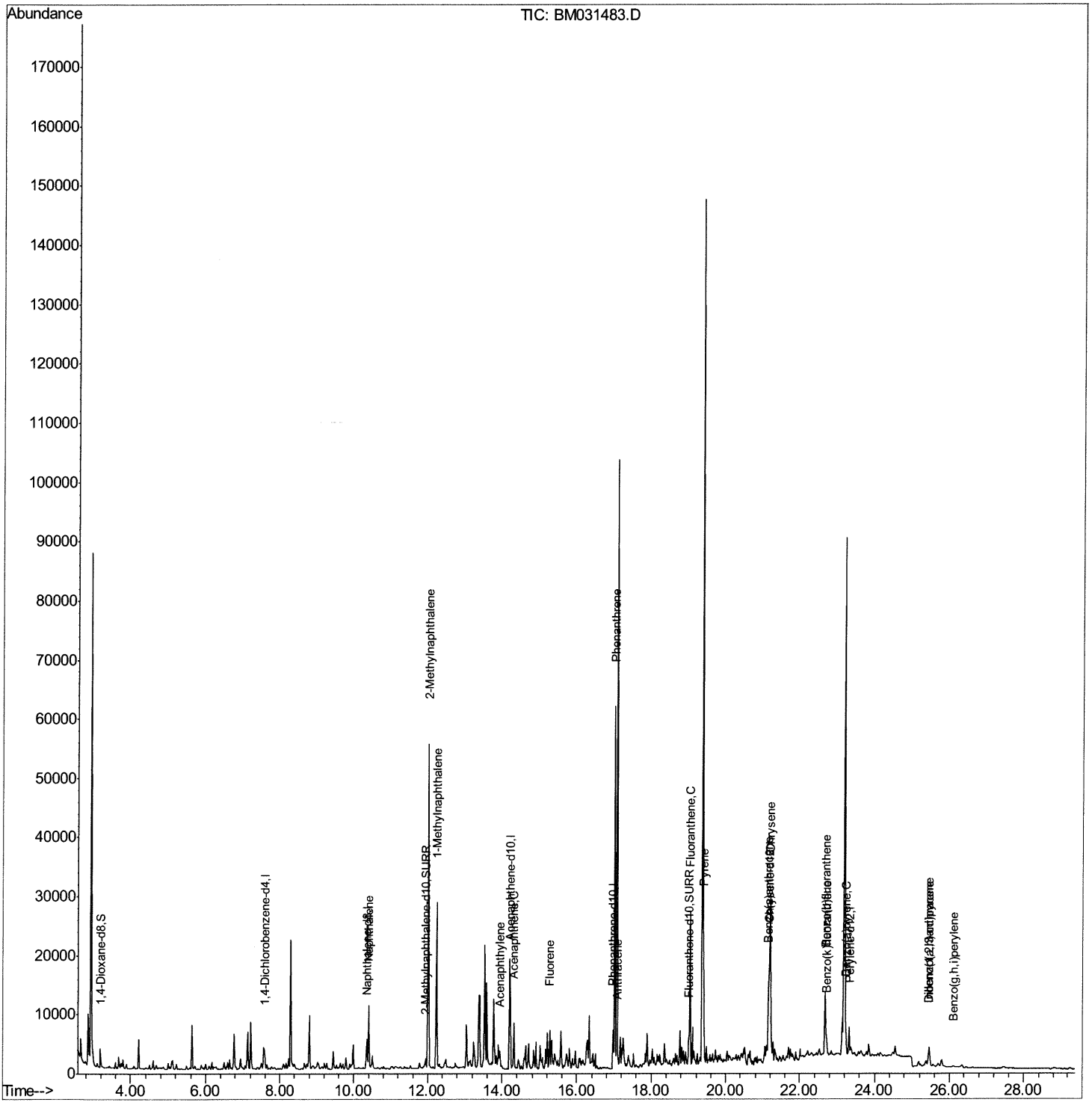
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 15:43:28 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 : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM



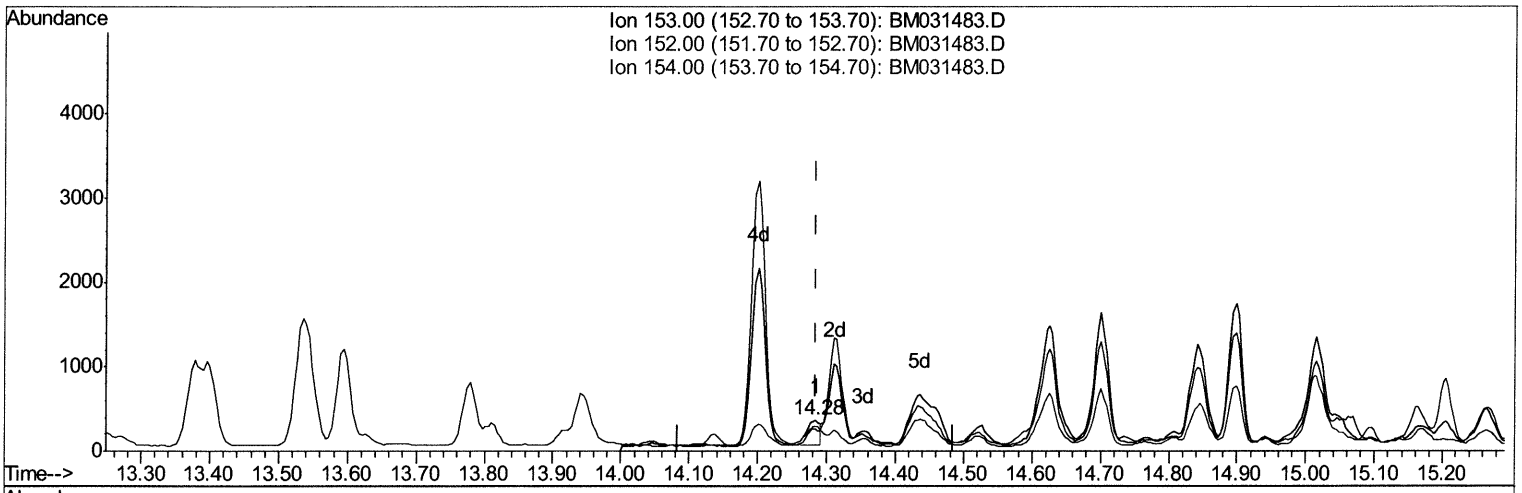
Quantitation Report (Qedit)

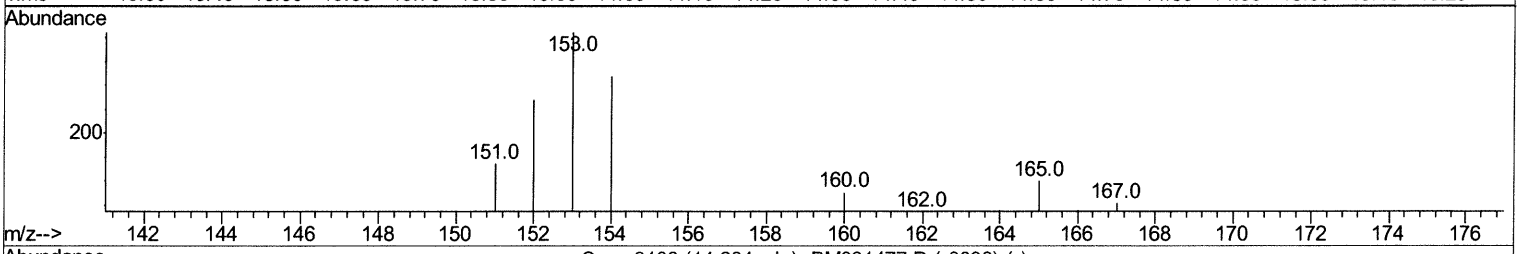
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

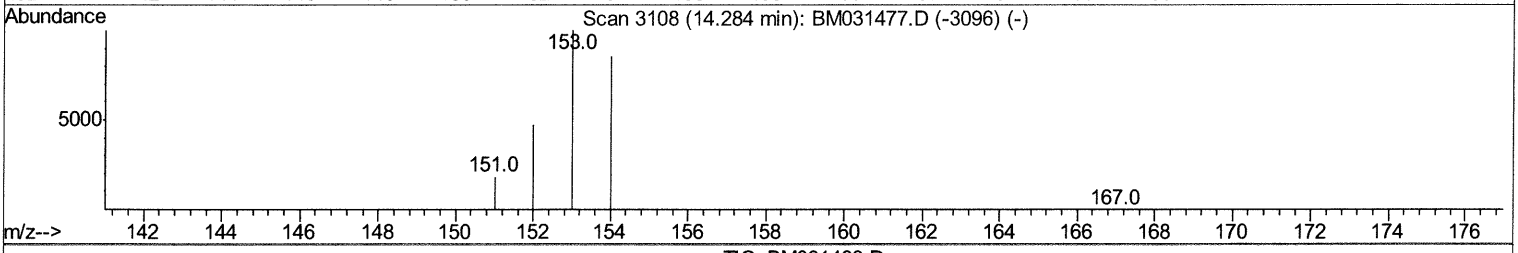
Quant Time: Aug 05 15:41:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM







TIC: BM031483.D

(11) Acenaphthene (C)

14.284min (-0.000) 0.03ng/ul

response 399

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	69.65#
154.00	87.70	79.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
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Misc :
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Quant Time: Aug 05 15:41:32 2021
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BNA_M
ClientSampleId :
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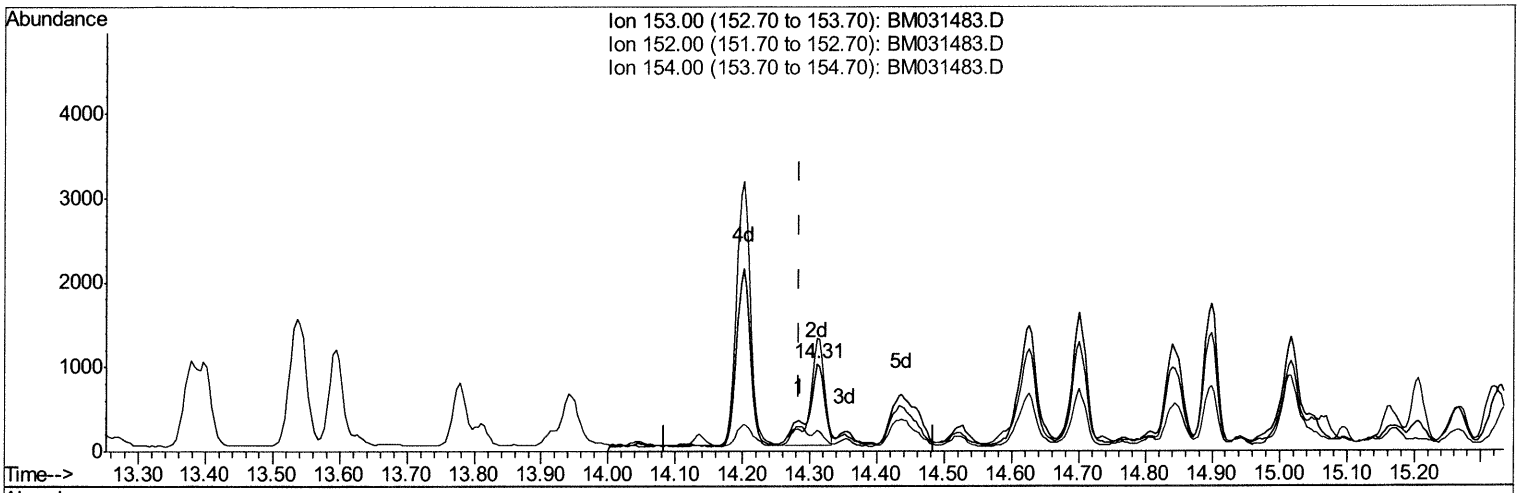
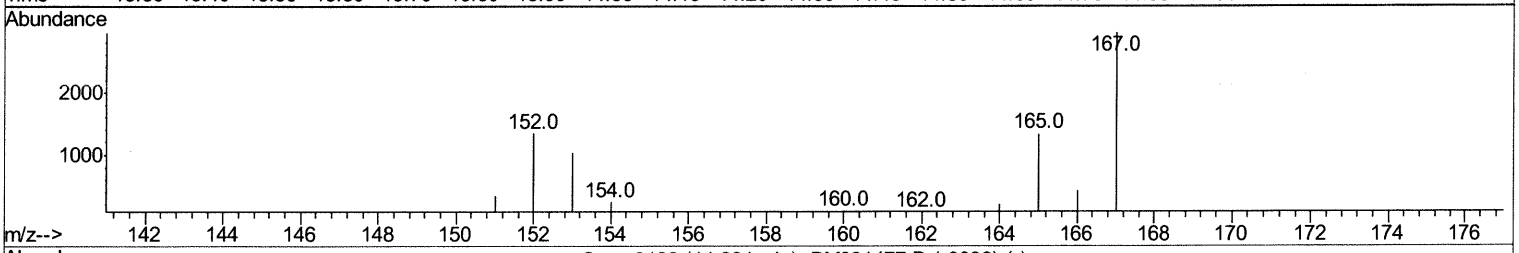
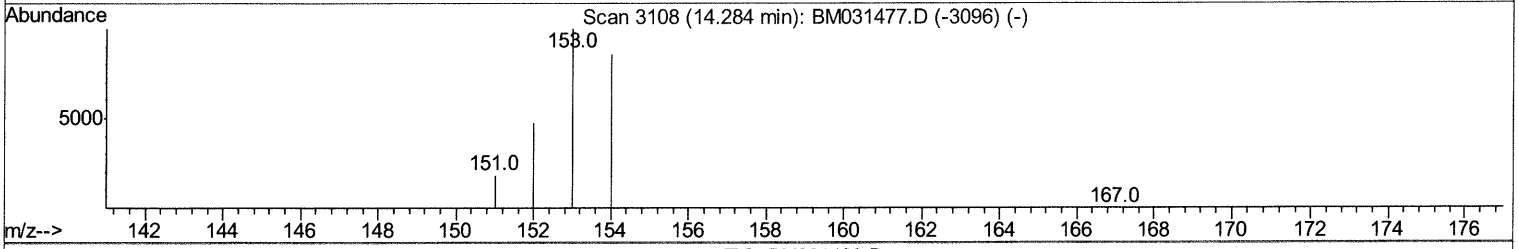
Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM







TIC: BM031483.D

(11) Acenaphthene (C)

14.311min (+0.026) 0.11ng/ul m 08/09/21 JU

response 1728

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	129.66#
154.00	87.70	23.29#
0.00	0.00	0.00

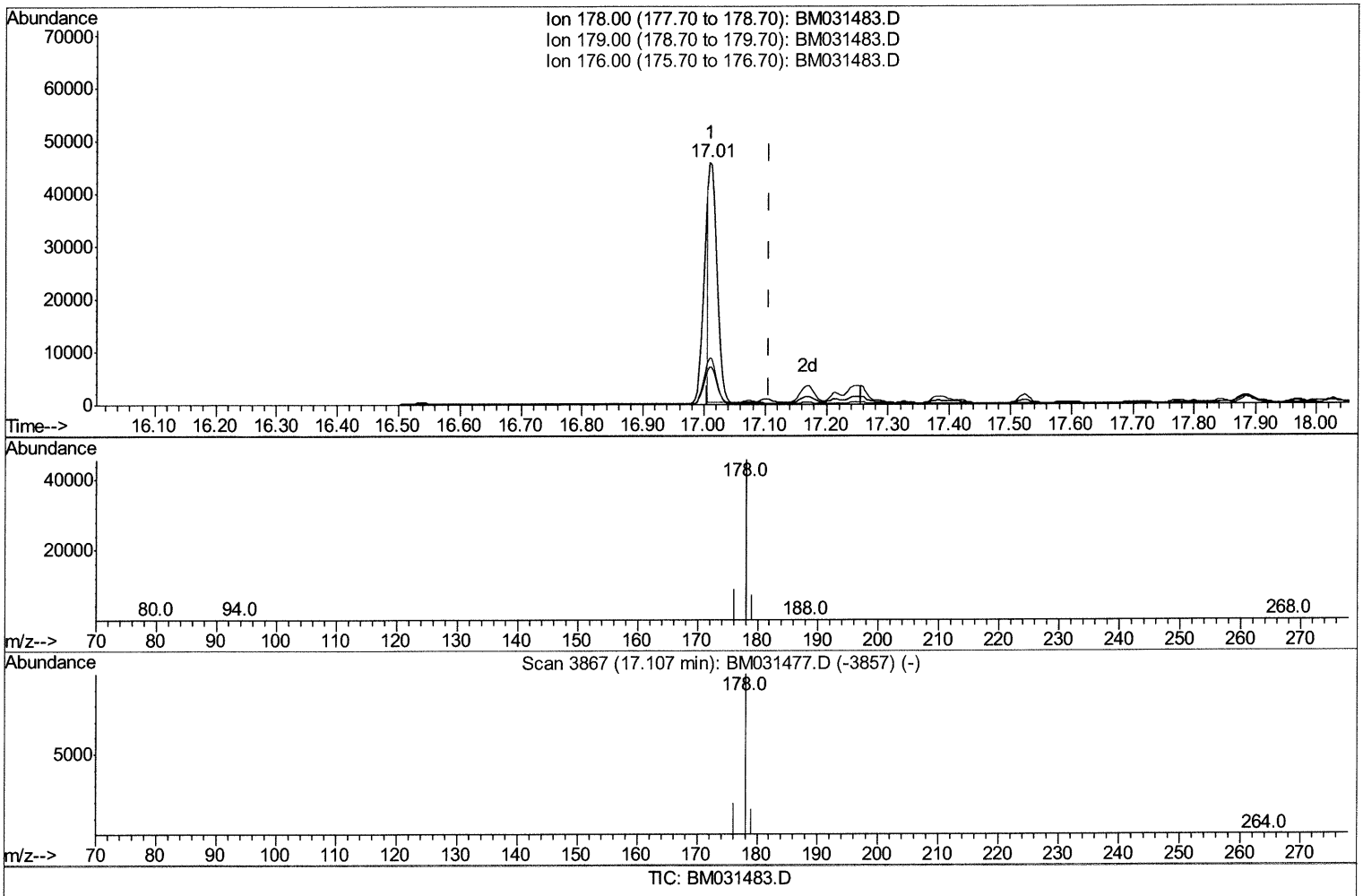
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 15:41:32 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 Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM



TIC: BM031483.D

(16) Anthracene

17.009min (-0.097) 1.77ng/ul

response 40271

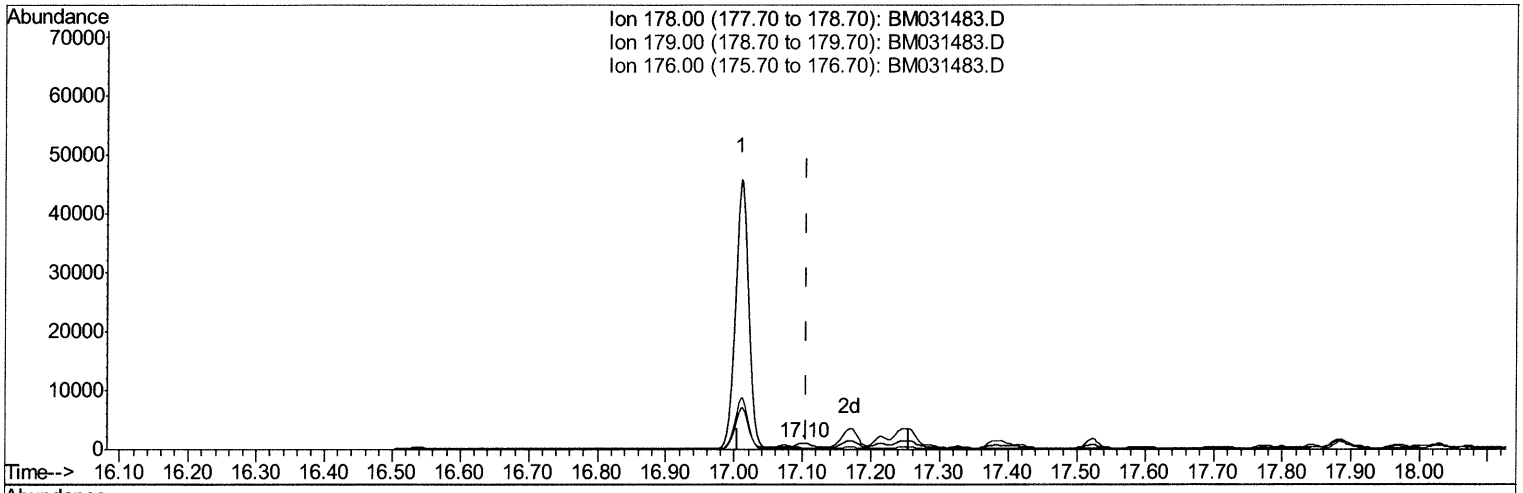
Ion	Exp%	Act%
178.00	100	100
179.00	16.30	15.63
176.00	19.50	19.24
0.00	0.00	0.00

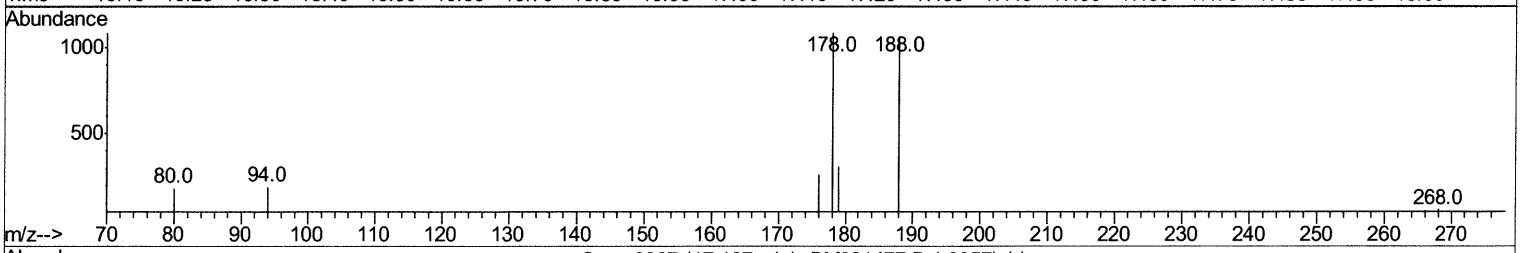
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

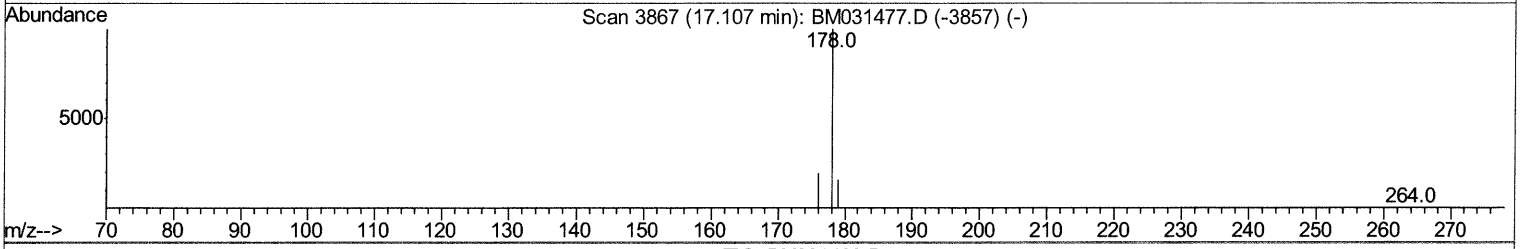
Quant Time: Aug 05 15:41:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM







TIC: BM031483.D

(16) Anthracene

17.100min (-0.007) 0.05ng/ul m 08/09/21 JU

response 1239

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	28.44#
176.00	19.50	24.10#
0.00	0.00	0.00

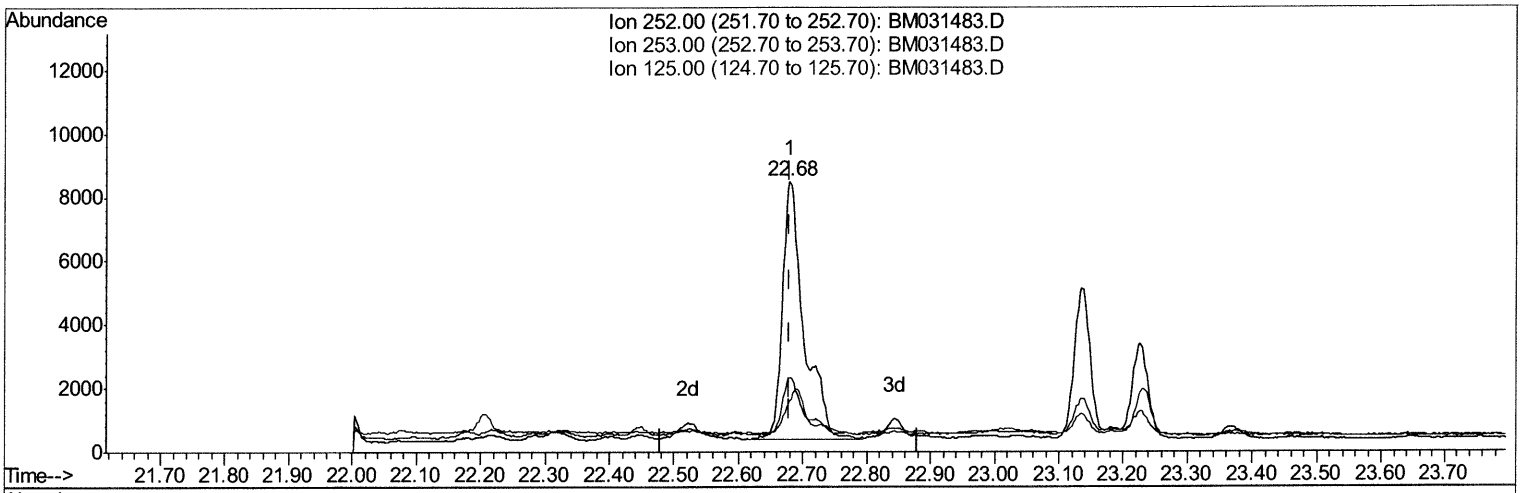
Quantitation Report (Qedit)

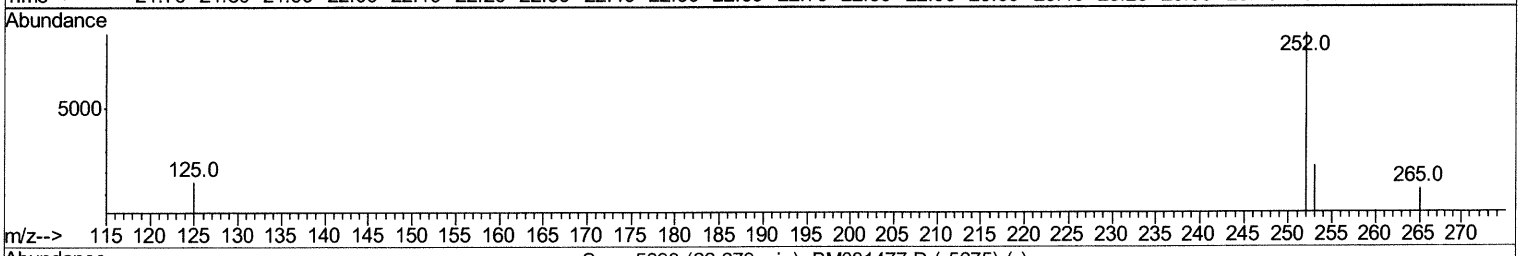
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

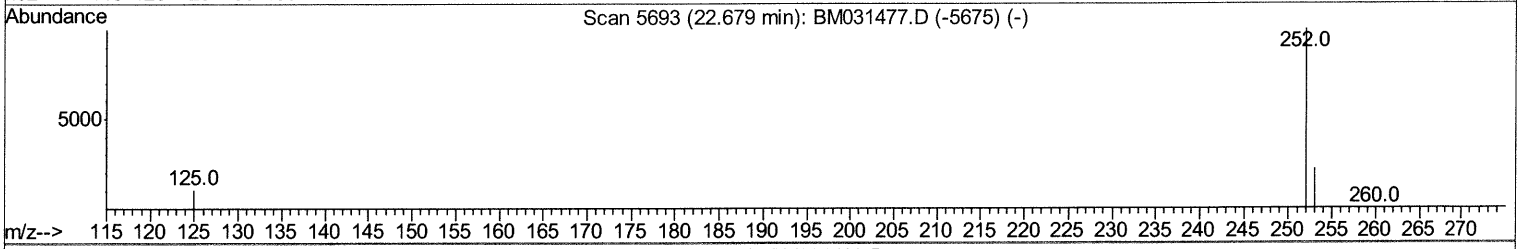
Quant Time: Aug 05 15:41:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM







TIC: BM031483.D

(24) Benzo(b)fluoranthene

22.679min (-0.000) 0.77ng/ul

response 19097

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.21
125.00	11.40	18.73
0.00	0.00	0.00

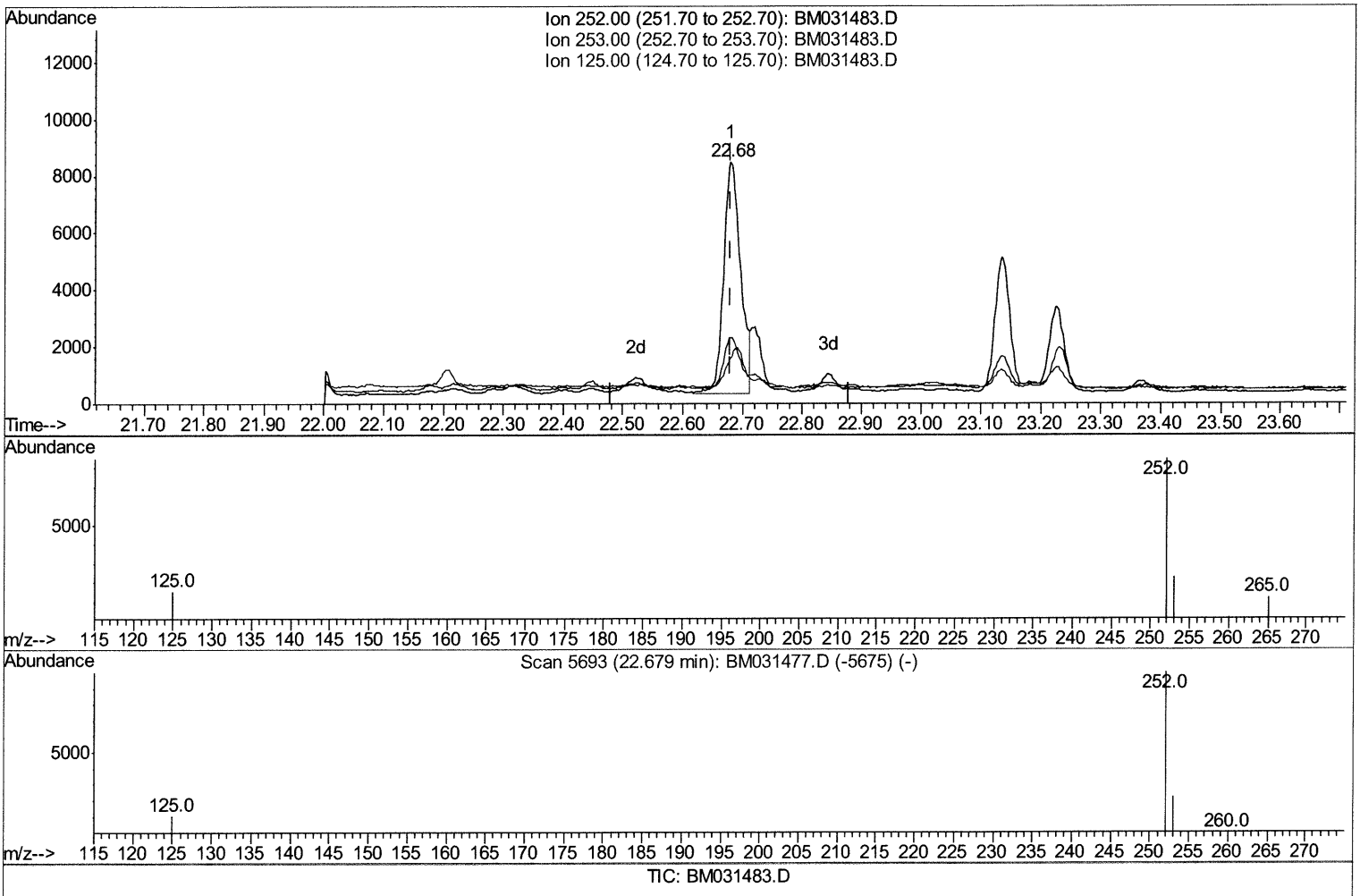
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 15:41:32 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 Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM



TIC: BM031483.D

(24) Benzo(b)fluoranthene

22.679min (-0.000) 0.65ng/ul m 08/09/21 JU

response 16018

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.21
125.00	11.40	18.73
0.00	0.00	0.00

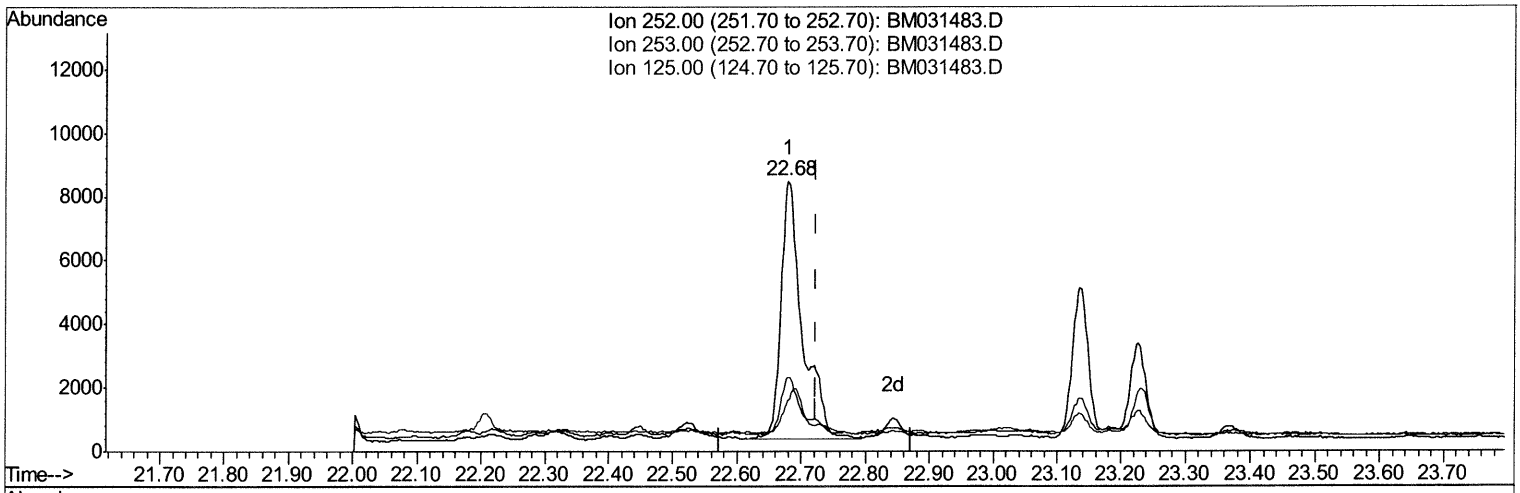
Quantitation Report (Qedit)

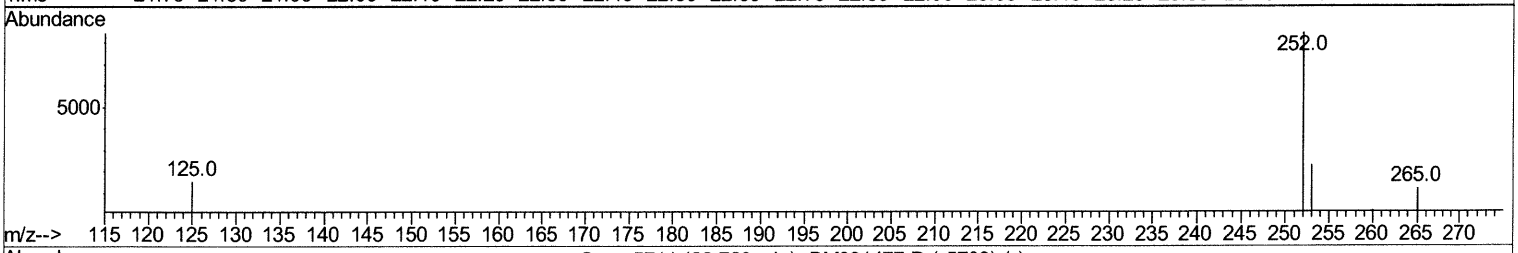
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

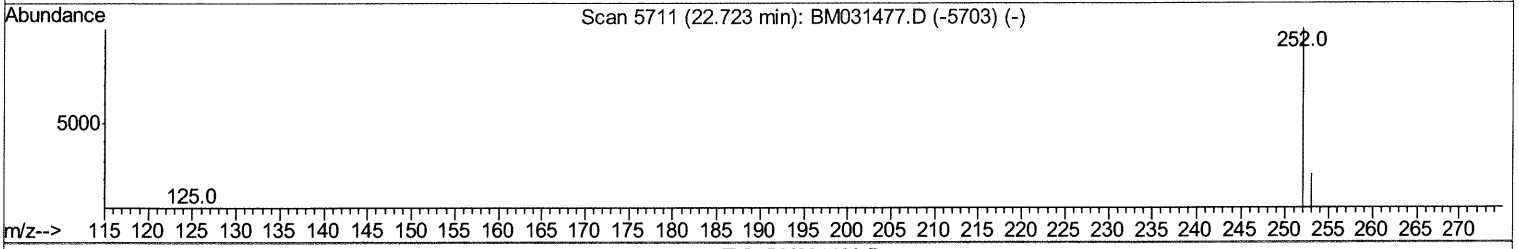
Quant Time: Aug 05 15:41:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM







TIC: BM031483.D

(25) Benzo(k)fluoranthene

22.679min (-0.044) 0.75ng/ul

response 19097

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.21
125.00	11.00	18.73#
0.00	0.00	0.00

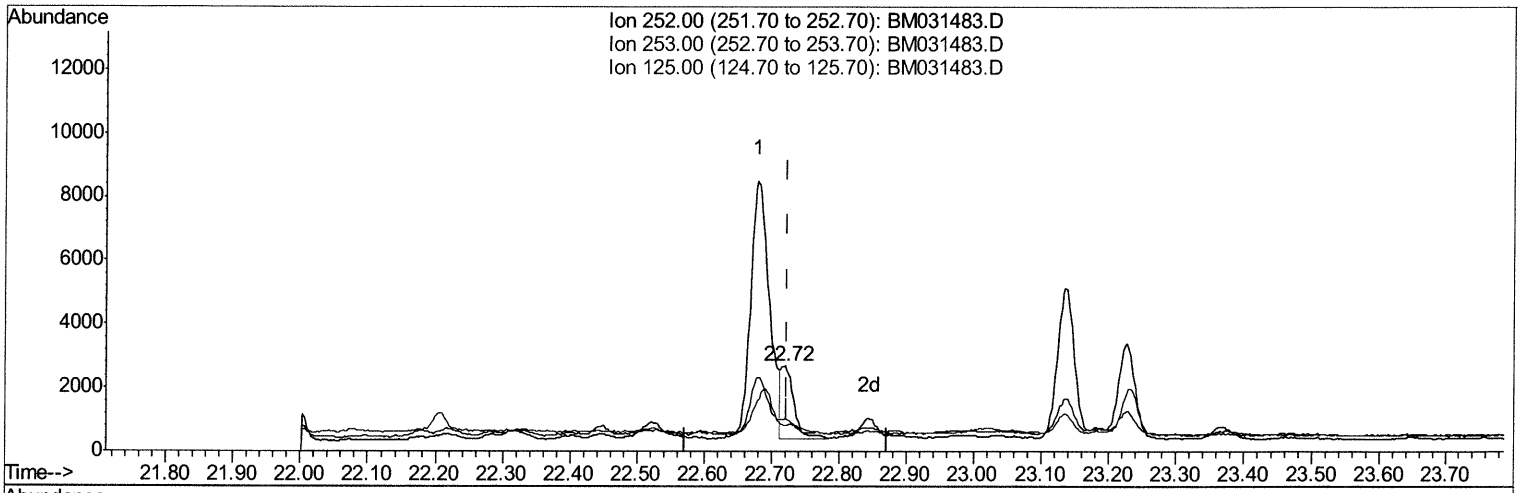
Quantitation Report (Qedit)

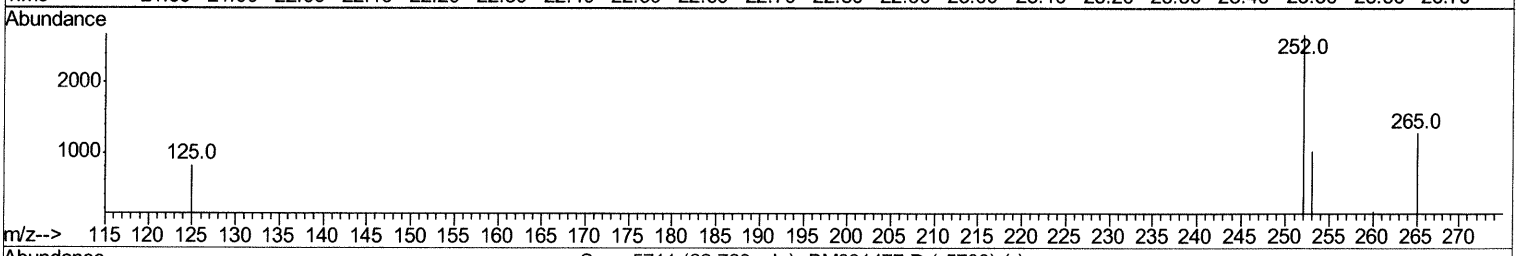
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

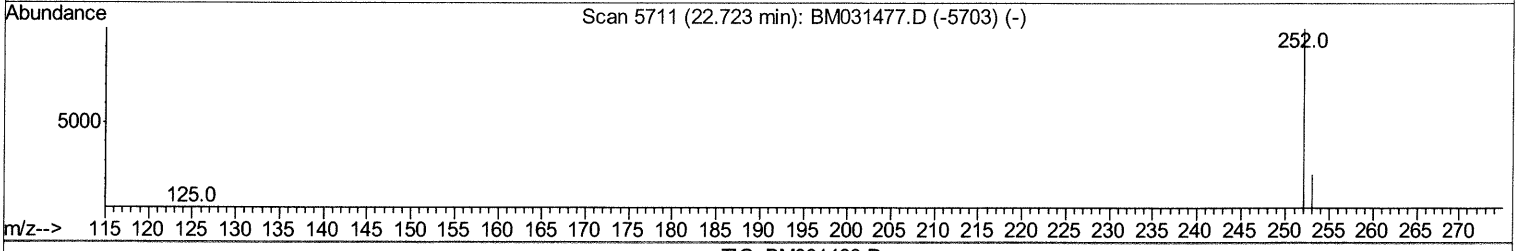
Quant Time: Aug 05 15:41:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM







TIC: BM031483.D

(25) Benzo(k)fluoranthene

22.720min (-0.002) 0.13ng/ul m 08/09/21 JU

response 3303

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	38.41#
125.00	11.00	30.67#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:02 PM

Quant Time: Aug 05 15:43:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1510	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	6160	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	4386	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	7645	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	5999	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	5500	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2016	1.20	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	2051	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	4139	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.40	128	14273	0.778	ng/ul	99
7) 2-Methylnaphthalene	12.02	142	38072	3.037	ng/ul	100
8) 1-Methylnaphthalene	12.24	142	18533	1.496	ng/ul	100
10) Acenaphthylene	13.94	152	1268	0.068	ng/ul#	72
11) Acenaphthene	14.31	153	1728m	0.110	ng/ul	08/09/21 JU
12) Fluorene	15.28	166	2692	0.149	ng/ul#	73
15) Phenanthrene	17.01	178	63642	2.622	ng/ul	98
16) Anthracene	17.10	178	1239m	0.055	ng/ul	08/09/21 JU
19) Fluoranthene	19.04	202	23183	0.905	ng/ul#	95
20) Pyrene	19.40	202	19087	0.735	ng/ul#	93
21) Benzo(a)anthracene	21.15	228	7983	0.330	ng/ul#	71
22) Chrysene	21.20	228	32132	1.282	ng/ul#	92
24) Benzo(b)fluoranthene	22.68	252	16018m	0.646	ng/ul	08/09/21 JU
25) Benzo(k)fluoranthene	22.72	252	3303m	0.129	ng/ul	
26) Benzo(a)pyrene	23.23	252	5295	0.244	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.45	276	4196	0.150	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.46	278	2359	0.104	ng/ul#	33
29) Benzo(g,h,i)perylene	26.11	276	577	0.024	ng/ul#	27

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