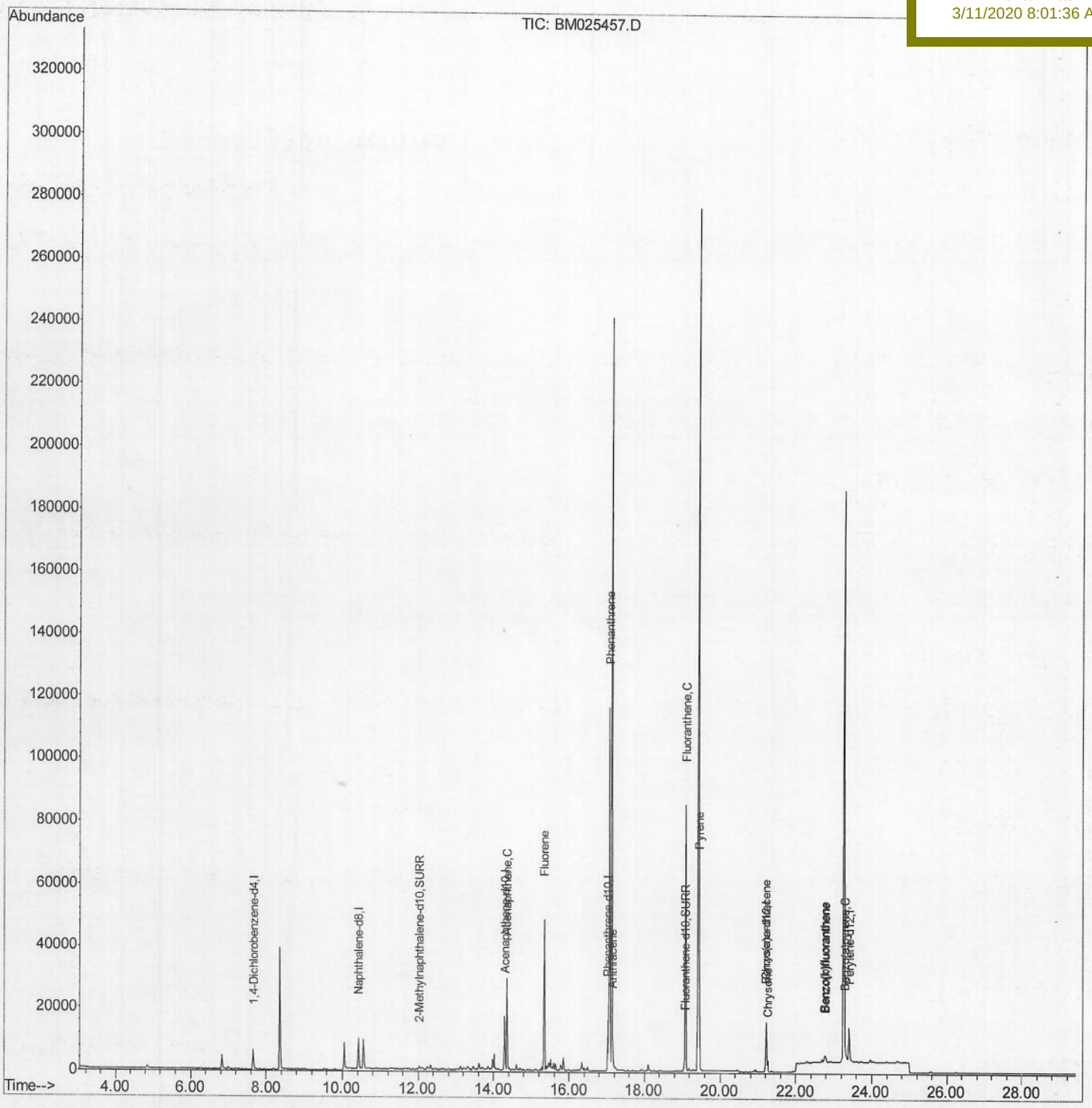
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025457.D
Acq On : 10 Mar 2020 17:48
Operator : CG/JU
Sample : L1617-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Mar 10 18:21:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDT3DL

Manual Integrations APPROVED
mohammad
3/11/2020 8:01:36 AM



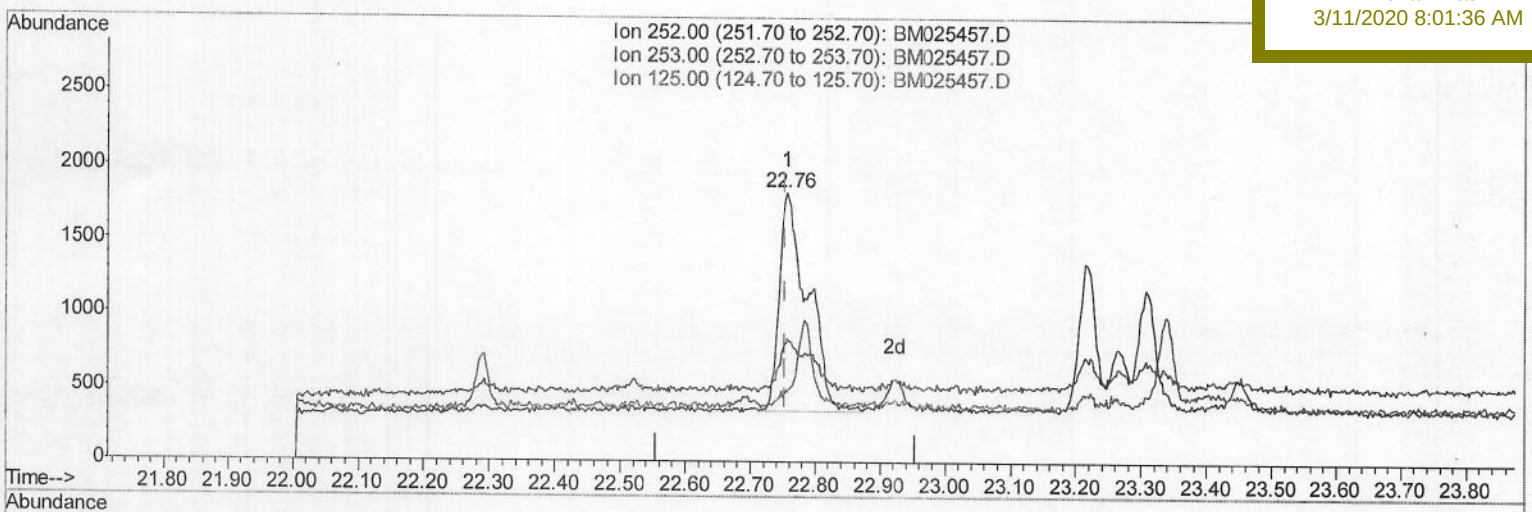
Quantitation Report (Qedit)

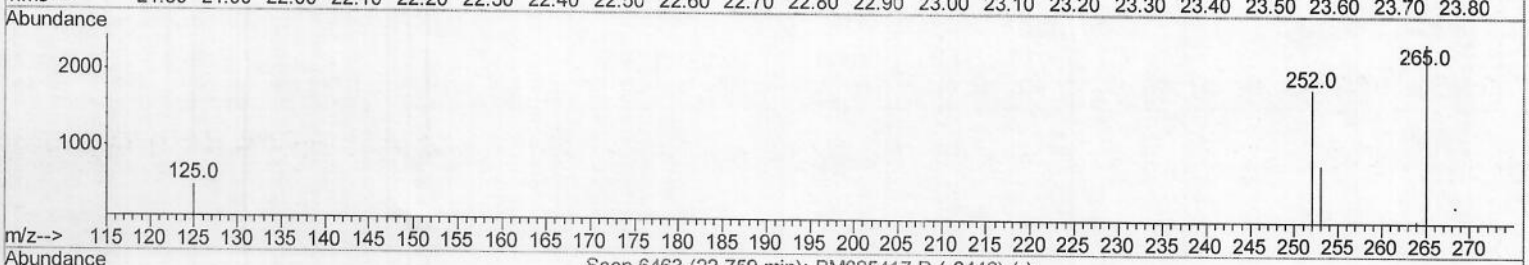
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025457.D
Acq On : 10 Mar 2020 17:48
Operator : CG/JU
Sample : L1617-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

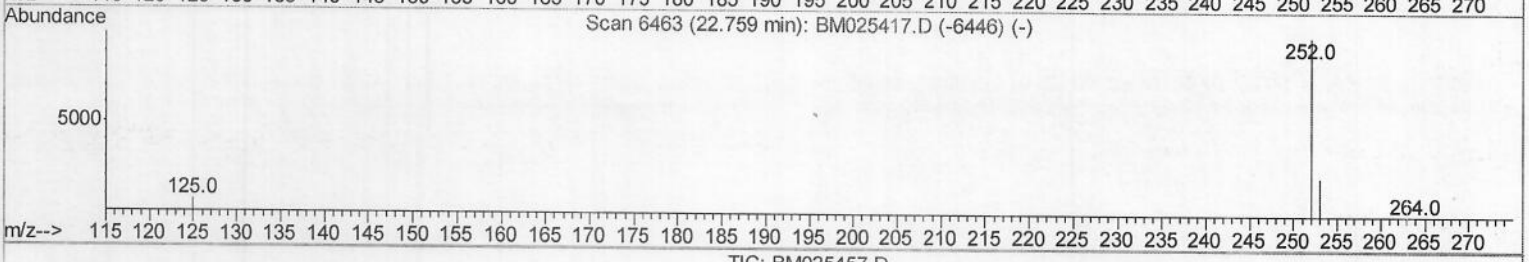
Quant Time: Mar 10 18:20:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDT3DL

Manual Integrations APPROVED
mohammad
3/11/2020 8:01:36 AM







TIC: BM025457.D

(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.09ng/ul

response 4537

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	45.89
125.00	8.80	25.77#
0.00	0.00	0.00

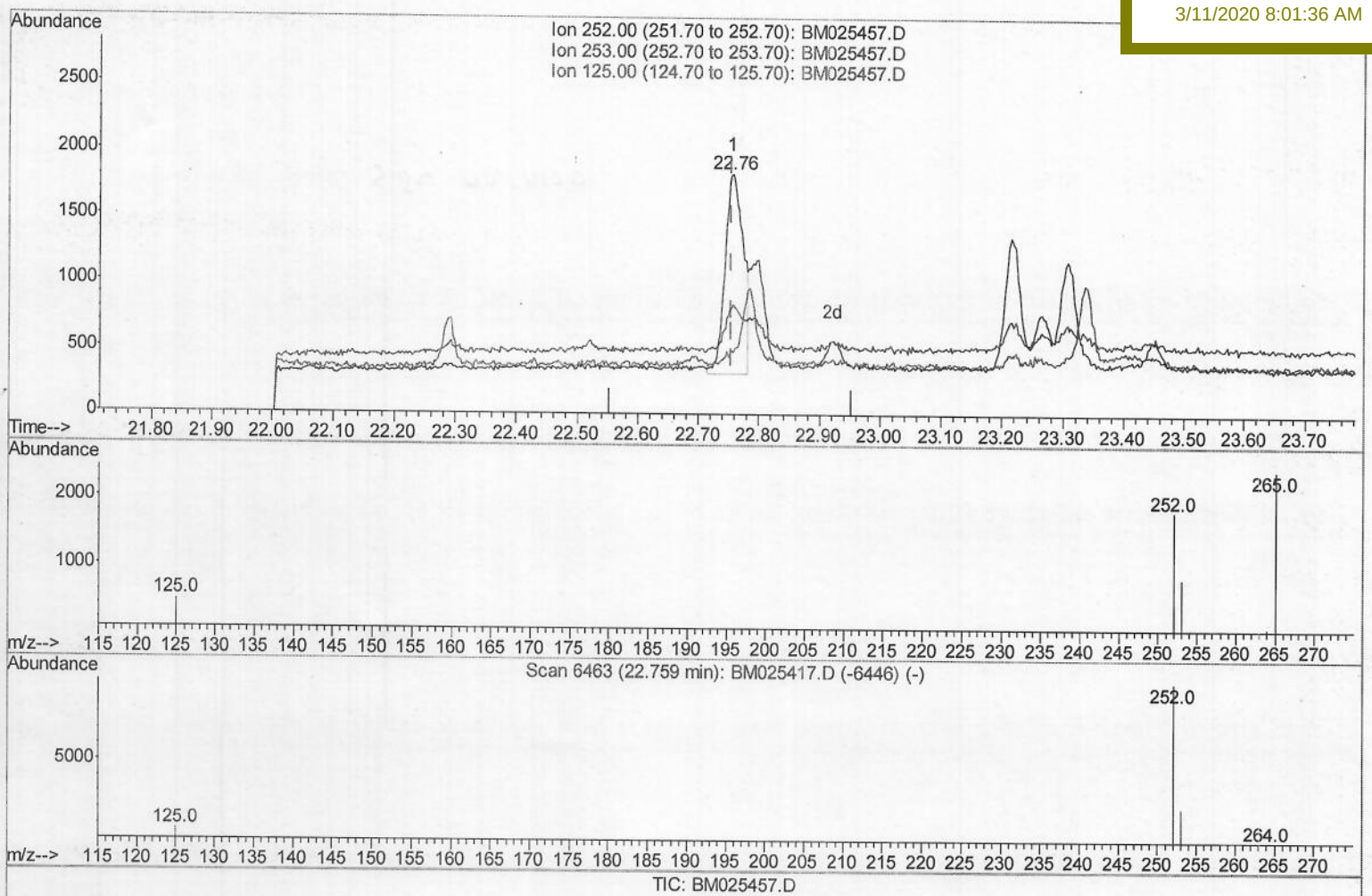
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025457.D
Acq On : 10 Mar 2020 17:48
Operator : CG/JU
Sample : L1617-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Mar 10 18:20:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDT3DL

Manual Integrations APPROVED
mohammad
3/11/2020 8:01:36 AM



TIC: BM025457.D

(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.06ng/ul m SV 03/11/20

response 3174

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	45.89
125.00	8.80	25.77#
0.00	0.00	0.00

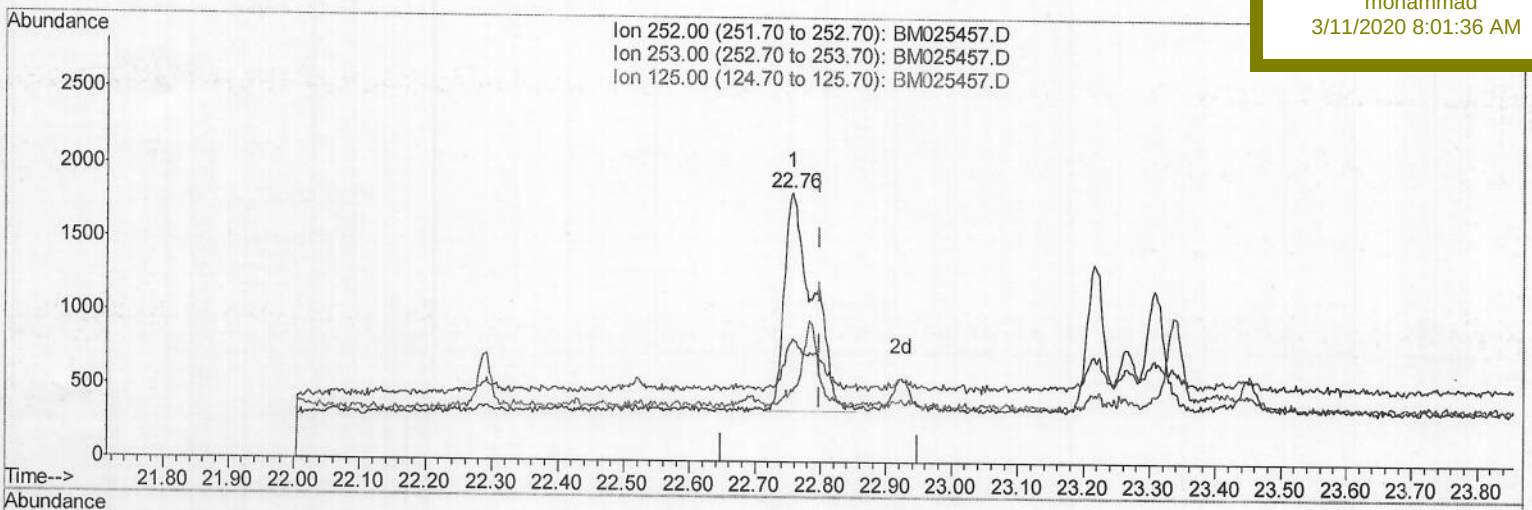
Quantitation Report (Qedit)

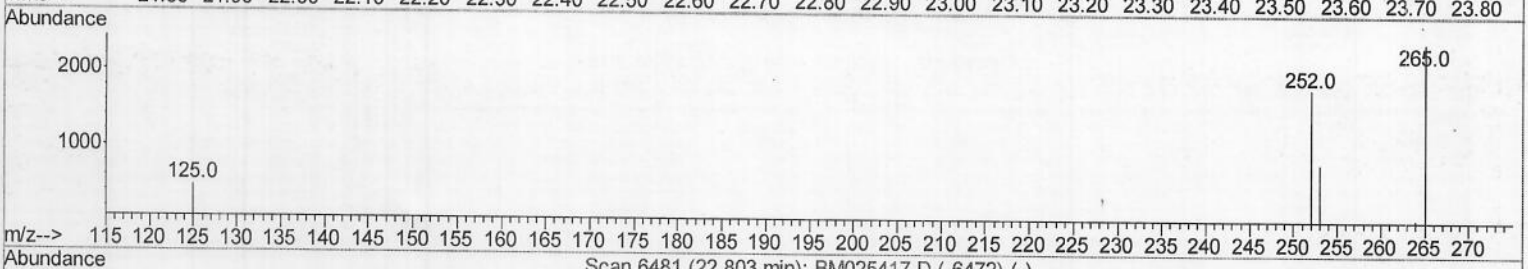
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025457.D
Acq On : 10 Mar 2020 17:48
Operator : CG/JU
Sample : L1617-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

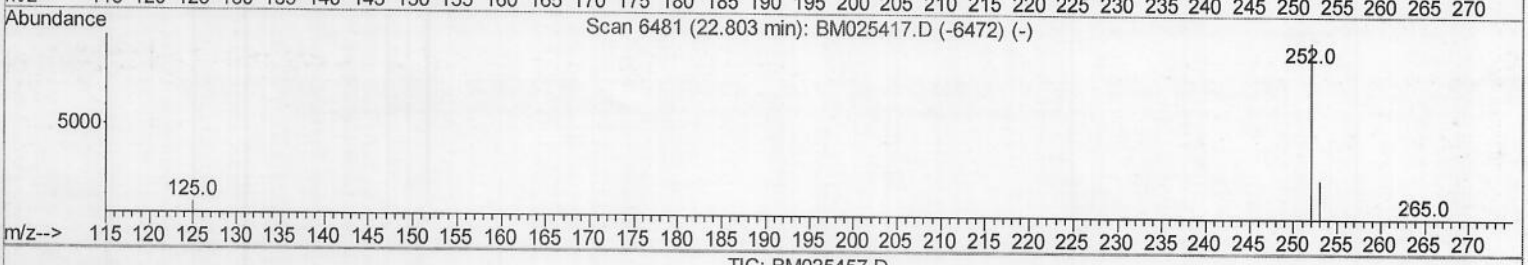
Quant Time: Mar 10 18:20:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDT3DL

Manual Integrations APPROVED
mohammad
3/11/2020 8:01:36 AM







TIC: BM025457.D

(22) Benzo(k)fluoranthene

22.757min (-0.041) 0.08ng/ul

response 4507

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	45.89#
125.00	8.90	25.77#
0.00	0.00	0.00

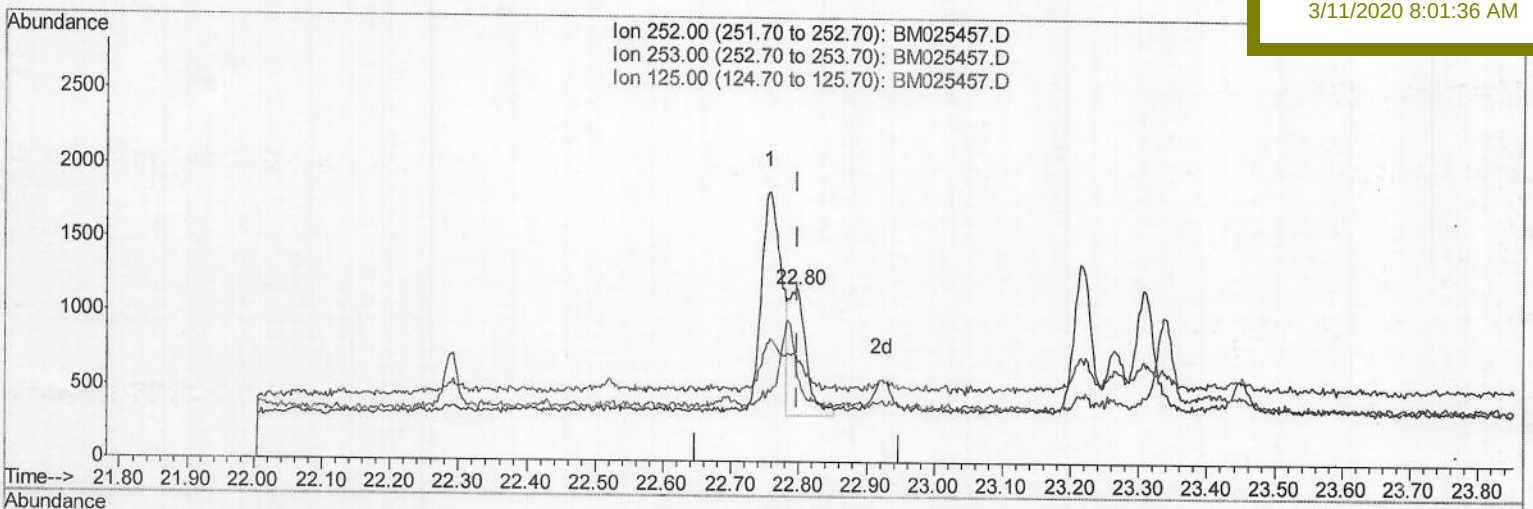
Quantitation Report (Qedit)

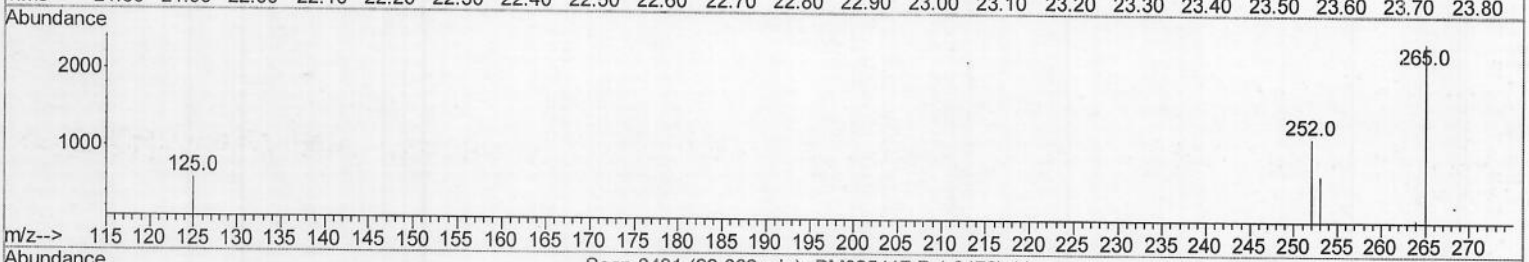
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025457.D
Acq On : 10 Mar 2020 17:48
Operator : CG/JU
Sample : L1617-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

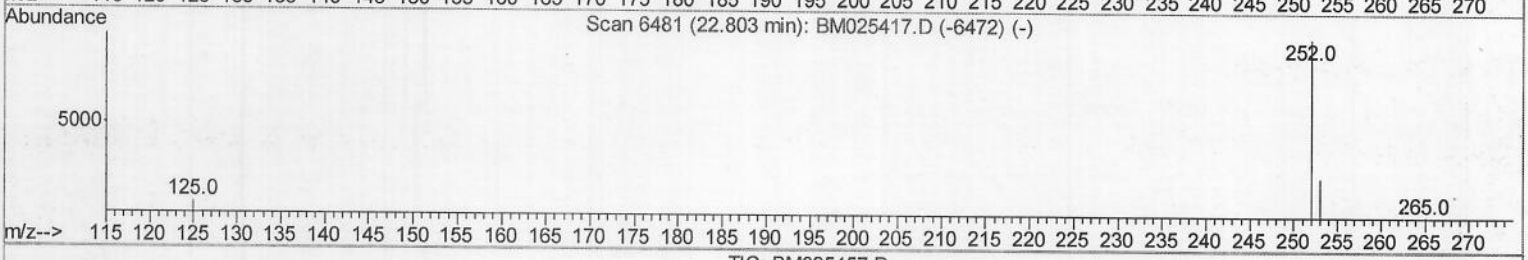
Quant Time: Mar 10 18:20:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDT3DL

Manual Integrations APPROVED
mohammad
3/11/2020 8:01:36 AM







TIC: BM025457.D

(22) Benzo(k)fluoranthene

22.798min (+0.000) 0.03ng/ul m JV 03111120

response 1568

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	58.13#
125.00	8.90	49.19#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025457.D
Acq On : 10 Mar 2020 17:48
Operator : CG/JU
Sample : L1617-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Mar 10 18:21:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBDT3DL

Manual Integrations APPROVED
mohammad
3/11/2020 8:01:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3122	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13300	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9260	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19248	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13225	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	13476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1551	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3176	0.06	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.35	153	16614	0.501	ng/ul	100
9) Fluorene	15.34	166	30026	0.743	ng/ul	100
12) Phenanthrene	17.07	178	115168	1.888	ng/ul	99
13) Anthracene	17.16	178	7222	0.136	ng/ul	98
15) Fluoranthene	19.09	202	75003	1.134	ng/ul	99
17) Pyrene	19.45	202	47167	0.795	ng/ul	98
18) Benzo(a)anthracene	21.21	228	3368	0.071	ng/ul	96
19) Chrysene	21.26	228	3739	0.070	ng/ul	96
21) Benzo(b)fluoranthene	22.76	252	3174m)	0.059	ng/ul	} JD 03/11/20
22) Benzo(k)fluoranthene	22.80	252	1568m)	0.028	ng/ul	
23) Benzo(a)pyrene	23.31	252	1535	0.035	ng/ul#	34

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