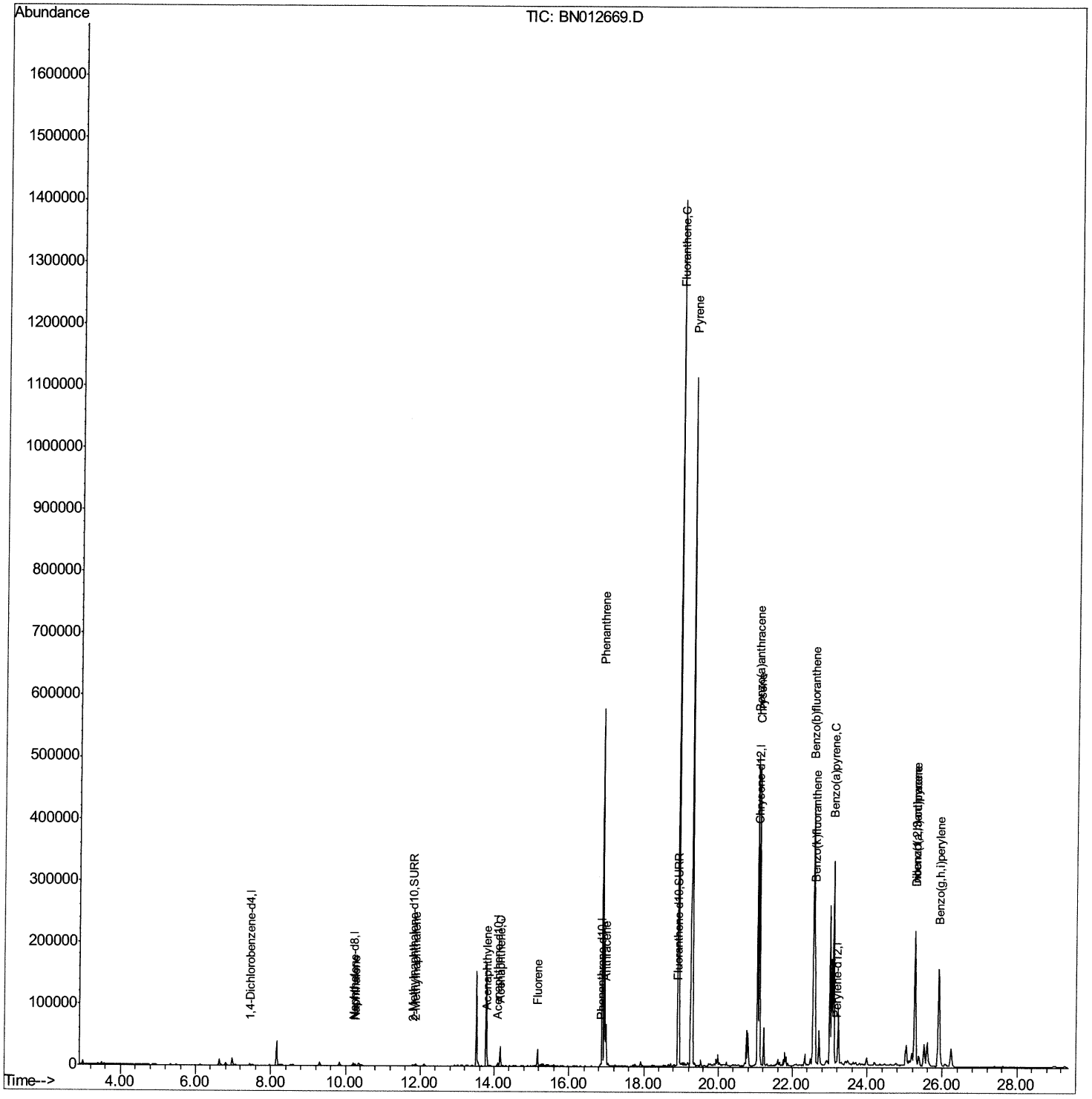
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 21 01:08:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:18 AM



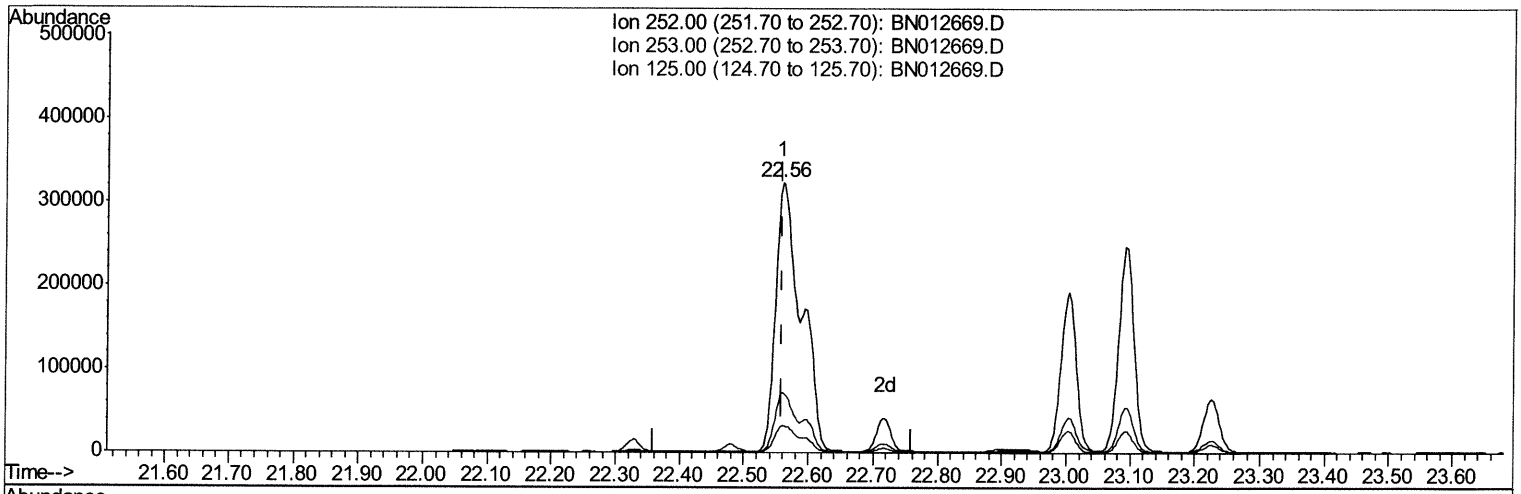
Quantitation Report (Qedit)

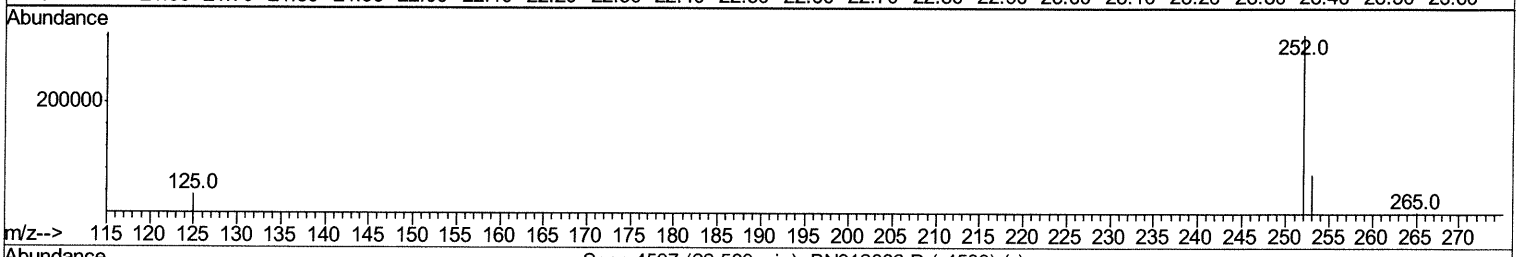
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

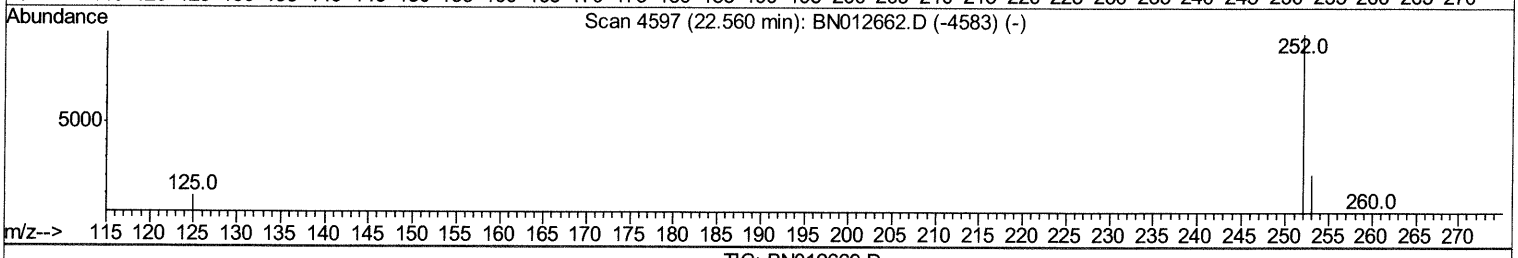
Quant Time: Nov 21 01:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:18 AM







TIC: BN012669.D

(21) Benzo(b)fluoranthene

22.560min (+0.000) 44.40ng/ul

response 888623

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	22.28
125.00	14.30	10.09
0.00	0.00	0.00

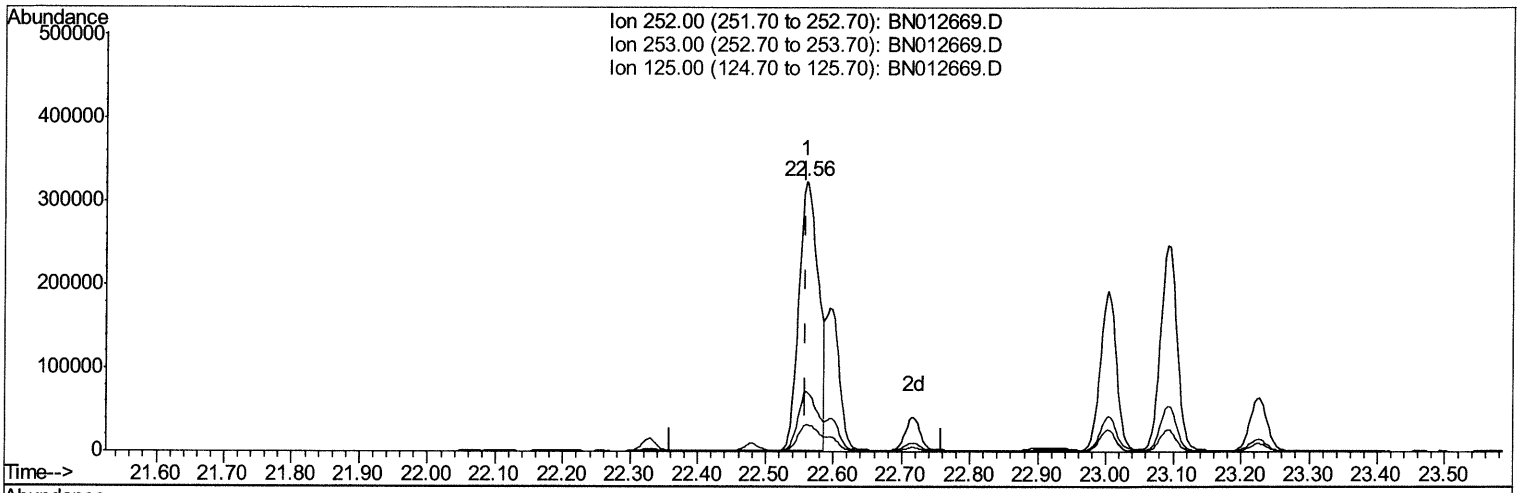
Quantitation Report (Qedit)

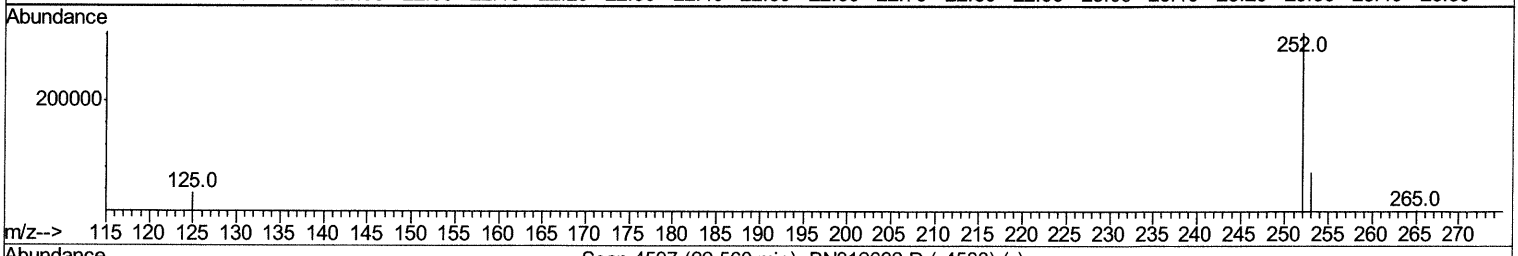
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

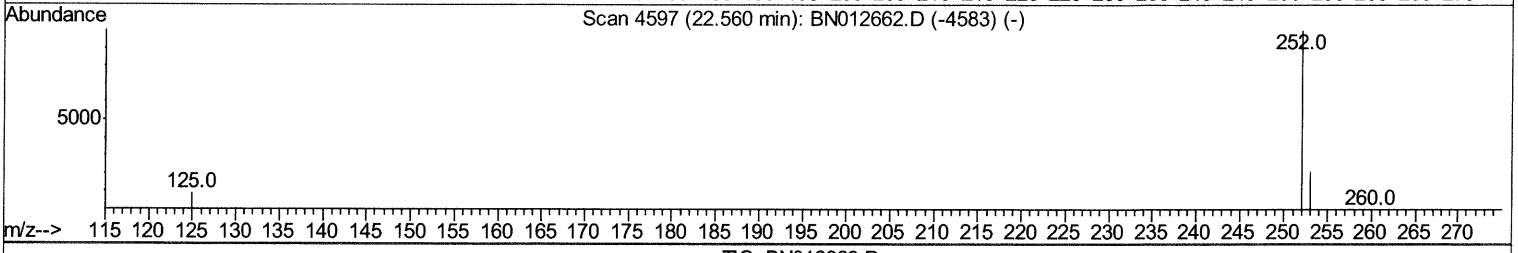
Quant Time: Nov 21 01:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:18 AM







TIC: BN012669.D

(21) Benzo(b)fluoranthene

22.560min (+0.000) 32.35ng/ul m 11/27/20 JJ

response 647573

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	22.28
125.00	14.30	10.09
0.00	0.00	0.00

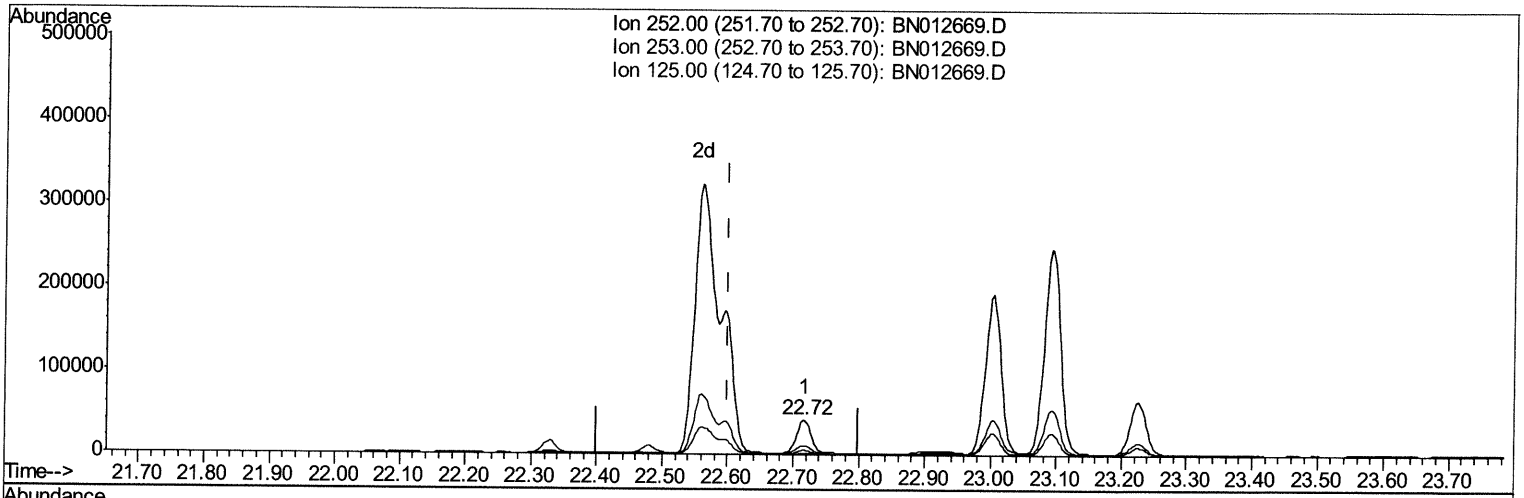
Quantitation Report (Qedit)

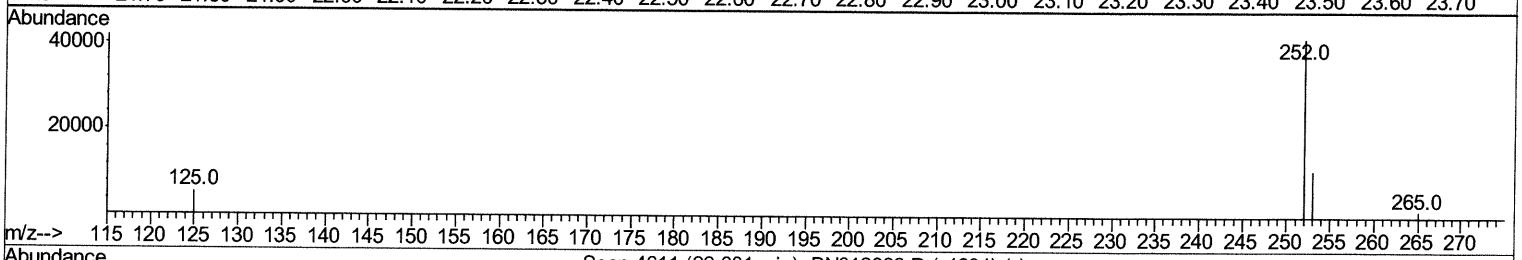
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

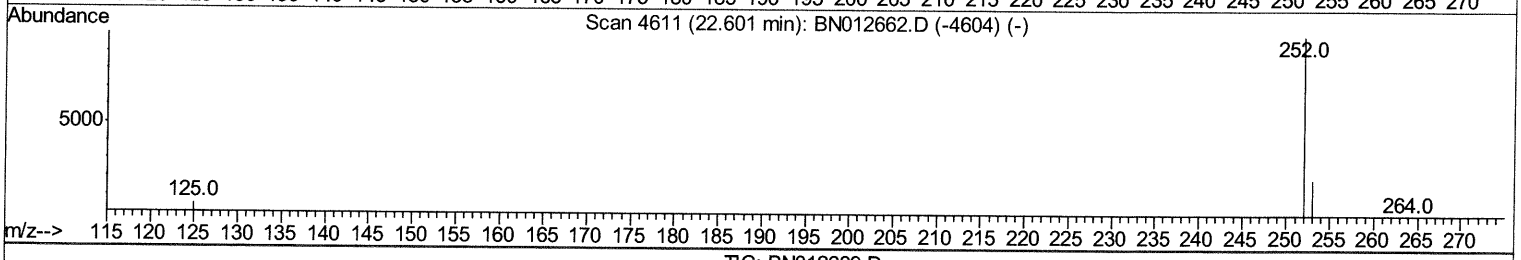
Quant Time: Nov 21 01:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:18 AM







TIC: BN012669.D

(22) Benzo(k)fluoranthene

22.717min (+0.117) 2.79ng/ul

response 64497

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	26.30
125.00	12.70	12.94
0.00	0.00	0.00

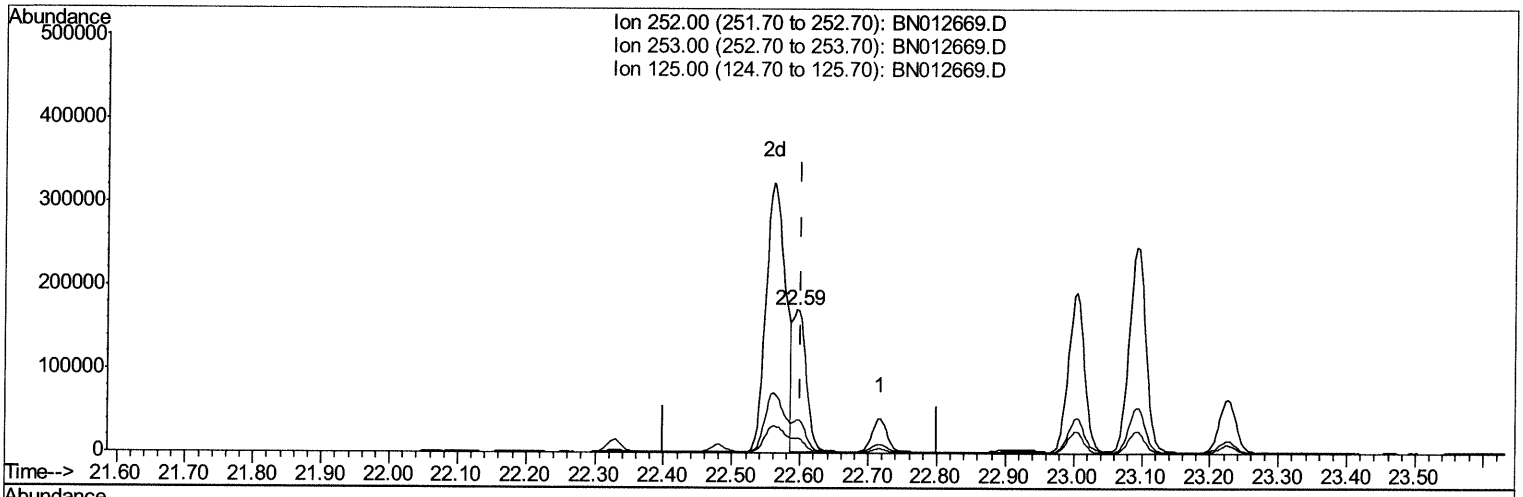
Quantitation Report (Qedit)

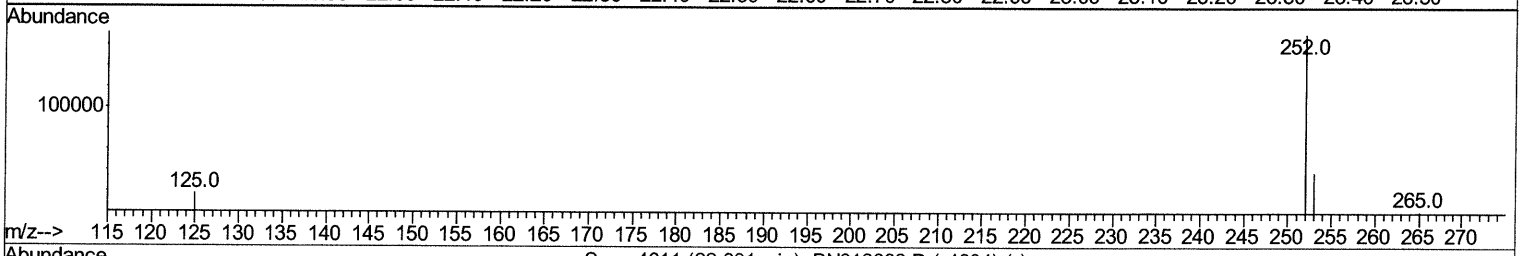
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

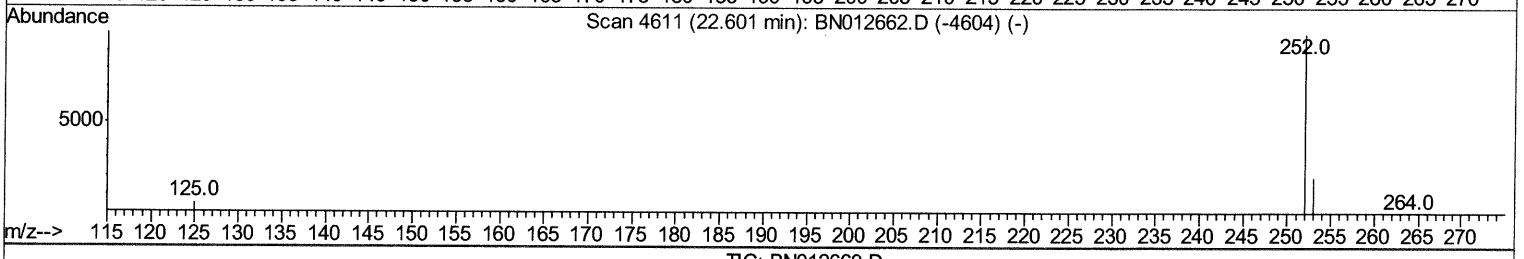
Quant Time: Nov 21 01:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:18 AM







TIC: BN012669.D

(22) Benzo(k)fluoranthene

22.595min (-0.006) 9.95ng/ul m 11/27/20 JU

response 229642

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	22.84#
125.00	12.70	10.10#
0.00	0.00	0.00

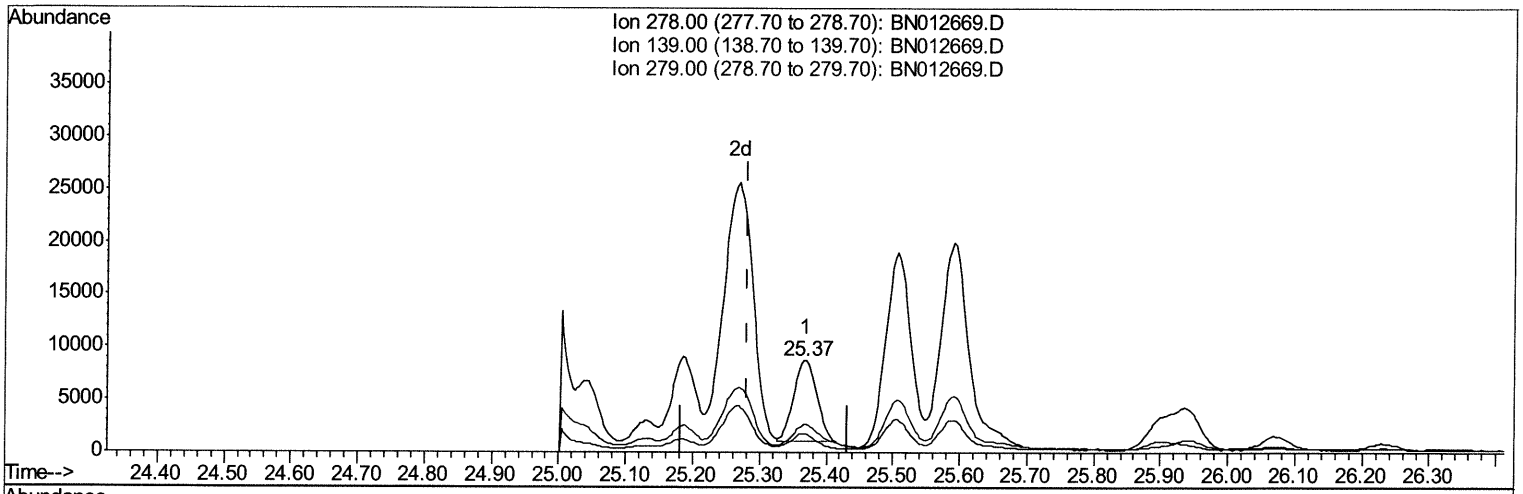
Quantitation Report (Qedit)

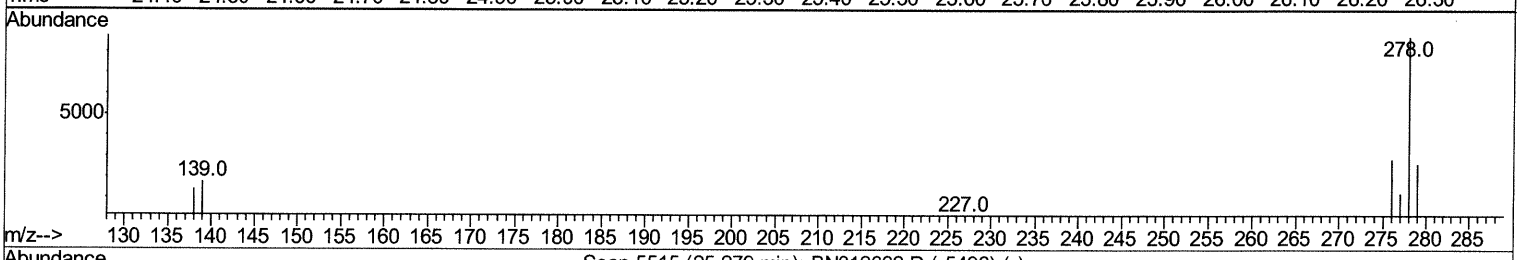
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

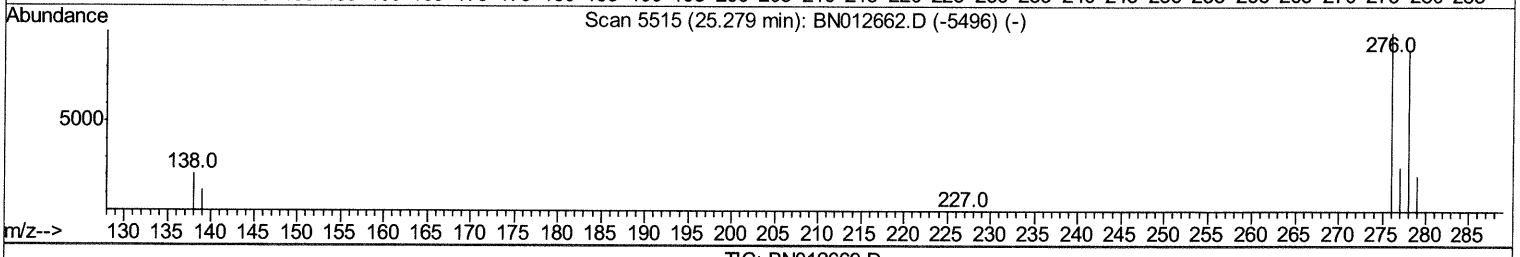
Quant Time: Nov 21 01:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:18 AM







TIC: BN012669.D

(25) Dibenzo(a,h)anthracene

25.369min (+0.087) 0.95ng/ul

response 18713

Ion	Exp%	Act%
278.00	100	100
139.00	17.30	20.05
279.00	32.00	30.33
0.00	0.00	0.00

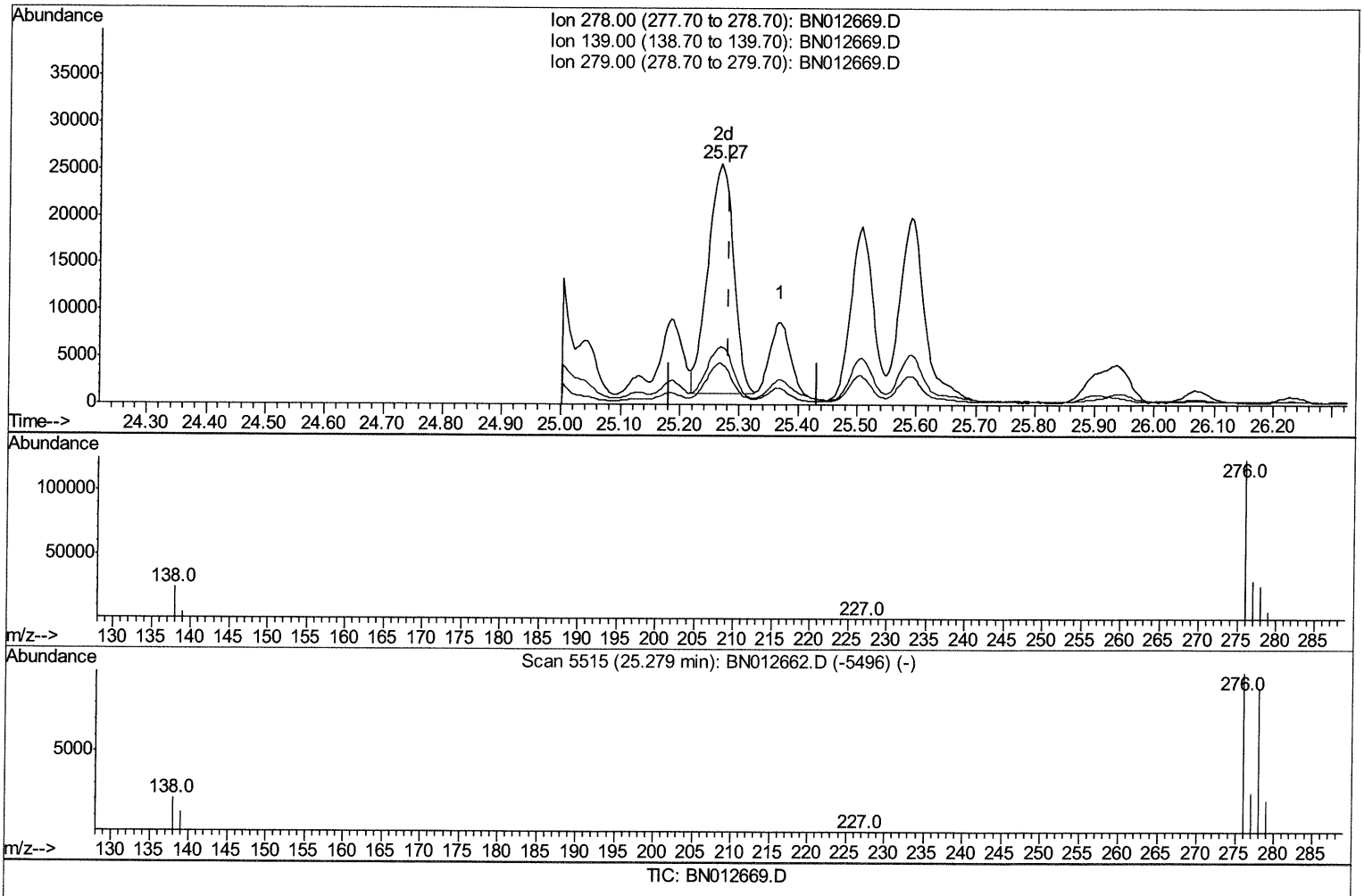
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 21 01:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:18 AM



TIC: BN012669.D

(25) Dibenzo(a,h)anthracene

25.269min (-0.013) 3.74ng/ul m 11/27/20 JU

response 74072

Ion	Exp%	Act%
278.00	100	100
139.00	17.30	17.16
279.00	32.00	24.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:18 AM

Quant Time: Nov 21 01:08:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1021	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4303	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2458	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5010	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	4409	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4351	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1233	0.20	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	2559	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.26	128	2685	0.207	ng/ul	100
5) 2-Methylnaphthalene	11.89	142	1552	0.188	ng/ul	100
7) Acenaphthylene	13.82	152	3544	0.296	ng/ul	97
8) Acenaphthene	14.16	153	17672	1.749	ng/ul	98
9) Fluorene	15.16	166	16957	1.527	ng/ul	99
12) Phenanthrene	16.89	178	582824	33.433	ng/ul	95
13) Anthracene	16.98	178	65119	4.297	ng/ul	95
15) Fluoranthene	18.93	202	1174178	58.340	ng/ul	99
17) Pyrene	19.29	202	930632	47.188	ng/ul	95
18) Benzo(a)anthracene	21.05	228	417387	26.418	ng/ul	98
19) Chrysene	21.10	228	463852	23.503	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	647573m	32.353	ng/ul	98
22) Benzo(k)fluoranthene	22.59	252	229642m	9.949	ng/ul	11/27/20 JU
23) Benzo(a)pyrene	23.09	252	420537	22.324	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.27	276	327436	13.292	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.27	278	74072m	3.742	ng/ul	11/27/20 JU
26) Benzo(g,h,i)perylene	25.90	276	315177	14.216	ng/ul	96

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