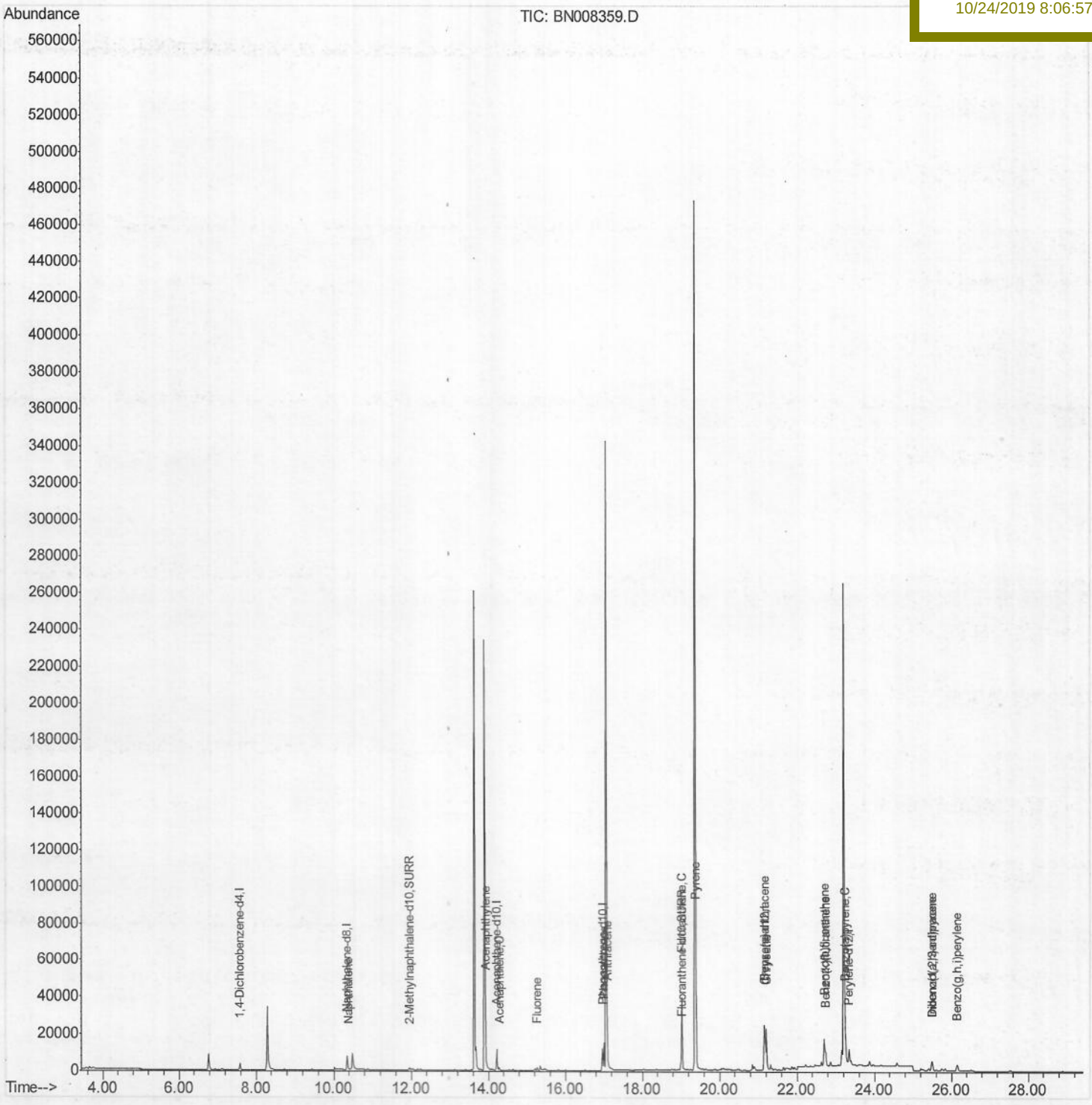
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008359.D
Acq On : 23 Oct 2019 20:55
Operator : JU
Sample : K5223-17DL 2X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Oct 24 02:03:02 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPA5DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:57 AM



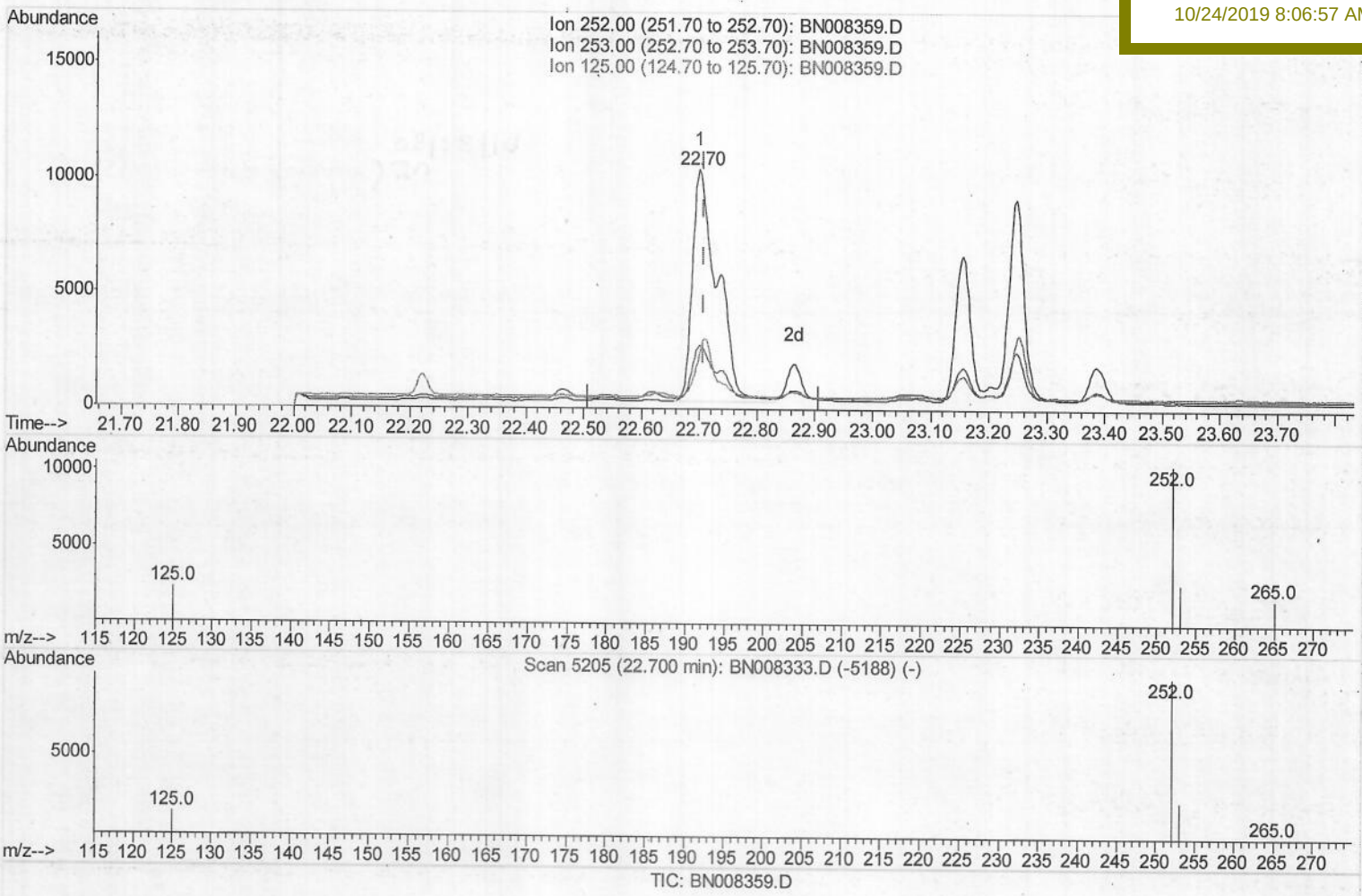
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008359.D
Acq On : 23 Oct 2019 20:55
Operator : JU
Sample : K5223-17DL 2X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Oct 24 01:39:02 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPA5DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:57 AM



TIC: BN008359.D

(21) Benzo(b)fluoranthene

22.700min (-0.009) 0.94ng/ul

response 30764

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.36
125.00	16.20	22.92
0.00	0.00	0.00

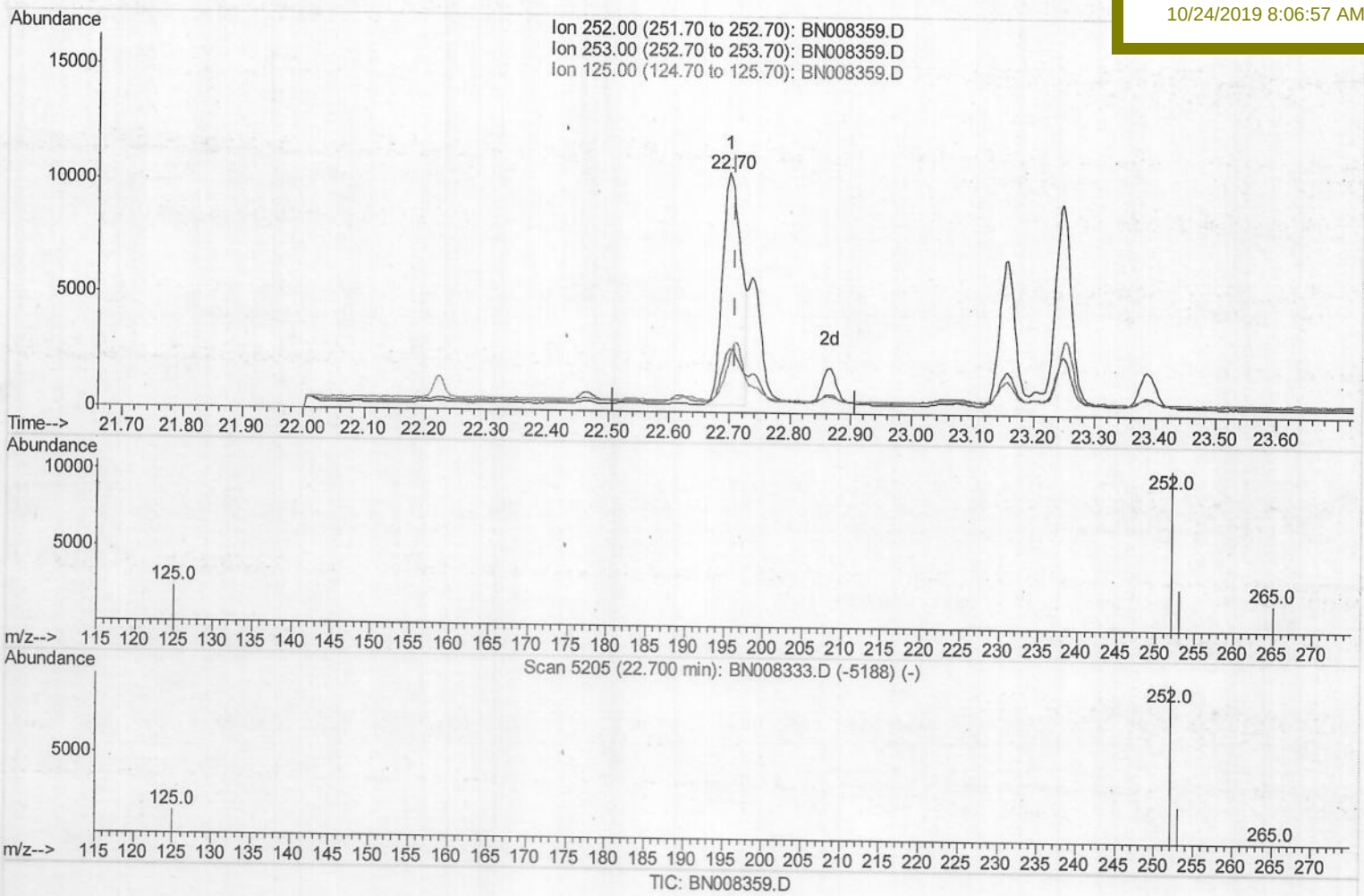
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008359.D
Acq On : 23 Oct 2019 20:55
Operator : JU
Sample : K5223-17DL 2X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Oct 24 01:39:02 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPA5DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:57 AM



TIC: BN008359.D

(21) Benzo(b)fluoranthene

22.700min (-0.009) 0.66ng/ul m JU 10/24/19

response 21588

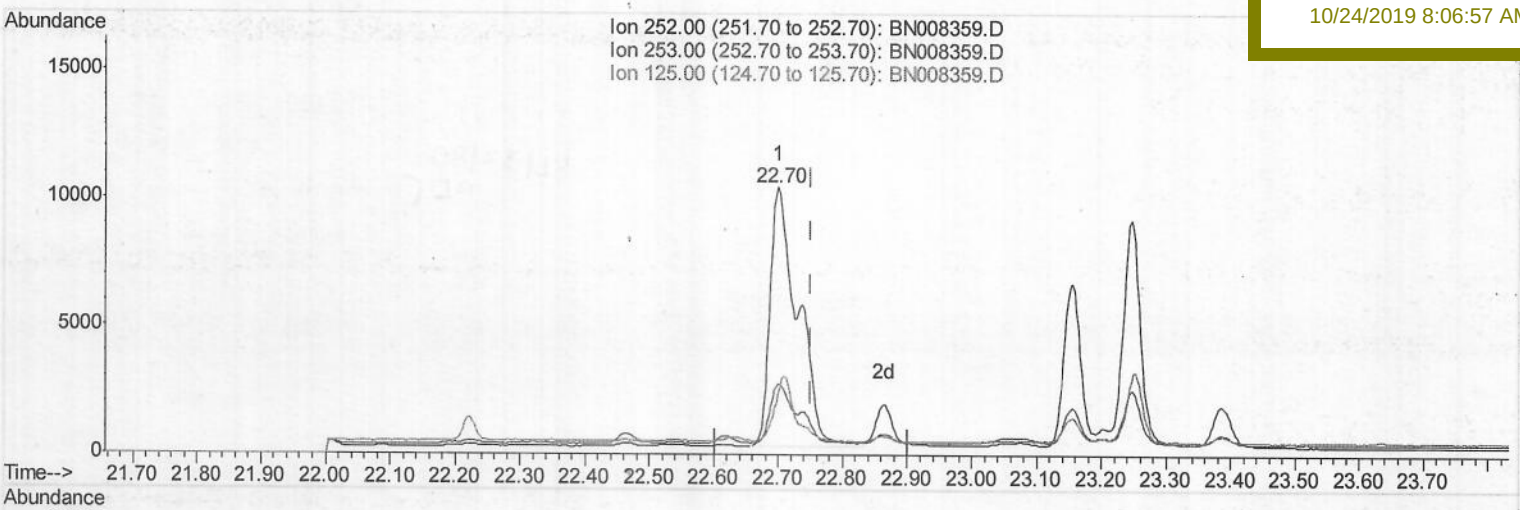
Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.36
125.00	16.20	22.92
0.00	0.00	0.00

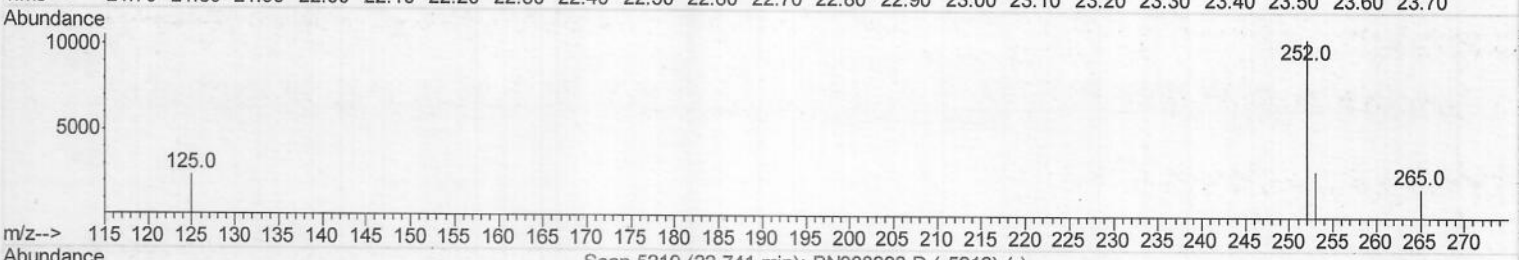
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008359.D
Acq On : 23 Oct 2019 20:55
Operator : JU
Sample : K5223-17DL 2X
Misc :
ALS Vial : 52 Sample Multiplier: 1

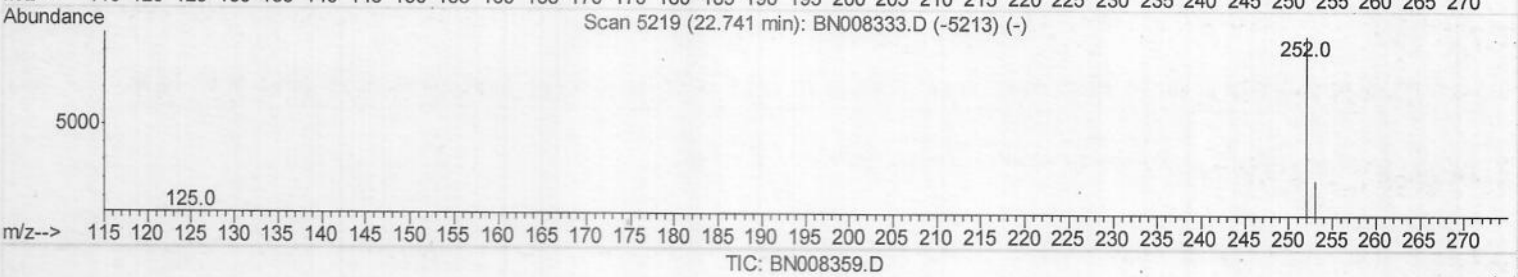
Quant Time: Oct 24 01:39:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPA5DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:57 AM







TIC: BN008359.D

(22) Benzo(k)fluoranthene

22.700min (-0.052) 0.83ng/ul

response 30764

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.36
125.00	15.40	22.92#
0.00	0.00	0.00

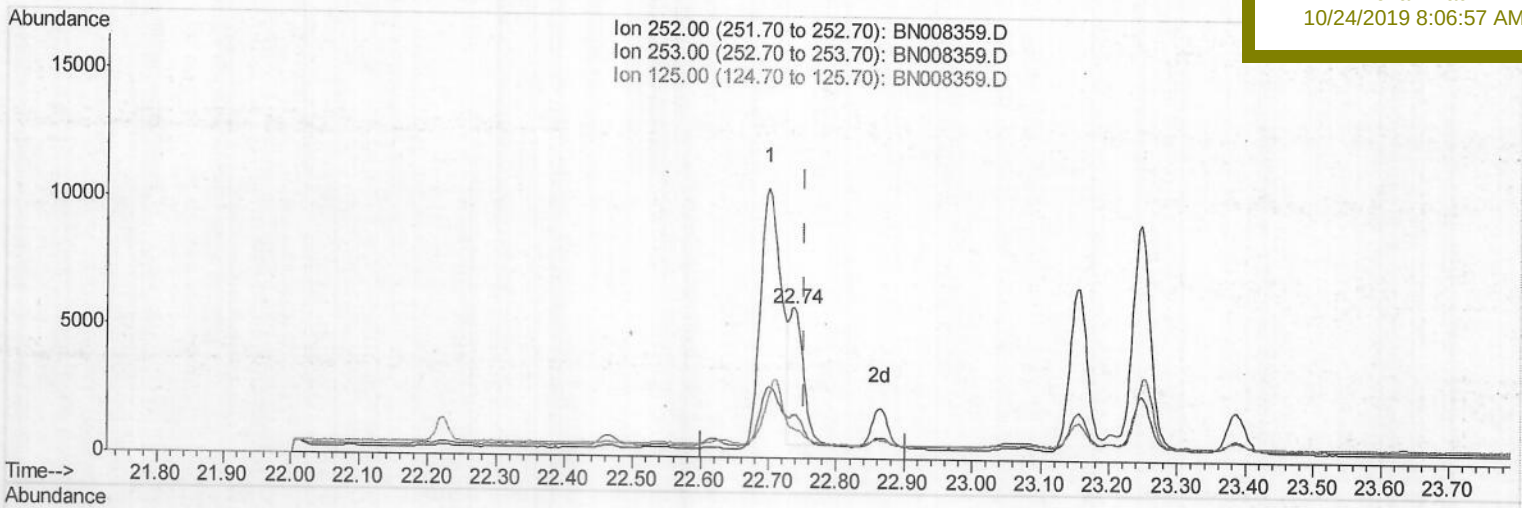
Quantitation Report (Qedit)

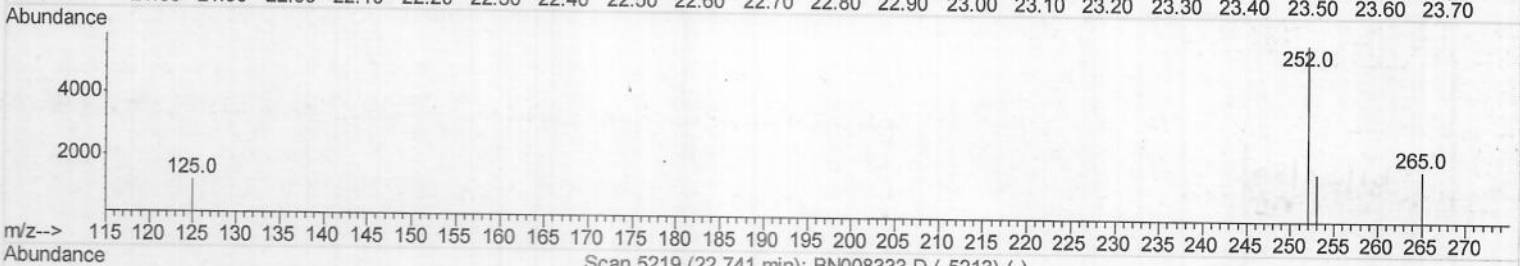
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008359.D
Acq On : 23 Oct 2019 20:55
Operator : JU
Sample : K5223-17DL 2X
Misc :
ALS Vial : 52 Sample Multiplier: 1

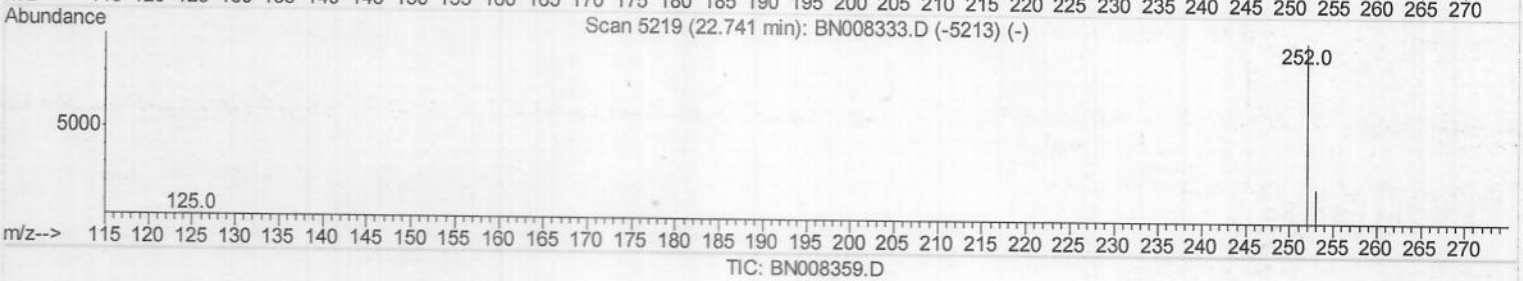
Quant Time: Oct 24 01:39:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPA5DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:57 AM







TIC: BN008359.D

(22) Benzo(k)fluoranthene

22.738min (-0.014) 0.22ng/ul m) JU 10/24/19

response 8172

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.86
125.00	15.40	19.85#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008359.D
Acq On : 23 Oct 2019 20:55
Operator : JU
Sample : K5223-17DL 2X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Oct 24 02:03:02 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPA5DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:57 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2080	0.40 ng/ul	-0.01
2) Naphthalene-d8	10.34	136	10028	0.40 ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	6359	0.40 ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13781	0.40 ng/ul	-0.01
16) Chrysene-d12	21.17	240	11905	0.40 ng/ul	0.00
20) Perylene-d12	23.34	264	10063	0.40 ng/ul	-0.01
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	11.95	152	1779	0.11 ng/ul	0.00
14) Fluoranthene-d10	19.00	212	5239	0.11 ng/ul	-0.01
Target Compounds					Qvalue
3) Naphthalene	10.39	128	640	0.022 ng/ul#	73
7) Acenaphthylene	13.93	152	936	0.031 ng/ul#	83
8) Acenaphthene	14.27	153	744	0.032 ng/ul	94
9) Fluorene	15.27	166	799	0.030 ng/ul#	95
12) Phenanthrene	17.00	178	15494	0.384 ng/ul	100
13) Anthracene	17.09	178	3001	0.085 ng/ul#	94
15) Fluoranthene	19.03	202	35733	0.671 ng/ul	96
17) Pyrene	19.40	202	41901	0.884 ng/ul	99
18) Benzo(a)anthracene	21.15	228	20591	0.476 ng/ul	97
19) Chrysene	21.21	228	23611	0.445 ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	21588m	0.659 ng/ul	
22) Benzo(k)fluoranthene	22.74	252	8172m	0.220 ng/ul	
23) Benzo(a)pyrene	23.25	252	16156	0.469 ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.49	276	8638	0.213 ng/ul#	92
25) Dibenzo(a,h)anthracene	25.49	278	2100	0.065 ng/ul#	71
26) Benzo(g,h,i)perylene	26.14	276	6957	0.187 ng/ul#	94

JU 10/24/19

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