Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

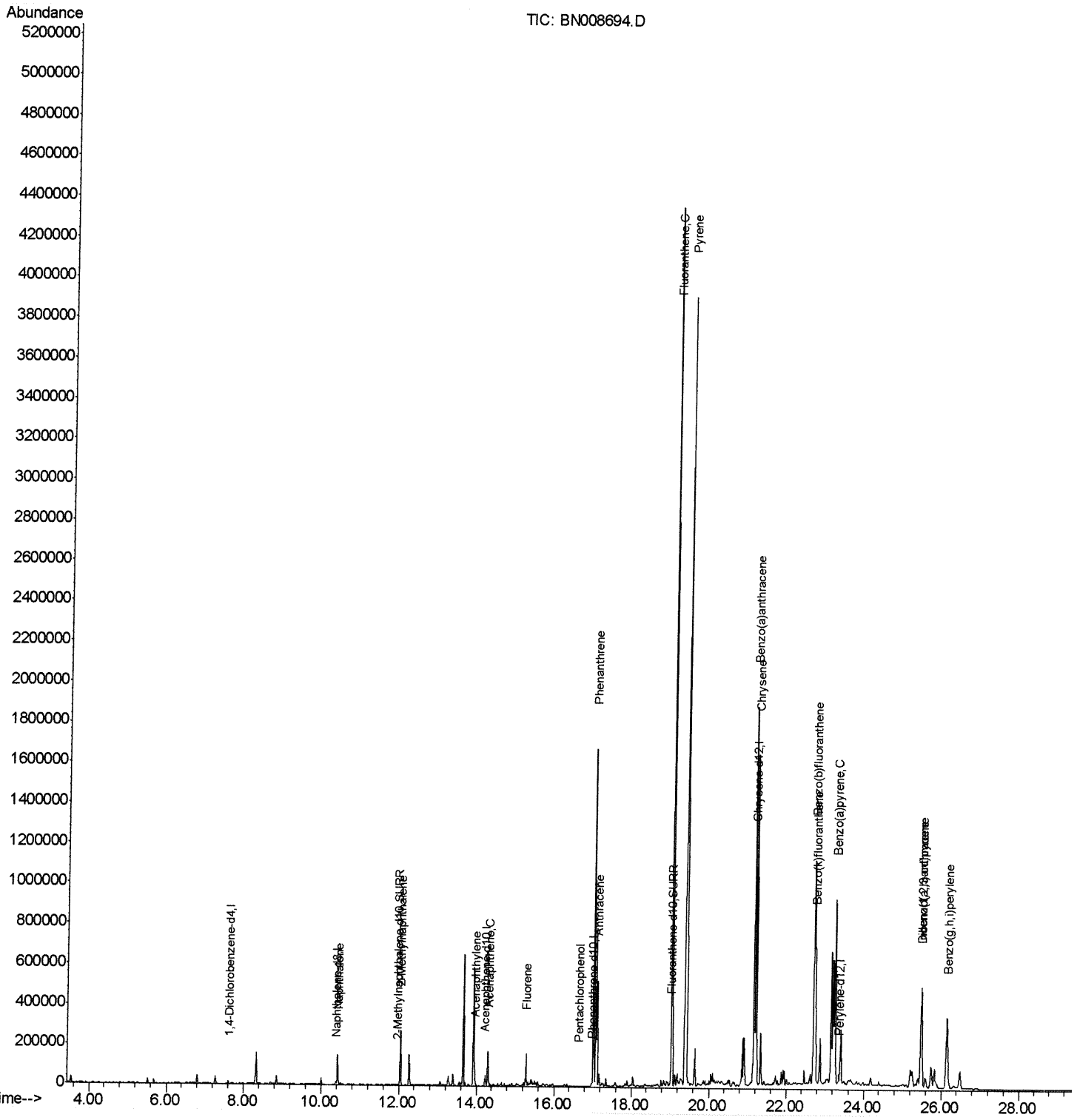
Quantitation Report (QT Reviewed)

Data File : BN008694.D
Acq On : 22 Nov 2019 02:27
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 07:25:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:00 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

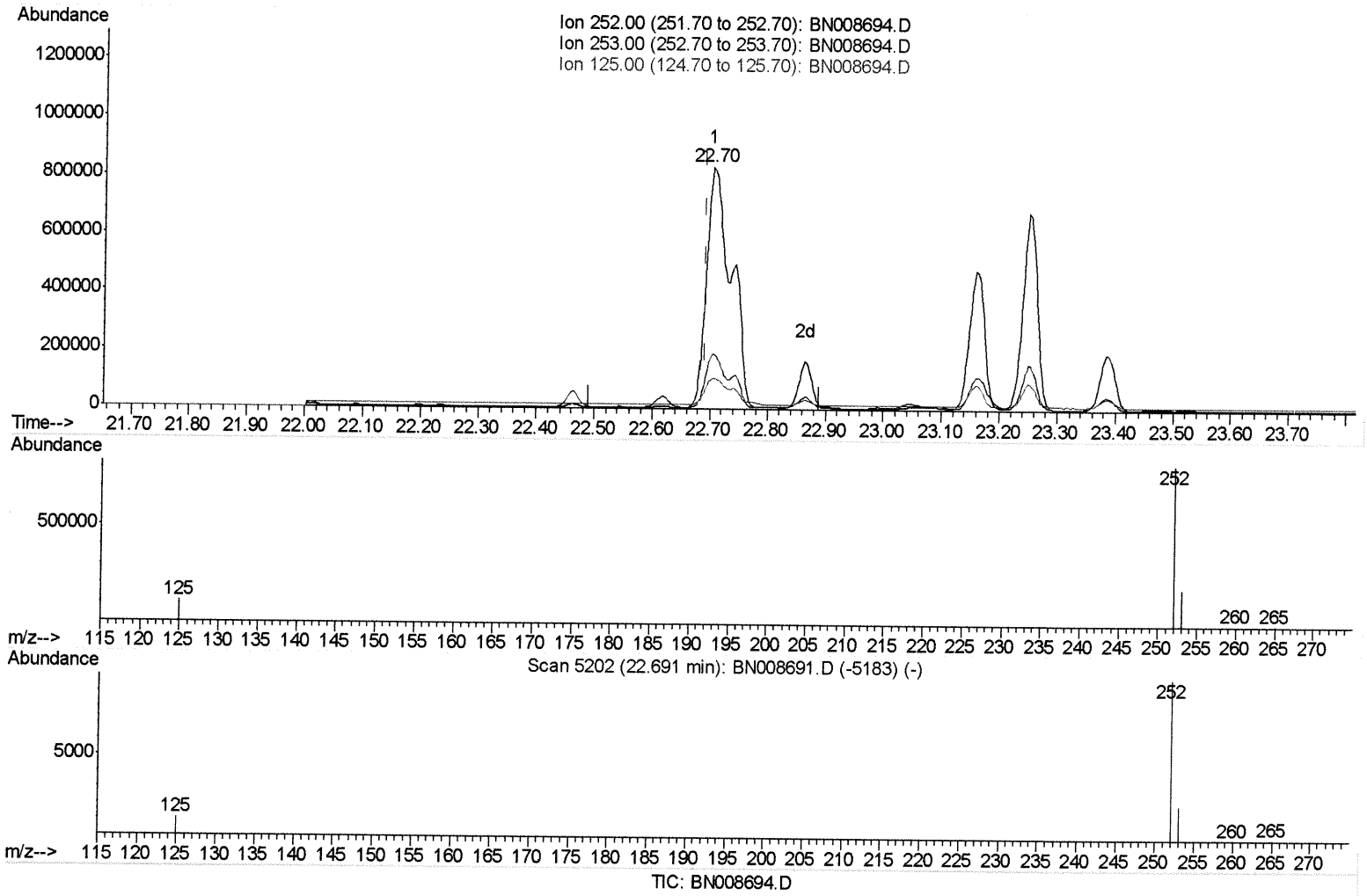
Quantitation Report (Qedit)

Data File : BN008694.D
Acq On : 22 Nov 2019 02:27
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 07:15:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:00 PM



TIC: BN008694.D

(21) Benzo(b)fluoranthene

22.703min (+0.012) 35.23ng/ul

response 2451554

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.96
125.00	15.00	12.87
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

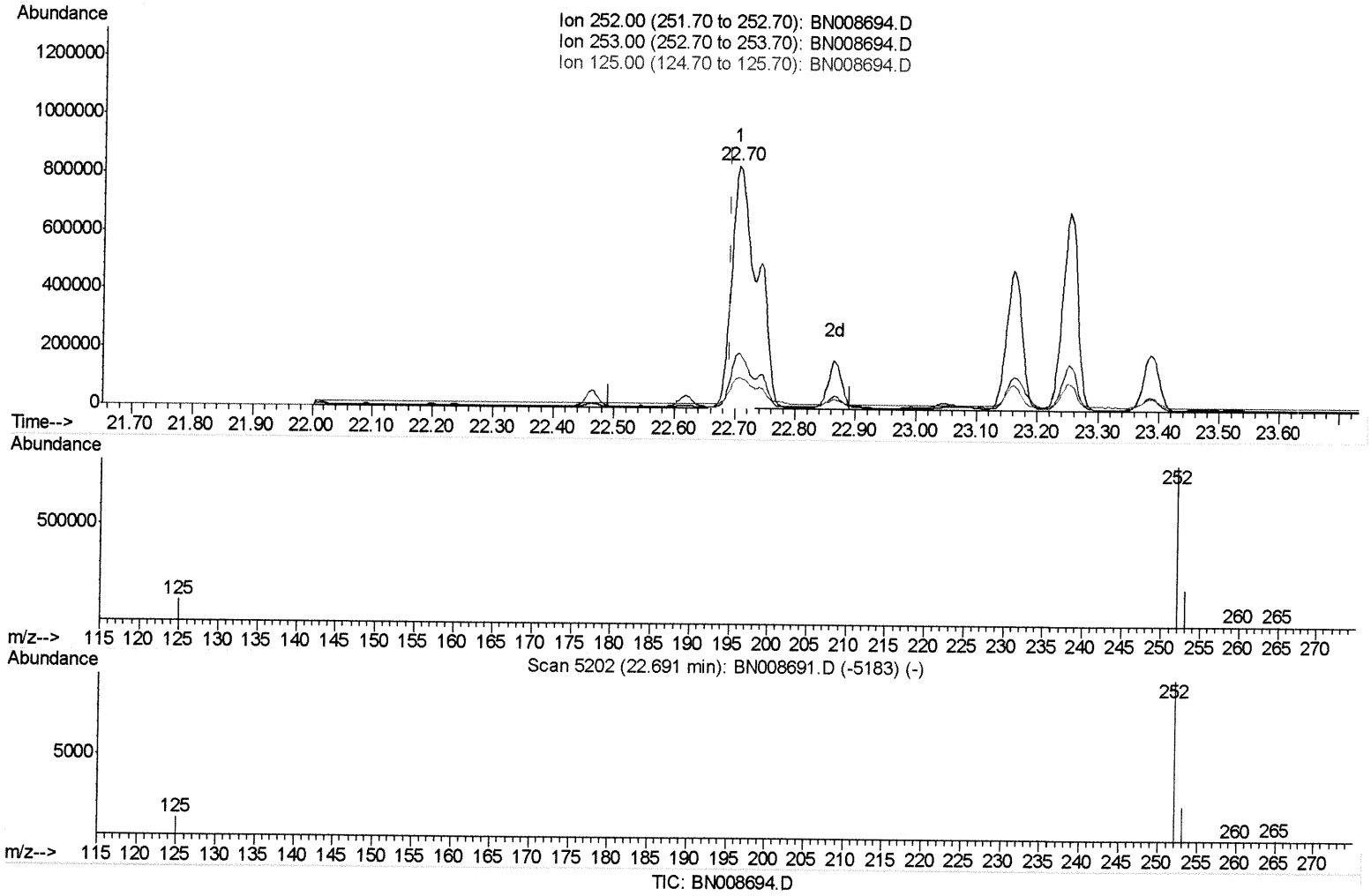
Quantitation Report (Qedit)

Data File : BN008694.D
Acq On : 22 Nov 2019 02:27
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 07:15:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:00 PM



TIC: BN008694.D

(21) Benzo(b)fluoranthene

22.703min (+0.012) 26.47ng/ul m JU 11/25/19

response 1842327

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.96
125.00	15.00	12.87
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

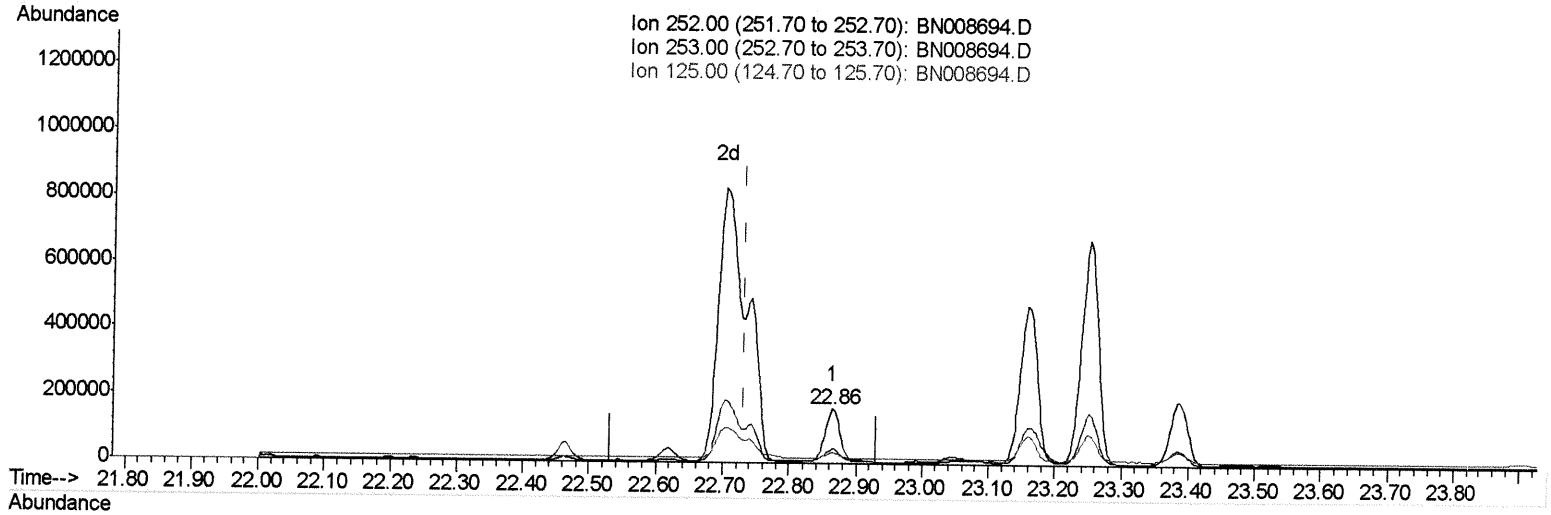
Quantitation Report (Qedit)

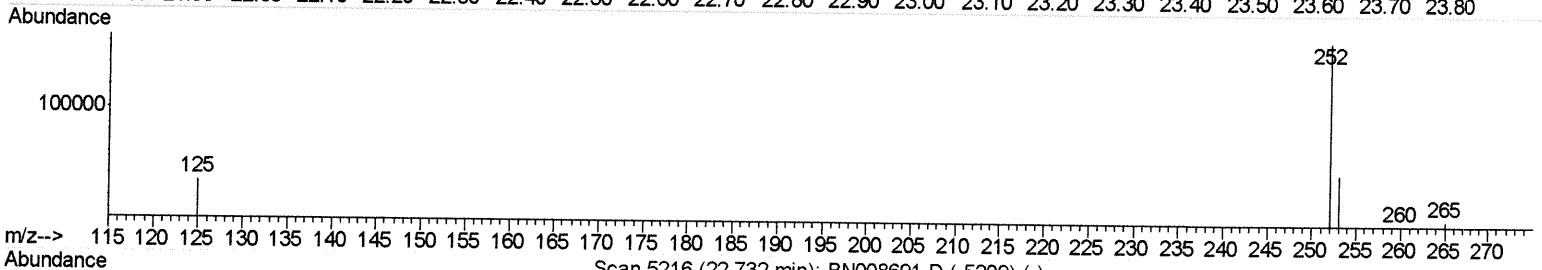
Data File : BN008694.D
Acq On : 22 Nov 2019 02:27
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

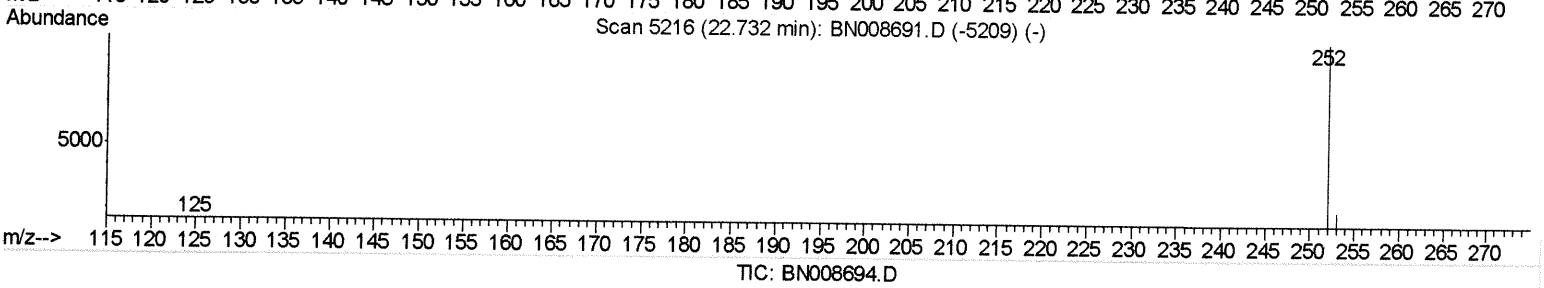
Quant Time: Nov 22 07:15:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:00 PM







TIC: BN008694.D

(22) Benzo(k)fluoranthene

22.864min (+0.132) 3.72ng/ul

response 257066

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	27.69
125.00	18.70	21.21
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

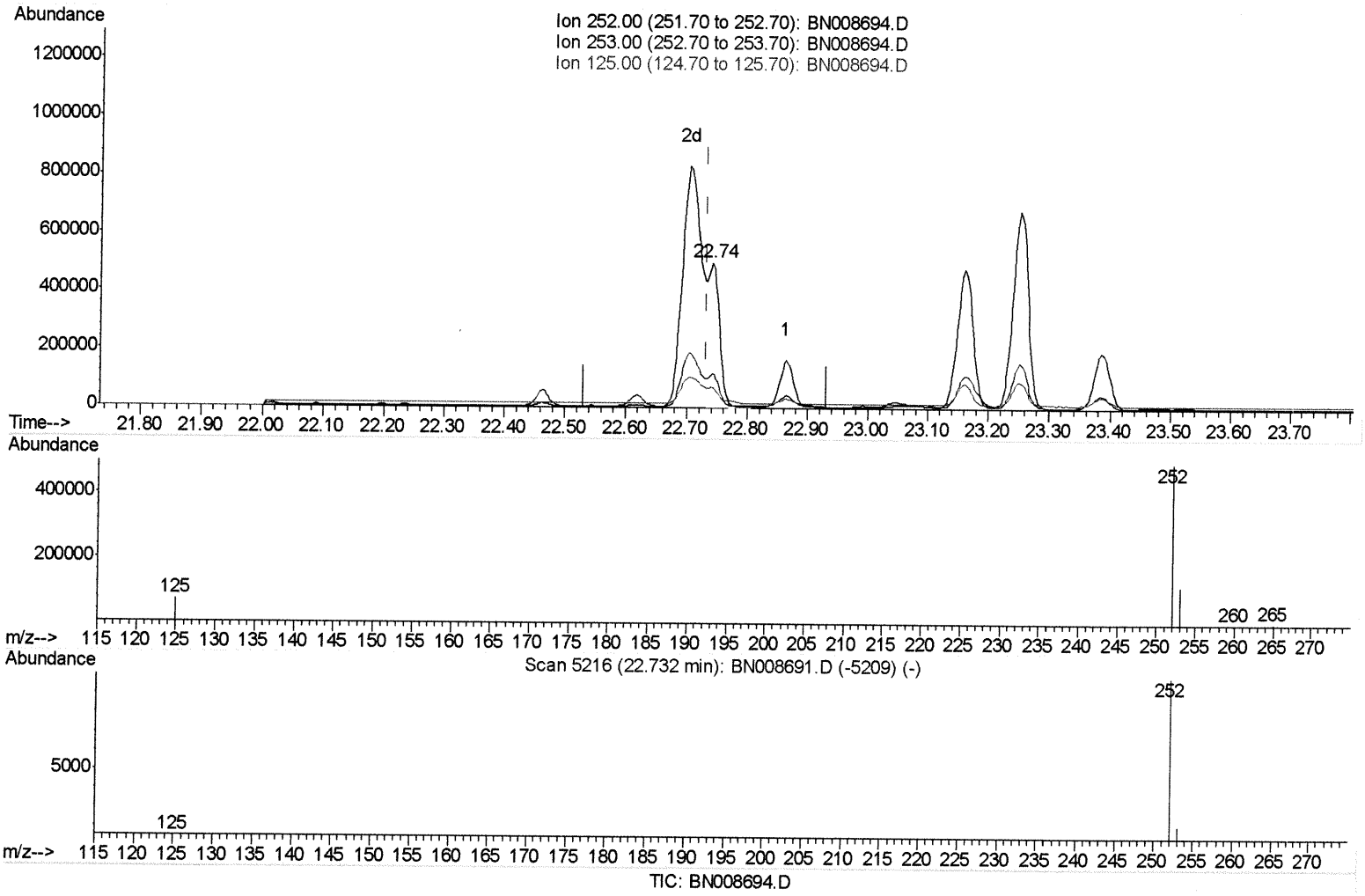
Quantitation Report (Qedit)

Data File : BN008694.D
Acq On : 22 Nov 2019 02:27
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 07:15:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:00 PM



TIC: BN008694.D

(22) Benzo(k)fluoranthene

22.741min (+0.009) 8.93ng/ul m JU 11/25/19

response 616391

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	23.56
125.00	18.70	14.19#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

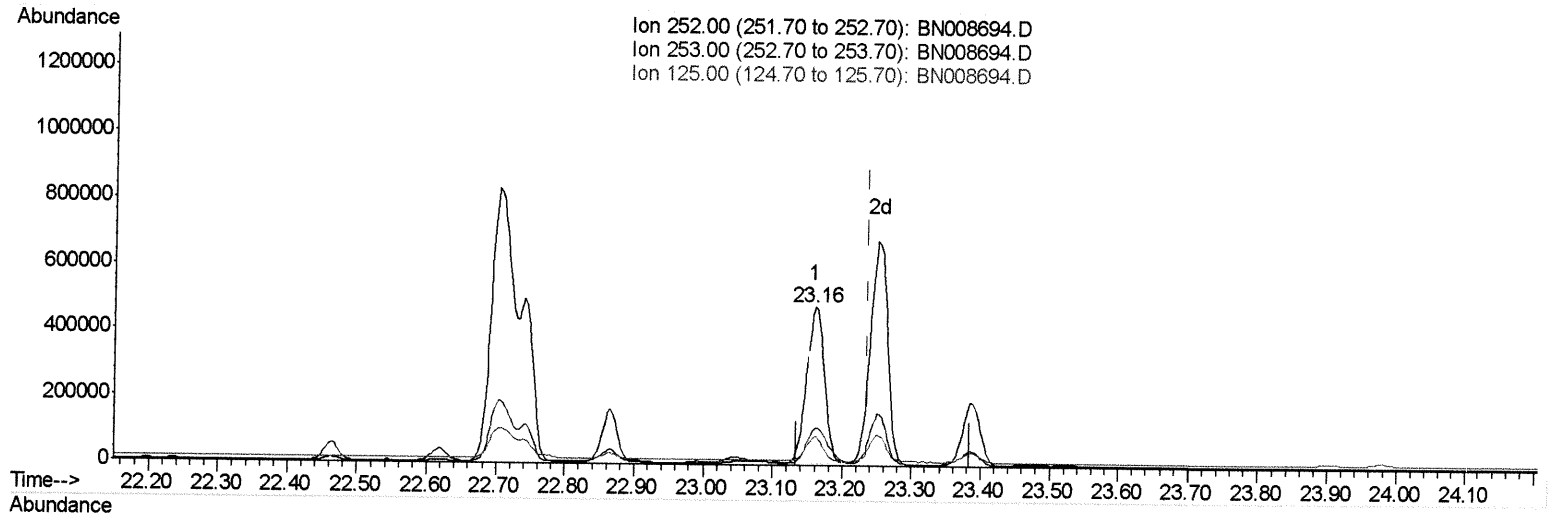
Quantitation Report (Qedit)

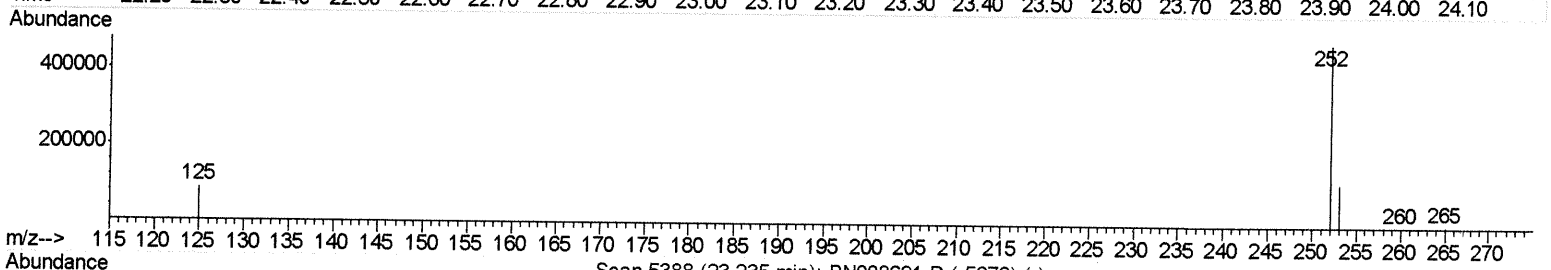
Data File : BN008694.D
Acq On : 22 Nov 2019 02:27
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

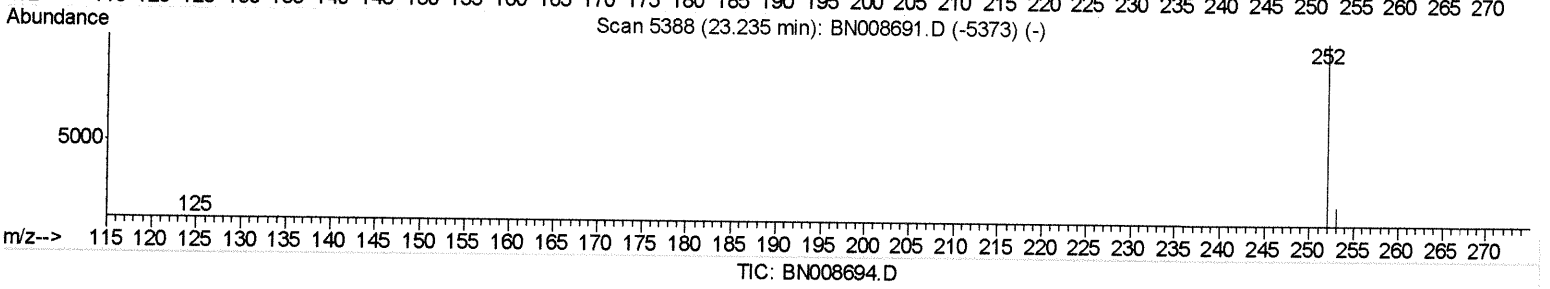
Quant Time: Nov 22 07:15:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:00 PM







(23) Benzo(a)pyrene (C)

23.159min (-0.076) 9.83ng/ul

response 642134

Ion	Exp%	Act%
252.00	100	100
253.00	26.80	23.44
125.00	17.30	18.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

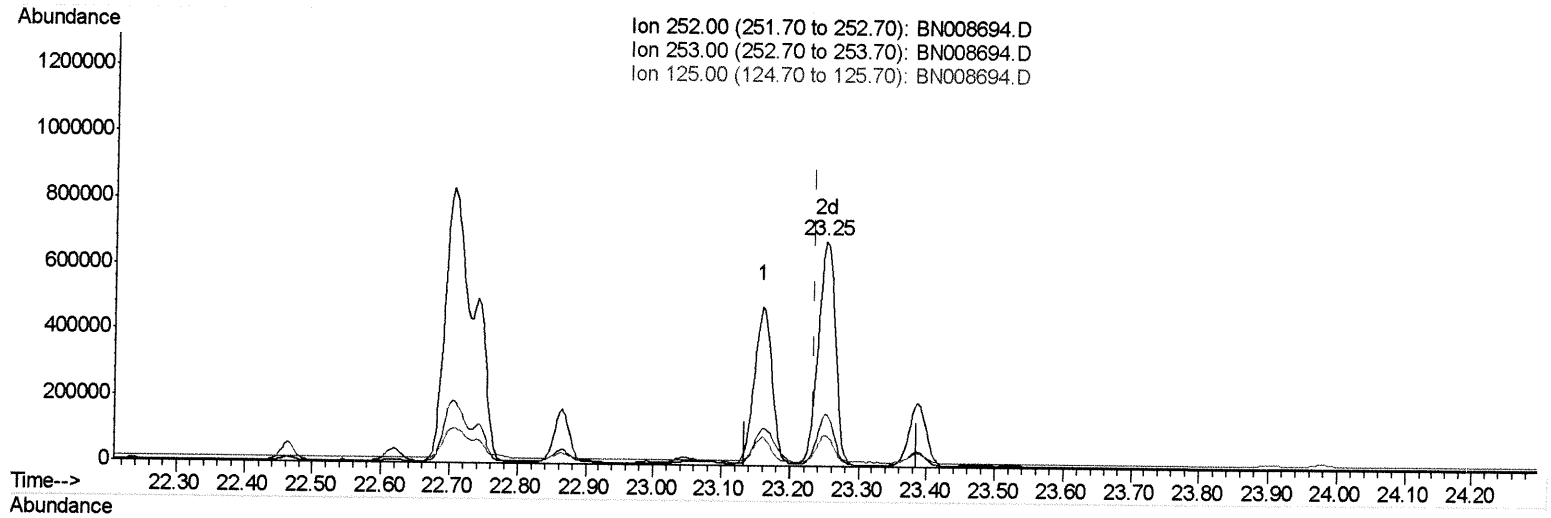
Quantitation Report (Qedit)

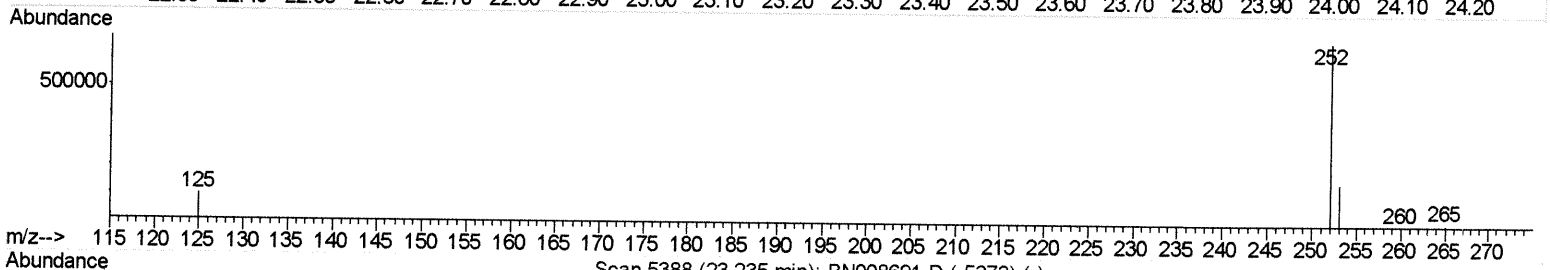
Data File : BN008694.D
Acq On : 22 Nov 2019 02:27
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

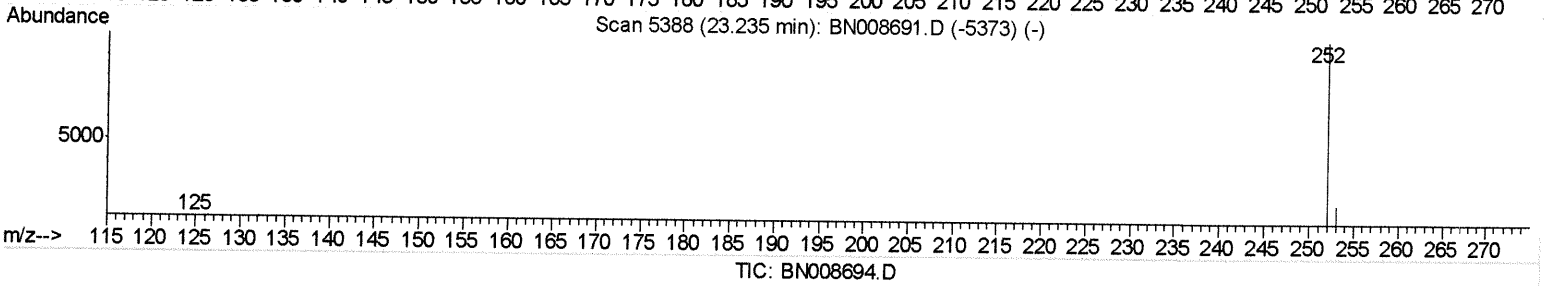
Quant Time: Nov 22 07:15:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:00 PM







(23) Benzo(a)pyrene (C)

23.250min (+0.015) 18.24ng/ul m JU 11/25/19

response 1191213

Ion	Exp%	Act%
252.00	100	100
253.00	26.80	23.12
125.00	17.30	13.76#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

Quantitation Report (QT Reviewed)

Data File : BN008694.D
Acq On : 22 Nov 2019 02:27
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 07:25:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AC6

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4249	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15797	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	10603	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	19669	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12568	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	16877	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5176	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	14142	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	193170	4.056	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	190223	5.720	ng/ul	100
7) Acenaphthylene	13.95	152	81700	1.394	ng/ul	97
8) Acenaphthene	14.30	153	101251	2.327	ng/ul	98
9) Fluorene	15.29	166	89376	1.750	ng/ul#	97
11) Pentachlorophenol	16.64	266	164	0.022	ng/ul#	85
12) Phenanthrene	17.02	178	1756393	26.478	ng/ul	98
13) Anthracene	17.11	178	534536	8.528	ng/ul	98
15) Fluoranthene	19.04	202	3798450	46.609	ng/ul	92
17) Pyrene	19.40	202	3379099	67.018	ng/ul#	94
18) Benzo(a)anthracene	21.16	228	1640112	32.450	ng/ul	97
19) Chrysene	21.21	228	1514786	30.514	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	1842327m	26.472	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	616391m	8.930	ng/ul	
23) Benzo(a)pyrene	23.25	252	1191213m	18.235	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.48	276	740121	9.688	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.49	278	182076	2.951	ng/ul	97
26) Benzo(g,h,i)perylene	26.14	276	688497	10.773	ng/ul	99

JU 11/25/19

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