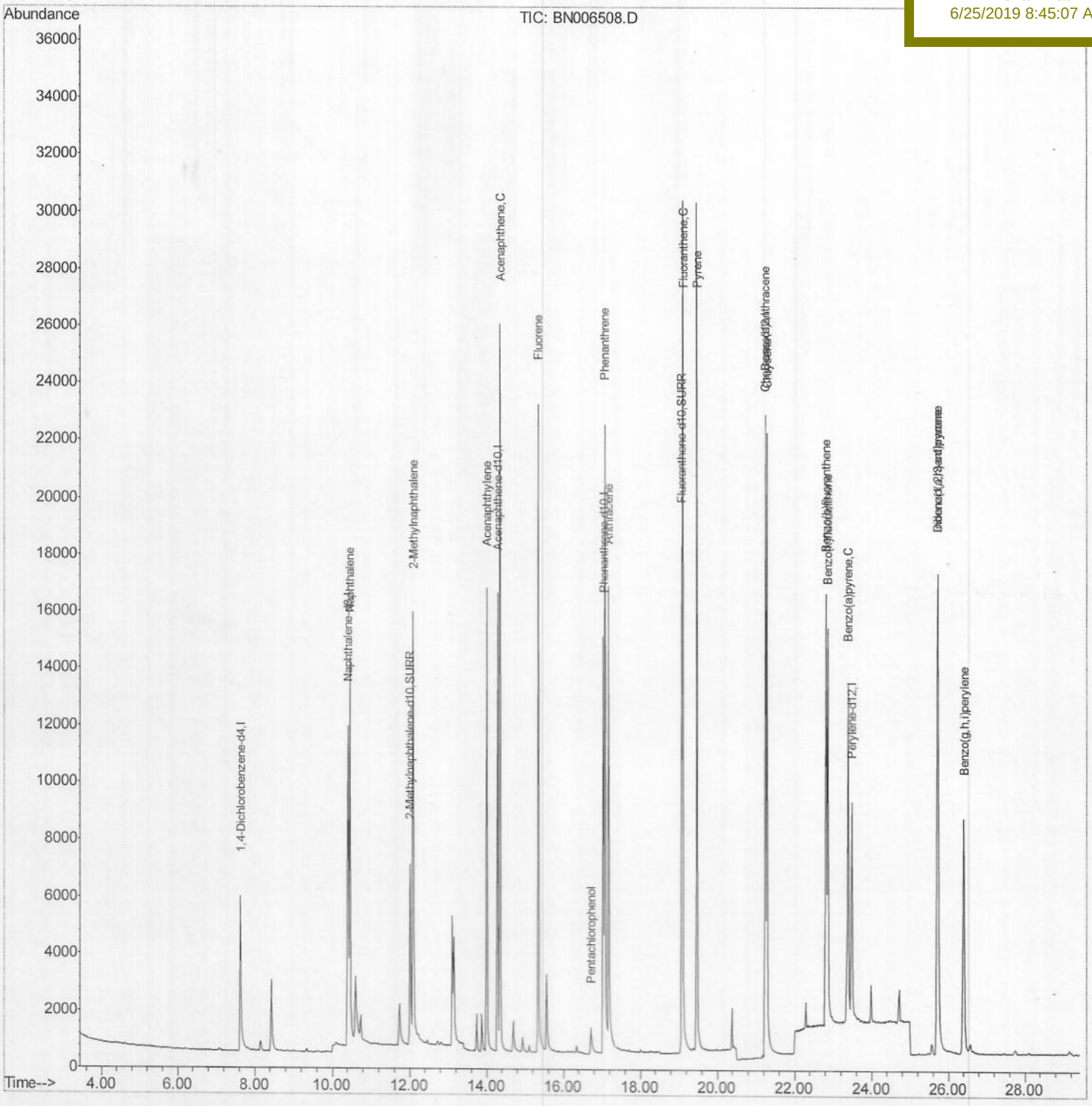
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006508.D
Acq On : 23 Jun 2019 02:09
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 24 09:34:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.428

Manual Integrations APPROVED
mohammad
6/25/2019 8:45:07 AM



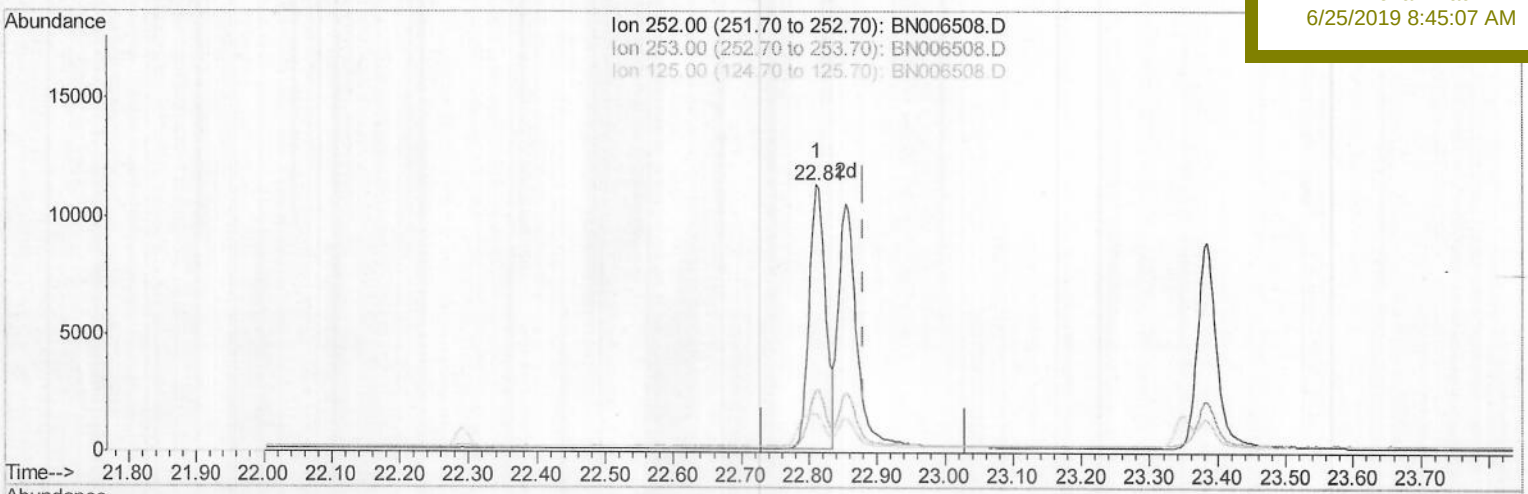
Quantitation Report (Qedit)

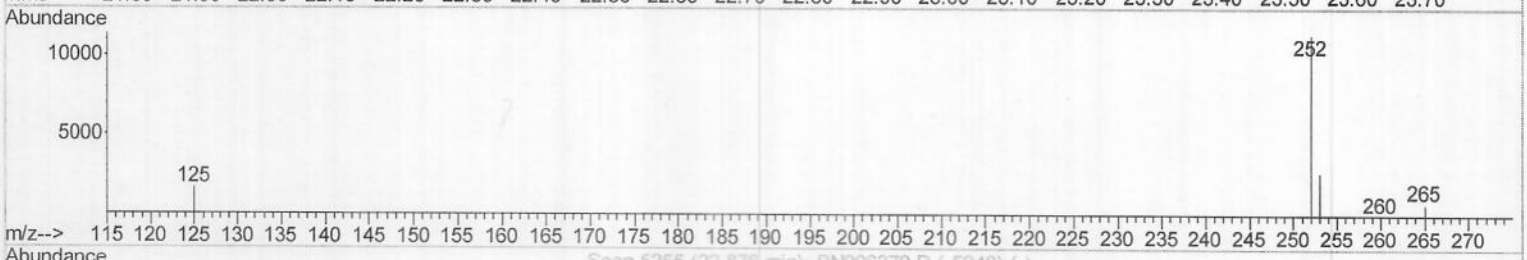
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006508.D
Acq On : 23 Jun 2019 02:09
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

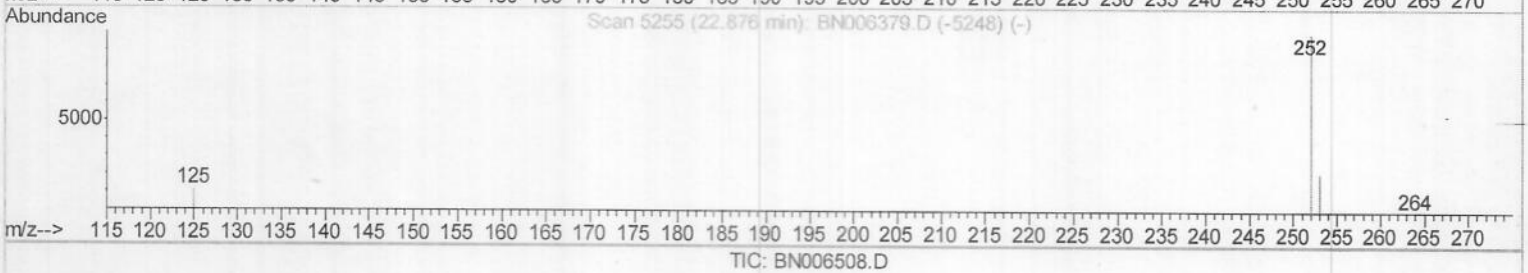
Quant Time: Jun 24 09:17:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.428

Manual Integrations APPROVED
mohammad
6/25/2019 8:45:07 AM







TIC: BN006508.D

(22) Benzo(k)fluoranthene

22.811min (-0.070) 0.44ng/ul

response 18900

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.72
125.00	17.90	14.67
0.00	0.00	0.00

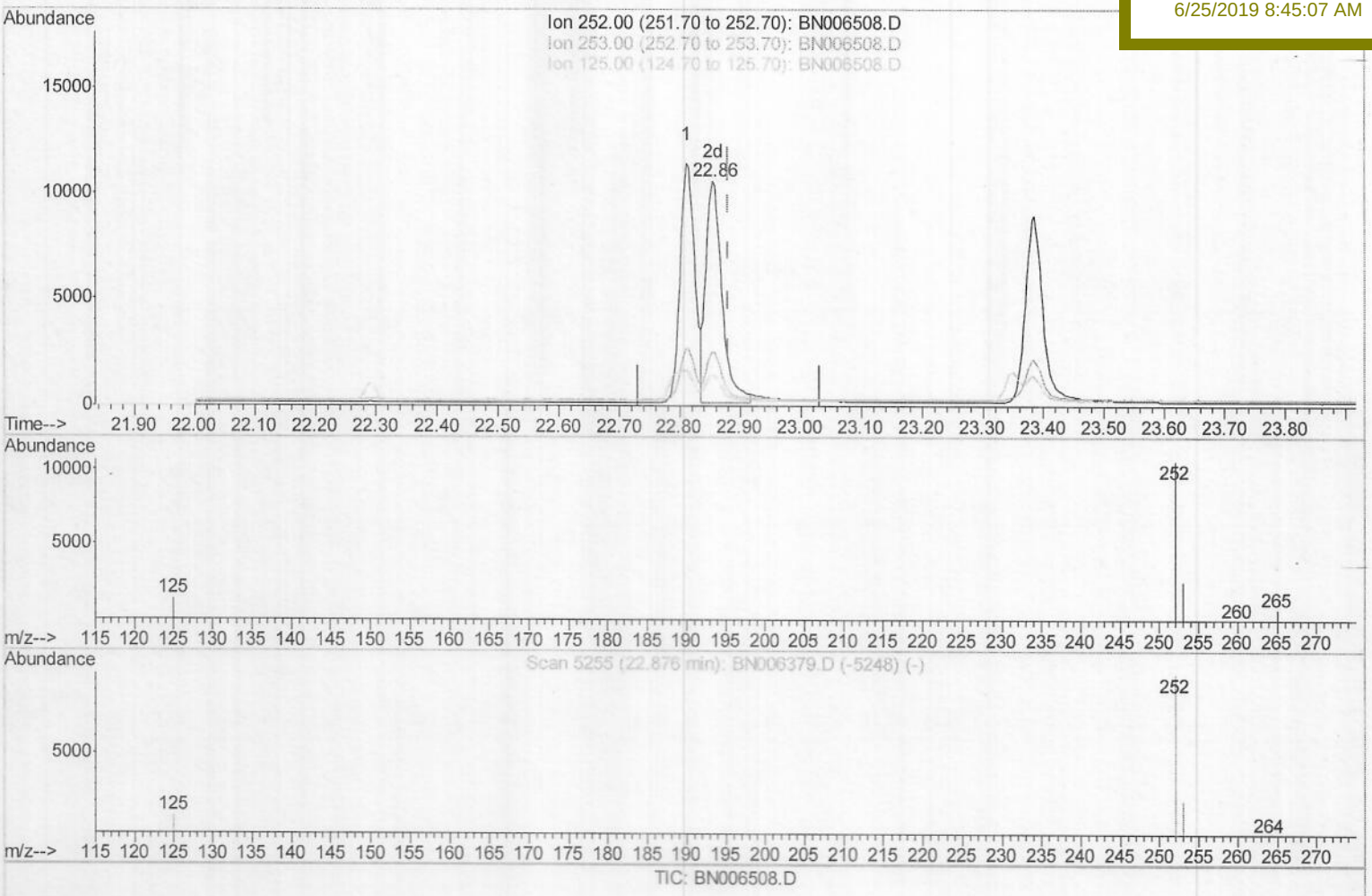
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006508.D
Acq On : 23 Jun 2019 02:09
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 24 09:17:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.428

Manual Integrations APPROVED
mohammad
6/25/2019 8:45:07 AM



(22) Benzo(k)fluoranthene

22.855min (-0.026) 0.45ng/ul m JJU06/25/19

response 19477

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	24.14
125.00	17.90	13.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006508.D
Acq On : 23 Jun 2019 02:09
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 24 09:34:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument : BNA_N
LabSampleId : SSTD0.428

Manual Integrations APPROVED
mohammad
6/25/2019 8:45:07 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4309	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	17168	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9215	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18887	0.40	ng/ul	-0.01
16) Chrysene-d12	21.25	240	11668	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	10676	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10865	0.41	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	19842	0.39	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	20421	0.431	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	13716	0.415	ng/ul	99
7) Acenaphthylene	14.00	152	20014	0.391	ng/ul	99
8) Acenaphthene	14.34	153	15238	0.429	ng/ul	99
9) Fluorene	15.34	166	16337	0.393	ng/ul	98
11) Pentachlorophenol	16.72	266	1328	0.277	ng/ul	97
12) Phenanthrene	17.08	178	25151	0.415	ng/ul	99
13) Anthracene	17.17	178	21702	0.375	ng/ul	99
15) Fluoranthene	19.11	202	26676	0.398	ng/ul	99
17) Pyrene	19.48	202	26893	0.438	ng/ul	97
18) Benzo(a)anthracene	21.24	228	18937	0.367	ng/ul	99
19) Chrysene	21.29	228	22061	0.455	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	18900	0.425	ng/ul	92
22) Benzo(k)fluoranthene	22.86	252	19477m	0.449	ng/ul	
23) Benzo(a)pyrene	23.38	252	17913	0.432	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.71	276	19446	0.433	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.72	278	15207	0.424	ng/ul	93
26) Benzo(g,h,i)perylene	26.40	276	16640	0.443	ng/ul	94

) JU 06/25/19

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