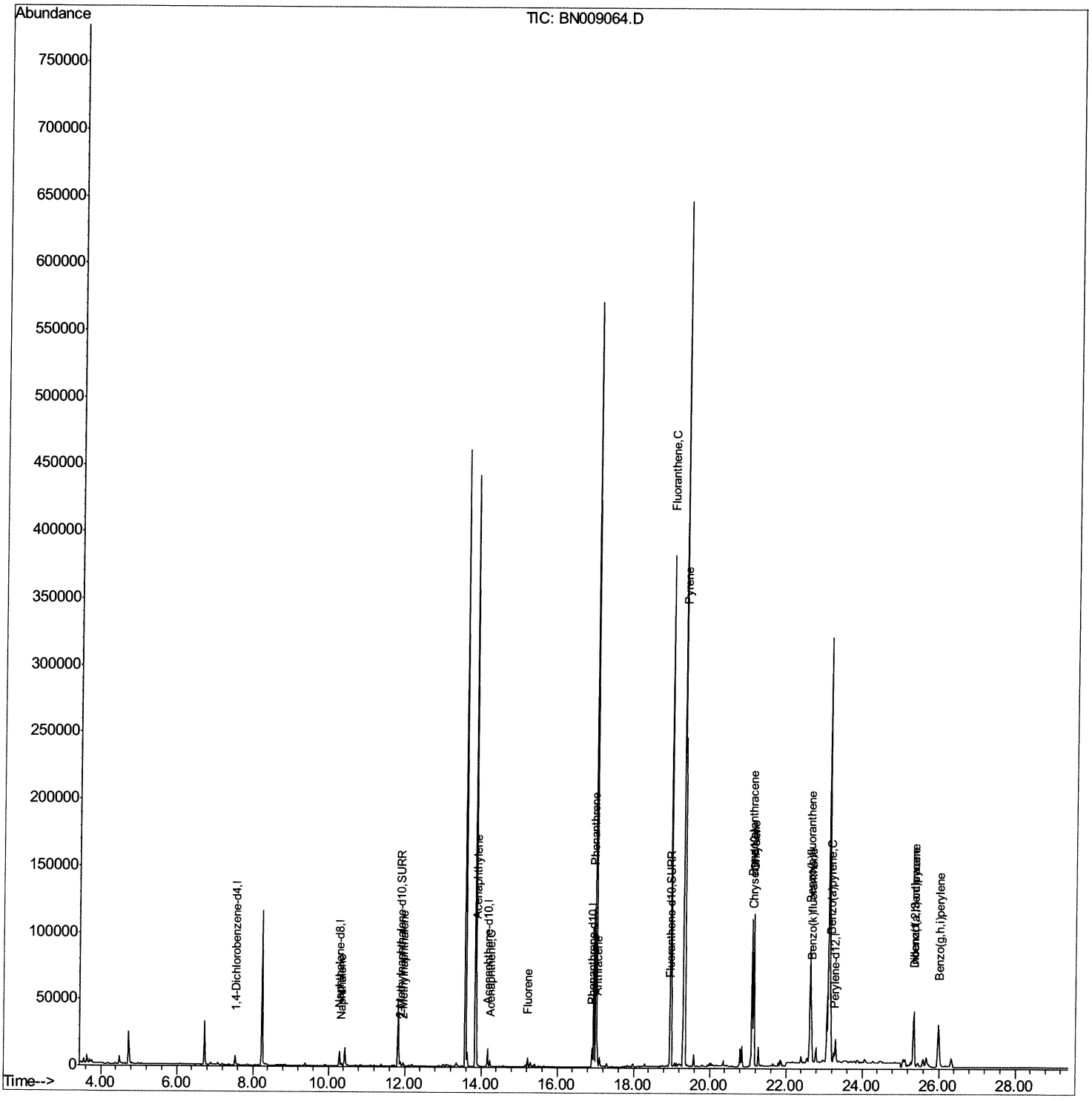
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009064.D
Acq On : 20 Dec 2019 12:42
Operator : JU
Sample : K6171-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 20 15:29:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:18 AM



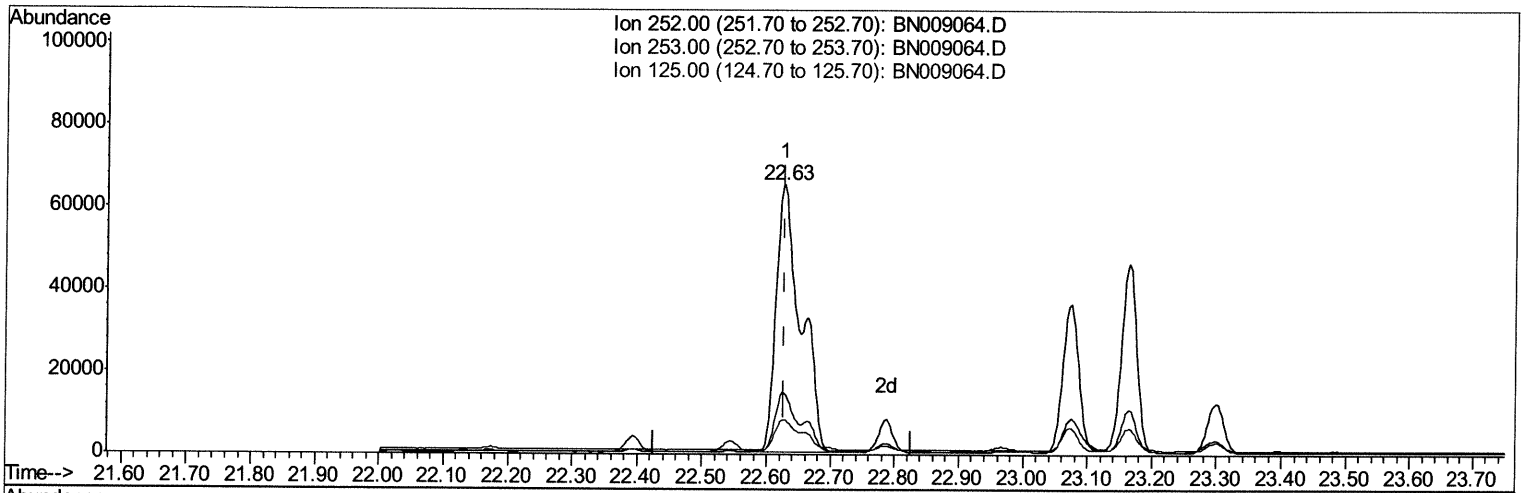
Quantitation Report (Qedit)

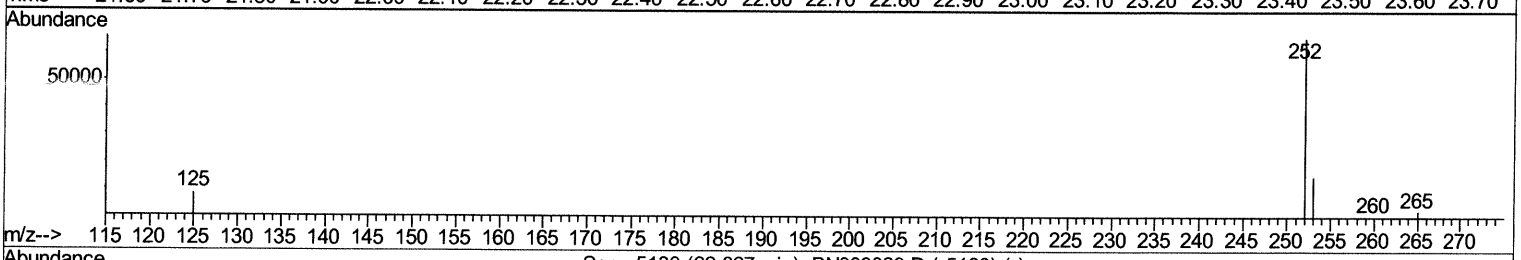
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009064.D
Acq On : 20 Dec 2019 12:42
Operator : JU
Sample : K6171-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

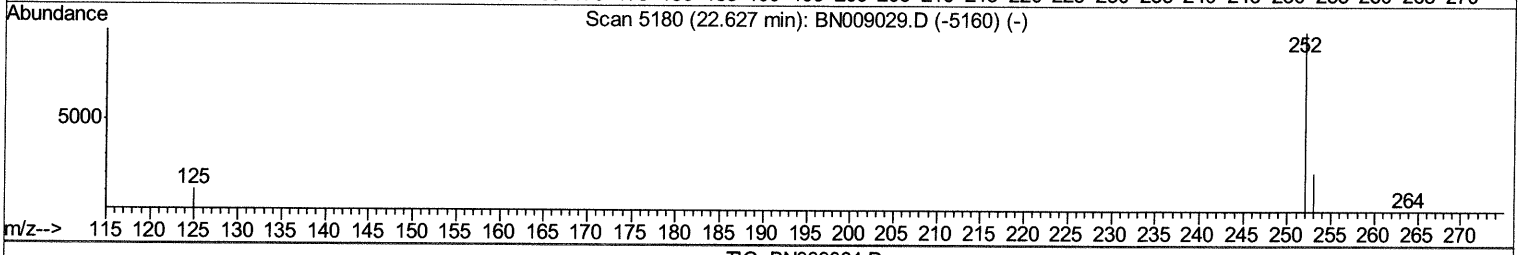
Quant Time: Dec 20 15:27:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:18 AM







TIC: BN009064.D

(21) Benzo(b)fluoranthene

22.627min (+0.000) 4.76ng/ul

response 175912

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	22.97
125.00	15.00	12.77
0.00	0.00	0.00

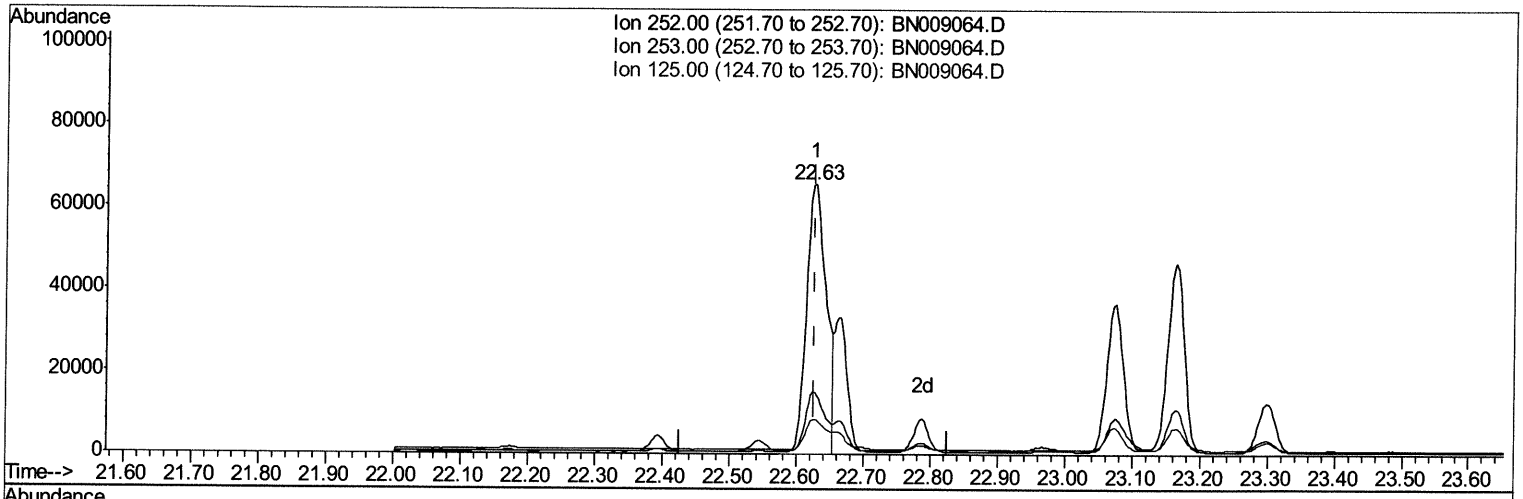
Quantitation Report (Qedit)

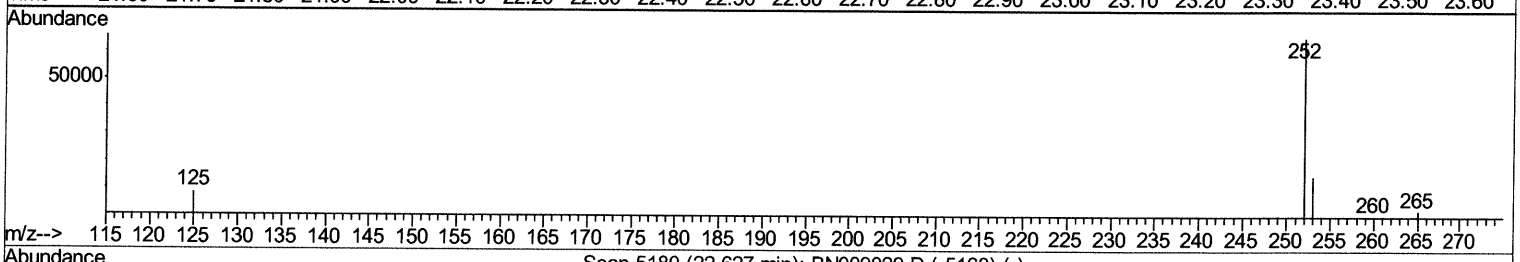
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009064.D
Acq On : 20 Dec 2019 12:42
Operator : JU
Sample : K6171-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

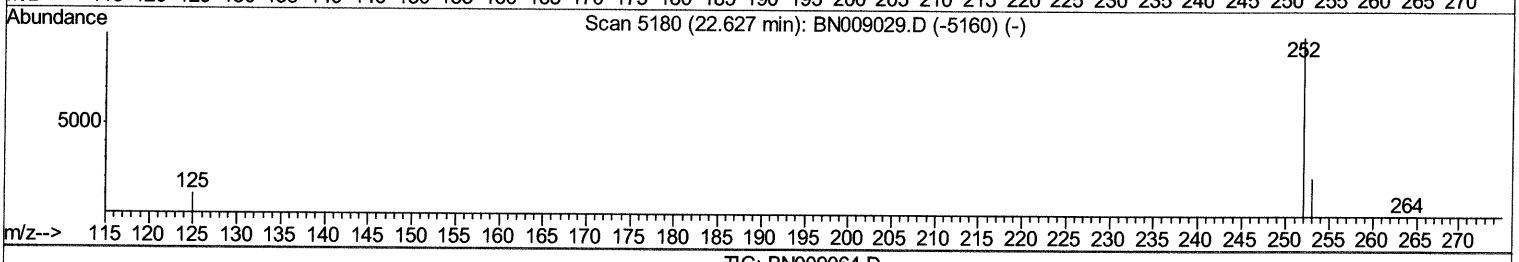
Quant Time: Dec 20 15:27:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:18 AM







TIC: BN009064.D

(21) Benzo(b)fluoranthene

22.627min (+0.000) 3.63ng/ul m JU 12/23/19

response 134124

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	22.97
125.00	15.00	12.77
0.00	0.00	0.00

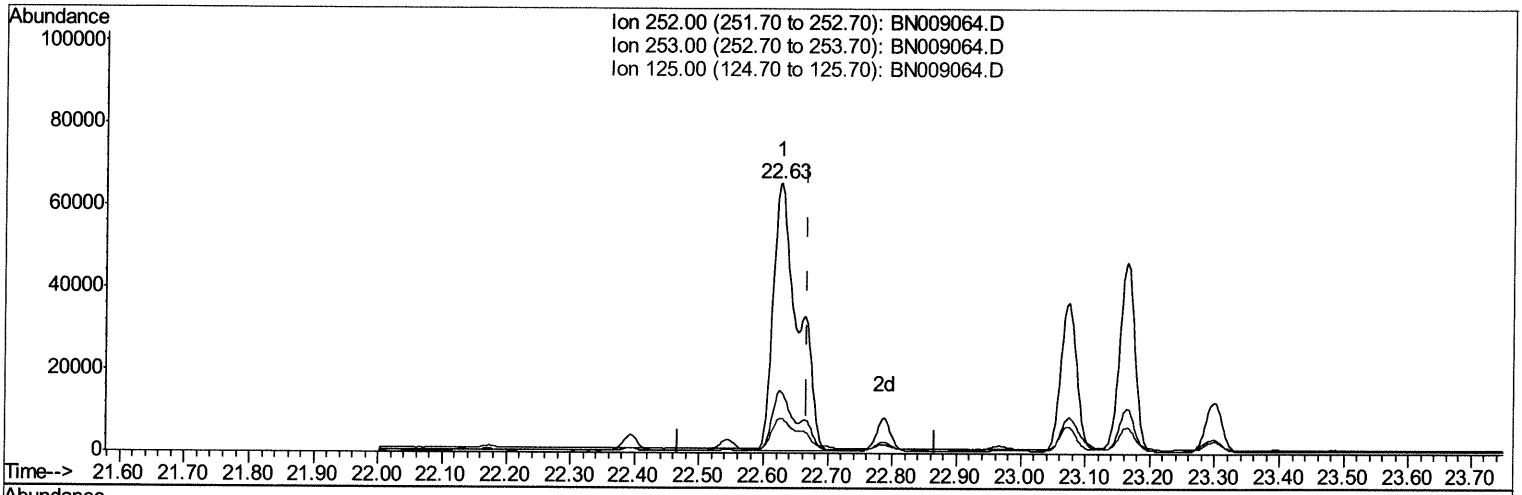
Quantitation Report (Qedit)

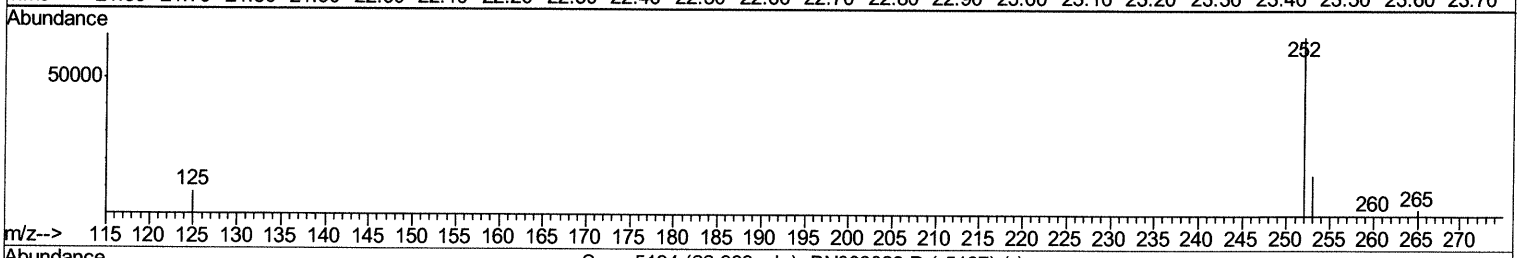
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009064.D
Acq On : 20 Dec 2019 12:42
Operator : JU
Sample : K6171-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

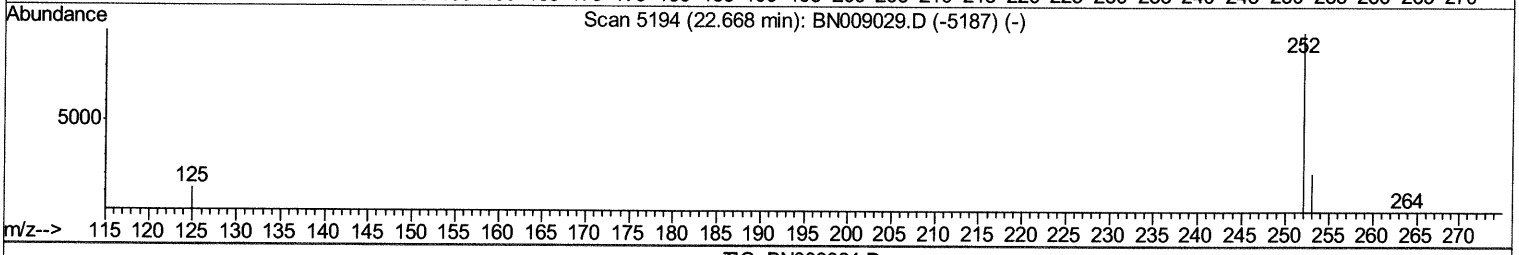
Quant Time: Dec 20 15:27:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:18 AM







TIC: BN009064.D

(22) Benzo(k)fluoranthene

22.627min (-0.041) 4.72ng/ul

response 175912

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	22.97
125.00	15.50	12.77
0.00	0.00	0.00

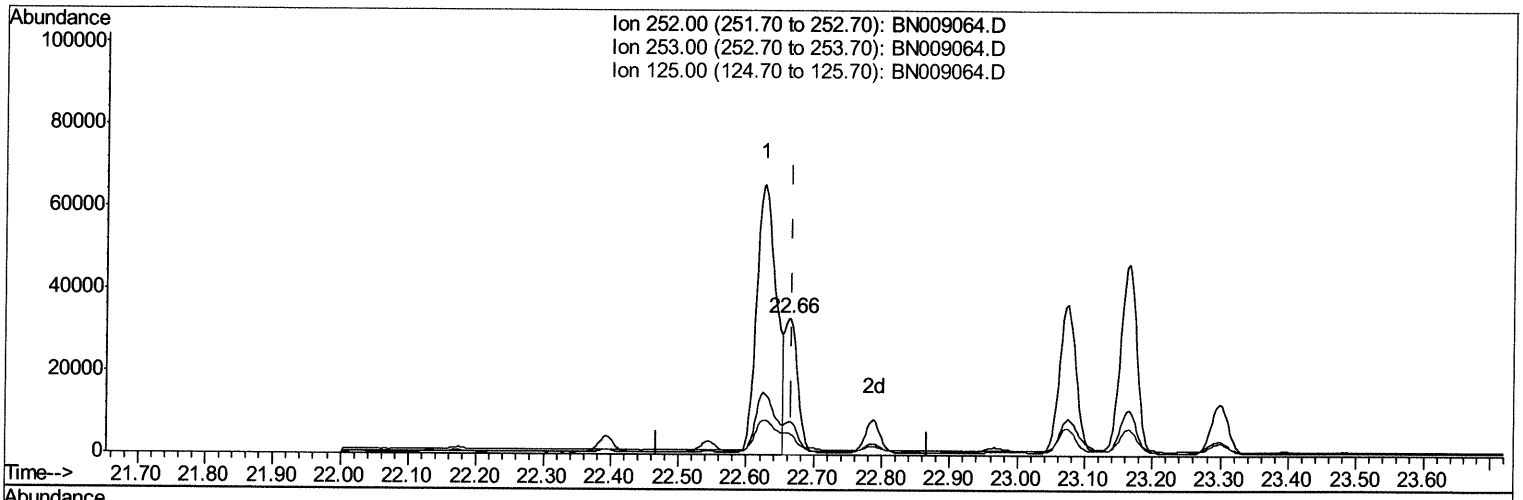
Quantitation Report (Qedit)

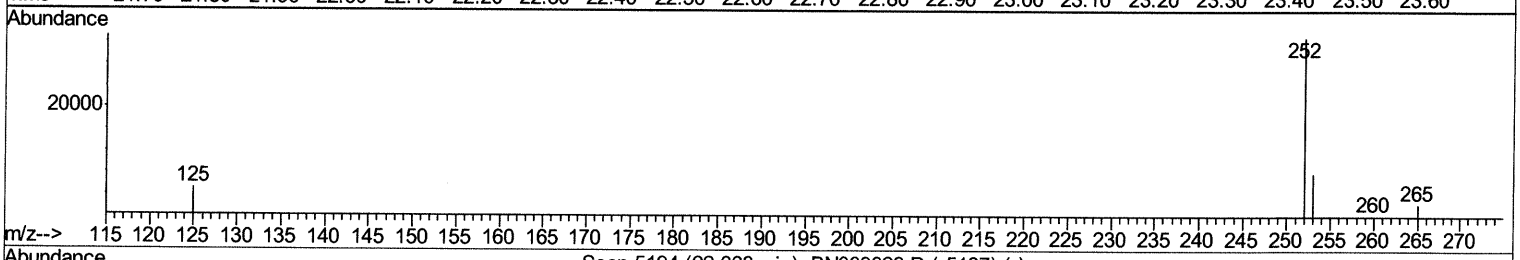
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009064.D
Acq On : 20 Dec 2019 12:42
Operator : JU
Sample : K6171-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

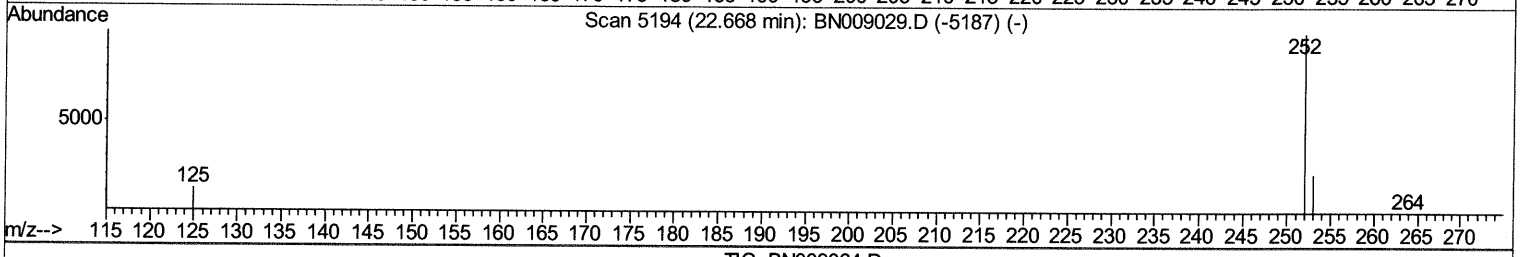
Quant Time: Dec 20 15:27:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:18 AM







TIC: BN009064.D

(22) Benzo(k)fluoranthene

22.665min (-0.003) 1.23ng/ul m JU 12/23/19

response 45942

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	24.68
125.00	15.50	15.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009064.D
Acq On : 20 Dec 2019 12:42
Operator : JU
Sample : K6171-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:18 AM

Quant Time: Dec 20 15:29:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3505	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	13576	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7503	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15717	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9421	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	7912	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3620	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	8224	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	2233	0.054	ng/ul#	92
5) 2-Methylnaphthalene	11.96	142	1614	0.052	ng/ul	99
7) Acenaphthylene	13.88	152	3720	0.094	ng/ul	94
8) Acenaphthene	14.23	153	2579	0.083	ng/ul	98
9) Fluorene	15.22	166	4141	0.113	ng/ul	99
12) Phenanthrene	16.95	178	121087	2.215	ng/ul	100
13) Anthracene	17.05	178	15130	0.309	ng/ul	99
15) Fluoranthene	18.98	202	319012	5.103	ng/ul	98
17) Pyrene	19.34	202	245548	5.109	ng/ul	99
18) Benzo(a)anthracene	21.10	228	94898	2.268	ng/ul	98
19) Chrysene	21.15	228	111147	2.644	ng/ul	98
21) Benzo(b)fluoranthene	22.63	252	134124m	3.630	ng/ul	JU 12/23/19
22) Benzo(k)fluoranthene	22.66	252	45942m	1.233	ng/ul	
23) Benzo(a)pyrene	23.16	252	77820	2.404	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.36	276	61187	1.735	ng/ul	91
25) Dibenzo(a,h)anthracene	25.36	278	13263	0.473	ng/ul#	90
26) Benzo(g,h,i)perylene	25.99	276	61105	2.057	ng/ul	98

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