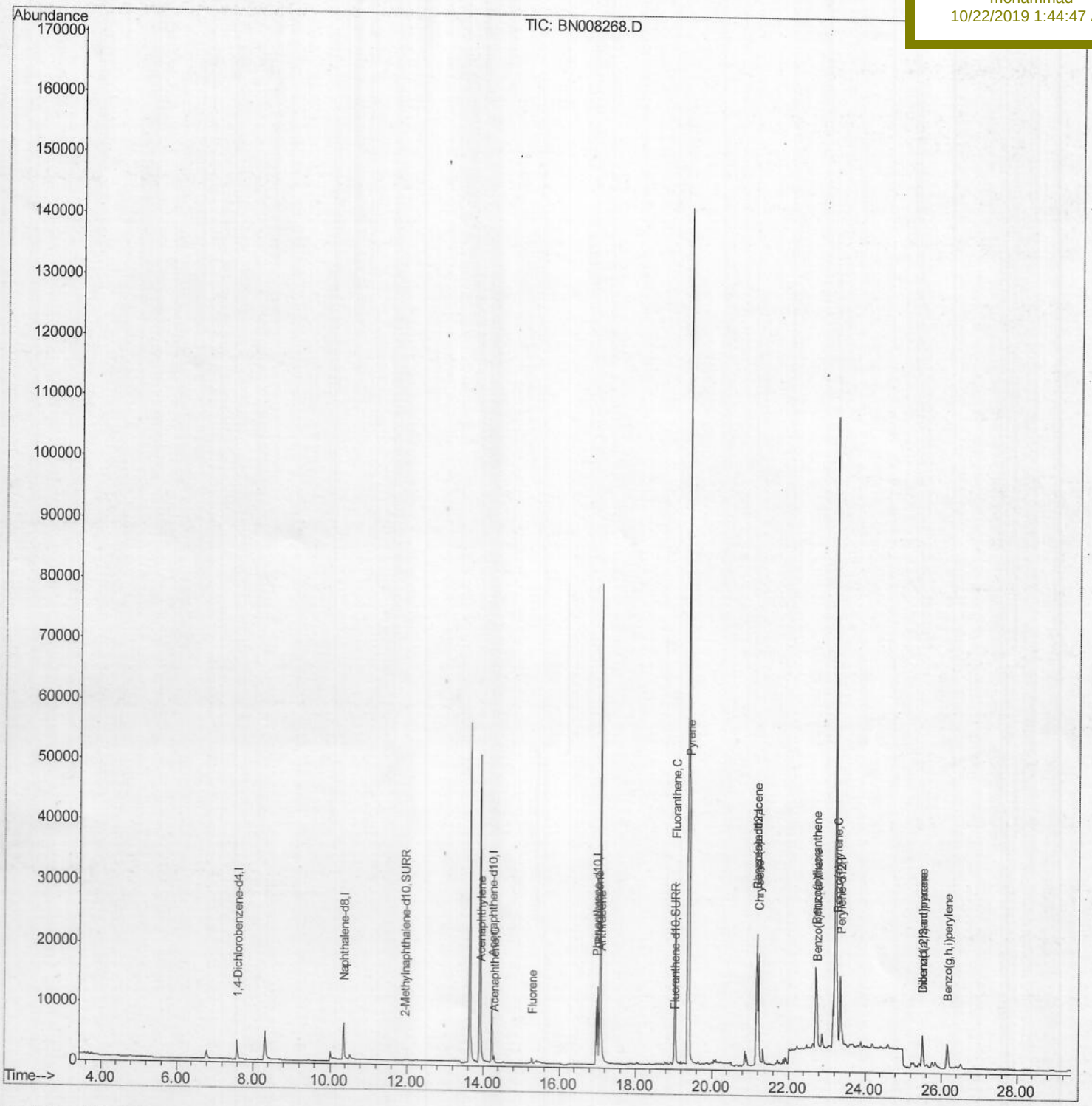
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
Data File : BN008268.D
Acq On : 19 Oct 2019 14:04
Operator : JU
Sample : K5177-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 21 15:16:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 22:25:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:47 AM



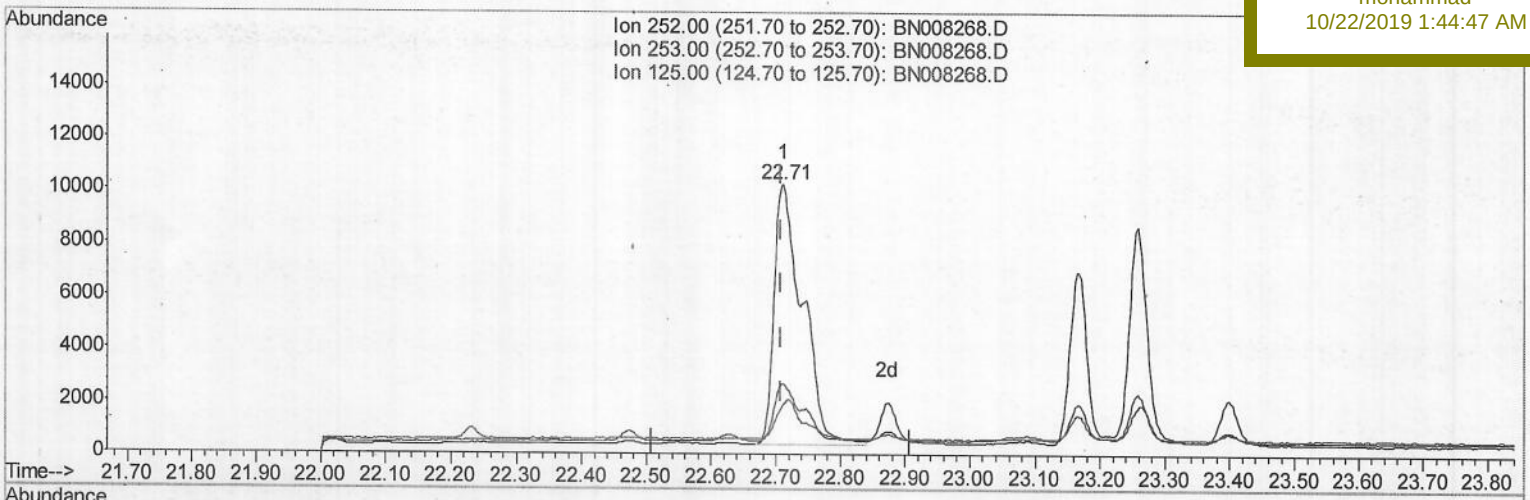
Quantitation Report (Qedit)

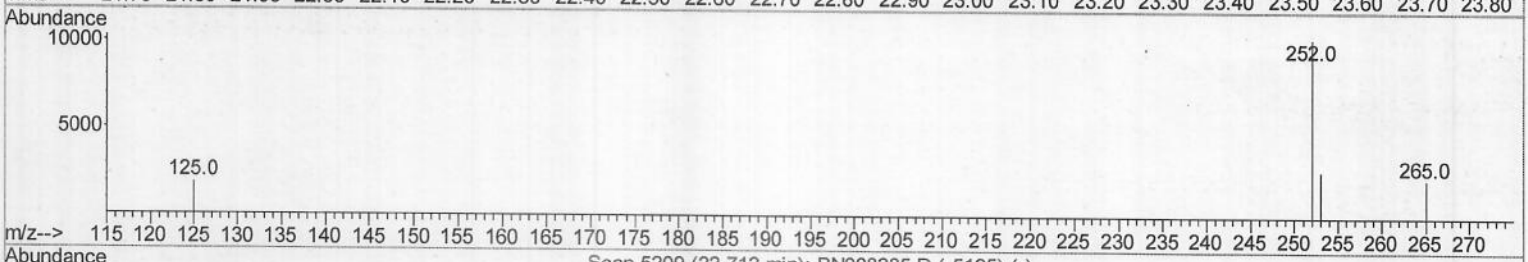
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
Data File : BN008268.D
Acq On : 19 Oct 2019 14:04
Operator : JU
Sample : K5177-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

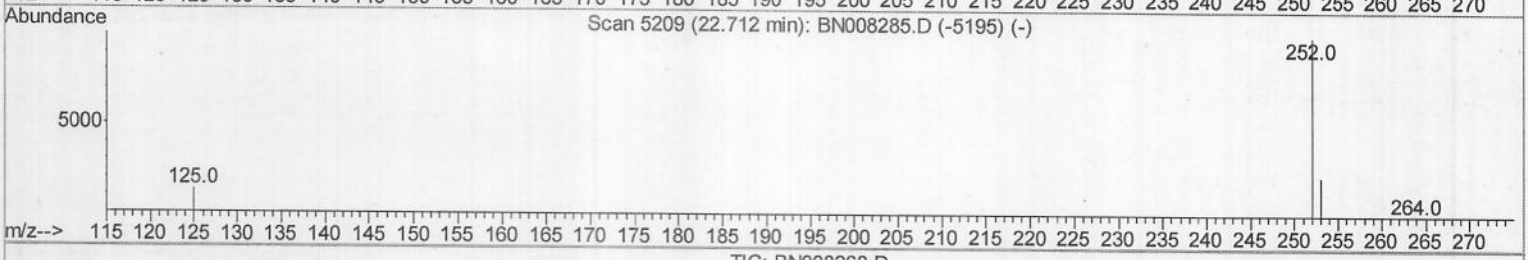
Quant Time: Oct 22 02:56:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:47 AM







TIC: BN008268.D

(21) Benzo(b)fluoranthene

22.712min (+0.003) 0.69ng/ul

response 30400

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.56
125.00	16.20	18.55
0.00	0.00	0.00

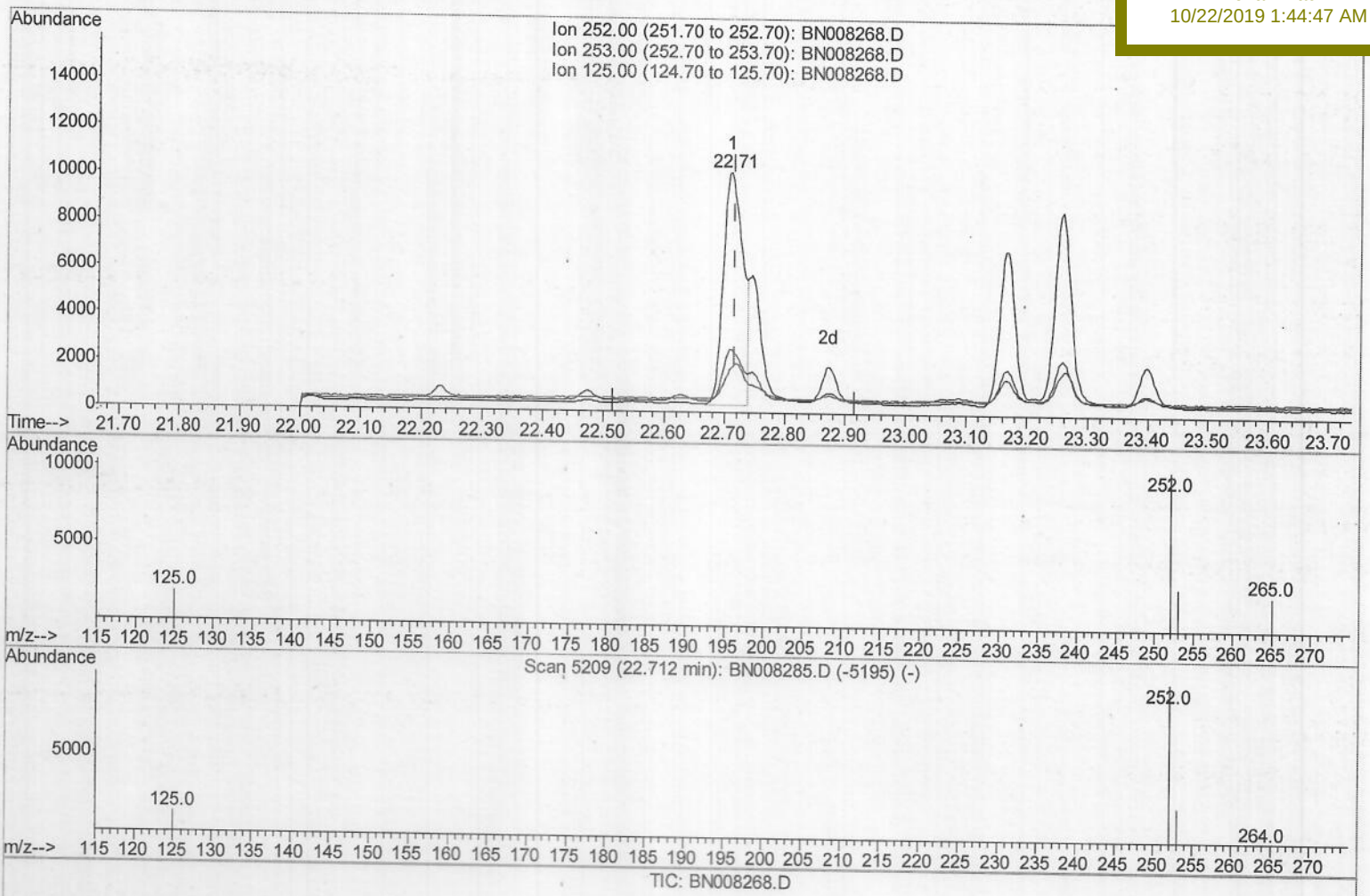
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
Data File : BN008268.D
Acq On : 19 Oct 2019 14:04
Operator : JU
Sample : K5177-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 21 15:16:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 22:25:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:47 AM



TIC: BN008268.D

(21) Benzo(b)fluoranthene

22.712min (-0.006) 0.44ng/ul m) JU 10/21/19

response 22141

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.56
125.00	16.20	18.55
0.00	0.00	0.00

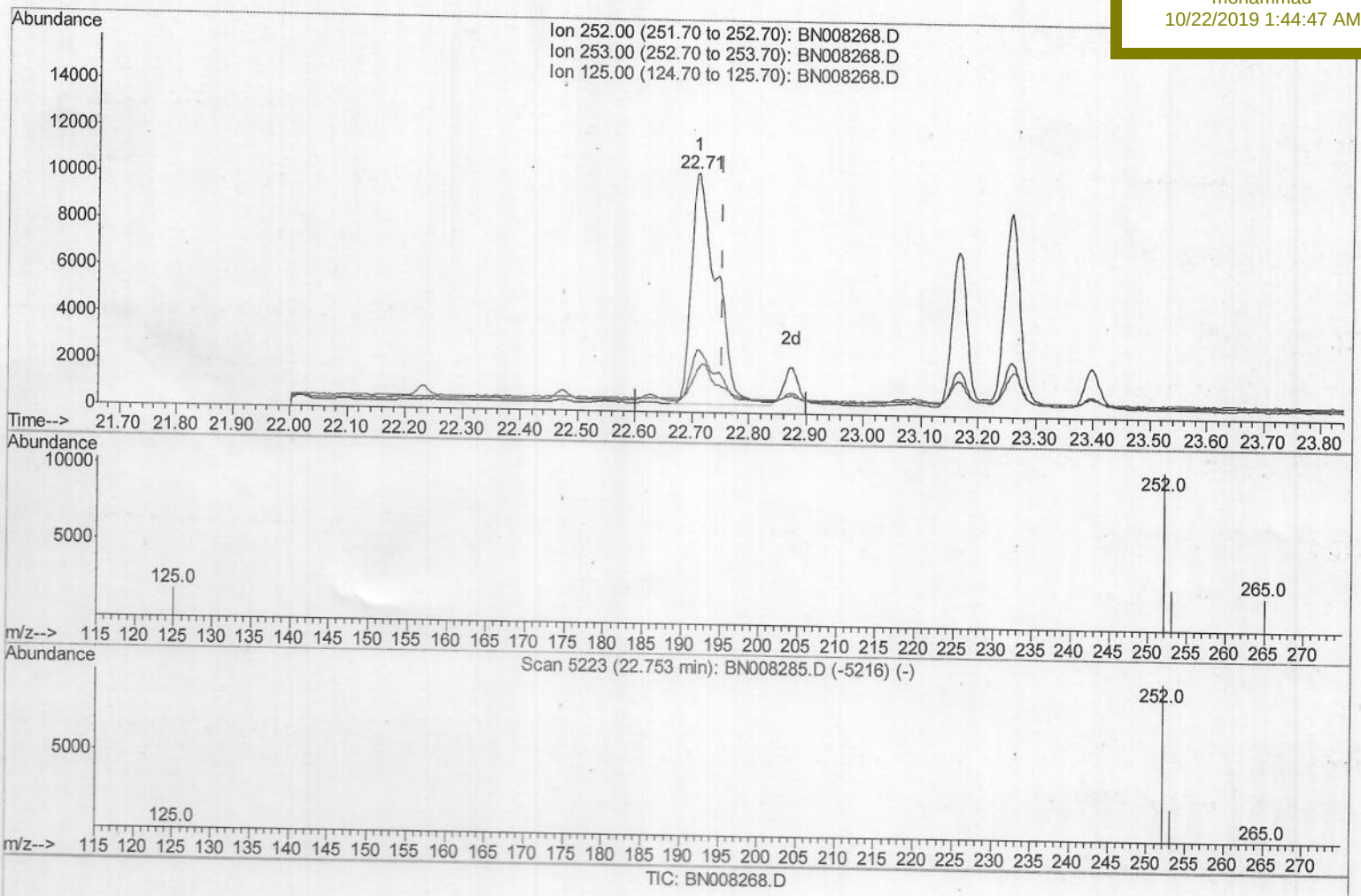
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
Data File : BN008268.D
Acq On : 19 Oct 2019 14:04
Operator : JU
Sample : K5177-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 22 02:56:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:47 AM



TIC: BN008268.D

(22) Benzo(k)fluoranthene

22.712min (-0.041) 0.61ng/ul

response 30423

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.56
125.00	15.40	18.55#
0.00	0.00	0.00

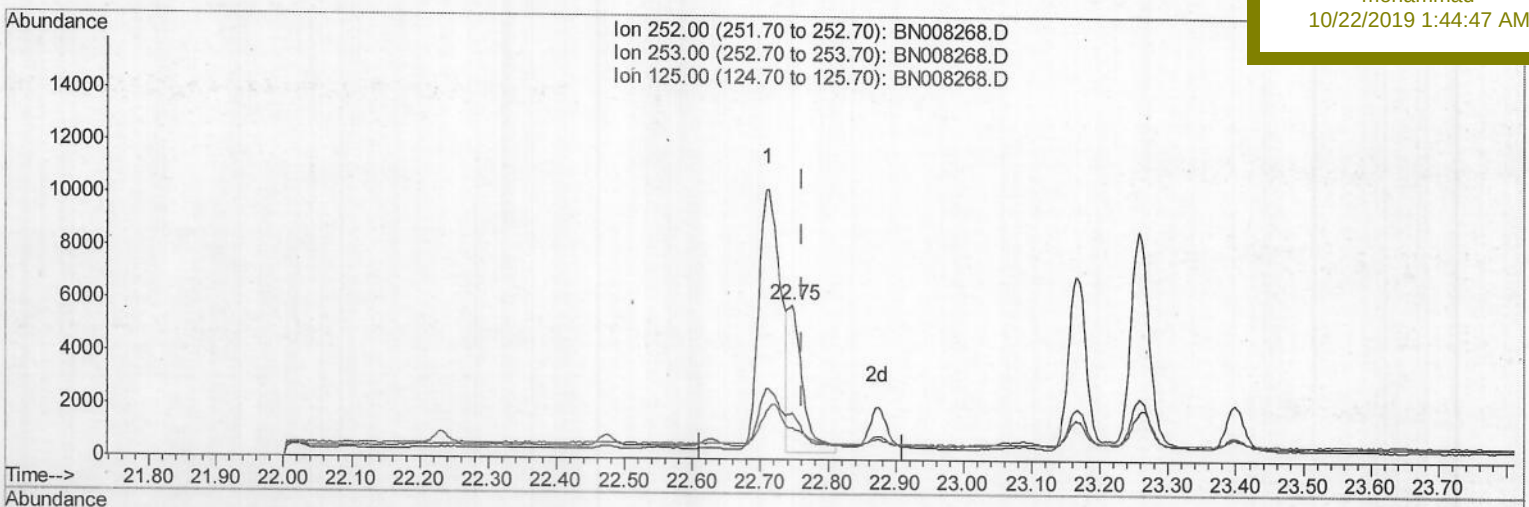
Quantitation Report (Qedit)

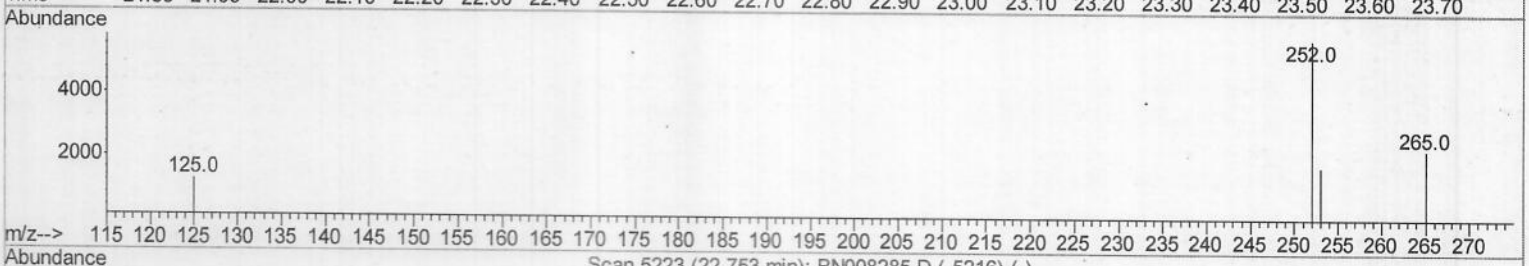
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
Data File : BN008268.D
Acq On : 19 Oct 2019 14:04
Operator : JU
Sample : K5177-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

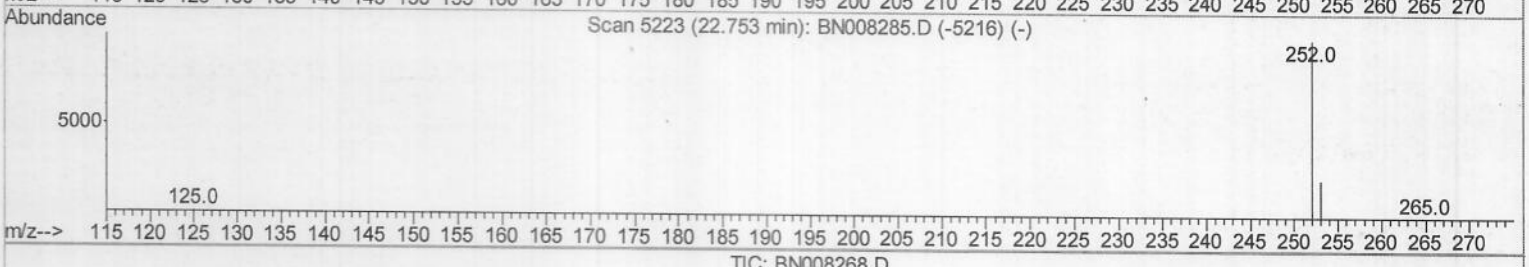
Quant Time: Oct 21 15:16:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 22:25:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:47 AM







TIC: BN008268.D

(22) Benzo(k)fluoranthene

22.747min (-0.015) 0.15ng/ul m JU 10/21/19

response 8606

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.82
125.00	15.40	20.71#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
Data File : BN008268.D
Acq On : 19 Oct 2019 14:04
Operator : JU
Sample : K5177-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 21 15:16:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 22:25:11 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPC6DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:47 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1980	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	9574	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6430	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14069	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14513	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	15521	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	437	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1507	0.03	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.95	152	875	0.029	ng/ul#	80
8) Acenaphthene	14.29	153	718	0.030	ng/ul	95
9) Fluorene	15.28	166	687	0.025	ng/ul#	95
12) Phenanthrene	17.02	178	14564	0.354	ng/ul	100
13) Anthracene	17.11	178	2537	0.070	ng/ul#	92
15) Fluoranthene	19.04	202	27702	0.509	ng/ul	97
17) Pyrene	19.40	202	33798	0.585	ng/ul	99
18) Benzo(a)anthracene	21.16	228	18070	0.342	ng/ul	97
19) Chrysene	21.22	228	19298	0.298	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	22141m	0.438	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	8606m	0.150	ng/ul	
23) Benzo(a)pyrene	23.26	252	15616	0.294	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.51	276	8946	0.143	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.51	278	2028	0.041	ng/ul#	65
26) Benzo(g,h,i)perylene	26.16	276	8556	0.149	ng/ul	95

JU 10/21/19

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