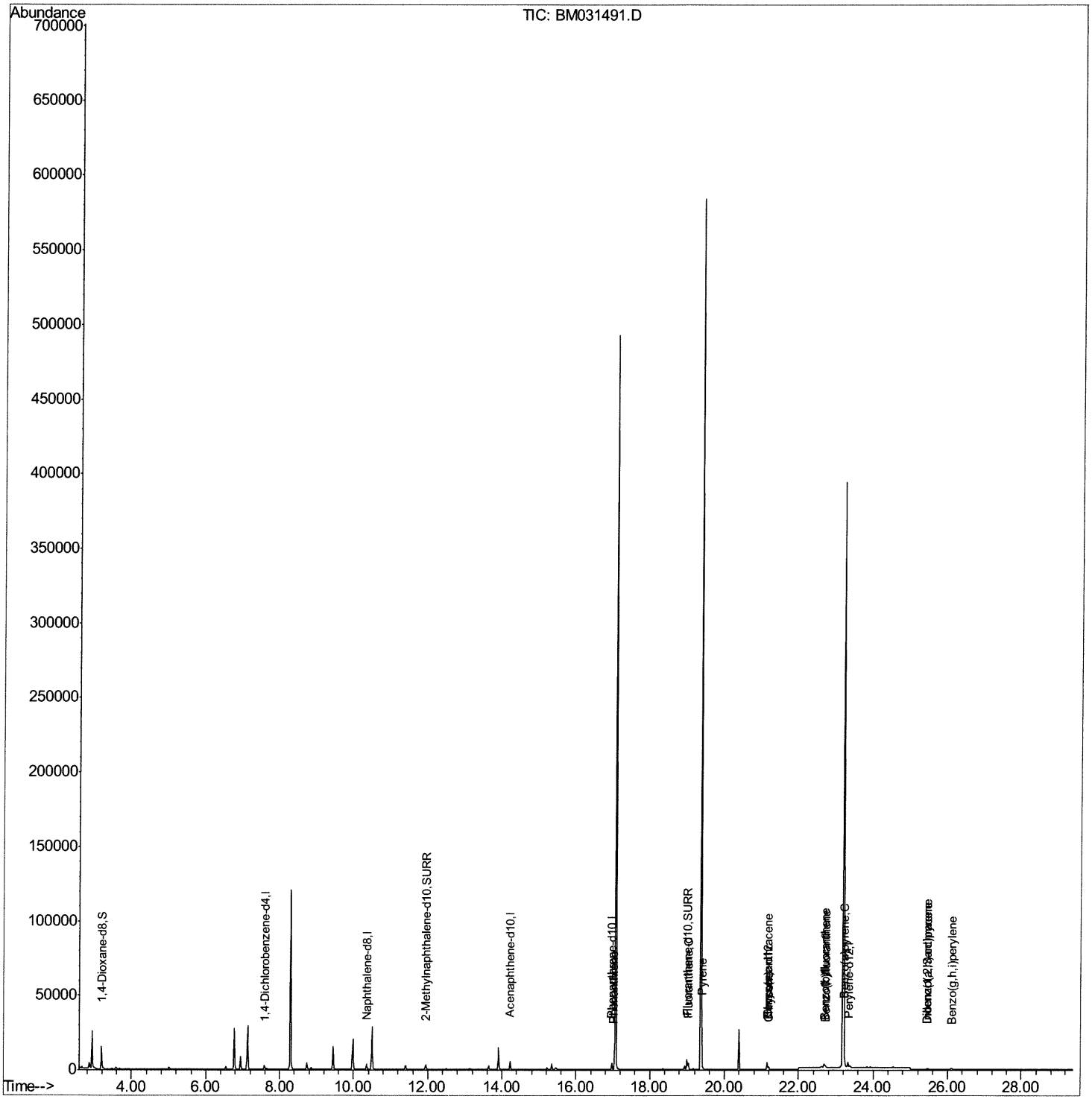
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 01:48:35 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 :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM



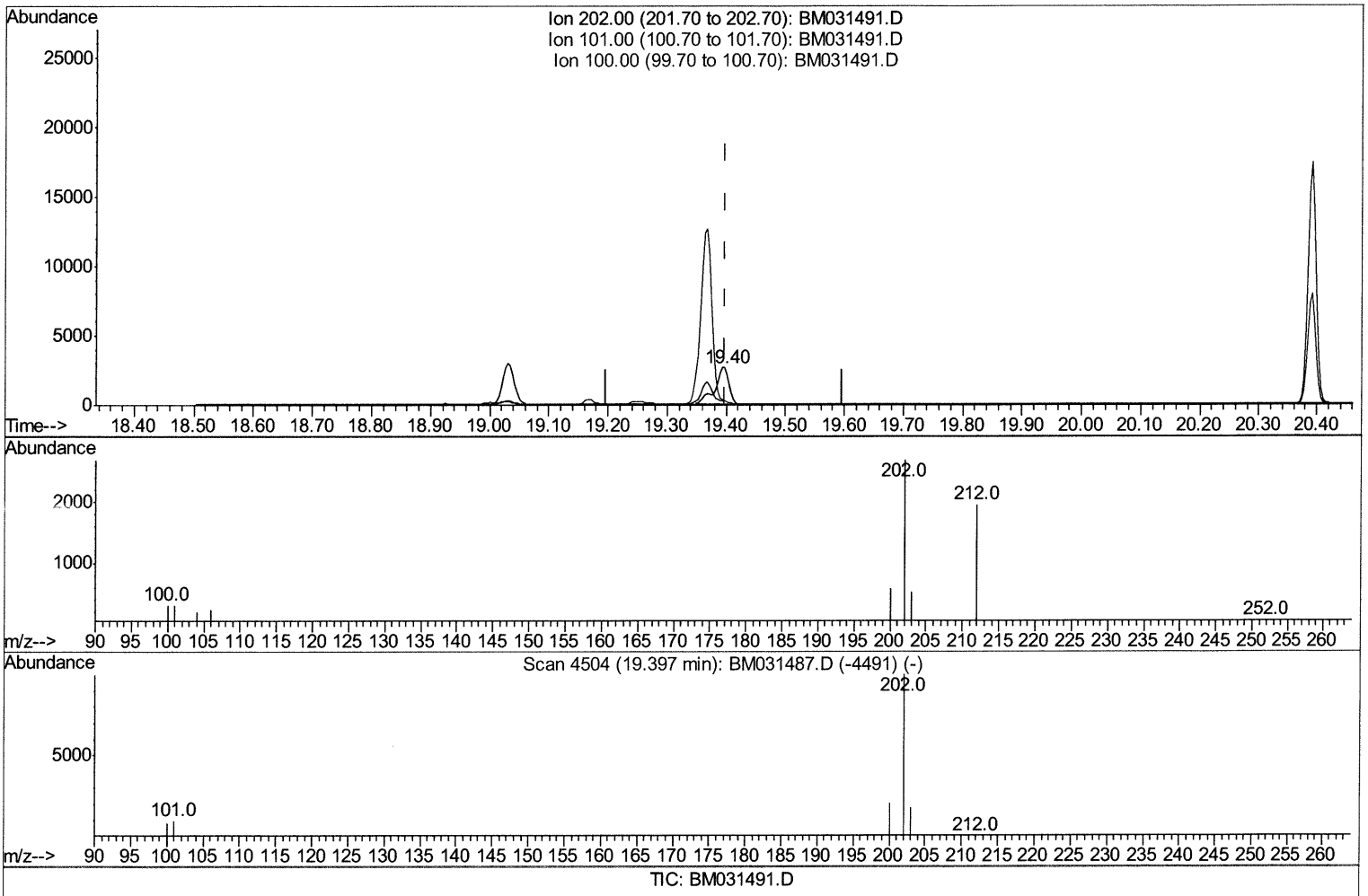
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 01:39:43 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 :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM



TIC: BM031491.D

(20) Pyrene

19.397min (-0.000) 0.24ng/ul

response 4455

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	11.38
100.00	8.30	11.75#
0.00	0.00	0.00

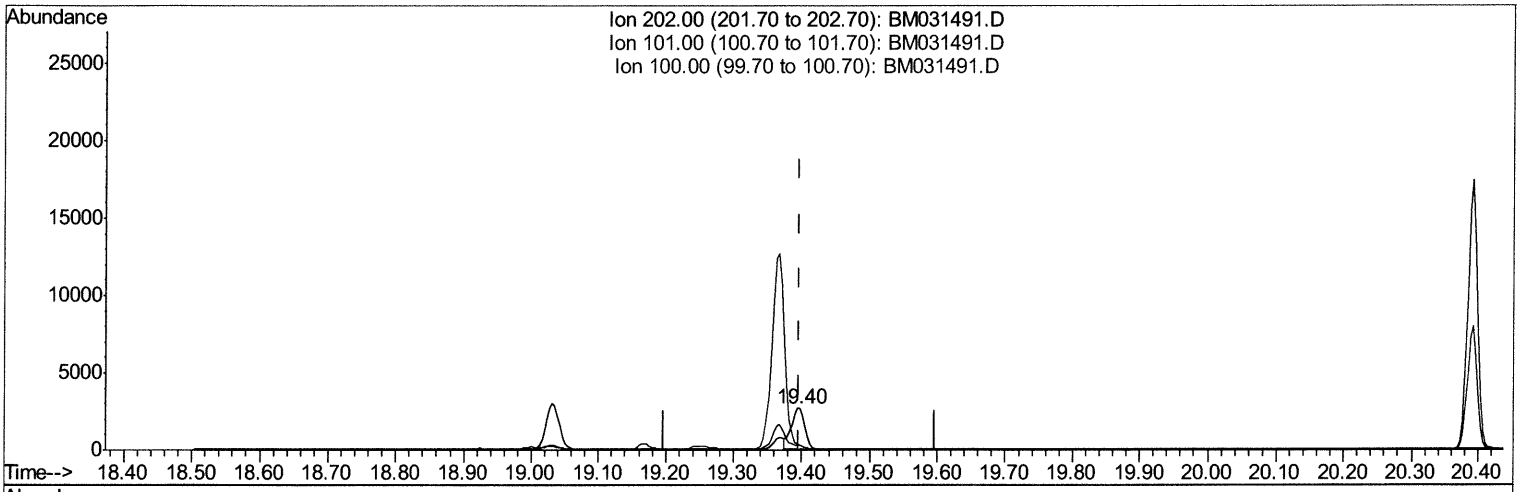
Quantitation Report (Qedit)

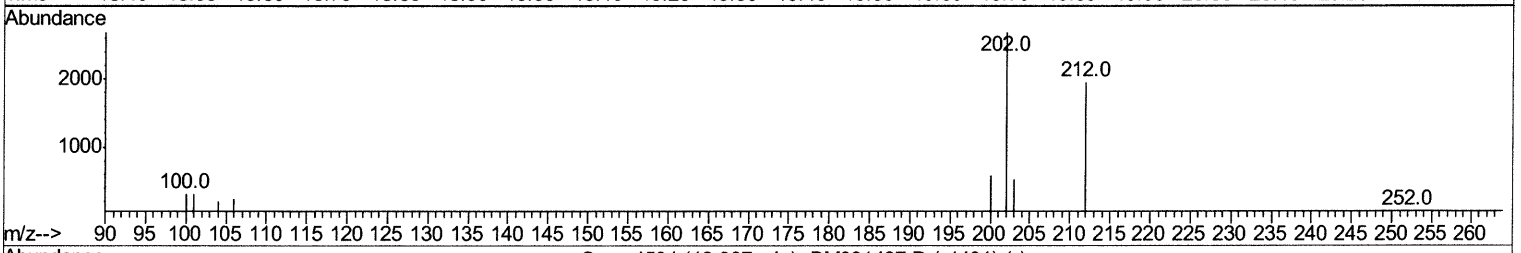
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

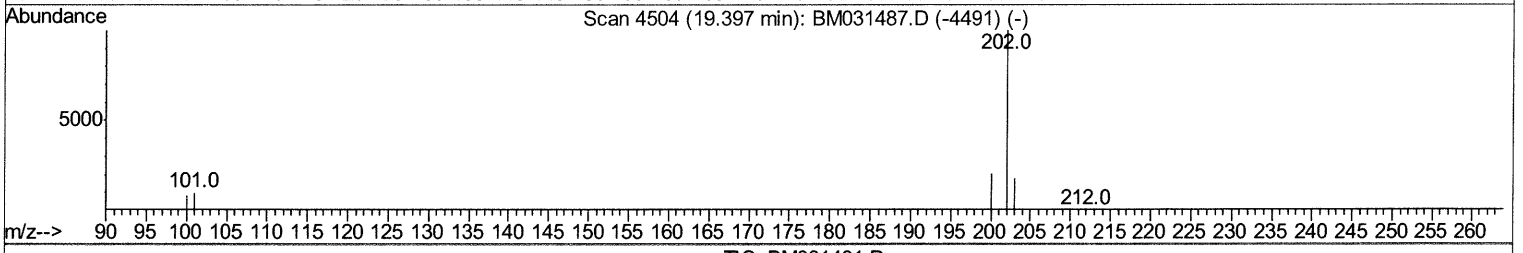
Quant Time: Aug 06 01:39:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM







TIC: BM031491.D

(20) Pyrene

19.397min (-0.000) 0.19ng/ul m 08/09/21 JU

response 3610

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	11.38
100.00	8.30	11.75#
0.00	0.00	0.00

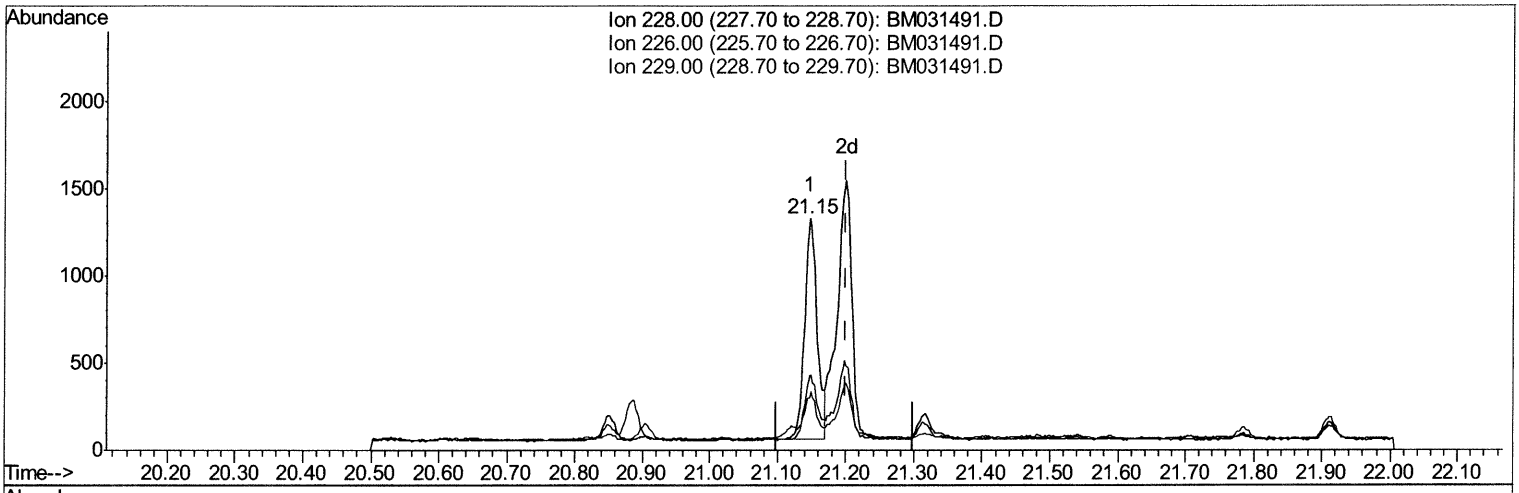
Quantitation Report (Qedit)

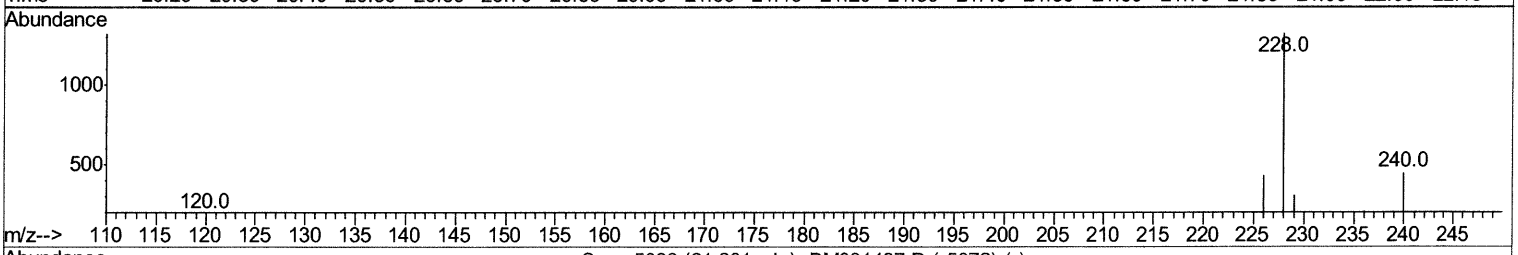
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

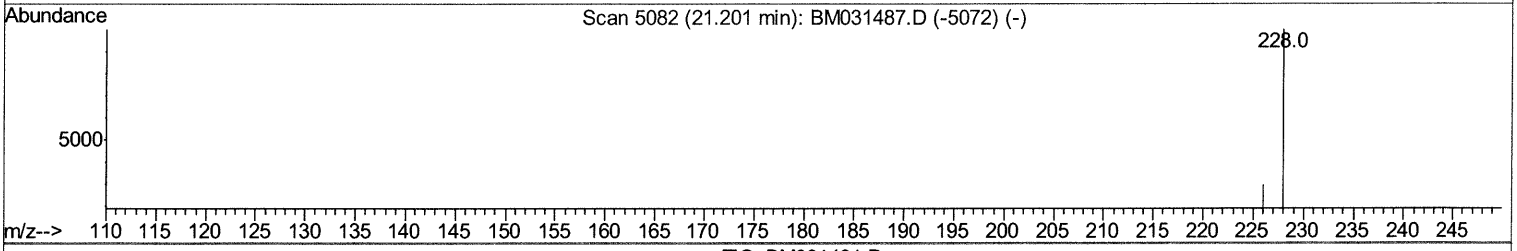
Quant Time: Aug 06 01:46:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM







TIC: BM031491.D

(22) Chrysene

21.147min (-0.053) 0.09ng/ul

response 1617

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	32.20
229.00	20.20	23.08
0.00	0.00	0.00

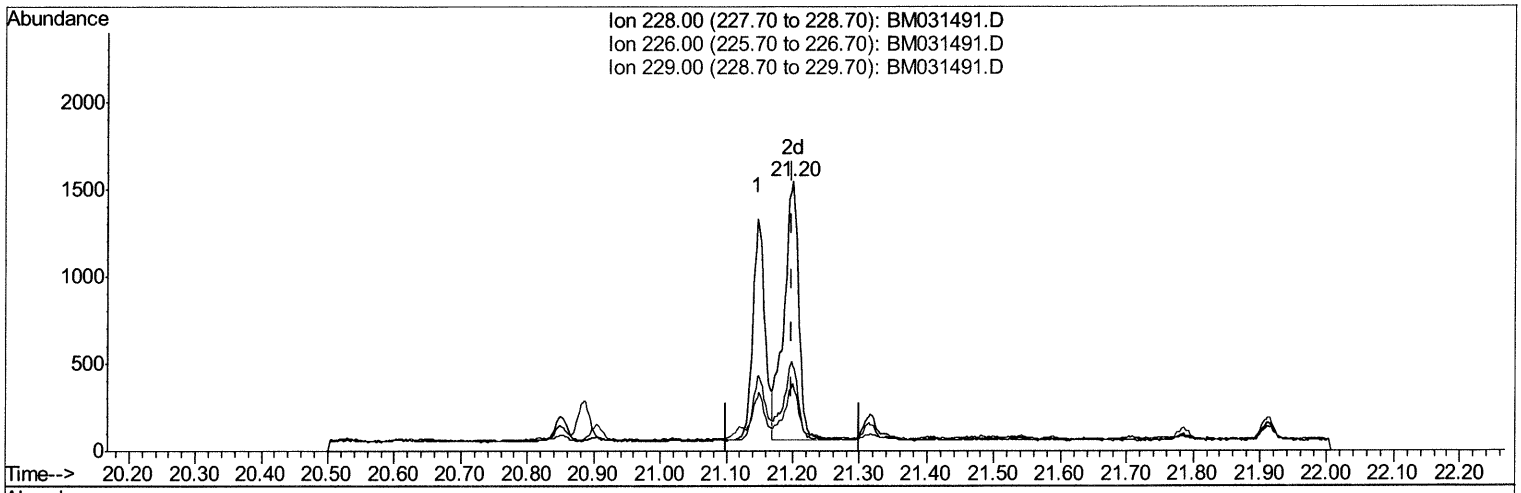
Quantitation Report (Qedit)

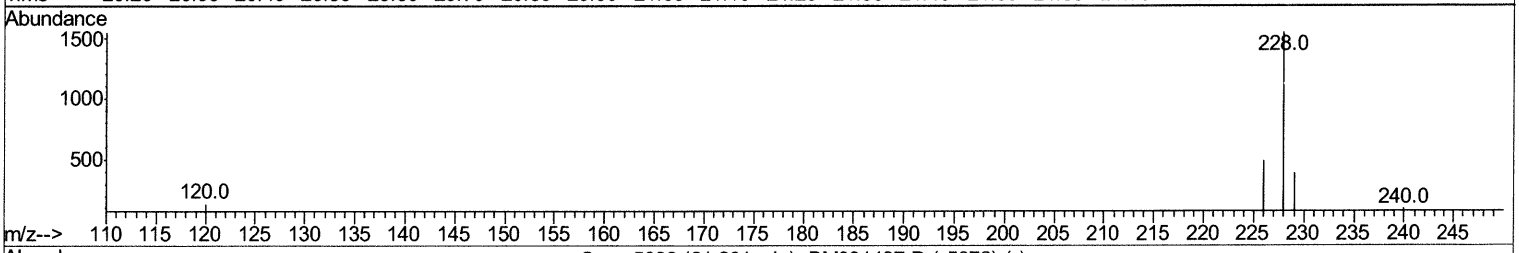
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

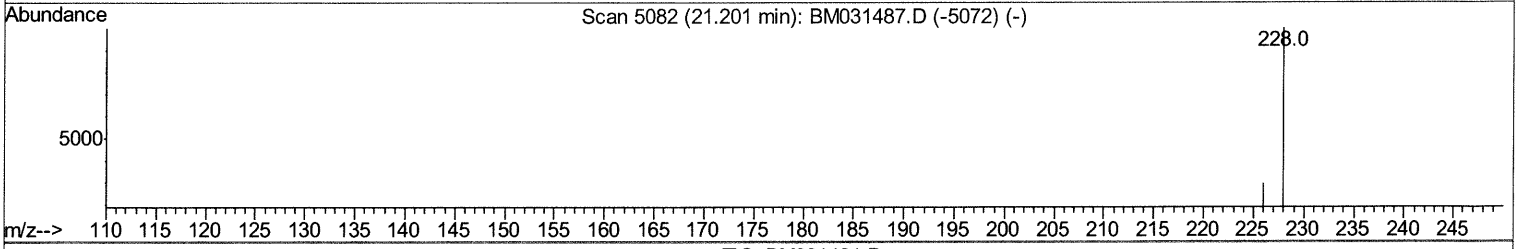
Quant Time: Aug 06 01:46:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM







TIC: BM031491.D

(22) Chrysene

21.200min (-0.000) 0.13ng/ul m 08/06/21 JU

response 2288

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	31.42
229.00	20.20	24.95#
0.00	0.00	0.00

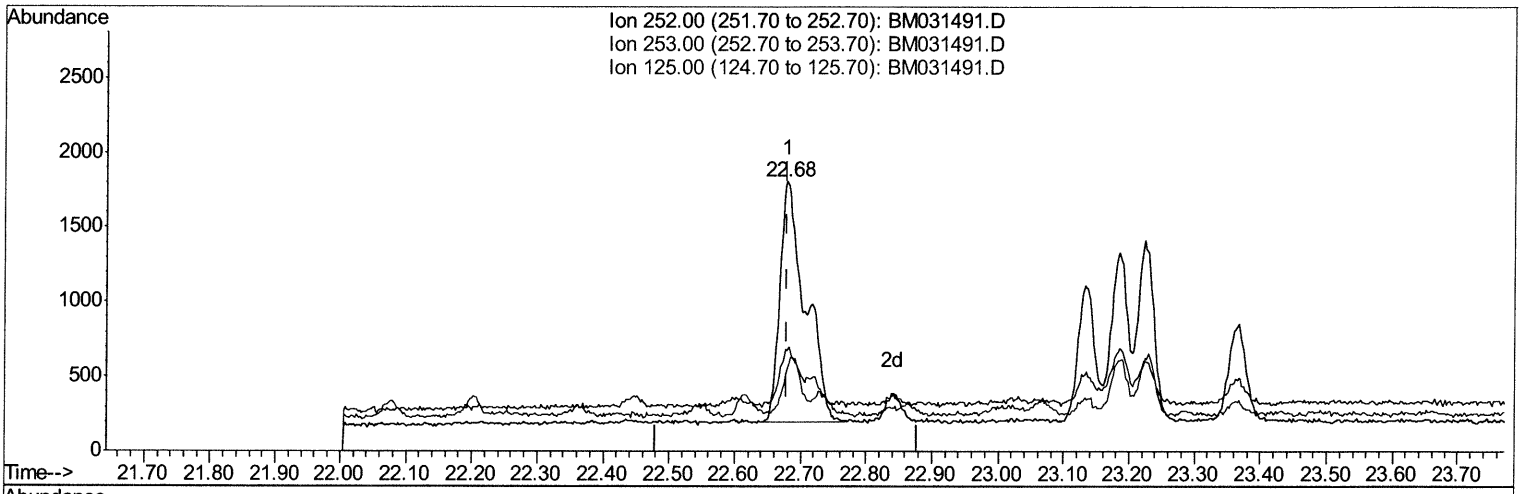
Quantitation Report (Qedit)

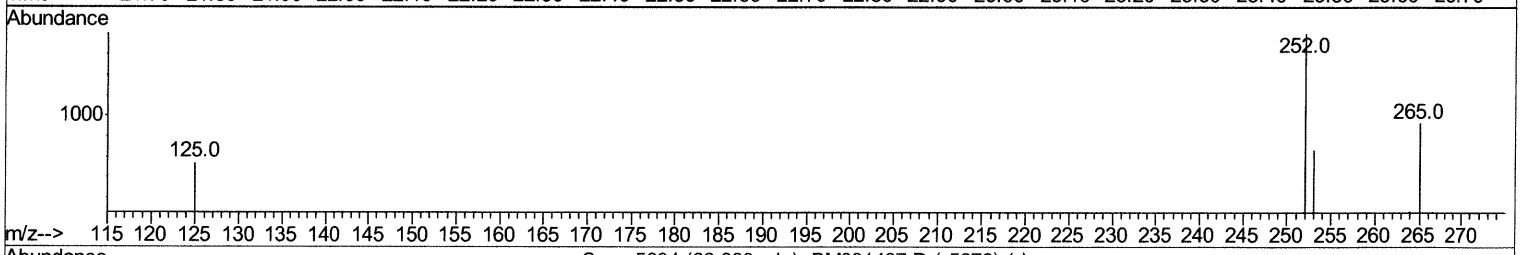
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

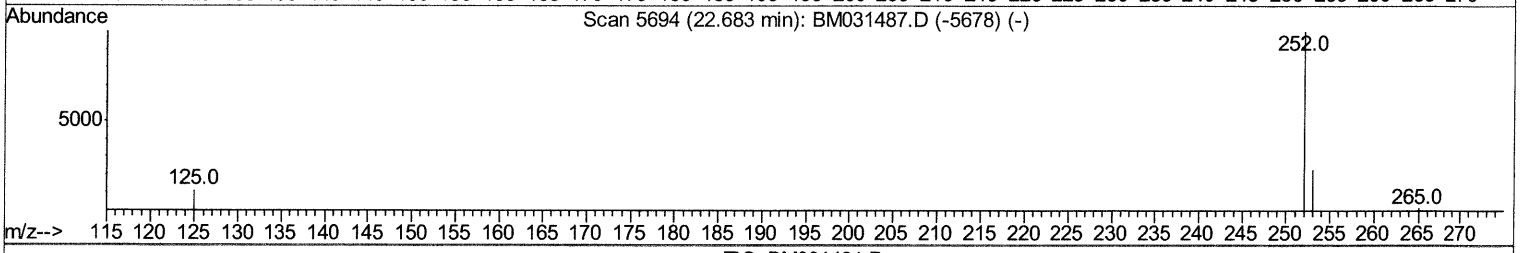
Quant Time: Aug 06 01:47:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM







TIC: BM031491.D

(24) Benzo(b)fluoranthene

22.679min (-0.000) 0.22ng/ul

response 4366

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	37.30
125.00	11.40	30.05#
0.00	0.00	0.00

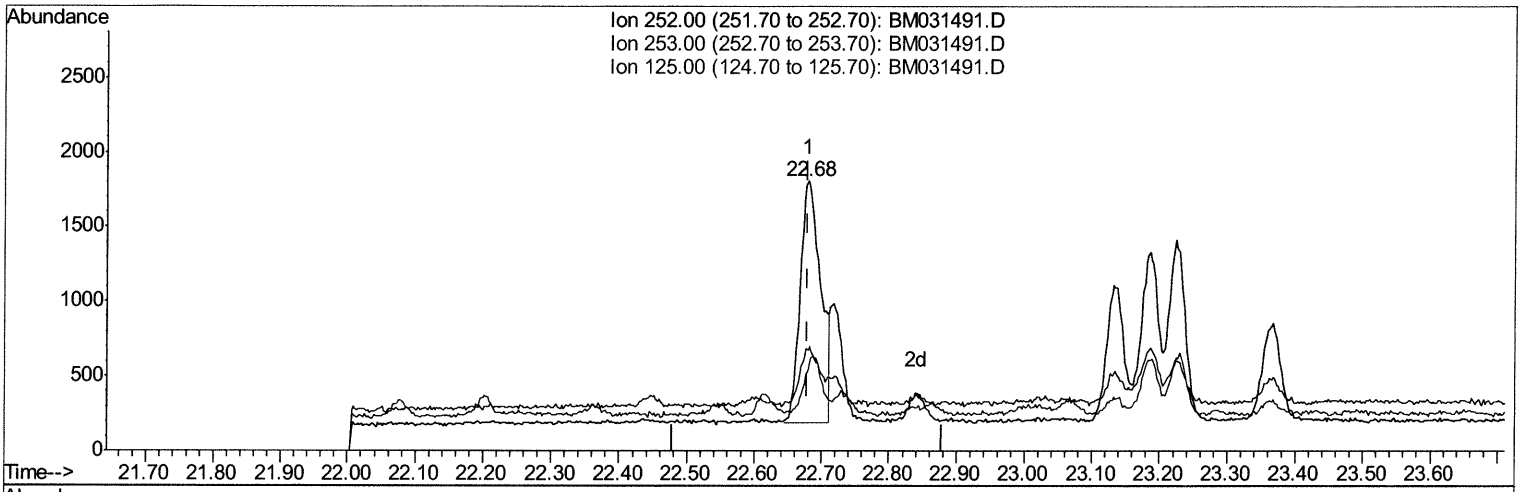
Quantitation Report (Qedit)

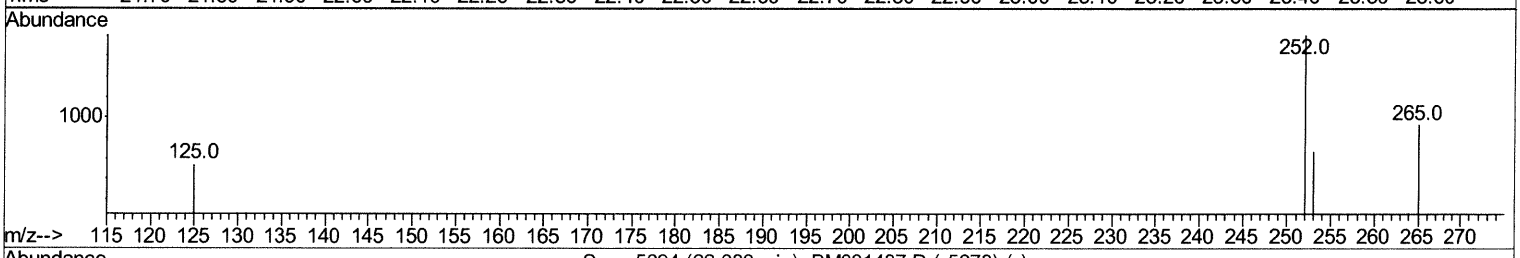
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

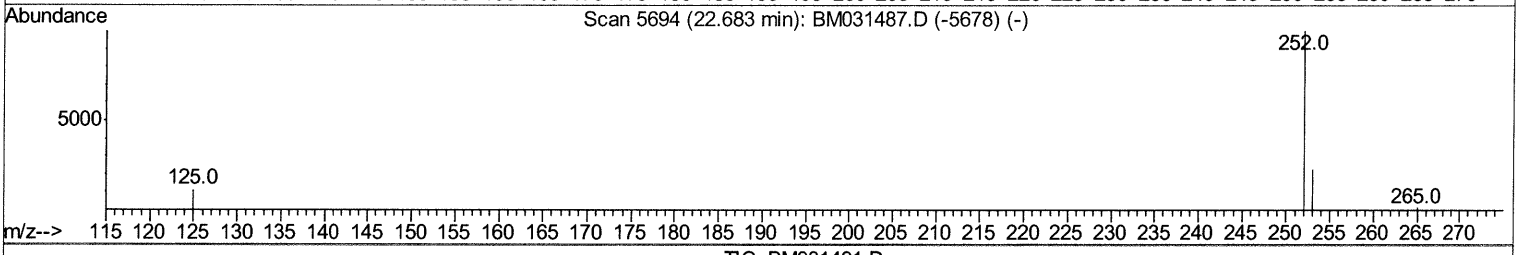
Quant Time: Aug 06 01:47:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM







TIC: BM031491.D

(24) Benzo(b)fluoranthene

22.679min (-0.000) 0.17ng/ul m 08/09/21 JU

response 3432

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	37.30
125.00	11.40	30.05#
0.00	0.00	0.00

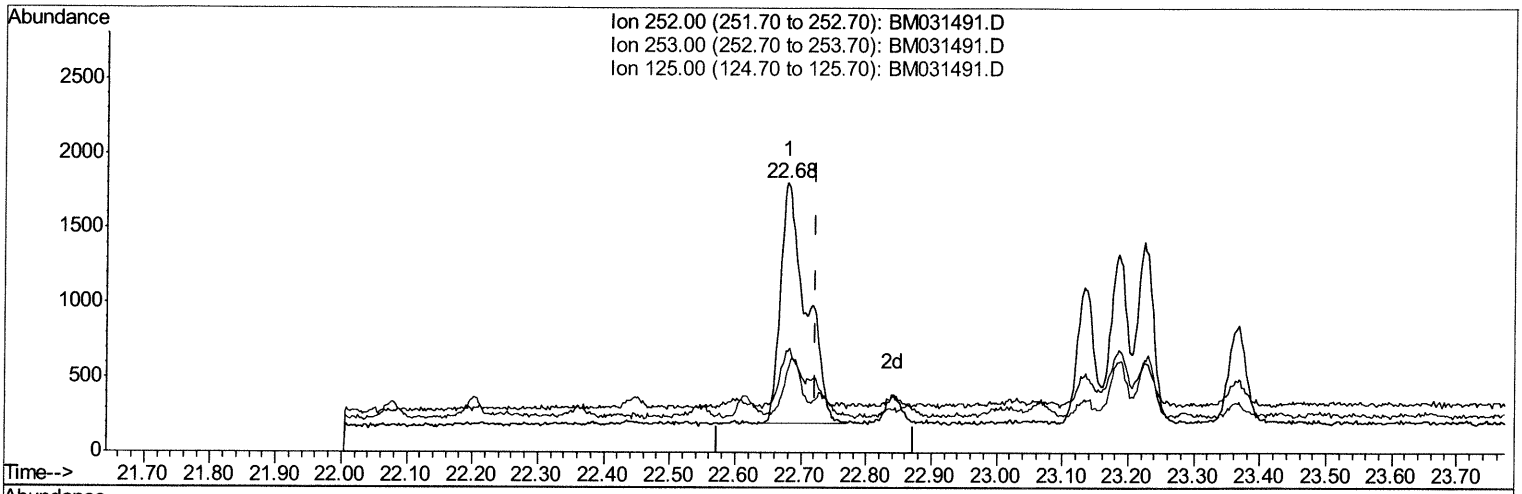
Quantitation Report (Qedit)

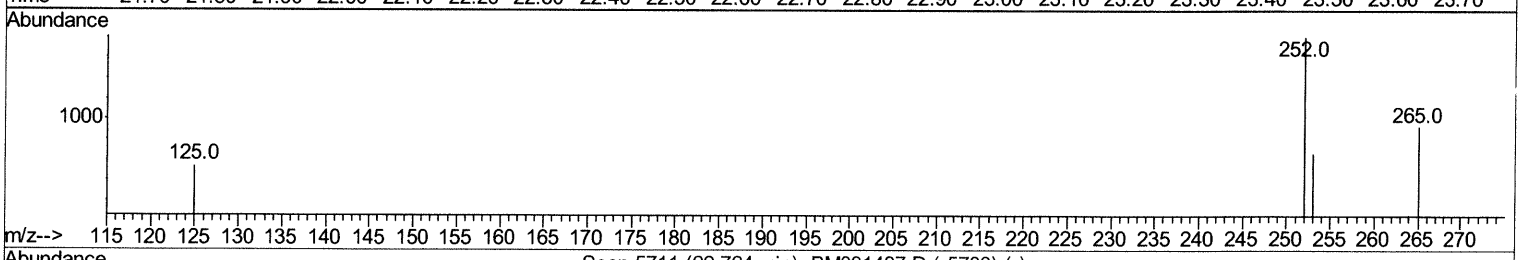
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

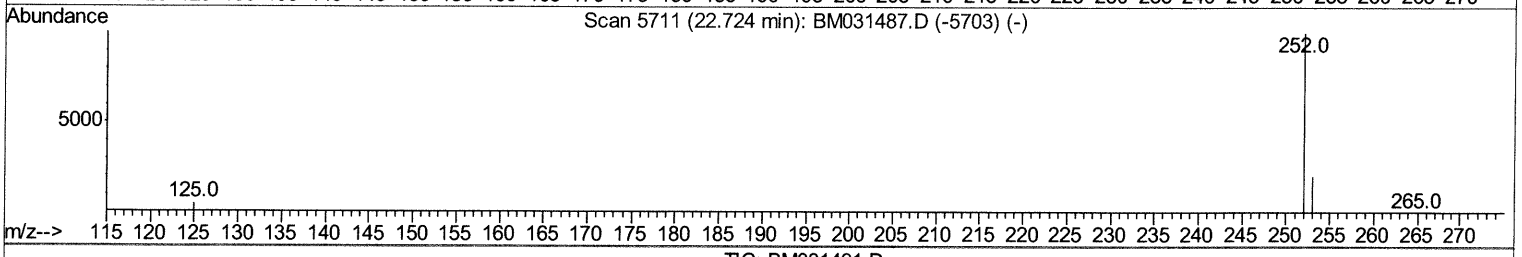
Quant Time: Aug 06 01:47:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM







TIC: BM031491.D

(25) Benzo(k)fluoranthene

22.679min (-0.044) 0.21ng/ul

response 4366

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	37.30#
125.00	11.00	30.05#
0.00	0.00	0.00

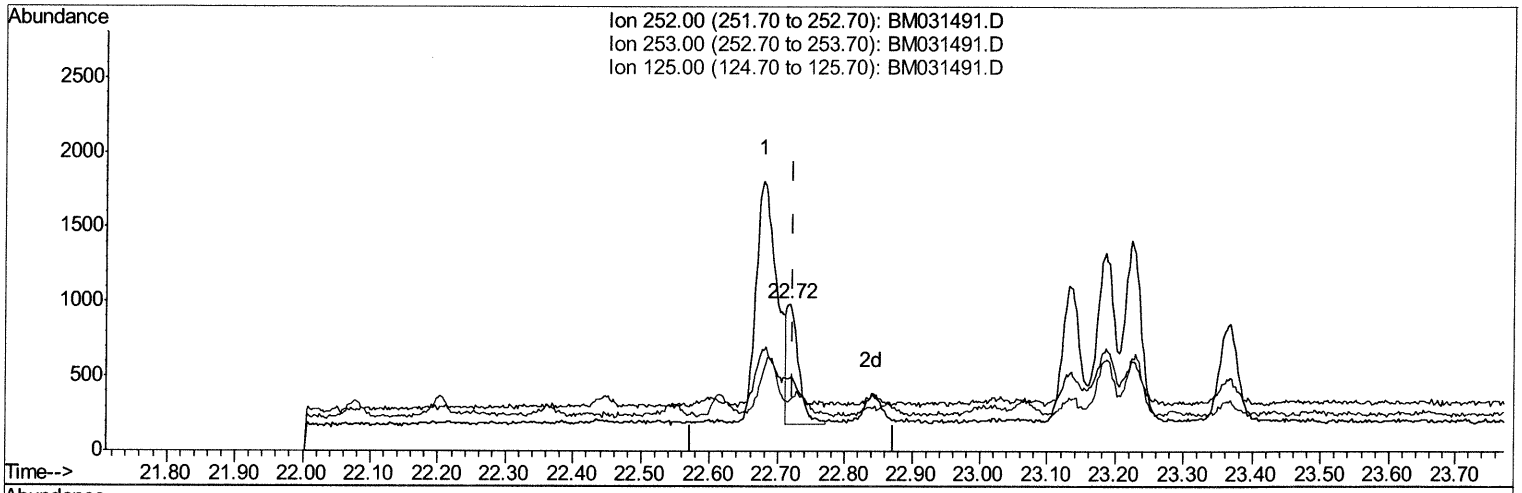
Quantitation Report (Qedit)

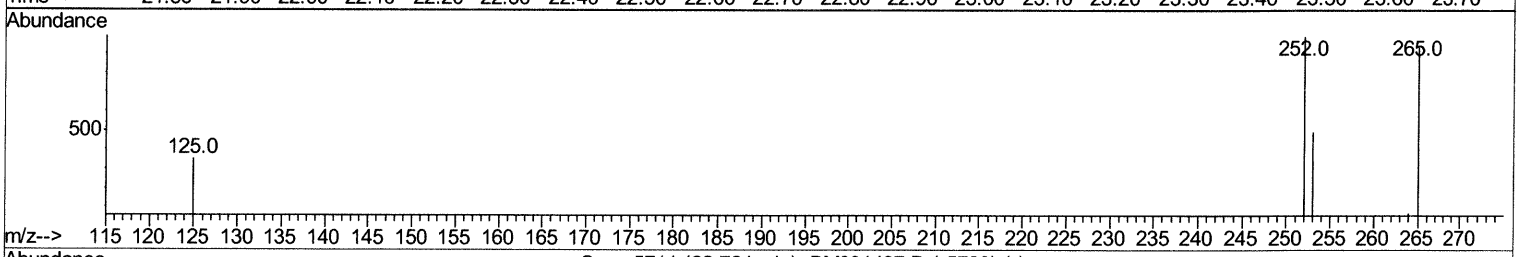
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

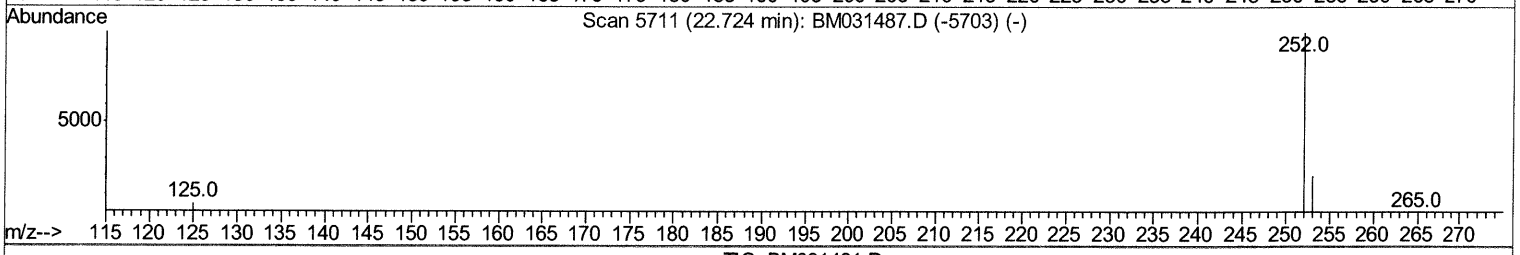
Quant Time: Aug 06 01:47:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM







TIC: BM031491.D

(25) Benzo(k)fluoranthene

22.718min (-0.005) 0.05ng/ul m 08/09/21 JU

response 1017

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	49.60#
125.00	11.00	35.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031491.D
Acq On : 05 Aug 2021 20:45
Operator : CG/JU
Sample : M3162-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGES4

Manual Integrations APPROVED
mohammad
8/6/2021 2:49:08 PM

Quant Time: Aug 06 01:48:35 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1187	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	4637	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	3073	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	5638	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4275	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4445	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	8631	6.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	3627	0.46	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	7139	0.50	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.01	178	1284	0.072	ng/ul#	92
19) Fluoranthene	19.03	202	4071	0.223	ng/ul#	95
20) Pyrene	19.40	202	3610m>	0.195	ng/ul>	08/09/21 JU
21) Benzo(a)anthracene	21.15	228	1617	0.094	ng/ul	91
22) Chrysene	21.20	228	2288m	0.128	ng/ul	
24) Benzo(b)fluoranthene	22.68	252	3432m	0.171	ng/ul	08/09/21 JU
25) Benzo(k)fluoranthene	22.72	252	1017m	0.049	ng/ul	
26) Benzo(a)pyrene	23.22	252	2024	0.115	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.46	276	1573	0.069	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.46	278	389	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.11	276	1624	0.084	ng/ul#	83

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