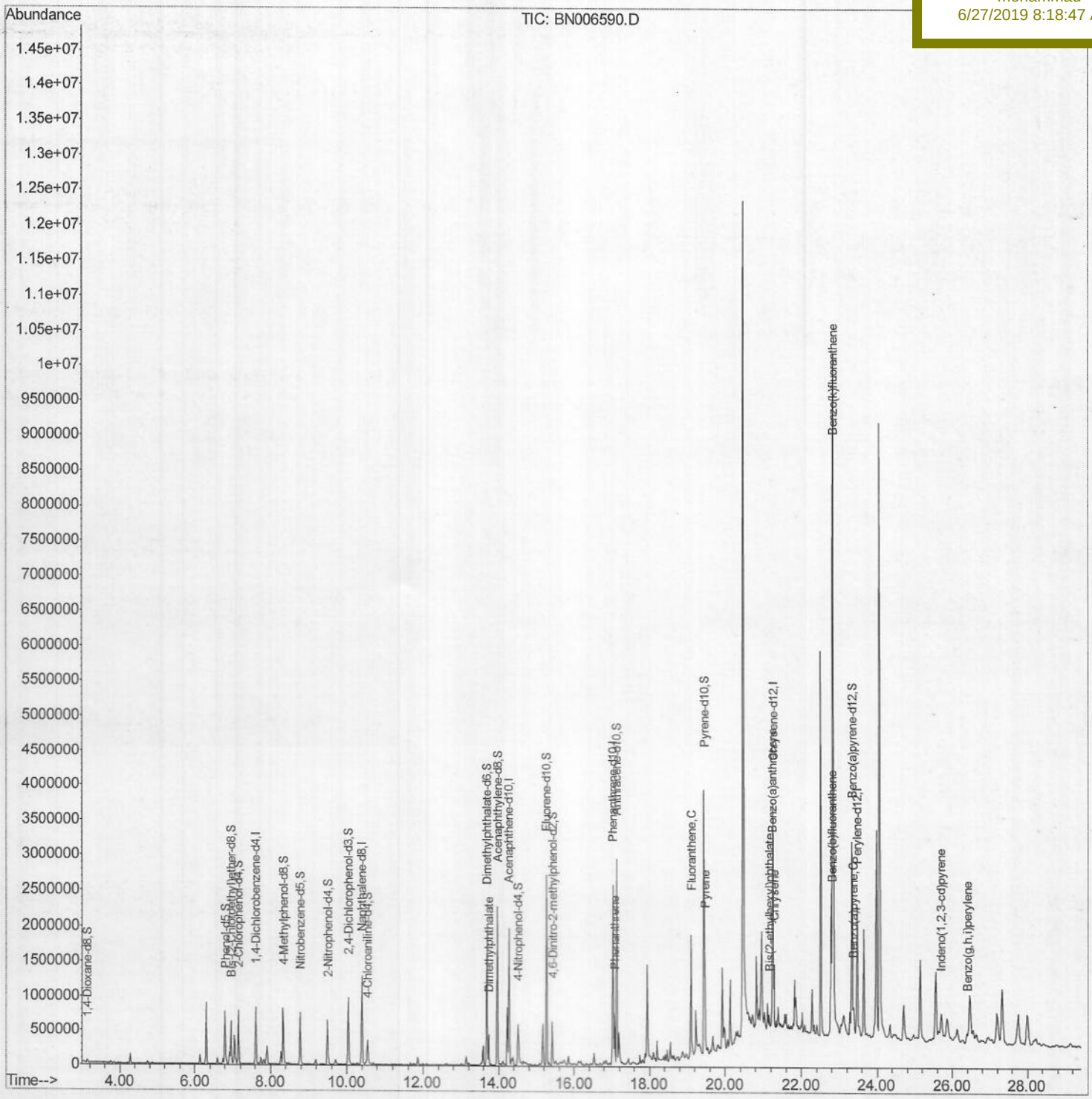
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
Data File : BN006590.D
Acq On : 26 Jun 2019 22:13
Operator : HP/JU
Sample : K3498-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 27 03:42:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 02:30:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C5AB3

Manual Integrations APPROVED
mohammad
6/27/2019 8:18:47 AM



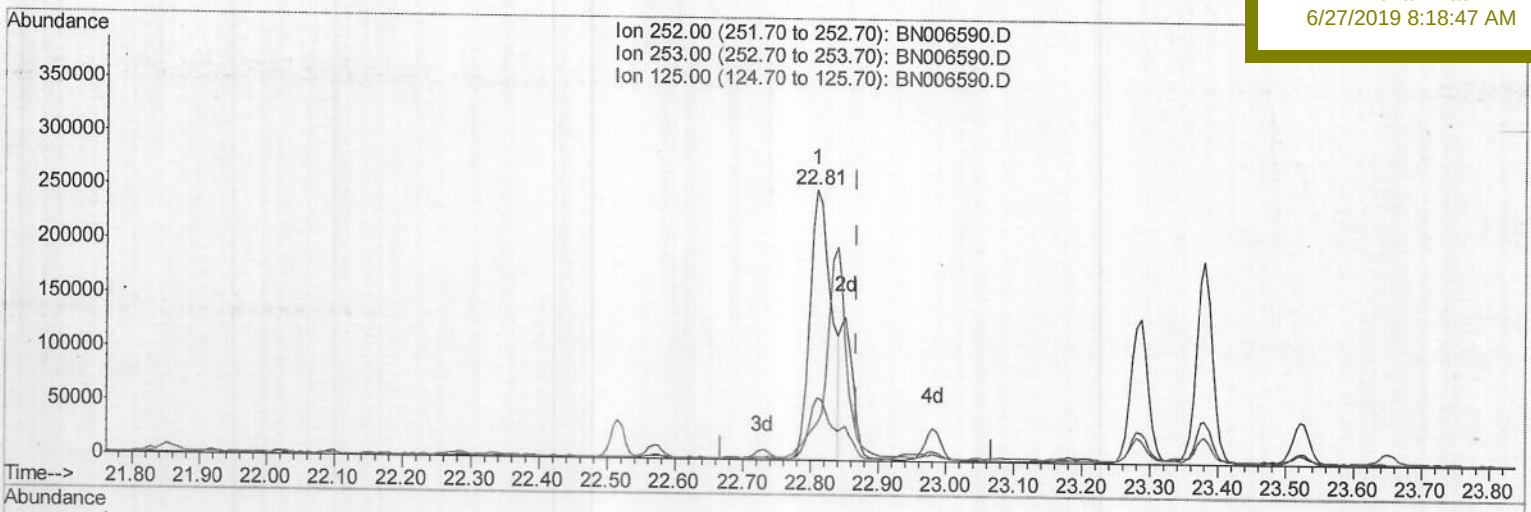
Quantitation Report (Qedit)

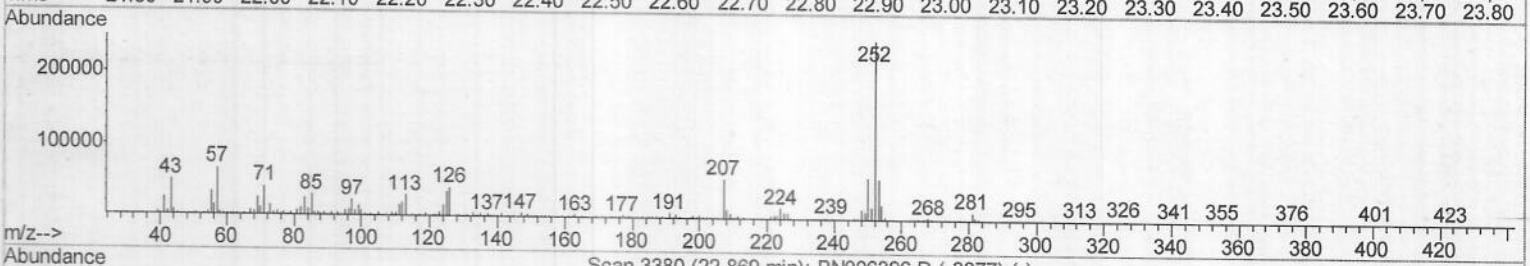
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
Data File : BN006590.D
Acq On : 26 Jun 2019 22:13
Operator : HP/JU
Sample : K3498-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

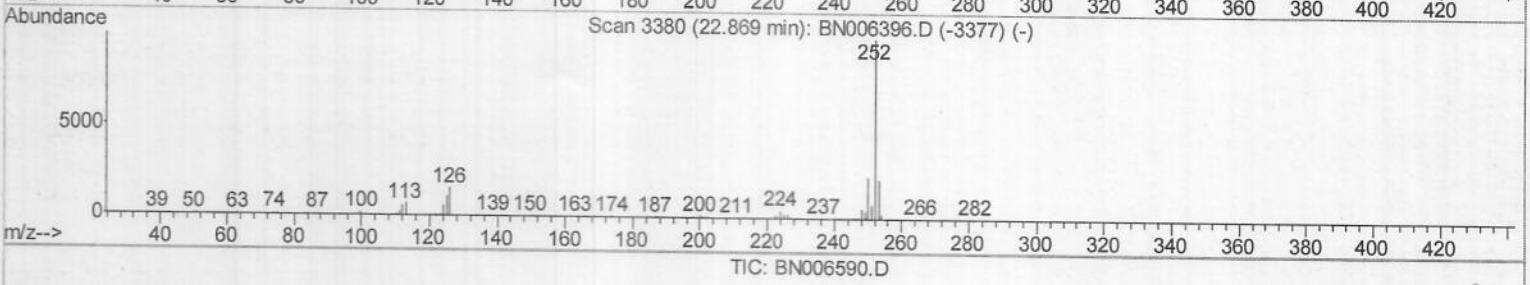
Quant Time: Jun 27 03:40:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 02:30:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C5AB3

Manual Integrations APPROVED
mohammad
6/27/2019 8:18:47 AM







TIC: BN006590.D

(88) Benzo(k)fluoranthene

22.810min (-0.059) 7.59ng/ul

response 539391

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.05
125.00	11.40	13.59
0.00	0.00	0.00

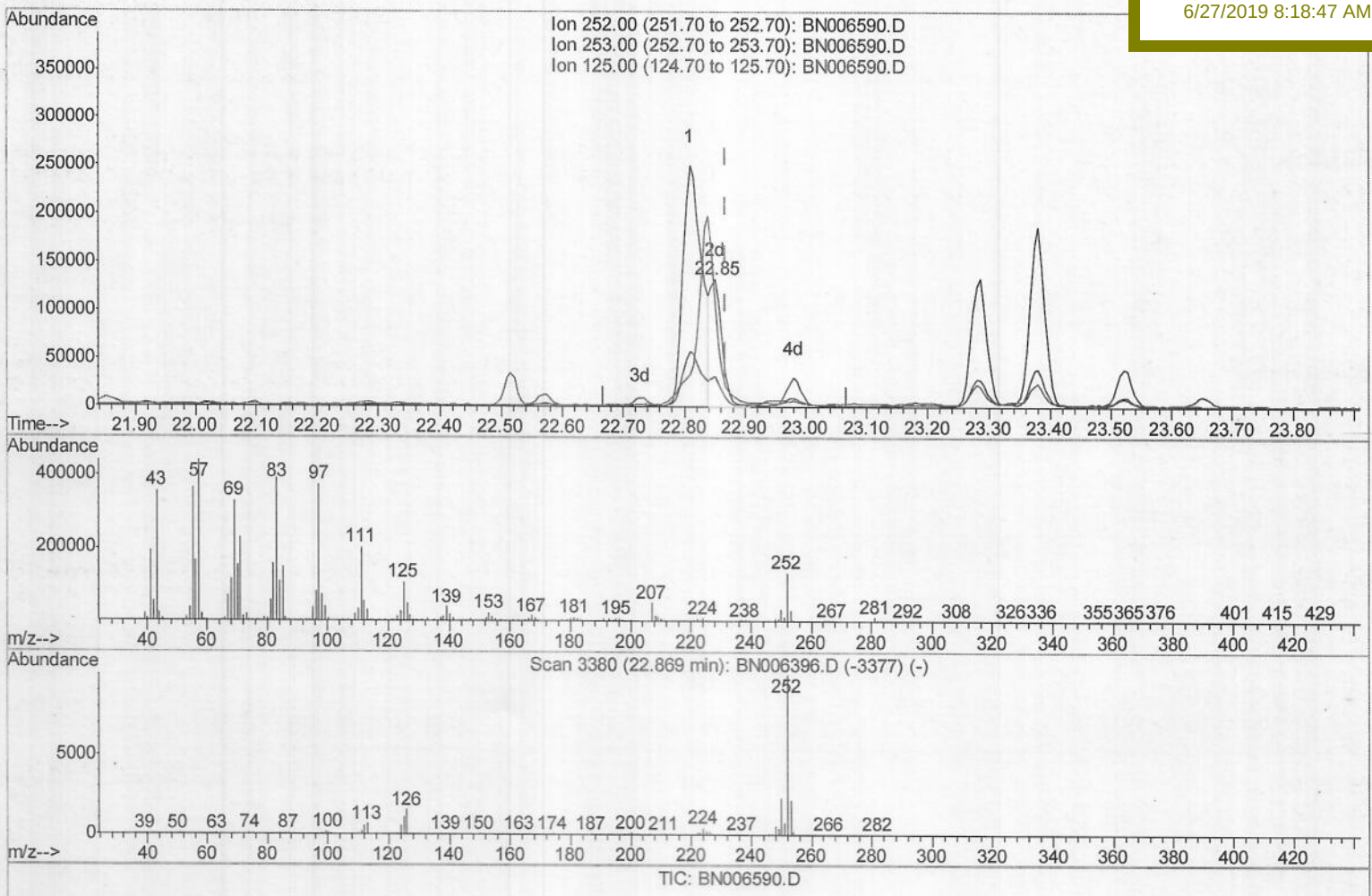
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
Data File : BN006590.D
Acq On : 26 Jun 2019 22:13
Operator : HP/JU
Sample : K3498-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 27 03:40:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 02:30:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C5AB3

Manual Integrations APPROVED
mohammad
6/27/2019 8:18:47 AM



TIC: BN006590.D

(88) Benzo(k)fluoranthene

22.851min (-0.018) 2.50ng/ul m > JU 06/27/19

response 177907

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.87
125.00	11.40	80.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
Data File : BN006590.D
Acq On : 26 Jun 2019 22:13
Operator : HP/JU
Sample : K3498-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 27 03:42:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 02:30:52 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C5AB3

Manual Integrations APPROVED
mohammad
6/27/2019 8:18:47 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	213491	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1029949	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	623055	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1374624	20.00	ng/ul	-0.01
77) Chrysene-d12	21.25	240	1279606	20.00	ng/ul	-0.01
85) Perylene-d12	23.47	264	1238824	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	20340	3.72	ng/uL	-0.01
5) Phenol-d5	6.80	99	444208	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	292699	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	339606	20.26	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	309973	17.19	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	181290	21.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	210031	23.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	363518	21.06	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	211522	10.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1186882	21.73	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1438783	21.50	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	162617	17.43	ng/ul	0.00
57) Fluorene-d10	15.27	176	1032147	22.22	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	124429	14.30	ng/ul	0.00
70) Anthracene-d10	17.13	188	1539753	22.25	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1741175	23.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1561952	22.32	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.73	163	262203	5.208	ng/ul	100
69) Phenanthrene	17.07	178	374499	4.939	ng/ul	100
76) Fluoranthene	19.10	202	966137	11.824	ng/ul	98
79) Pyrene	19.47	202	791943	9.090	ng/ul	99
82) Benzo(a)anthracene	21.23	228	381117	4.358	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	68167	1.217	ng/ul#	99
84) Chrysene	21.29	228	490253	5.890	ng/ul	99
87) Benzo(b)fluoranthene	22.81	252	539391	7.255	ng/ul#	97
88) Benzo(k)fluoranthene	22.85	252	177907m	2.504	ng/ul	
90) Benzo(a)pyrene	23.38	252	315639	4.427	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	191420	2.269	ng/ul	96
93) Benzo(g,h,i)perylene	26.39	276	157474	2.216	ng/ul	99

JU 06/27/19

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