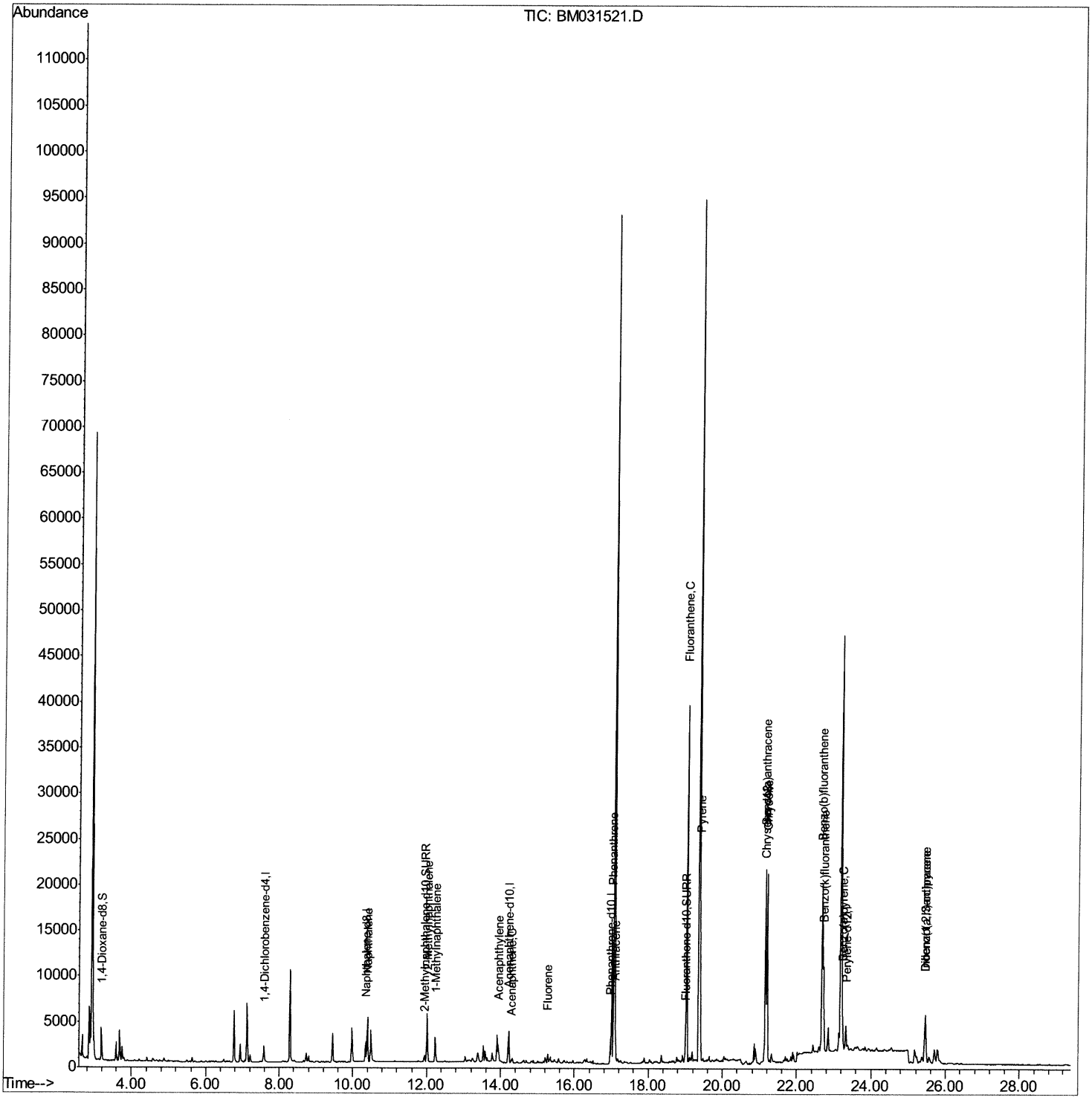
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031521.D
Acq On : 06 Aug 2021 18:28
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 09 06:02:46 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 : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:23 PM



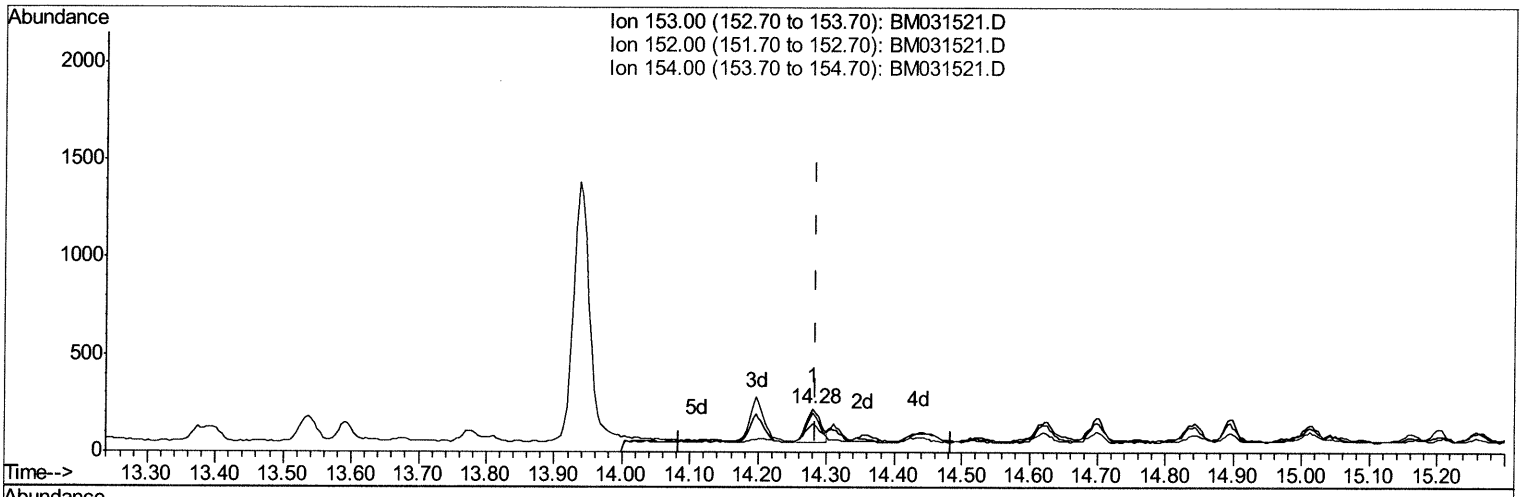
Quantitation Report (Qedit)

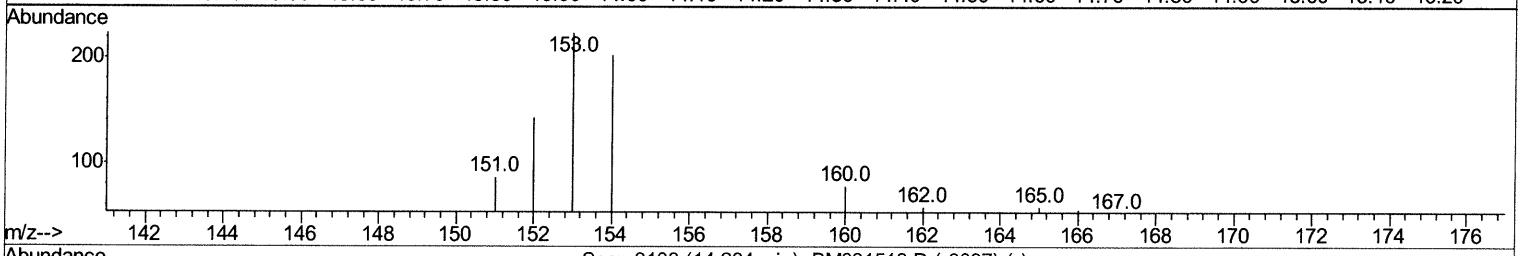
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031521.D
Acq On : 06 Aug 2021 18:28
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

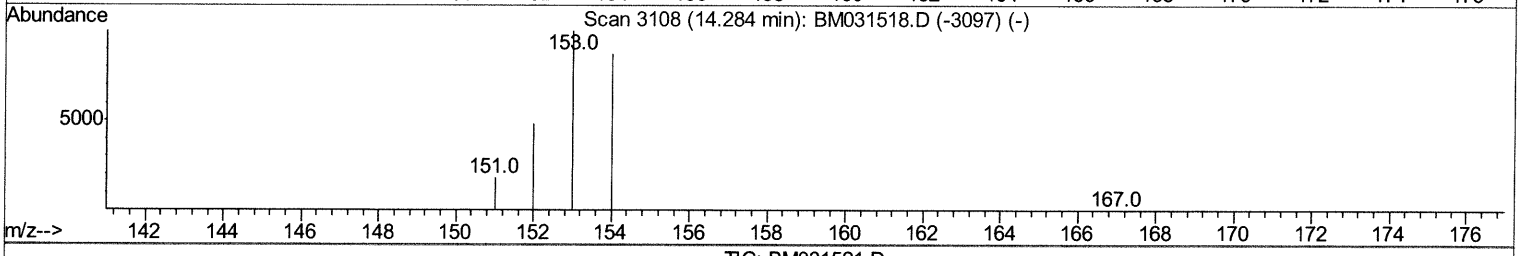
Quant Time: Aug 07 03:07:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:23 PM







TIC: BM031521.D

(11) Acenaphthene (C)

14.281min (-0.004) 0.04ng/ul

response 246

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	64.13#
154.00	87.70	90.58
0.00	0.00	0.00

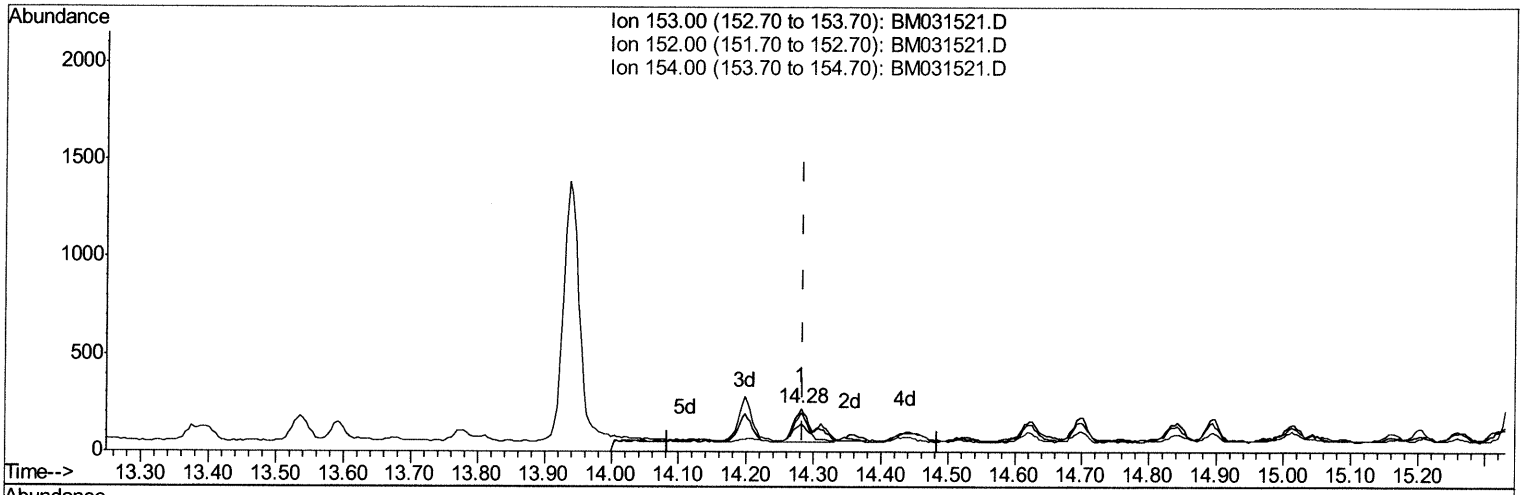
Quantitation Report (Qedit)

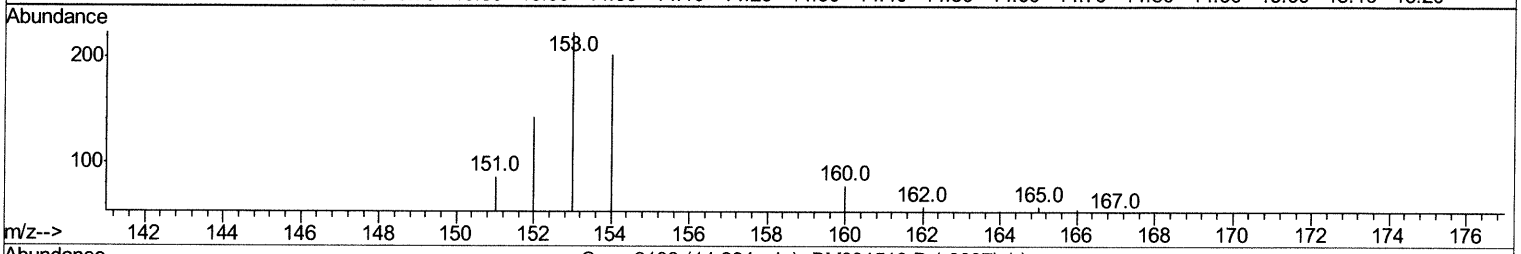
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031521.D
Acq On : 06 Aug 2021 18:28
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

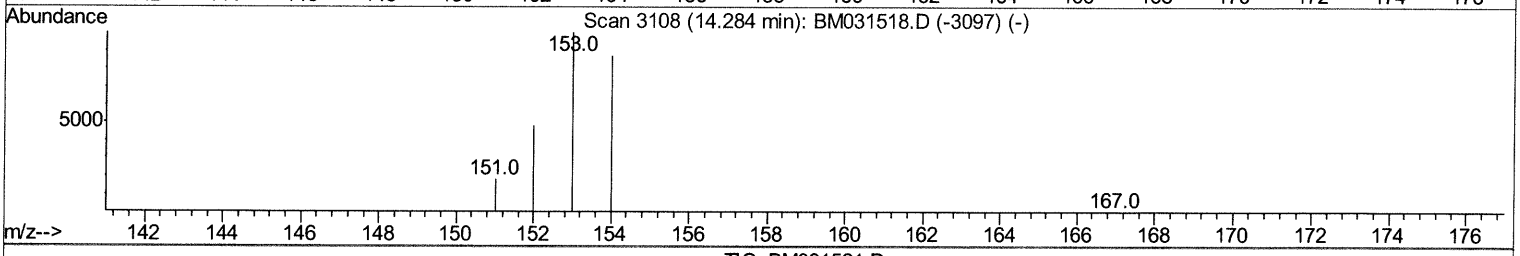
Quant Time: Aug 07 03:07:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:23 PM







TIC: BM031521.D

(11) Acenaphthene (C)

14.281min (-0.004) 0.05ng/ul m

response 326

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	64.13#
154.00	87.70	90.58
0.00	0.00	0.00

8/9/21

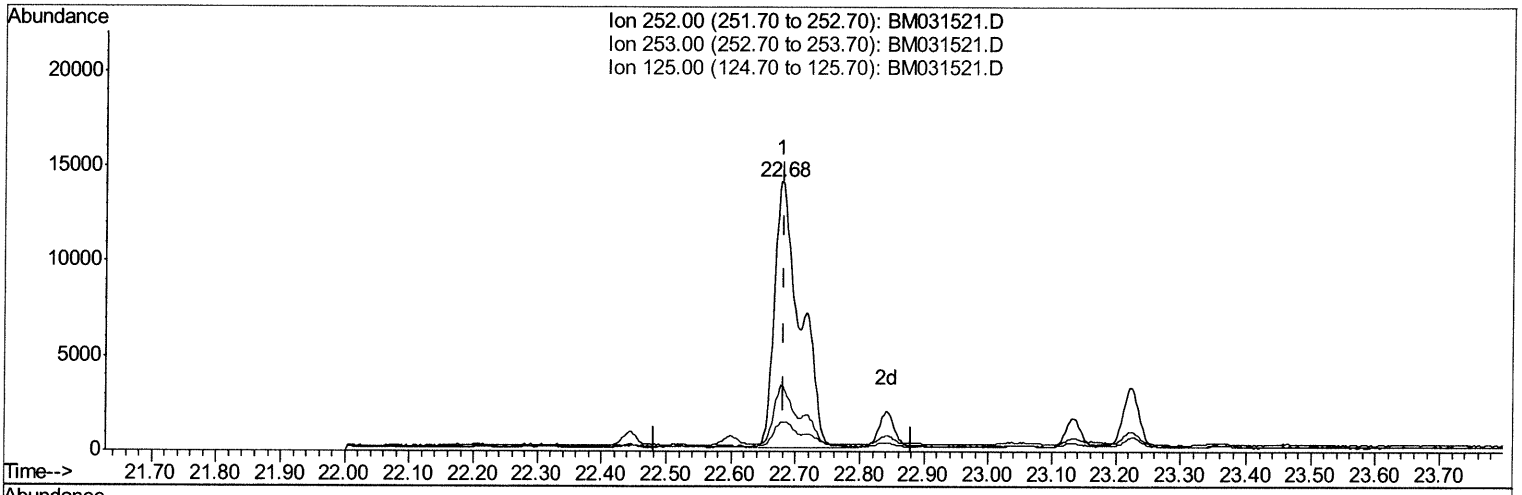
Quantitation Report (Qedit)

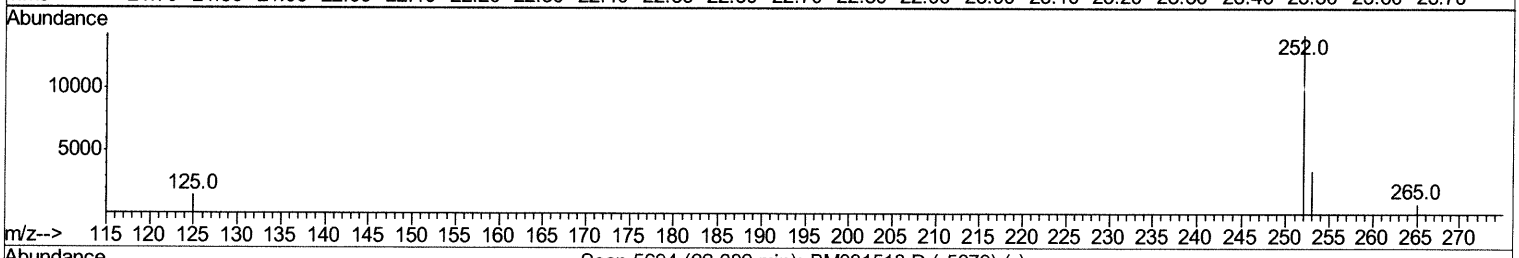
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031521.D
Acq On : 06 Aug 2021 18:28
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

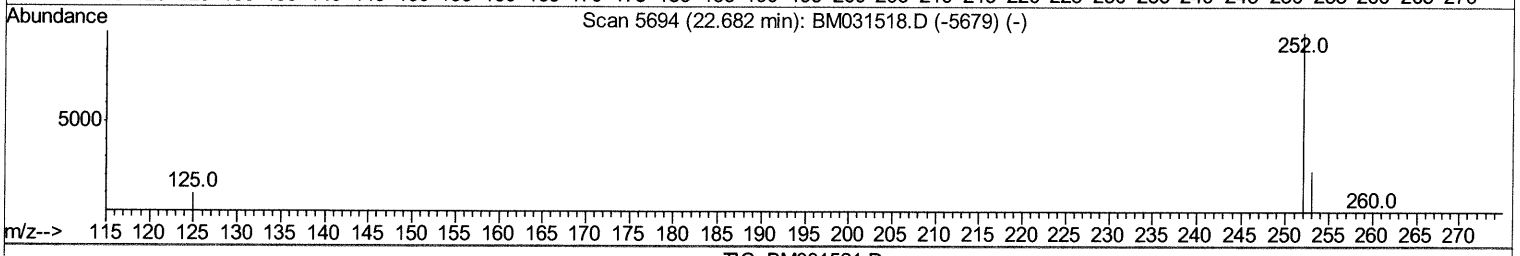
Quant Time: Aug 07 03:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:23 PM







TIC: BM031521.D

(24) Benzo(b)fluoranthene

22.677min (-0.005) 2.54ng/ul

response 38888

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.43
125.00	11.40	10.75
0.00	0.00	0.00

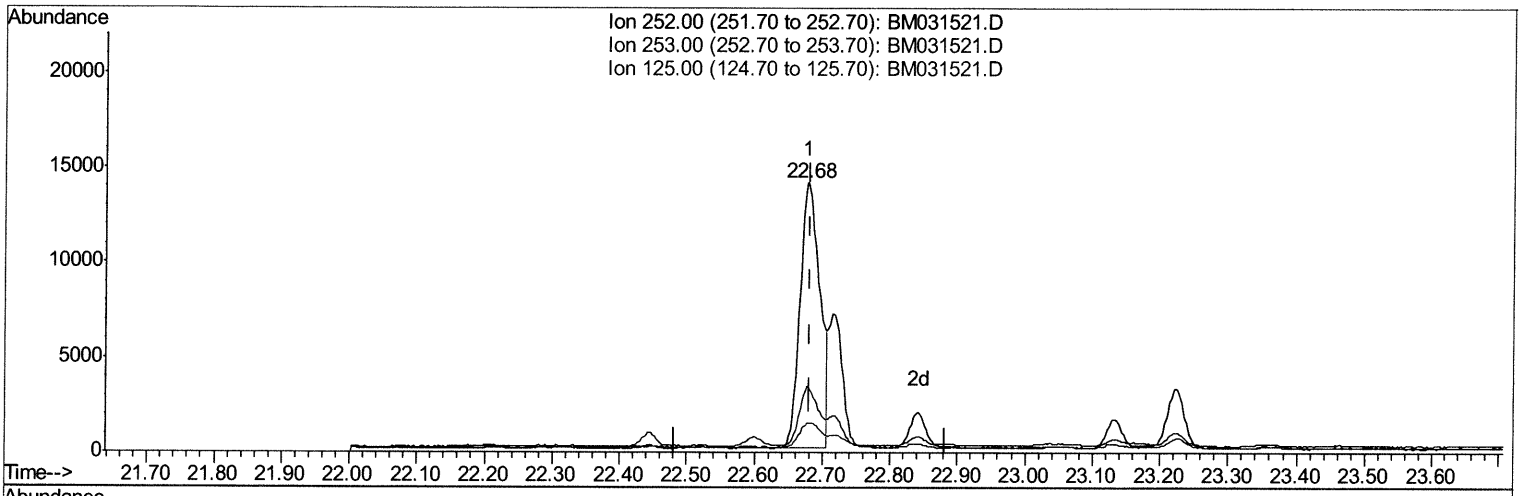
Quantitation Report (Qedit)

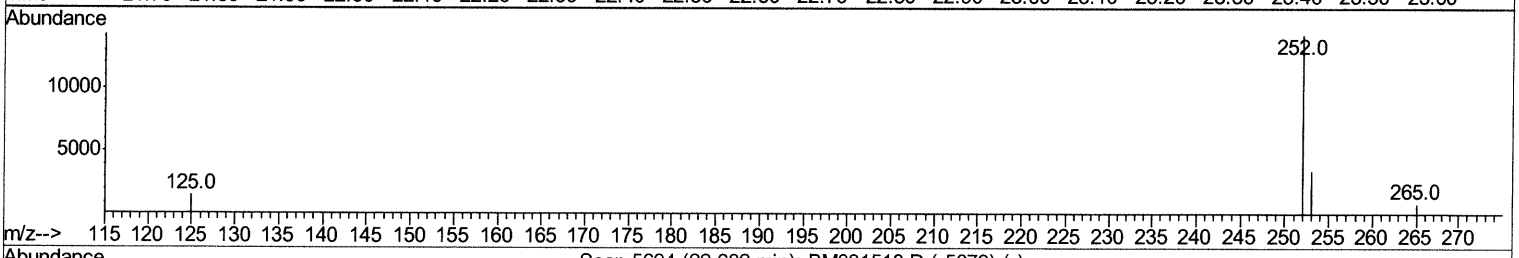
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031521.D
Acq On : 06 Aug 2021 18:28
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

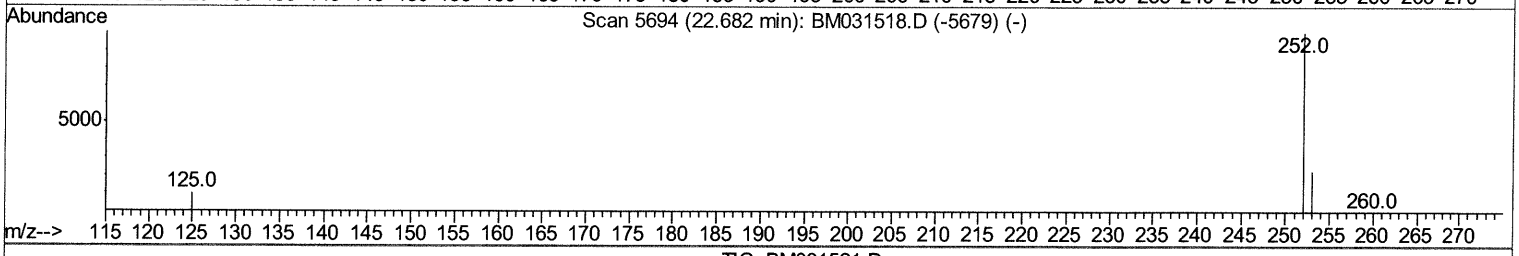
Quant Time: Aug 07 03:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:23 PM







TIC: BM031521.D

(24) Benzo(b)fluoranthene

22.677min (-0.005) 1.87ng/ul m

response 28557

JU 8/11/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.43
125.00	11.40	10.75
0.00	0.00	0.00

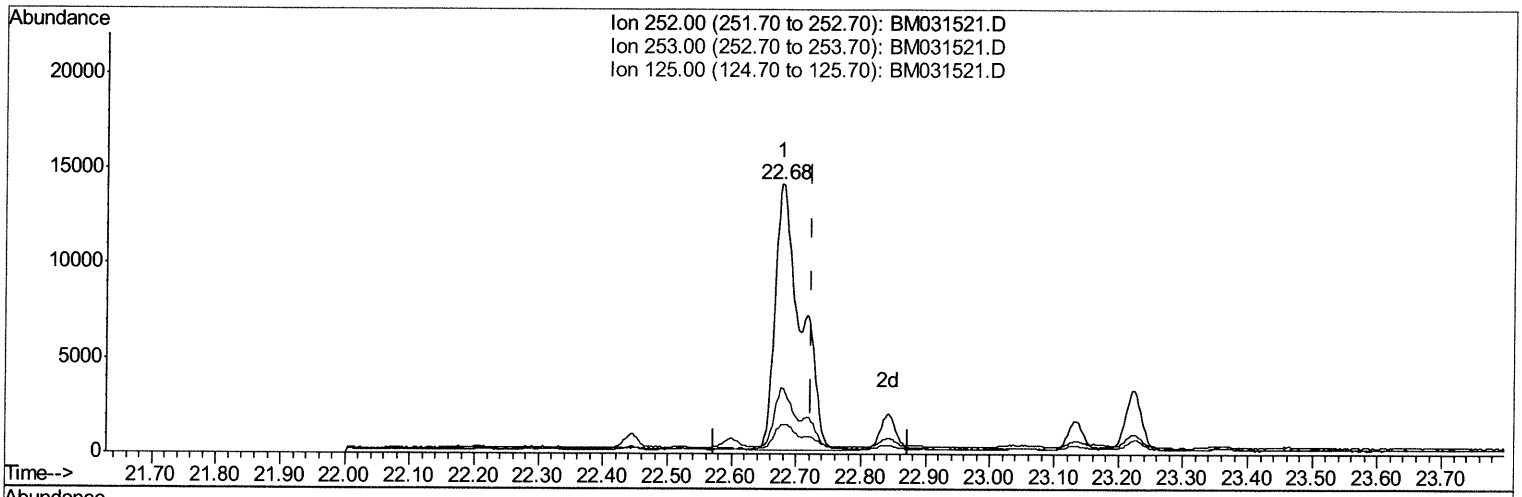
Quantitation Report (Qedit)

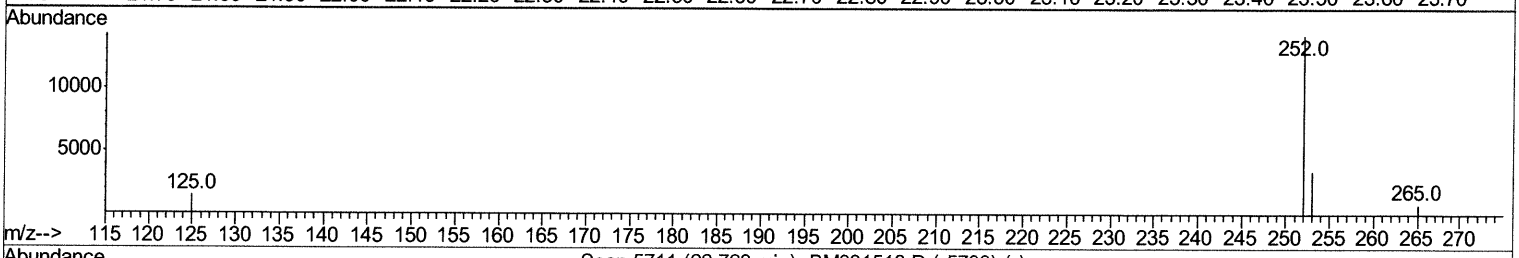
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031521.D
Acq On : 06 Aug 2021 18:28
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

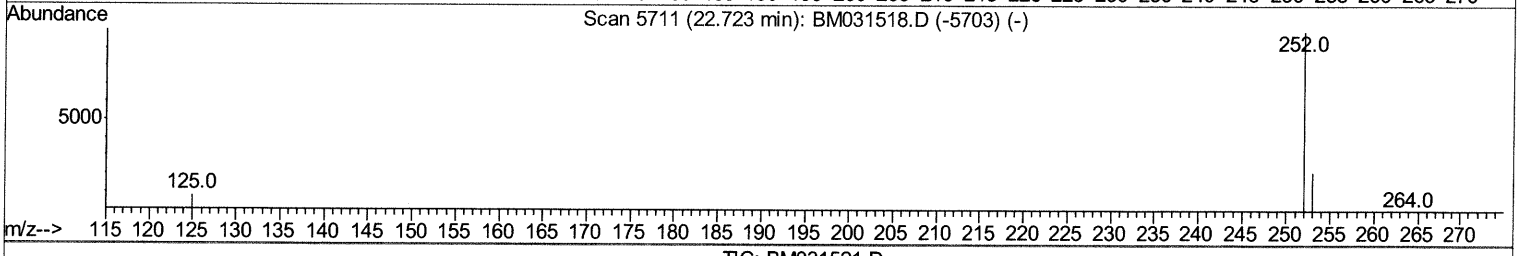
Quant Time: Aug 07 03:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:23 PM







TIC: BM031521.D

(25) Benzo(k)fluoranthene

22.677min (-0.046) 2.46ng/ul

response 38888

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.43
125.00	11.00	10.75
0.00	0.00	0.00

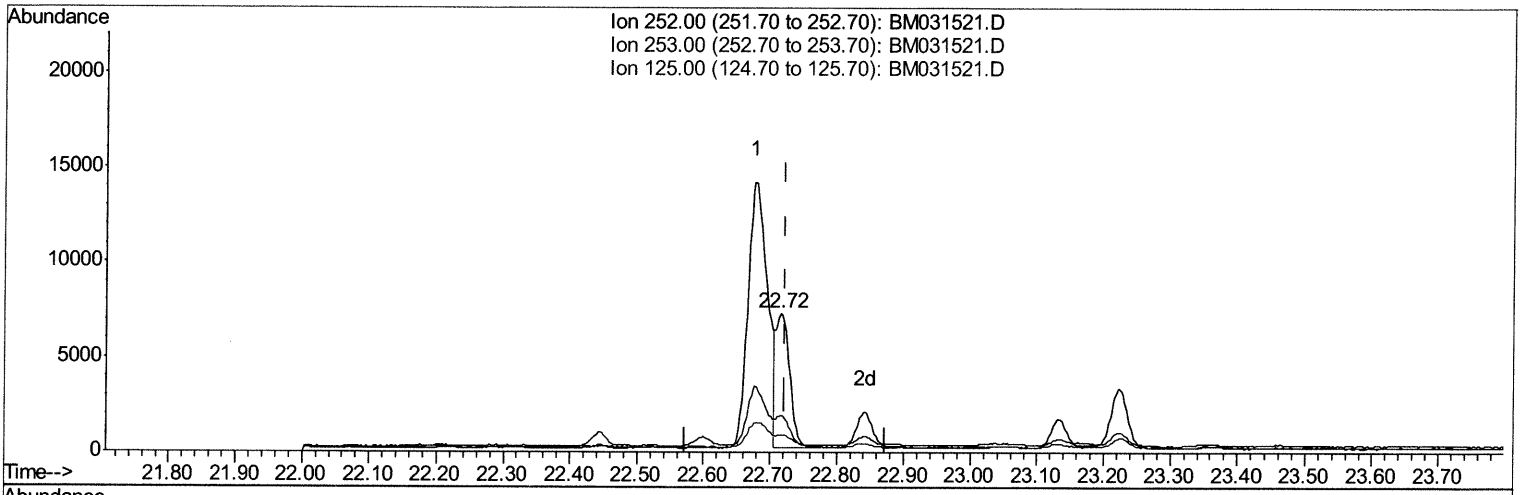
Quantitation Report (Qedit)

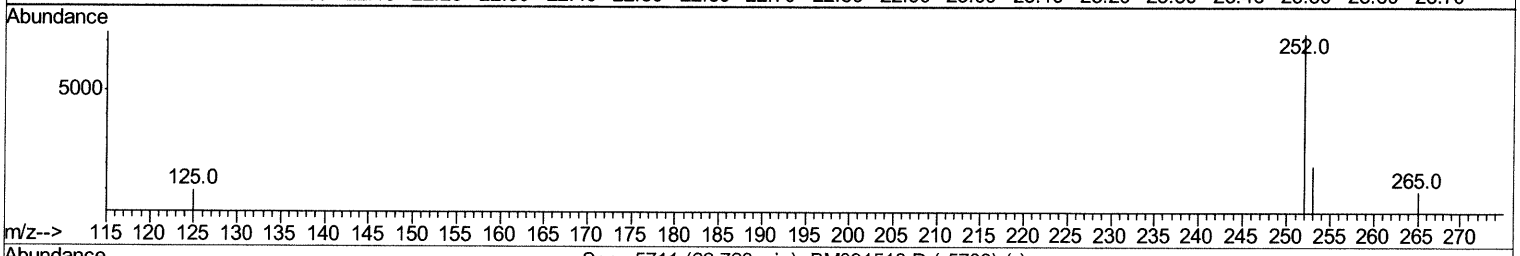
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031521.D
Acq On : 06 Aug 2021 18:28
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

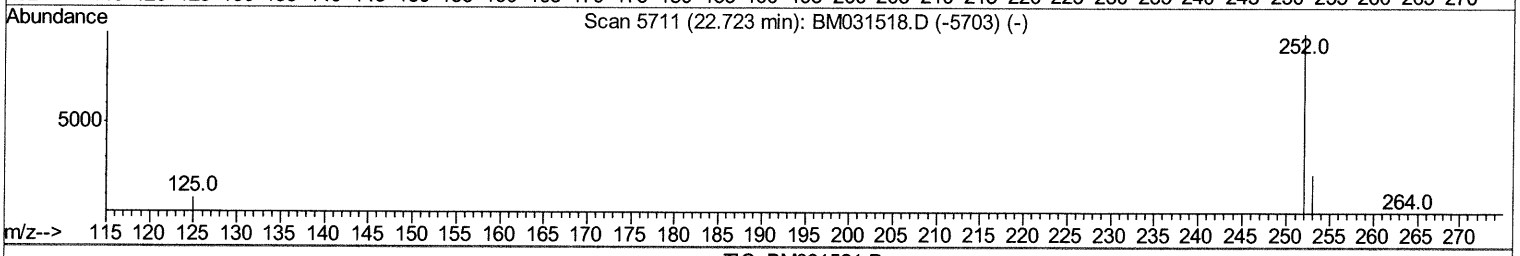
Quant Time: Aug 07 03:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:23 PM







TIC: BM031521.D

(25) Benzo(k)fluoranthene

22.716min (-0.007) 0.63ng/ul m

response 10023

JG 8/11/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.54
125.00	11.00	12.66
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031521.D
Acq On : 06 Aug 2021 18:28
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:23 PM

Quant Time: Aug 09 06:02:46 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 : 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	812	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	3011	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	1810	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	3391	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	3265	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	3393	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2273	2.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	933	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	1944	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.40	128	6404	0.714	ng/ul	99
7) 2-Methylnaphthalene	12.02	142	3719	0.607	ng/ul	99
8) 1-Methylnaphthalene	12.24	142	1881	0.311	ng/ul	98
10) Acenaphthylene	13.94	152	2153	0.279	ng/ul	95
11) Acenaphthene	14.28	153	326m	0.050	ng/ul	
12) Fluorene	15.27	166	560	0.075	ng/ul#	88
15) Phenanthrene	17.01	178	15634	1.452	ng/ul	98
16) Anthracene	17.10	178	3029	0.300	ng/ul	96
19) Fluoranthene	19.03	202	33707	2.418	ng/ul	100
20) Pyrene	19.39	202	17775	1.257	ng/ul	100
21) Benzo(a)anthracene	21.15	228	17302	1.312	ng/ul	96
22) Chrysene	21.20	228	20065	1.471	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	28557m	1.868	ng/ul	
25) Benzo(k)fluoranthene	22.72	252	10023m	0.635	ng/ul	
26) Benzo(a)pyrene	23.22	252	5557	0.415	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.45	276	6852	0.396	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.46	278	3540	0.254	ng/ul#	86

JU 8/11/21

JU 8/11/21

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