Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

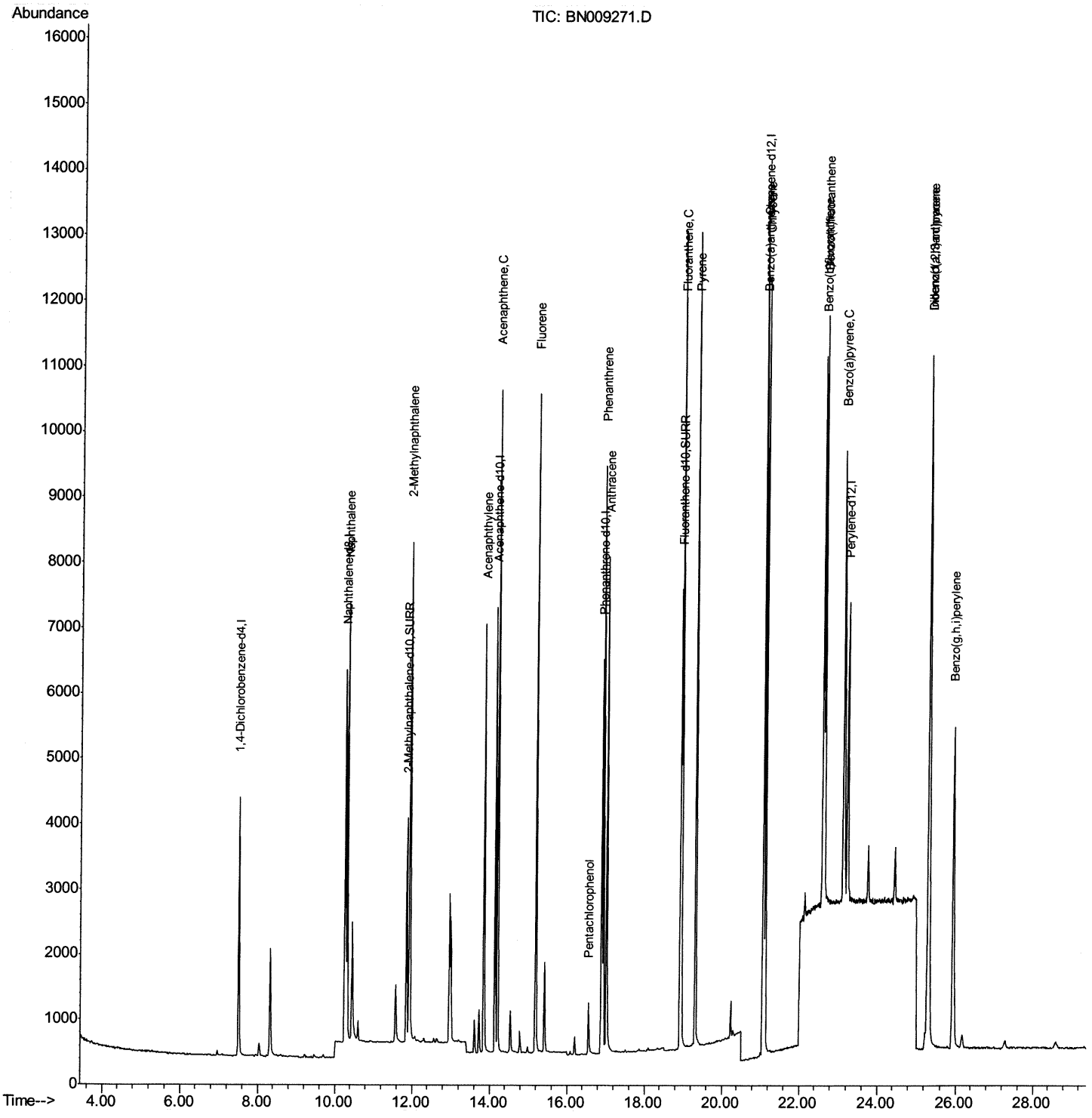
Quantitation Report (QT Reviewed)

Data File : BN009271.D
Acq On : 30 Dec 2019 21:54
Operator : JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 02:03:31 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 : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.403

Manual Integrations APPROVED
mohammad
12/31/2019 12:12:48 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

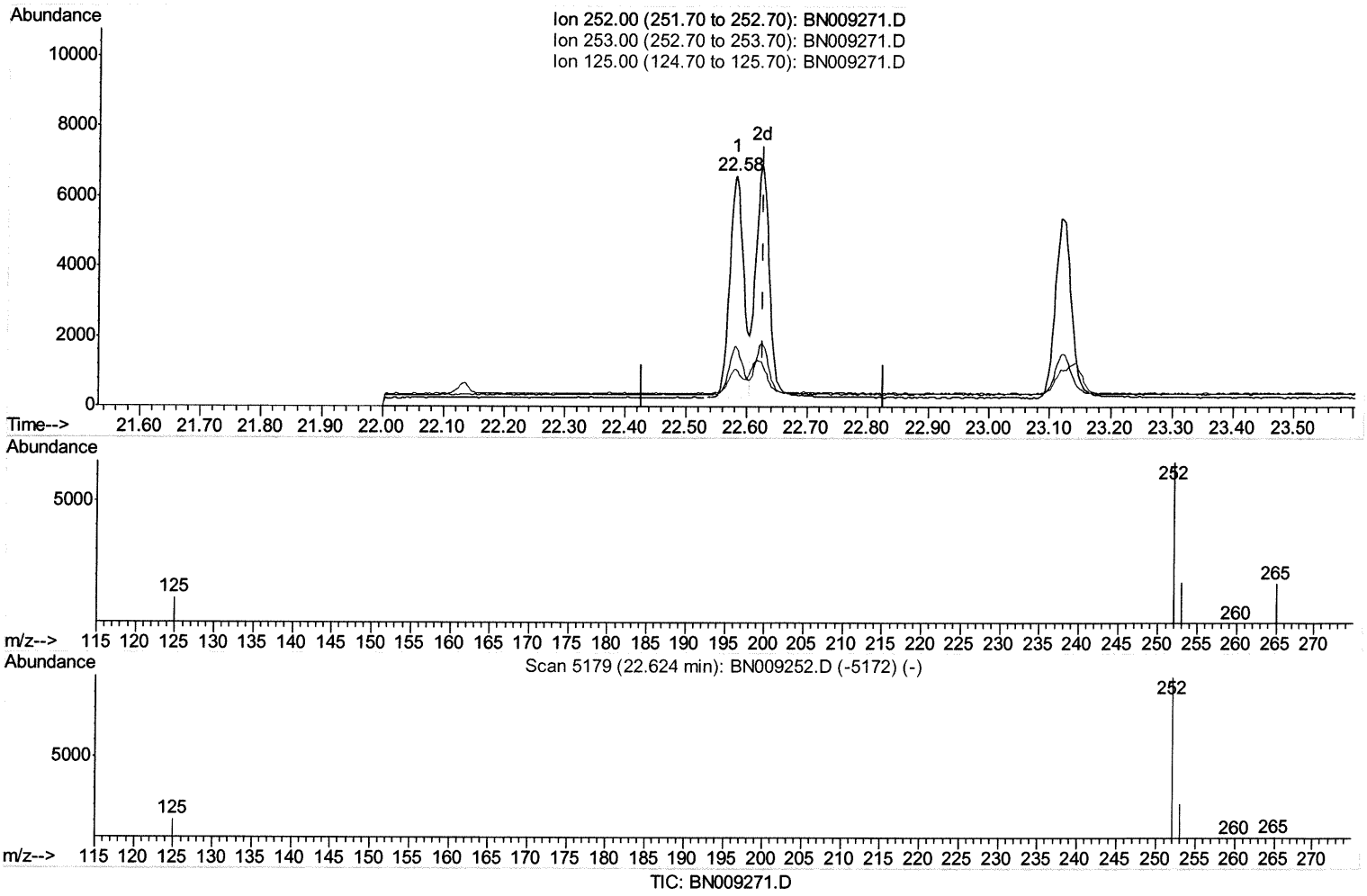
Quantitation Report (Qedit)

Data File : BN009271.D
Acq On : 30 Dec 2019 21:54
Operator : JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 01:04:37 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 : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.403

Manual Integrations APPROVED
mohammad
12/31/2019 12:12:48 PM



TIC: BN009271.D

(22) Benzo(k)fluoranthene

22.583min (-0.044) 0.38ng/ul

response 10063

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	26.21
125.00	15.50	16.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

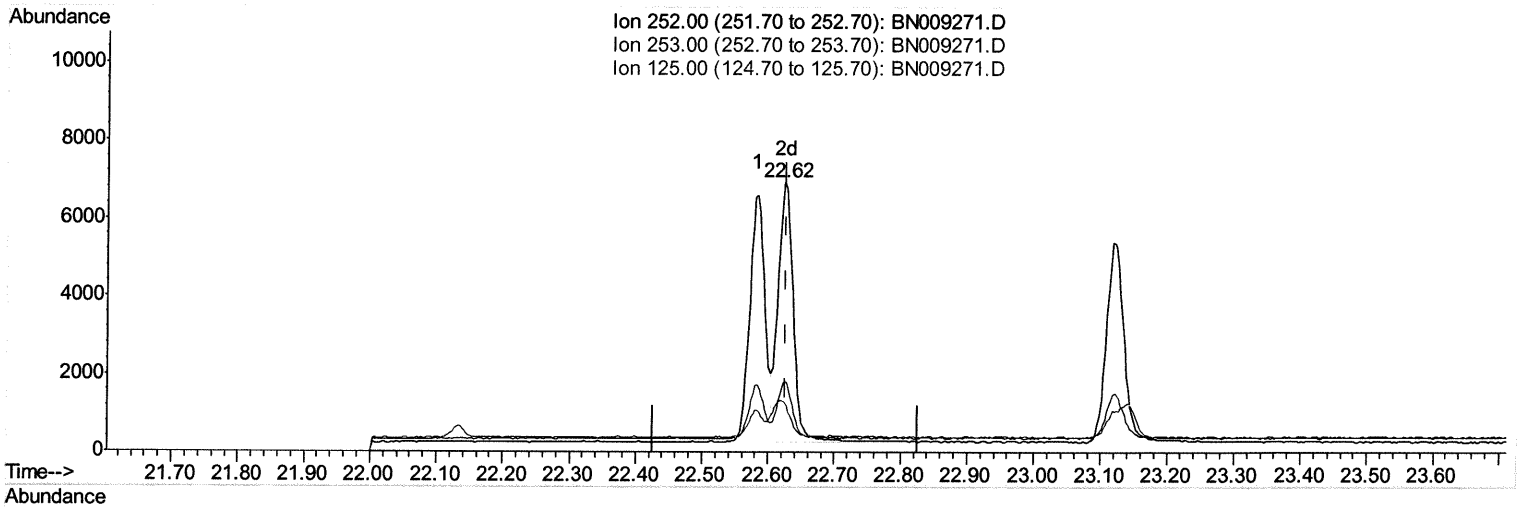
Quantitation Report (Qedit)

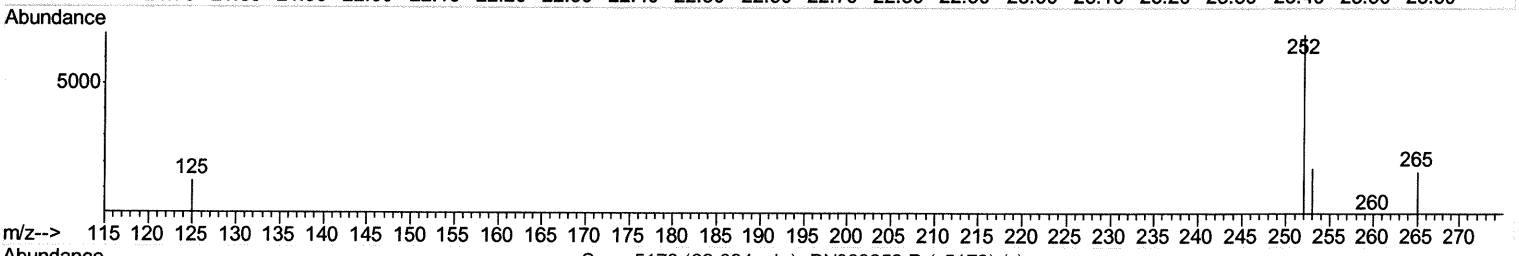
Data File : BN009271.D
Acq On : 30 Dec 2019 21:54
Operator : JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

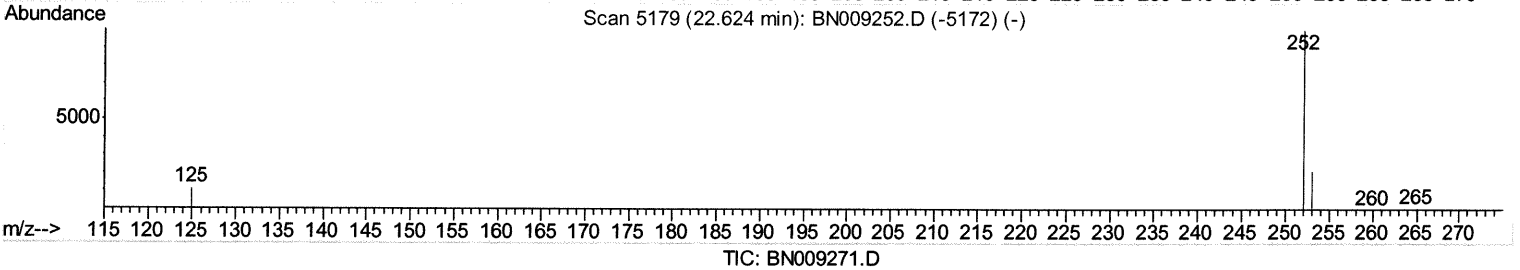
Quant Time: Dec 31 01:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.403

Manual Integrations APPROVED
mohammad
12/31/2019 12:12:48 PM







TIC: BN009271.D

(22) Benzo(k)fluoranthene

22.624min (-0.003) 0.40ng/ul m JU 12/31/19

response 10645

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	25.82
125.00	15.50	18.64#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

Quantitation Report (QT Reviewed)

Data File : BN009271.D
Acq On : 30 Dec 2019 21:54
Operator : JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
LabSampleId : SSTD0.403

Manual Integrations APPROVED
mohammad
12/31/2019 12:12:48 PM

Quant Time: Dec 31 02:03:31 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 : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2106	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	7445	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	3742	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	7102	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	5514	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	5657	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	4776	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	8128	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	9147	0.405	ng/ul	99
5) 2-Methylnaphthalene	11.93	142	6097	0.357	ng/ul	100
7) Acenaphthylene	13.85	152	7771	0.395	ng/ul	98
8) Acenaphthene	14.19	153	5895	0.382	ng/ul	99
9) Fluorene	15.19	166	6451	0.354	ng/ul	99
11) Pentachlorophenol	16.56	266	694	0.367	ng/ul	99
12) Phenanthrene	16.92	178	9864	0.399	ng/ul	99
13) Anthracene	17.02	178	8888	0.401	ng/ul	99
15) Fluoranthene	18.95	202	10793	0.382	ng/ul	97
17) Pyrene	19.31	202	10864	0.386	ng/ul	98
18) Benzo(a)anthracene	21.07	228	9944	0.406	ng/ul	99
19) Chrysene	21.12	228	10192	0.414	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	10063	0.381	ng/ul	96
22) Benzo(k)fluoranthene	22.62	252	10645m >	0.400	ng/ul >	JU 12/31/19
23) Benzo(a)pyrene	23.12	252	9719	0.420	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.30	276	11437	0.454	ng/ul	96
25) Dibenzo(a,h)anthracene	25.31	278	9169	0.457	ng/ul	98
26) Benzo(g,h,i)perylene	25.93	276	9861	0.464	ng/ul	99

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