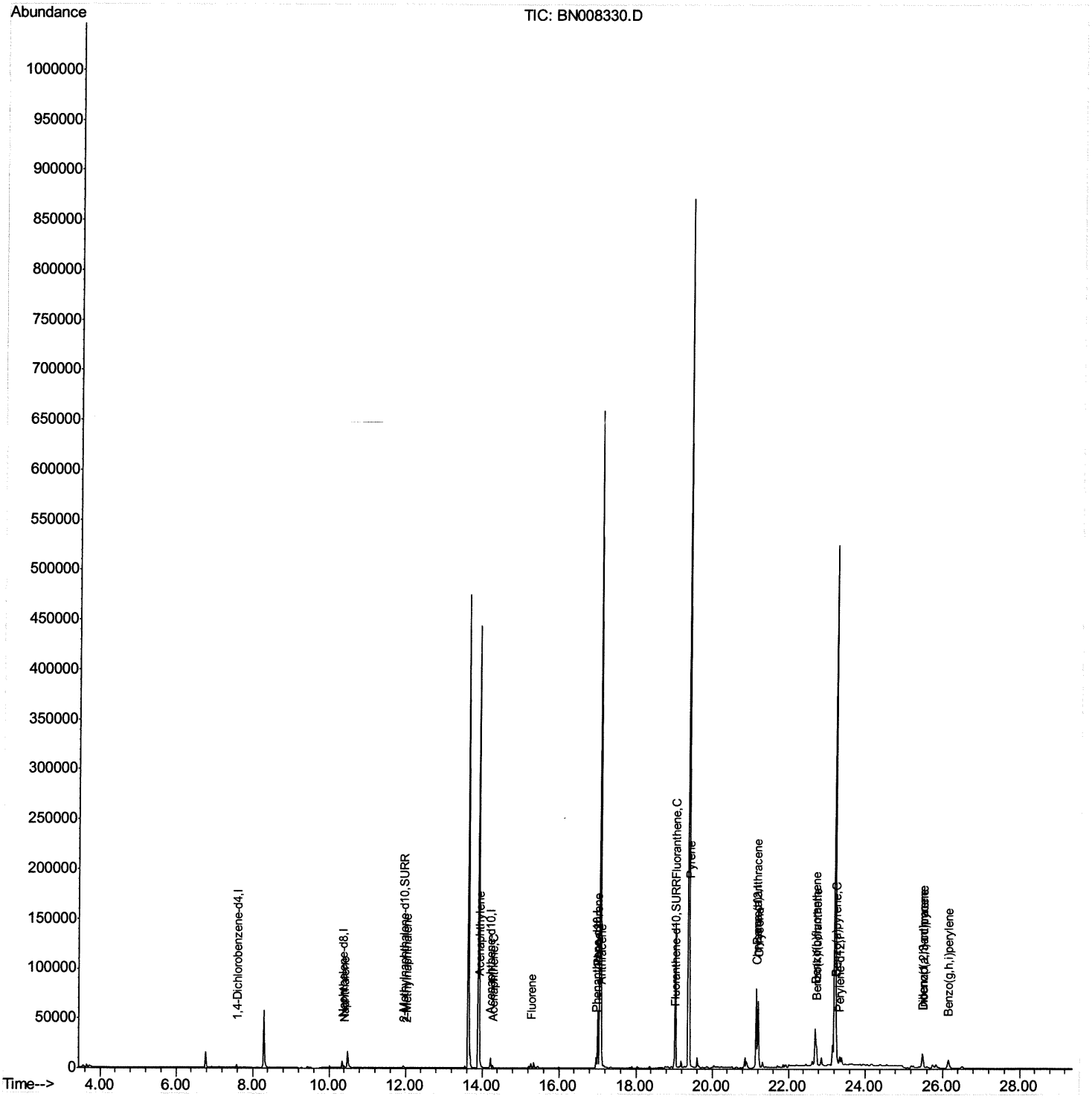
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 23 02:39:20 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 :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM



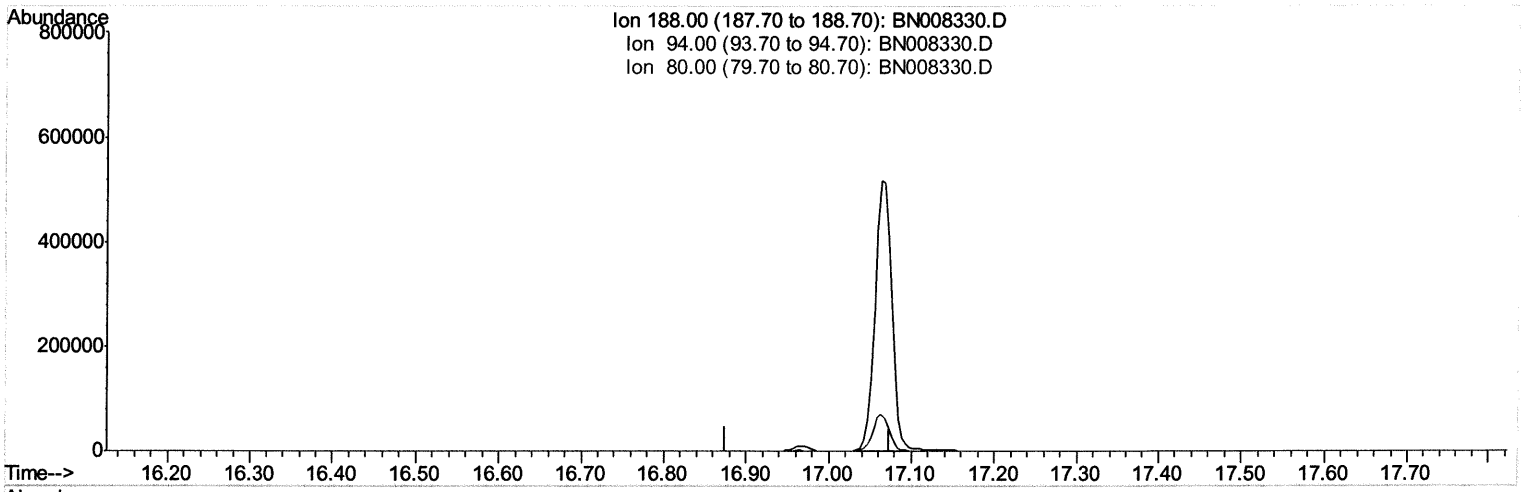
Quantitation Report (Qedit)

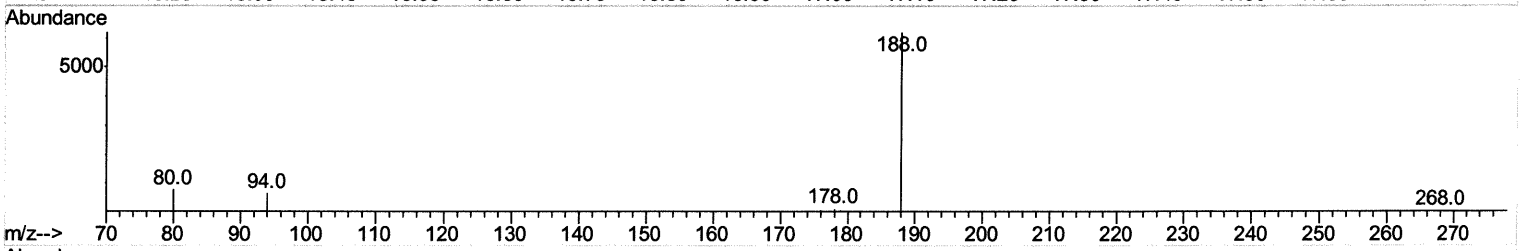
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

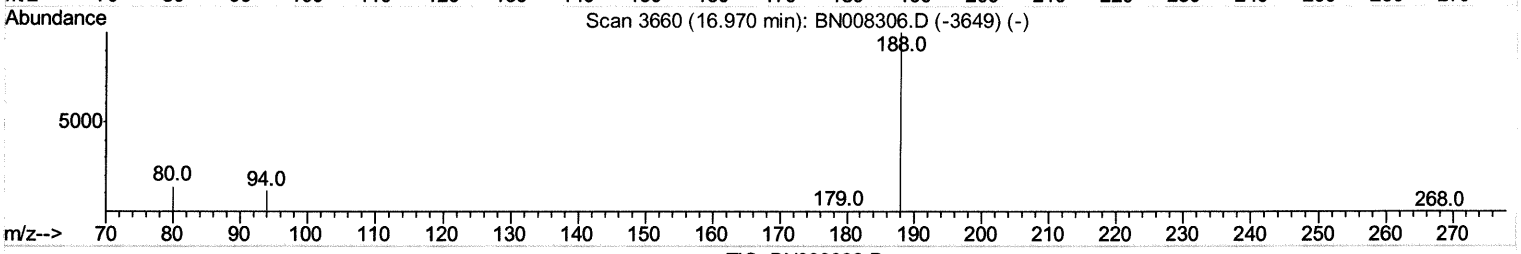
Quant Time: Oct 23 01:05:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM







(10) Phenanthrene-d10 (I)

16.975min (-16.975) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

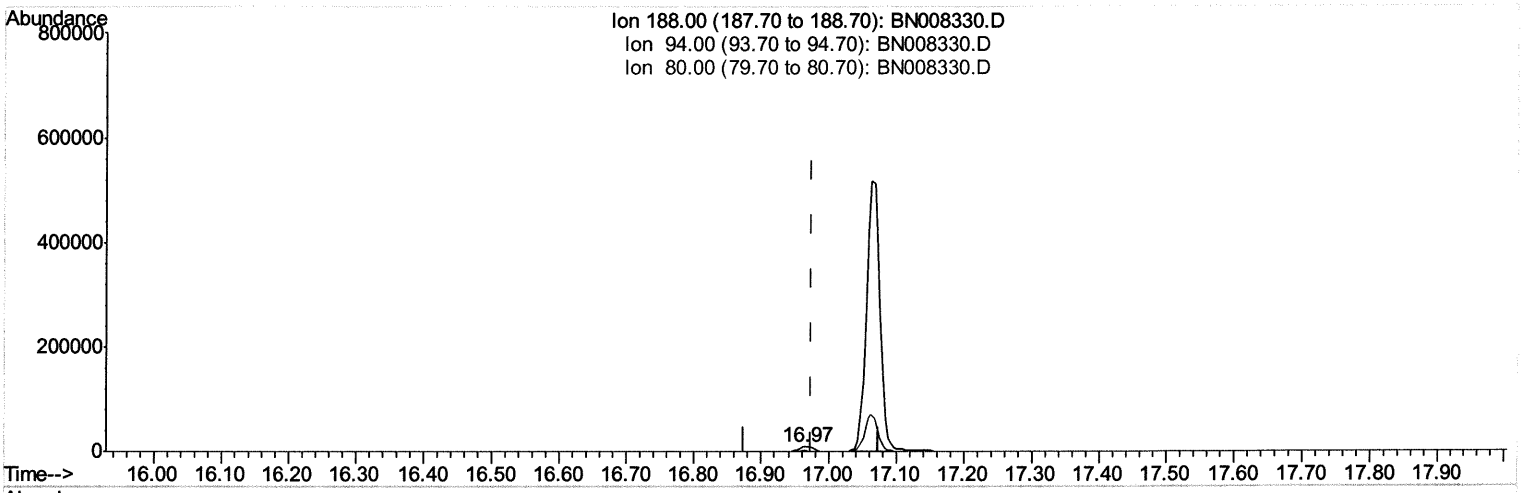
Quantitation Report (Qedit)

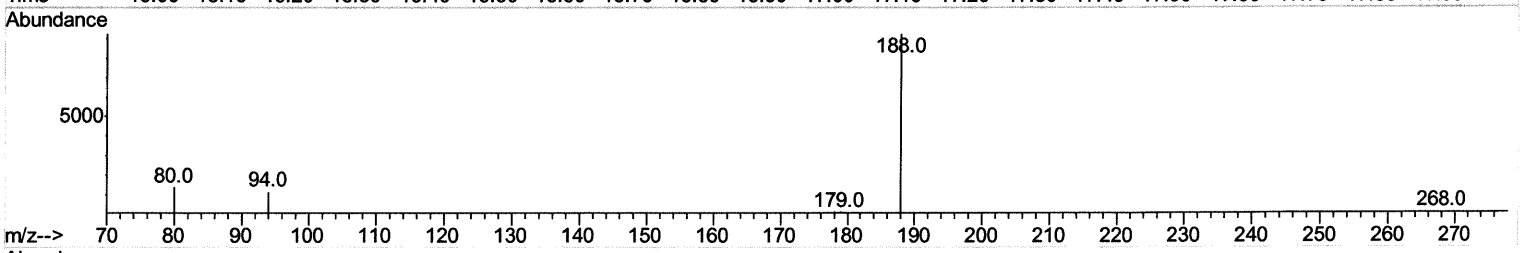
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

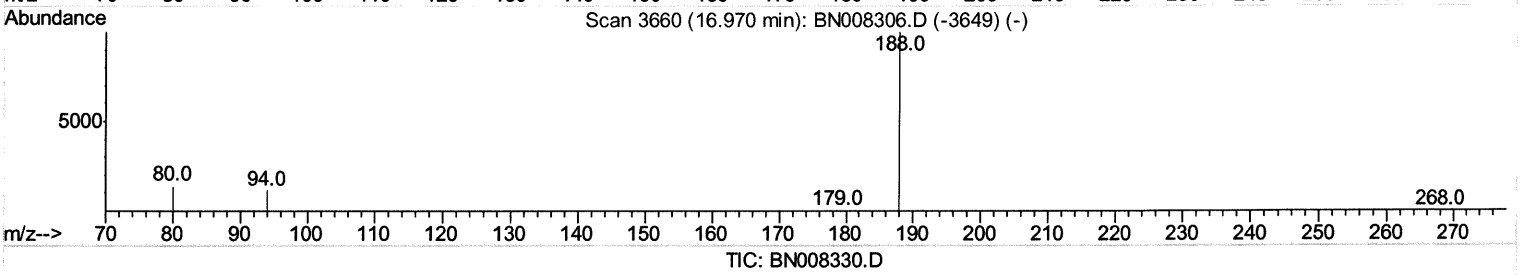
Quant Time: Oct 23 01:05:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM







(10) Phenanthrene-d10 (I)

16.966min (-0.008) 0.40ng/ul m JU 10.23.19

response 12778

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.33
80.00	12.60	14.66
0.00	0.00	0.00

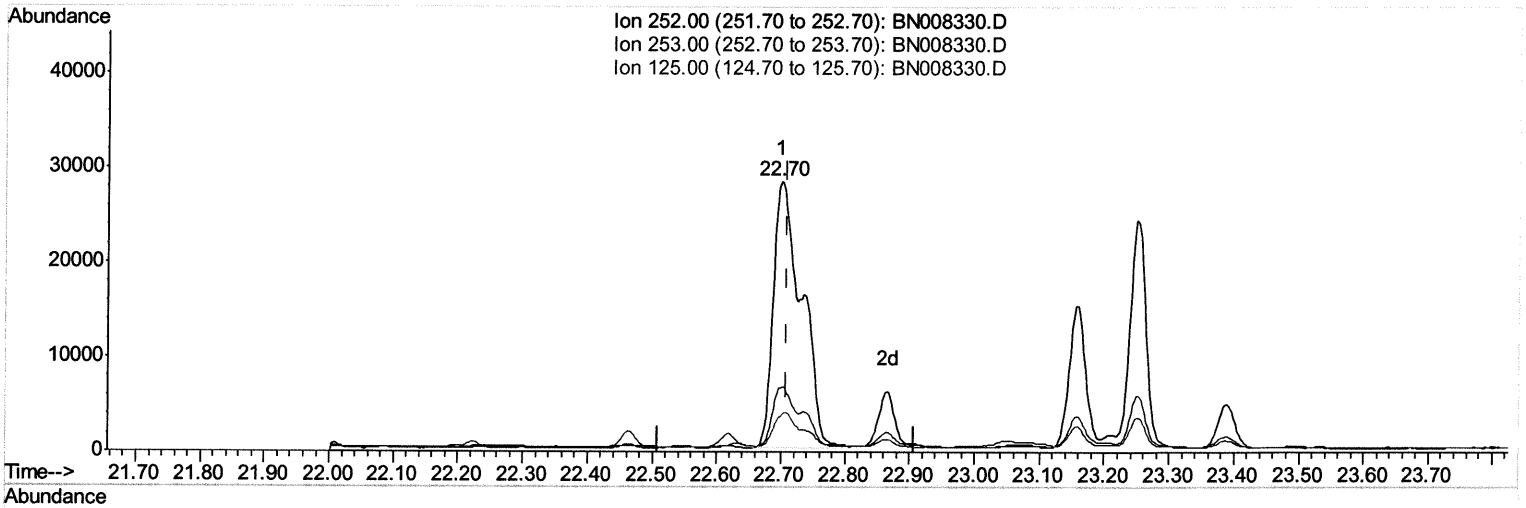
Quantitation Report (Qedit)

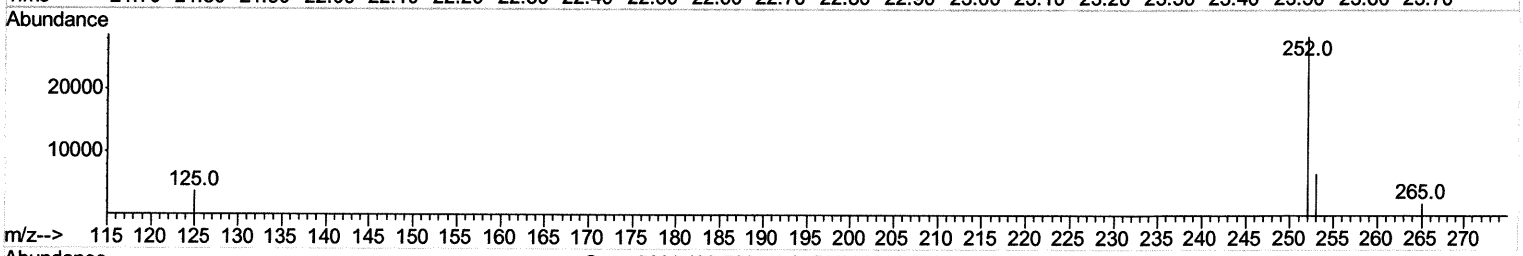
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

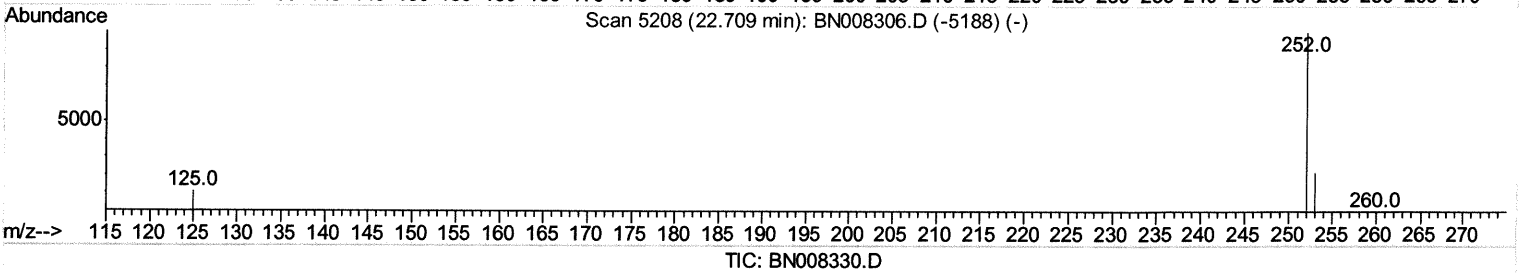
Quant Time: Oct 23 02:37:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM







TIC: BN008330.D

(21) Benzo(b)fluoranthene

22.700min (-0.009) 2.58ng/ul

response 86946

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.81
125.00	16.20	13.28
0.00	0.00	0.00

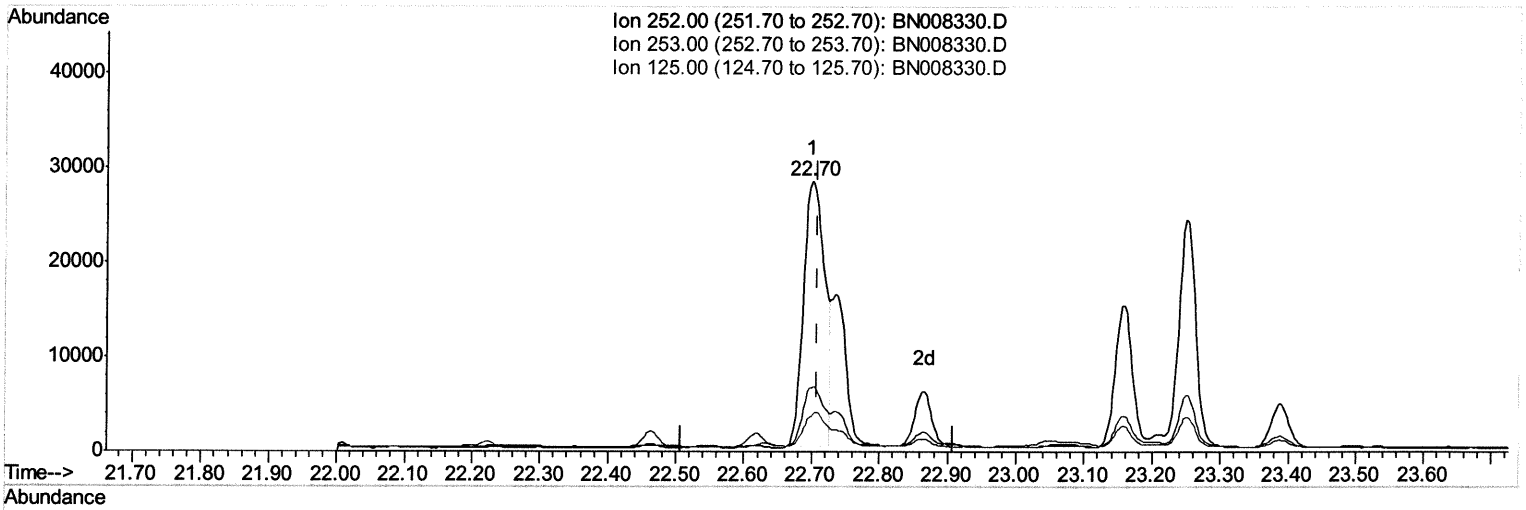
Quantitation Report (Qedit)

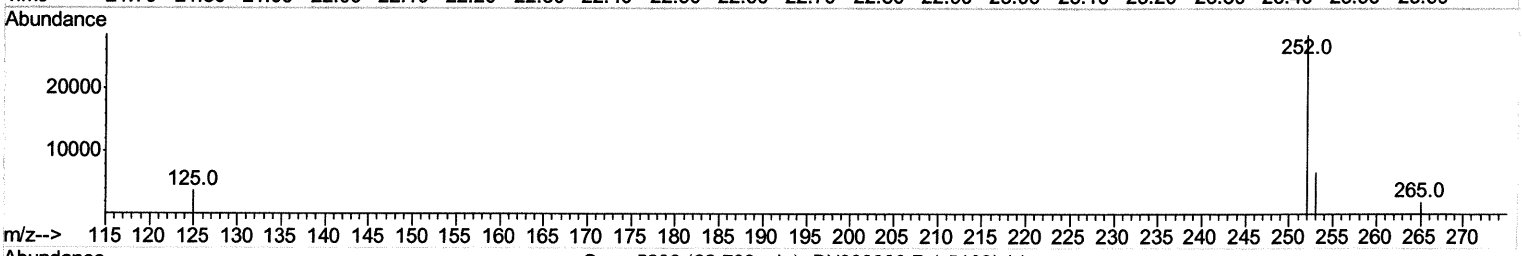
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

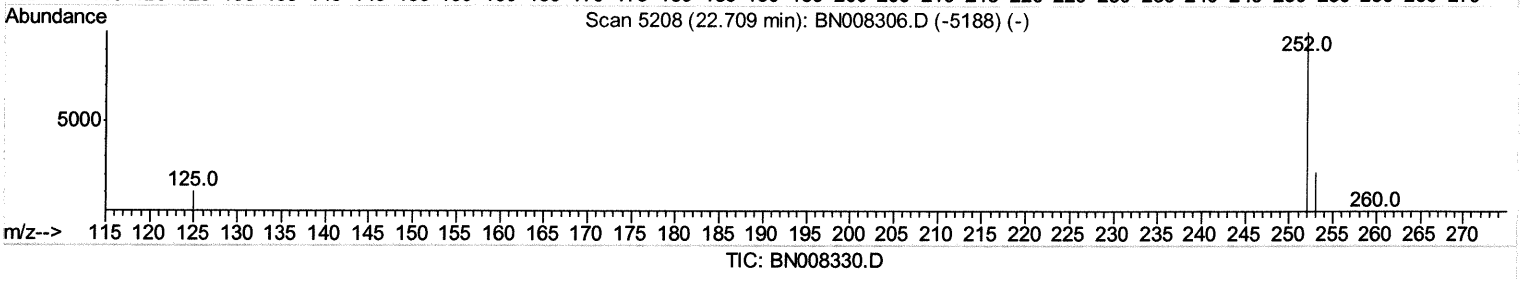
Quant Time: Oct 23 02:37:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM







TIC: BN008330.D

(21) Benzo(b)fluoranthene

22.700min (-0.009) 1.81ng/ul m JH 10-23-19

response 60889

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.81
125.00	16.20	13.28
0.00	0.00	0.00

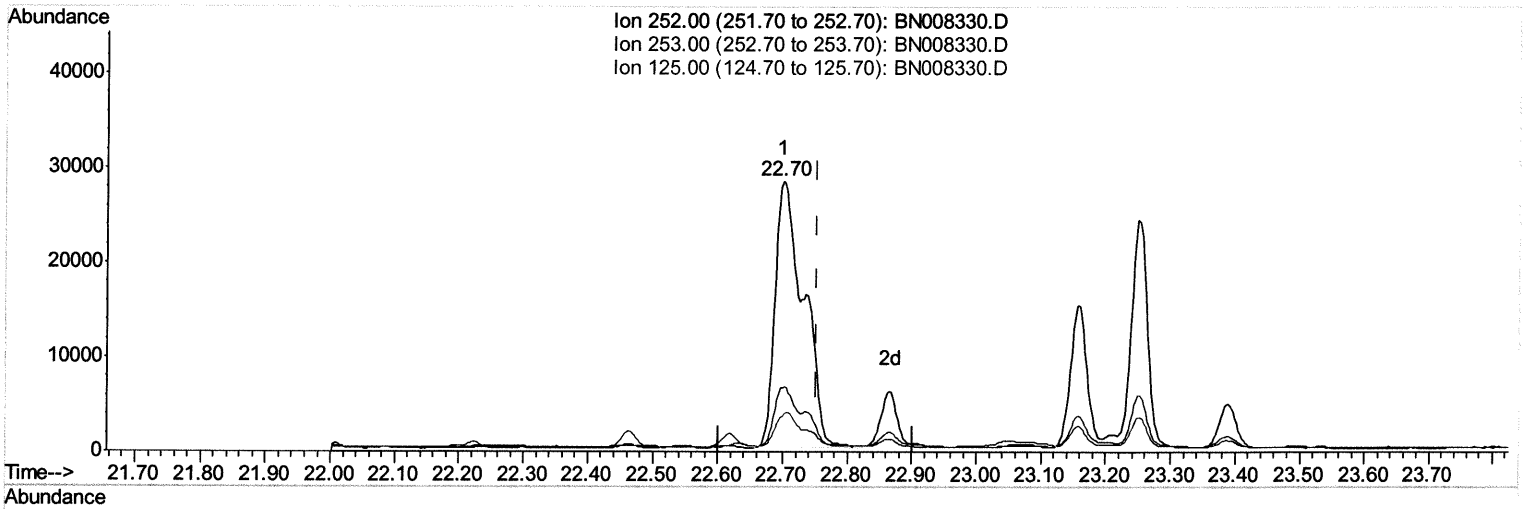
Quantitation Report (Qedit)

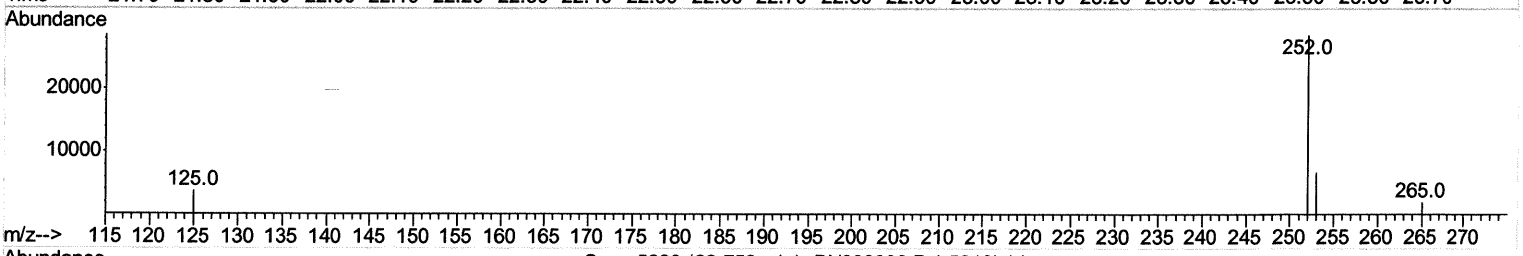
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

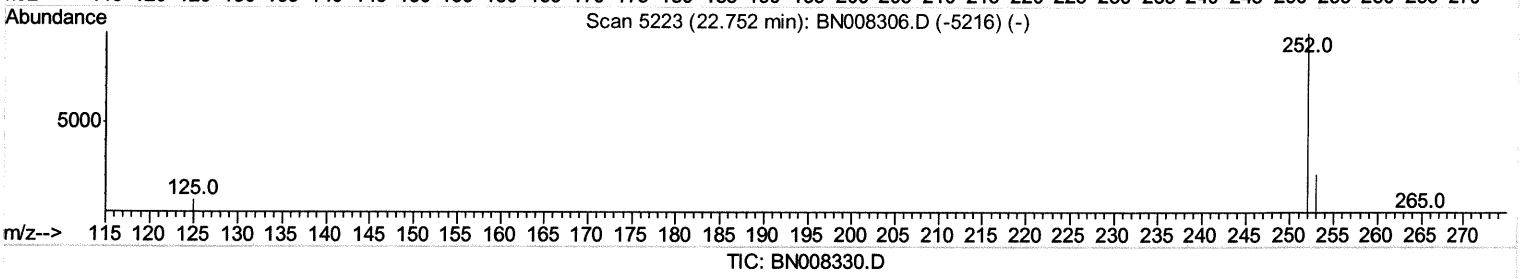
Quant Time: Oct 23 02:37:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM







TIC: BN008330.D

(22) Benzo(k)fluoranthene

22.700min (-0.053) 2.28ng/ul

response 86946

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.81
125.00	15.40	13.28
0.00	0.00	0.00

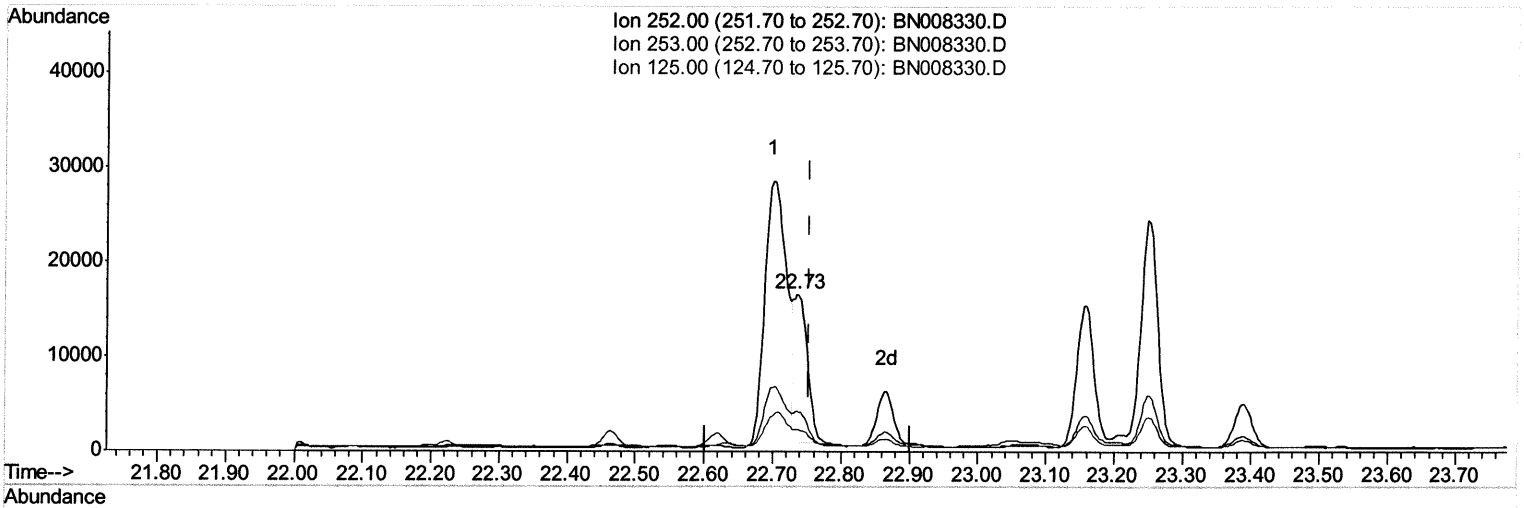
Quantitation Report (Qedit)

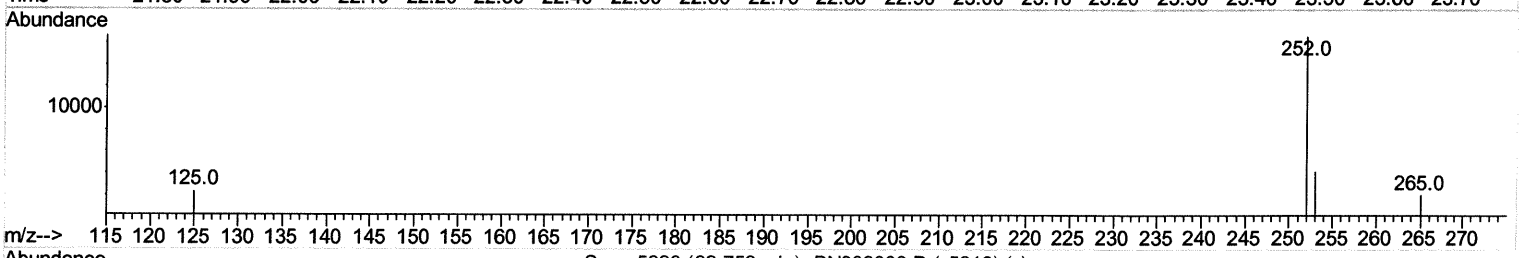
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

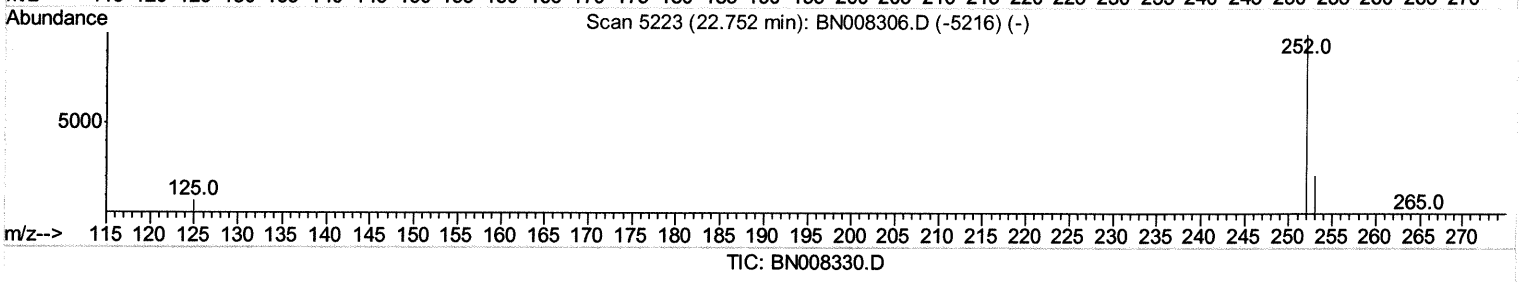
Quant Time: Oct 23 02:37:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM







TIC: BN008330.D

(22) Benzo(k)fluoranthene

22.735min (-0.018) 0.61ng/ul m JL 10.23.19

response 23301

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.56
125.00	15.40	13.93
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM

Quant Time: Oct 23 02:39:20 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1858	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	9169	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5746	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12778m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12149	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10335	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3488	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10616	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	1043	0.040	ng/ul#	84
5) 2-Methylnaphthalene	12.02	142	541	0.030	ng/ul	99
7) Acenaphthylene	13.94	152	2248	0.082	ng/ul#	90
8) Acenaphthene	14.28	153	1590	0.075	ng/ul	96
9) Fluorene	15.27	166	2859	0.118	ng/ul#	97
12) Phenanthrene	17.01	178	63155	1.688	ng/ul	99
13) Anthracene	17.10	178	15982	0.485	ng/ul	100
15) Fluoranthene	19.03	202	121991	2.469	ng/ul	98
17) Pyrene	19.40	202	104063	2.151	ng/ul	99
18) Benzo(a)anthracene	21.15	228	65776	1.489	ng/ul	98
19) Chrysene	21.21	228	64881	1.197	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	60889m	1.810	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	23301m	0.611	ng/ul	
23) Benzo(a)pyrene	23.25	252	41272	1.166	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.49	276	21149	0.507	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.50	278	5929	0.180	ng/ul#	88
26) Benzo(g,h,i)perylene	26.15	276	15496	0.405	ng/ul	97

JU 10.23.19

JU 10.23.19

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