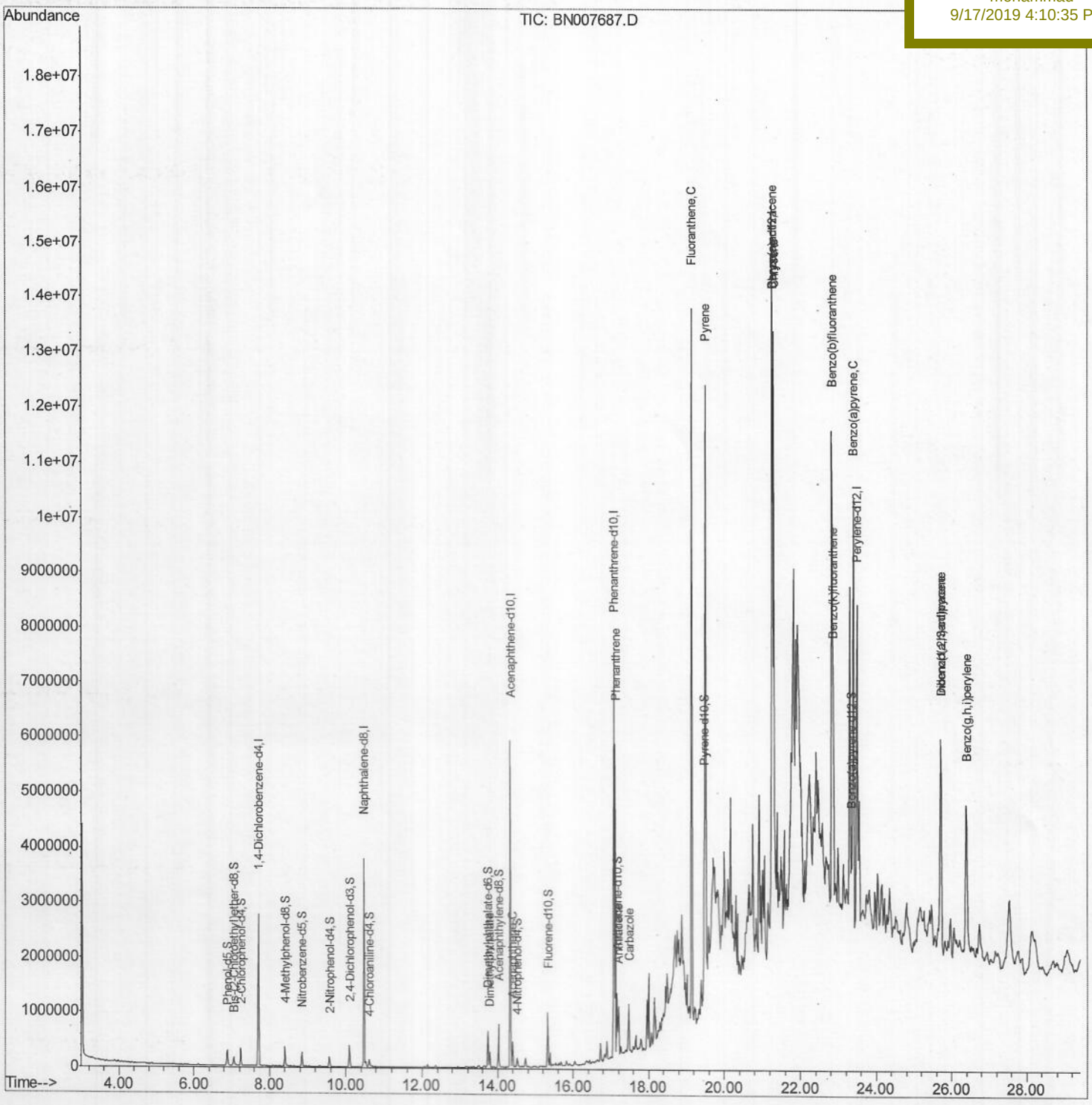
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 17 05:54:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:35 PM



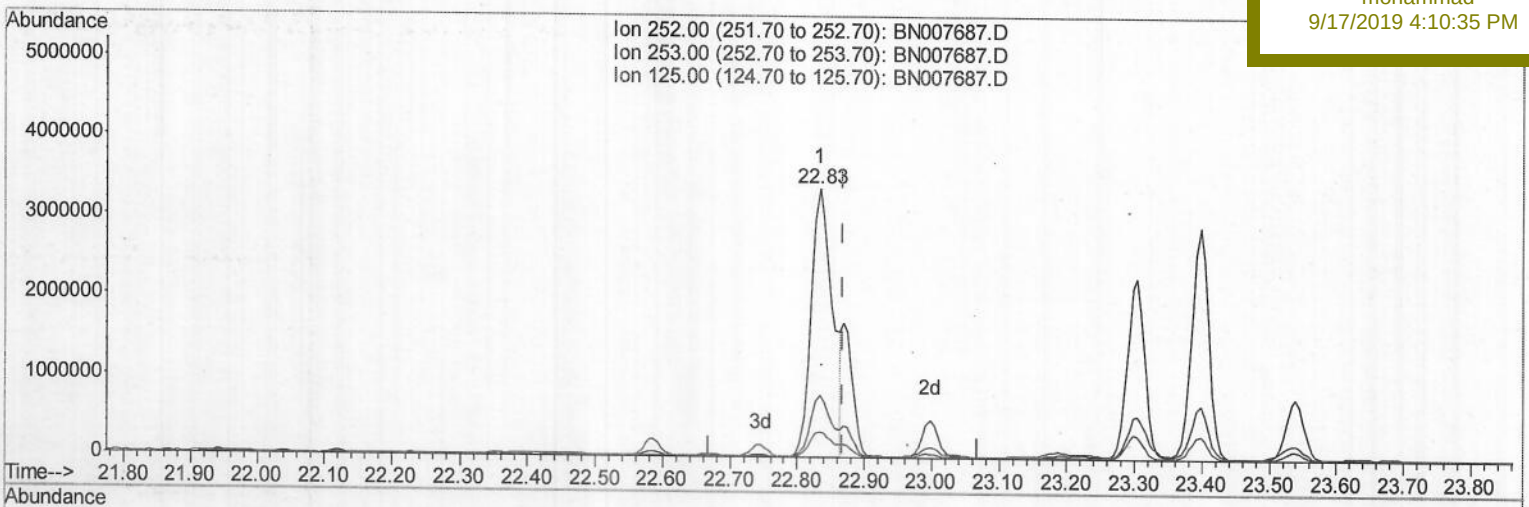
Quantitation Report (Qedit)

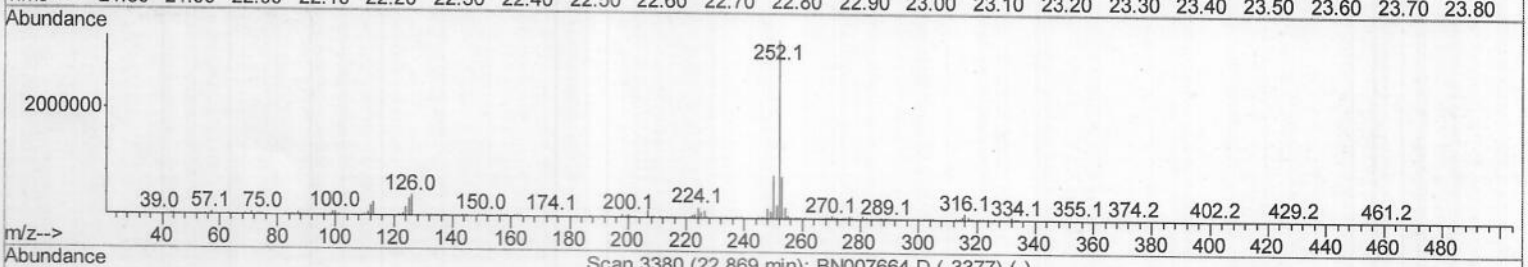
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

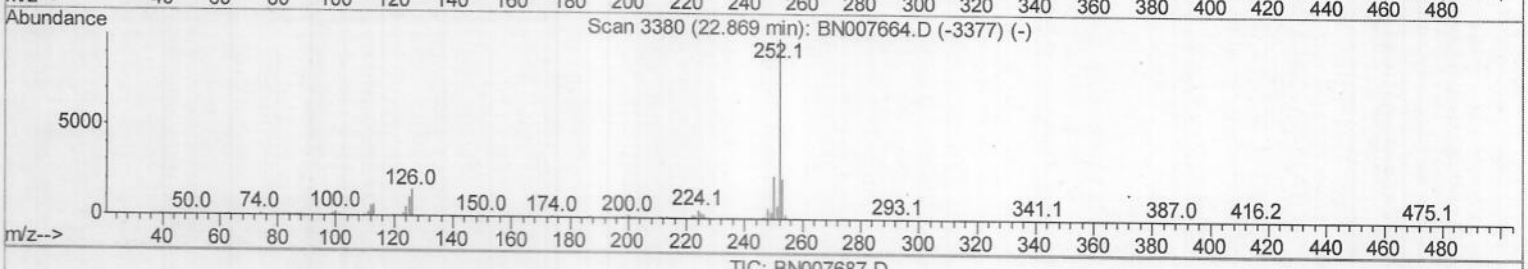
Quant Time: Sep 17 05:22:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:35 PM







TIC: BN007687.D

(88) Benzo(k)fluoranthene

22.833min (-0.035) 27.97ng/ul

response 7310824

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.41
125.00	10.30	9.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
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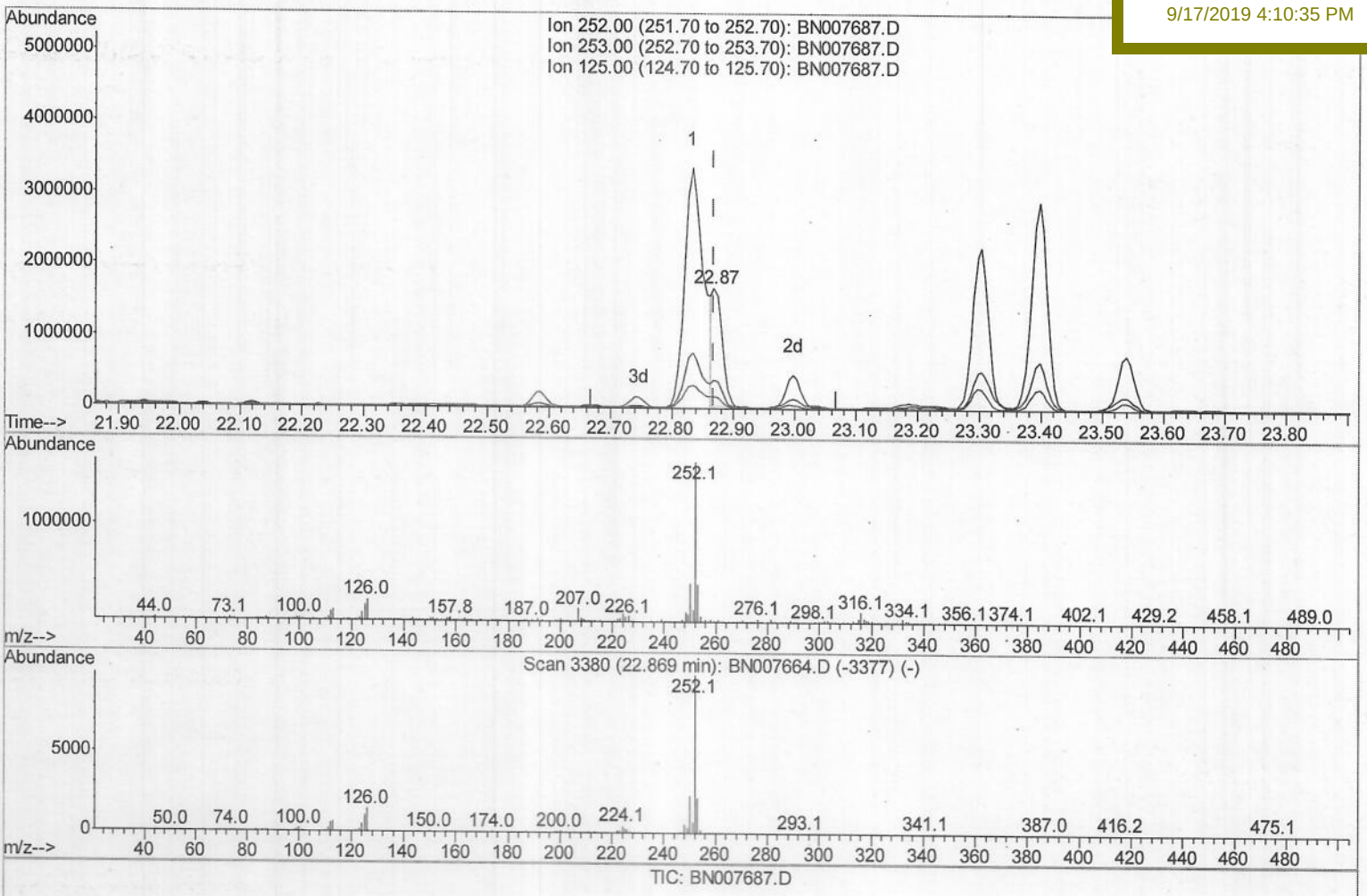
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:35 PM



TIC: BN007687.D

(88) Benzo(k)fluoranthene

22.868min (-0.000) 6.89ng/ul m JU 09/18/19

response 1801698

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.25
125.00	10.30	9.94
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 17 05:54:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : F2D06DL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	731551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	3069209	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1925372	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3999315	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3654003	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	4158493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	7835	0.41	ng/uL	0.01
5) Phenol-d5	6.88	99	173261	2.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	90906	2.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	138548	2.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	134257	2.53	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	61314	2.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	55512	2.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	135917	2.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	78072	1.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	427952	2.79	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	495663	2.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	39768	1.46	ng/ul	0.00
57) Fluorene-d10	15.33	176	377291	2.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	9135	0.42	ng/ul	0.00
70) Anthracene-d10	17.17	188	589934	2.96	ng/ul	0.00
78) Pyrene-d10	19.47	212	645883	3.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	656729	3.04	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.79	163	179356	1.148	ng/ul	100
49) Acenaphthene	14.39	153	179499	1.381	ng/ul	98
69) Phenanthrene	17.12	178	3202207	13.502	ng/ul	99
71) Anthracene	17.21	178	551069	2.321	ng/ul	97
74) Carbazole	17.47	167	527709	2.628	ng/ul	97
76) Fluoranthene	19.14	202	7267729	27.935	ng/ul	99
79) Pyrene	19.50	202	6878919	28.272	ng/ul	99
82) Benzo(a)anthracene	21.26	228	4686835	18.001	ng/ul	96
84) Chrysene	21.30	228	5522921	22.799	ng/ul	96
87) Benzo(b)fluoranthene	22.83	252	7310824	27.185	ng/ul	98
88) Benzo(k)fluoranthene	22.87	252	1801698m	6.894	ng/ul	
90) Benzo(a)pyrene	23.40	252	5113384	19.667	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.71	276	3455788	11.313	ng/ul	96
92) Dibenzo(a,h)anthracene	25.71	278	1001004	3.929	ng/ul#	79
93) Benzo(g,h,i)perylene	26.39	276	3136731	12.526	ng/ul	98

JU 09/18/19

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