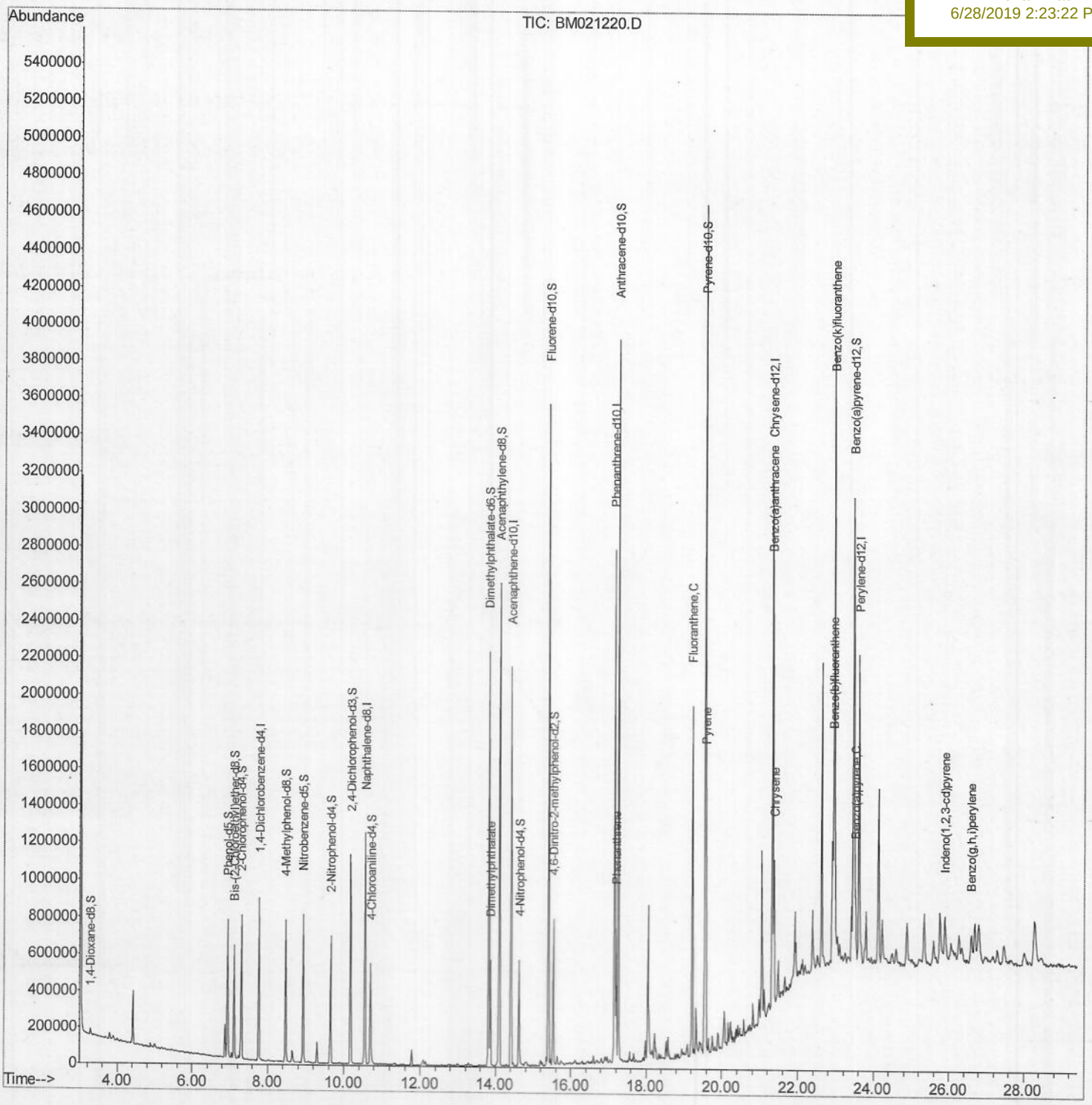
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062719\
Data File : BM021220.D
Acq On : 27 Jun 2019 17:09
Operator : HP/JU
Sample : K3502-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 27 18:47:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 15:09:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5AE0

Manual Integrations APPROVED
mohammad
6/28/2019 2:23:22 PM



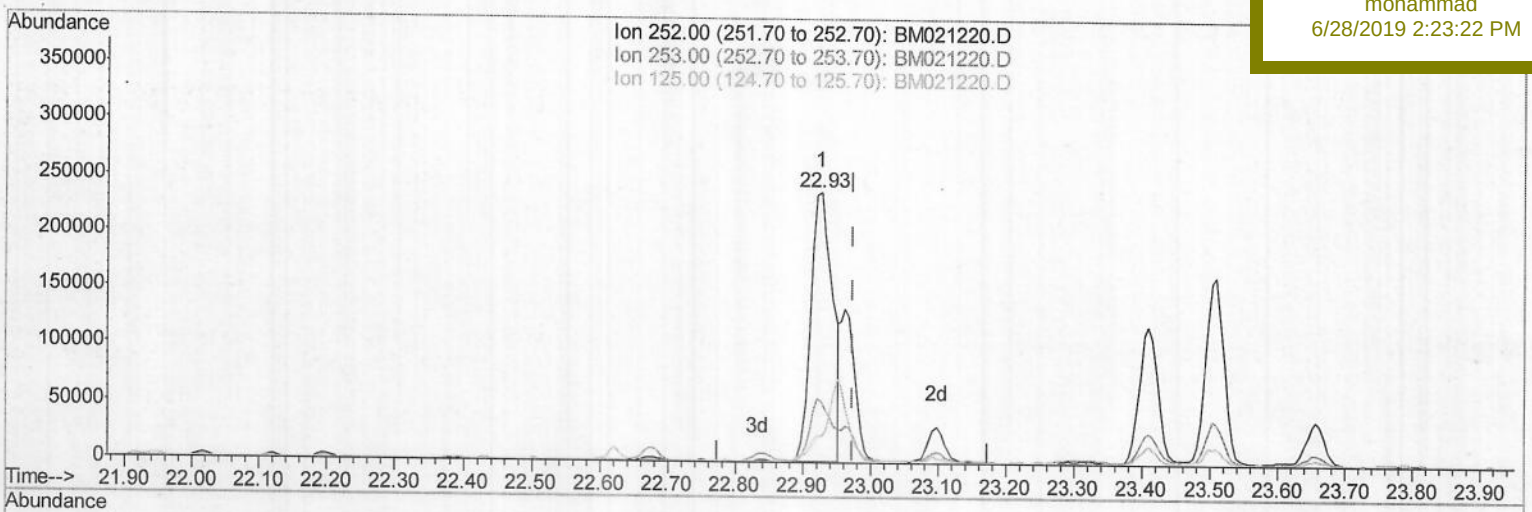
Quantitation Report (Qedit)

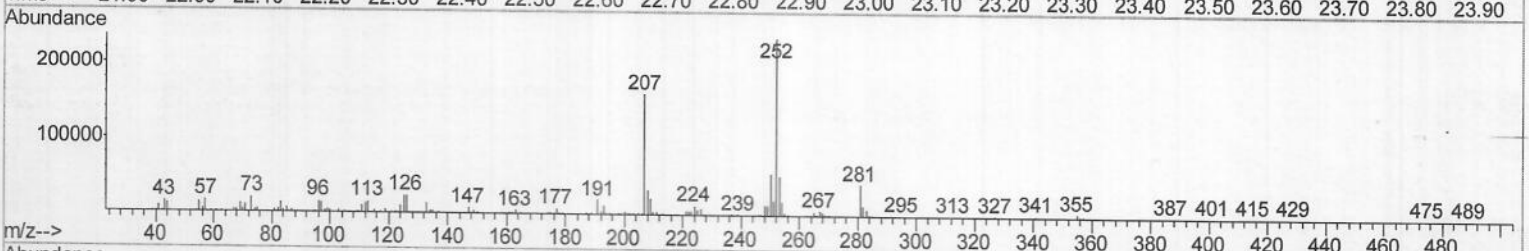
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062719\
Data File : BM021220.D
Acq On : 27 Jun 2019 17:09
Operator : HP/JU
Sample : K3502-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

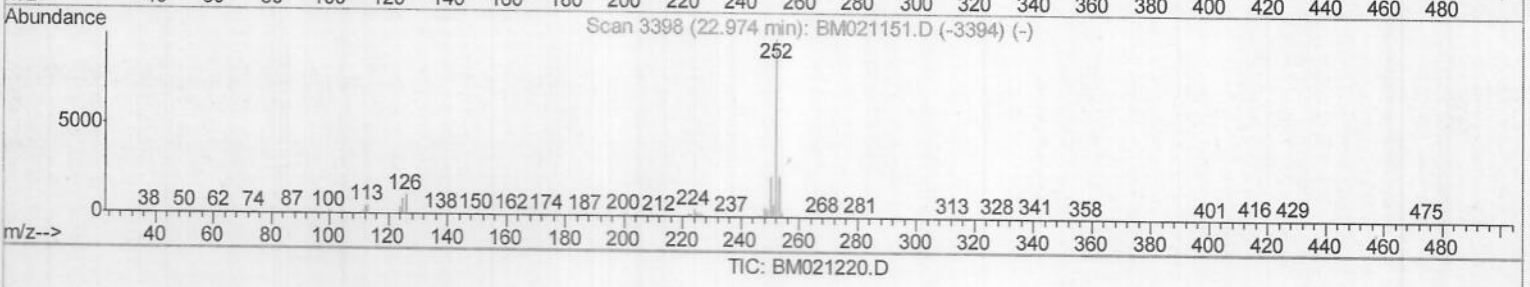
Quant Time: Jun 27 18:41:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 15:09:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5AE0

Manual Integrations APPROVED
mohammad
6/28/2019 2:23:22 PM







TIC: BM021220.D

(88) Benzo(k)fluoranthene

22.927min (-0.047) 6.84ng/ul

response 517902

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	21.92
125.00	8.20	9.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062719\
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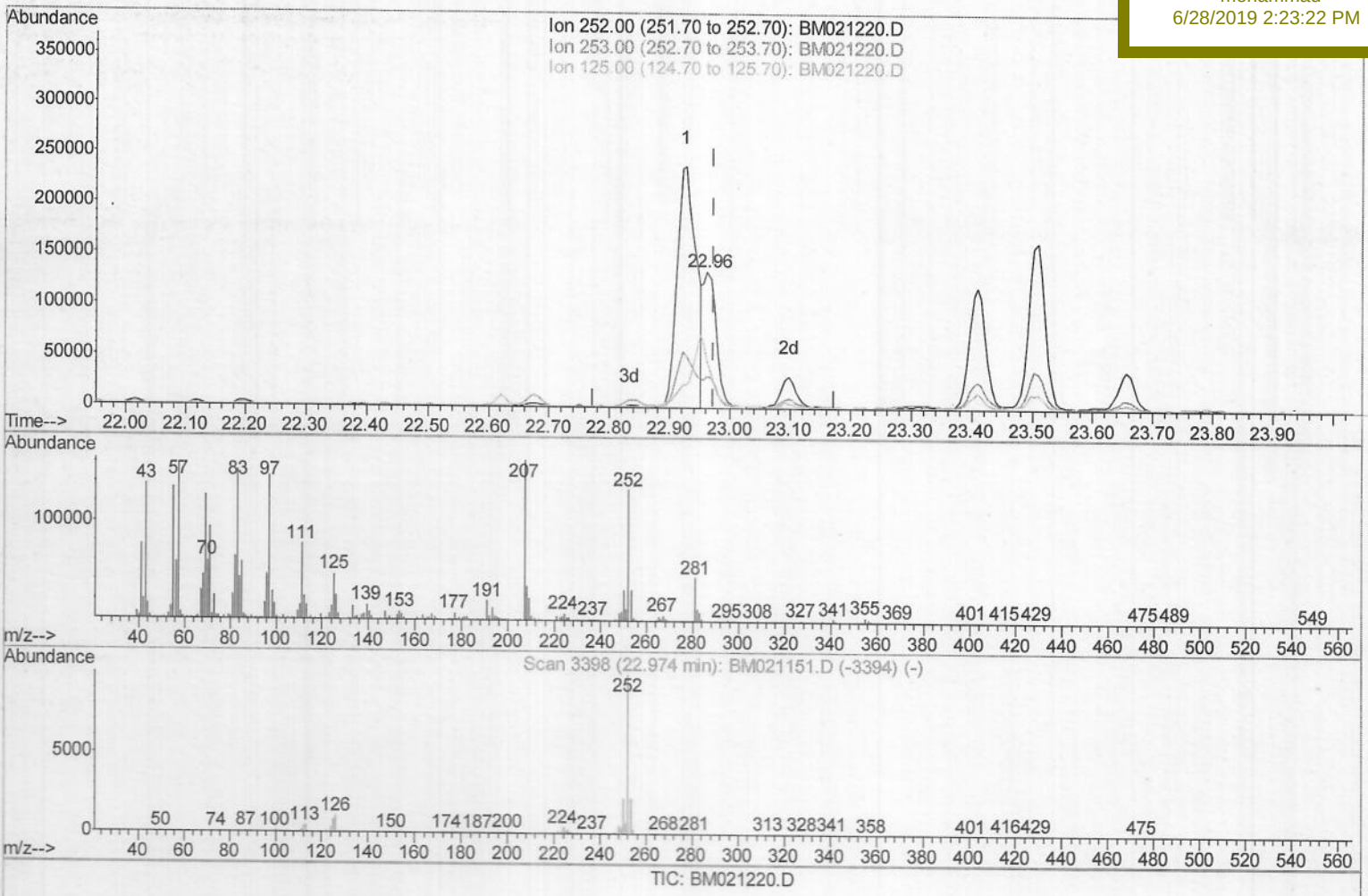
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 15:09:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5AE0

Manual Integrations APPROVED
mohammad
6/28/2019 2:23:22 PM



TIC: BM021220.D

(88) Benzo(k)fluoranthene

22.962min (-0.012) 2.76ng/ul m > JV 07/01/19

response 208870

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.57
125.00	8.20	34.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062719\
Data File : BM021220.D
Acq On : 27 Jun 2019 17:09
Operator : HP/JU
Sample : K3502-10
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 15:09:50 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C5AE0

Manual Integrations APPROVED
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6/28/2019 2:23:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	244690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1070162	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	703247	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1639871	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1224207	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1242820	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	18547	3.60	ng/uL	0.00
5) Phenol-d5	6.93	99	428891	20.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	271986	21.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	362588	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	298520	16.79	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	200380	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	226490	23.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	441246	22.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	317988	15.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1569343	24.70	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1832632	23.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	157179	15.21	ng/ul	0.00
57) Fluorene-d10	15.40	176	1401506	25.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	177571	17.61	ng/ul	0.00
70) Anthracene-d10	17.25	188	2092645	24.56	ng/ul	0.00
78) Pyrene-d10	19.54	212	2127053	28.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1765747	24.08	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	371443	6.421	ng/ul	99
69) Phenanthrene	17.19	178	425041	4.687	ng/ul	99
76) Fluoranthene	19.21	202	1082986	11.051	ng/ul	99
79) Pyrene	19.57	202	853972	9.867	ng/ul	99
82) Benzo(a)anthracene	21.32	228	398010	4.769	ng/ul	99
84) Chrysene	21.37	228	452326	5.787	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	517902	6.579	ng/ul#	99
88) Benzo(k)fluoranthene	22.96	252	208870m	2.758	ng/ul	
90) Benzo(a)pyrene	23.51	252	302173	4.078	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	222470	2.550	ng/ul	96
93) Benzo(g,h,i)perylene	26.60	276	178804	2.488	ng/ul	96

JU 07/01/19

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