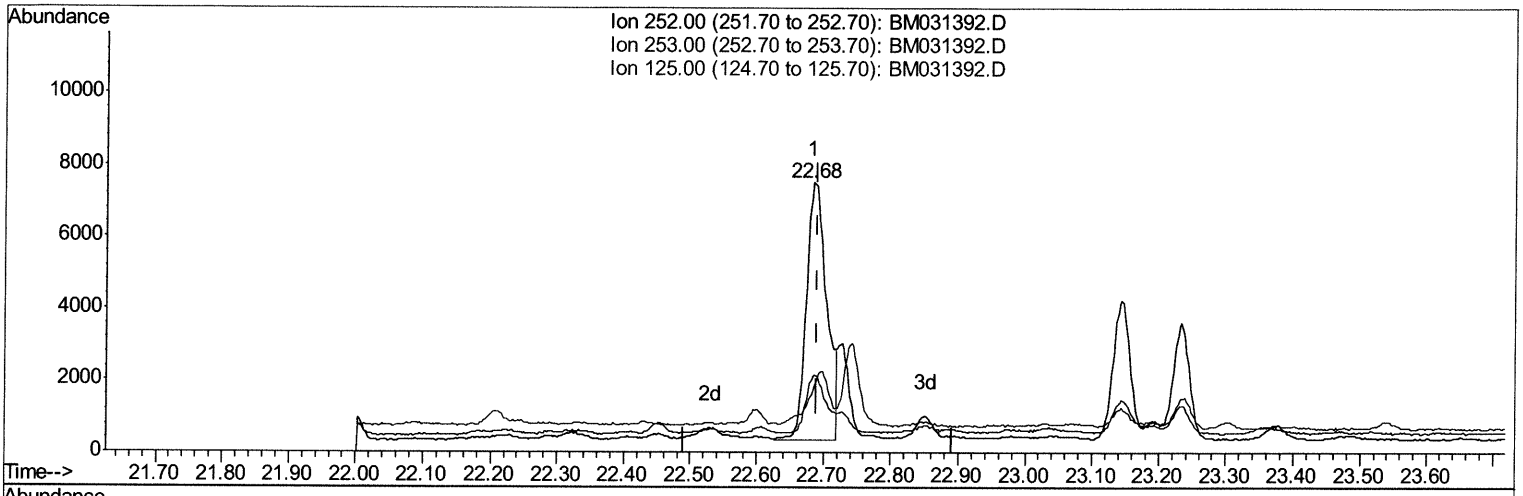
Quantitation Report (Qedit)

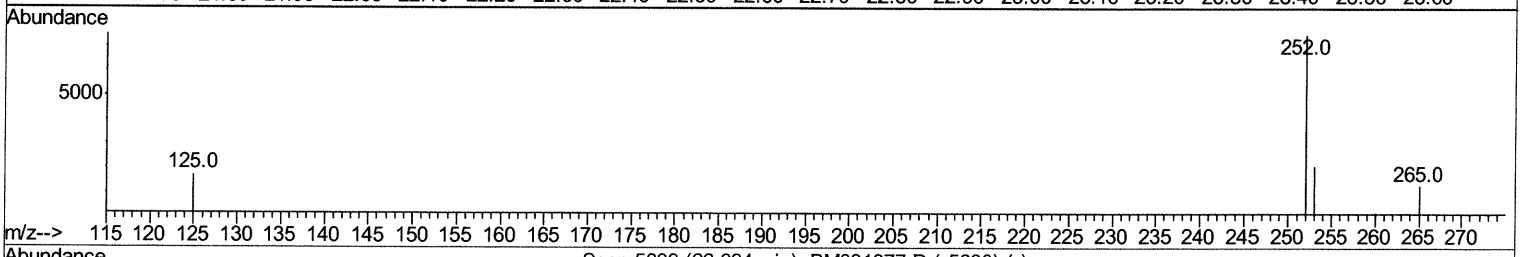
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031392.D
Acq On : 03 Aug 2021 01:20
Operator : CG/JU
Sample : M3123-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

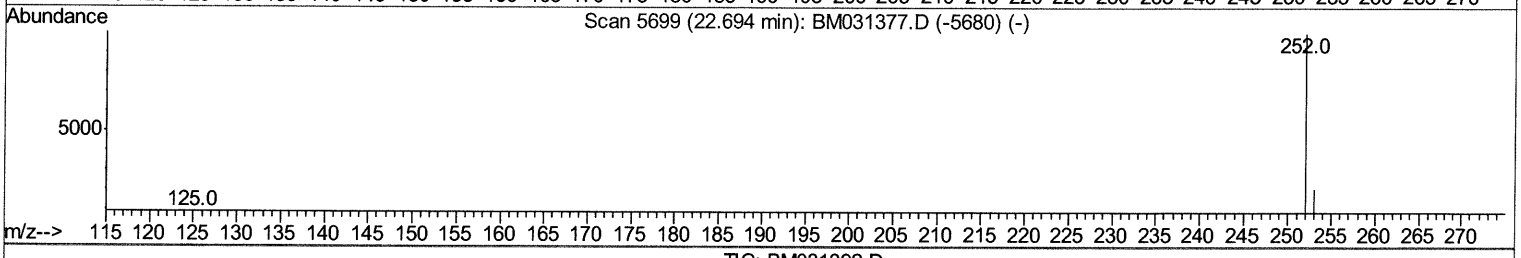
Quant Time: Aug 03 03:22:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 02:07:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0068

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:05 AM







TIC: BM031392.D

(24) Benzo(b)fluoranthene

22.684min (-0.007) 0.78ng/ul m 08/04/21 JU

response 14865

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.35
125.00	11.40	22.82#
0.00	0.00	0.00

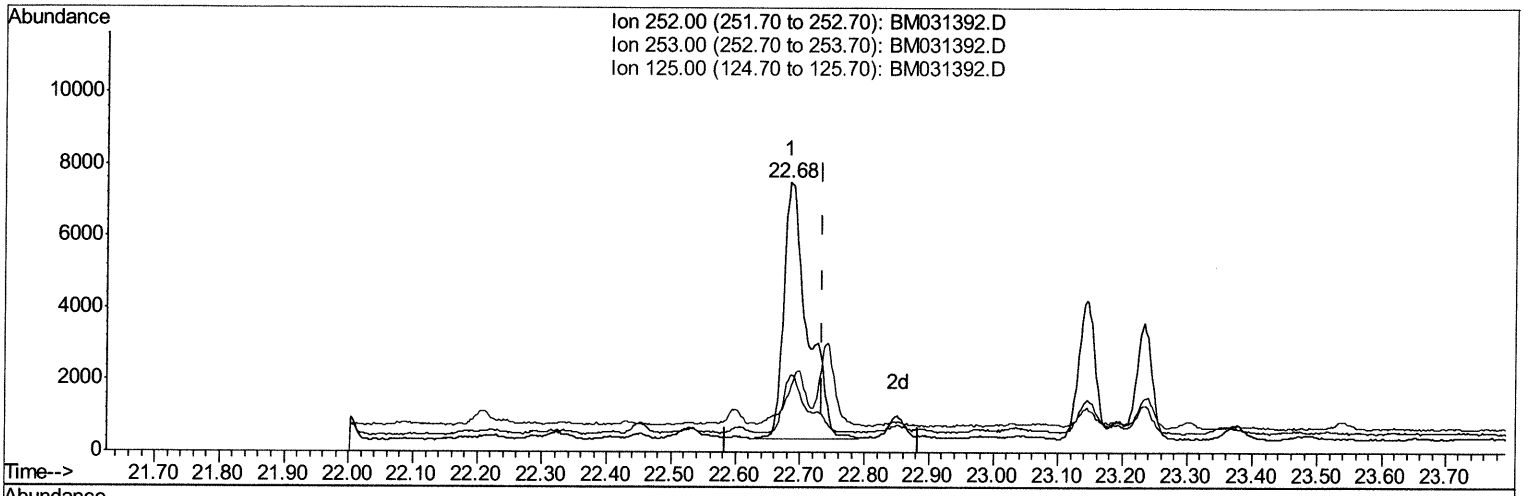
Quantitation Report (Qedit)

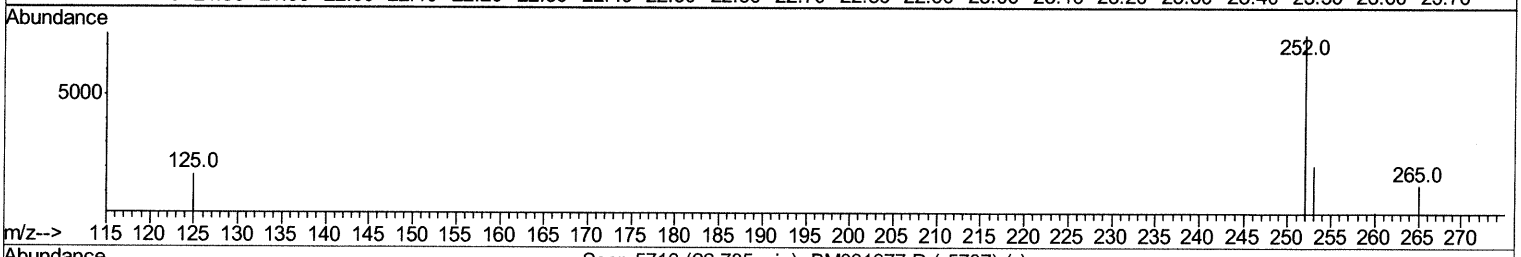
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031392.D
Acq On : 03 Aug 2021 01:20
Operator : CG/JU
Sample : M3123-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

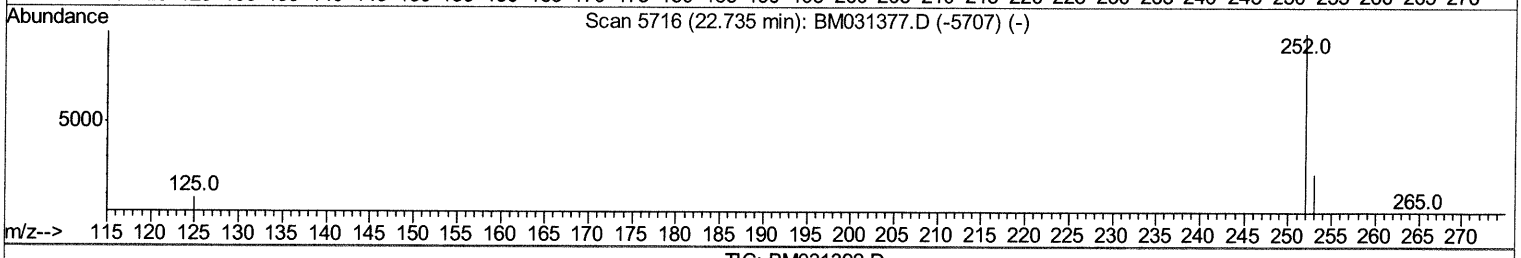
Quant Time: Aug 03 03:25:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 02:07:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0068

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:05 AM







TIC: BM031392.D

(25) Benzo(k)fluoranthene

22.684min (-0.051) 0.92ng/ul

response 18125

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.35
125.00	11.00	22.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031392.D
Acq On : 03 Aug 2021 01:20
Operator : CG/JU
Sample : M3123-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 03:25:52 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 : Tue Aug 03 02:07:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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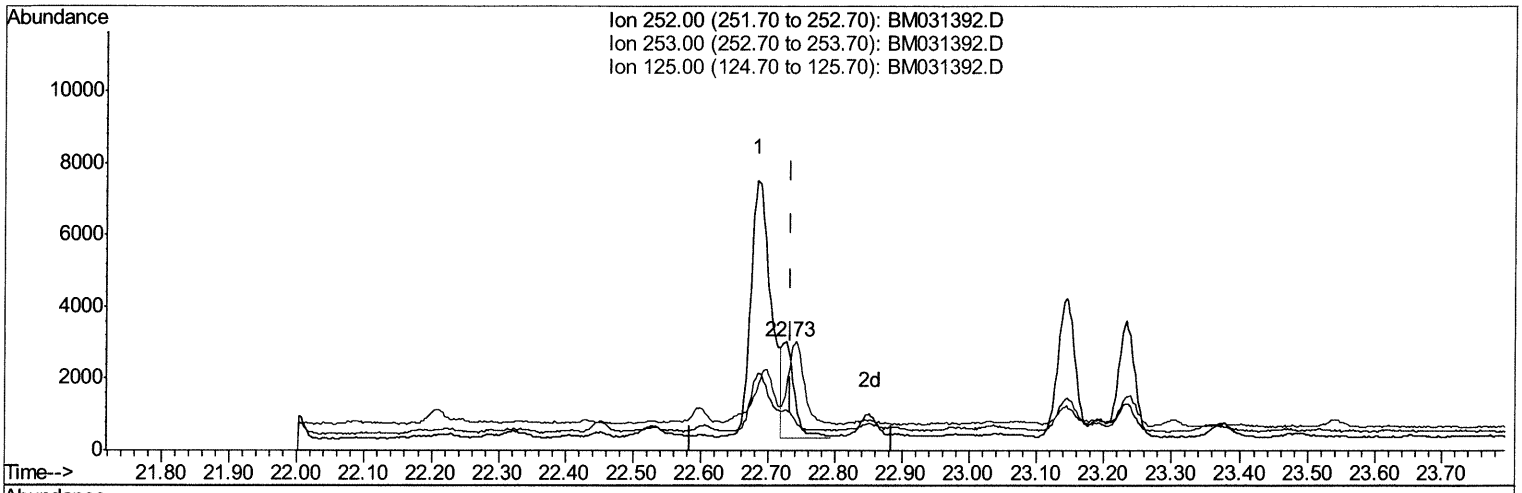
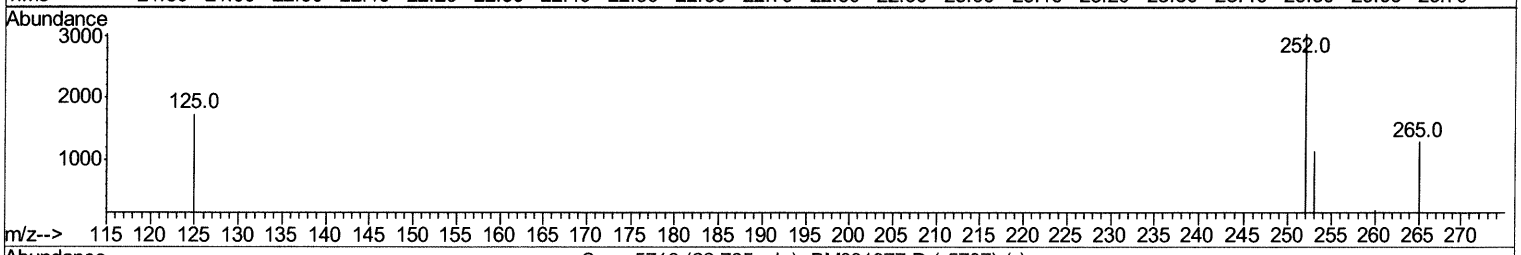
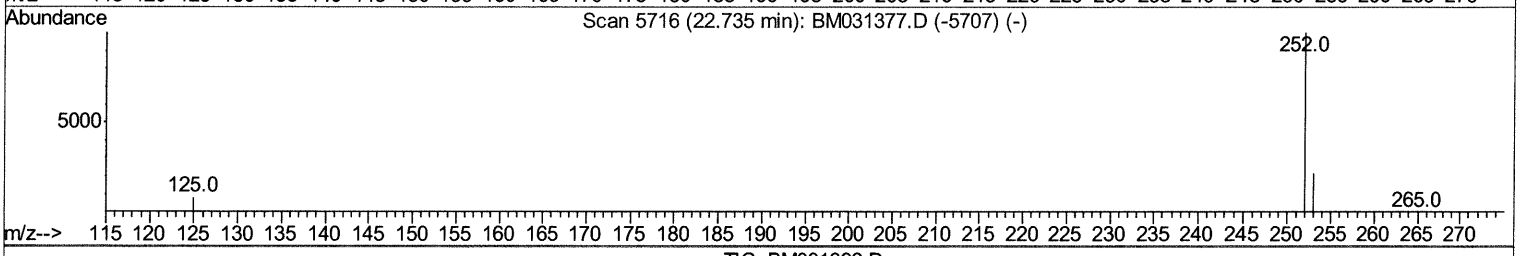
Manual Integrations APPROVED
mohammad
8/3/2021 11:51:05 AM







TIC: BM031392.D

(25) Benzo(k)fluoranthene

22.728min (-0.007) 0.18ng/ul m 08/04/21 JCJ

response 3539

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	37.40#
125.00	11.00	57.17#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031392.D
Acq On : 03 Aug 2021 01:20
Operator : CG/JU
Sample : M3123-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0068

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:05 AM

Quant Time: Aug 03 03:26:56 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 : Tue Aug 03 02:07:36 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1201	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	4848	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3102	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	5827	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	4501	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	4235	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	3257	2.44	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1353	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	3121	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	6982	0.483	ng/ul	99
7) 2-Methylnaphthalene	12.03	142	14212	1.441	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	8941	0.917	ng/ul	99
10) Acenaphthylene	13.95	152	978	0.074	ng/ul#	72
11) Acenaphthene	14.32	153	946m>	0.085	ng/ul>	08/04/21 JU
12) Fluorene	15.29	166	1459	0.114	ng/ul#	67
15) Phenanthrene	17.02	178	36455	1.970	ng/ul	98
16) Anthracene	17.11	178	1071	0.062	ng/ul#	82
19) Fluoranthene	19.04	202	17728	0.922	ng/ul#	94
20) Pyrene	19.40	202	17098	0.877	ng/ul#	93
21) Benzo(a)anthracene	21.15	228	7511	0.413	ng/ul#	78
22) Chrysene	21.20	228	23869	1.269	ng/ul#	93
24) Benzo(b)fluoranthene	22.68	252	14865m>	0.779	ng/ul>	08/04/21 JU
25) Benzo(k)fluoranthene	22.73	252	3539m>	0.180	ng/ul>	
26) Benzo(a)pyrene	23.23	252	5438	0.325	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.46	276	4787	0.222	ng/ul#	78
28) Dibenzo(a,h)anthracene	25.47	278	1899	0.109	ng/ul#	31
29) Benzo(g,h,i)perylene	26.12	276	612	0.033	ng/ul#	25

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