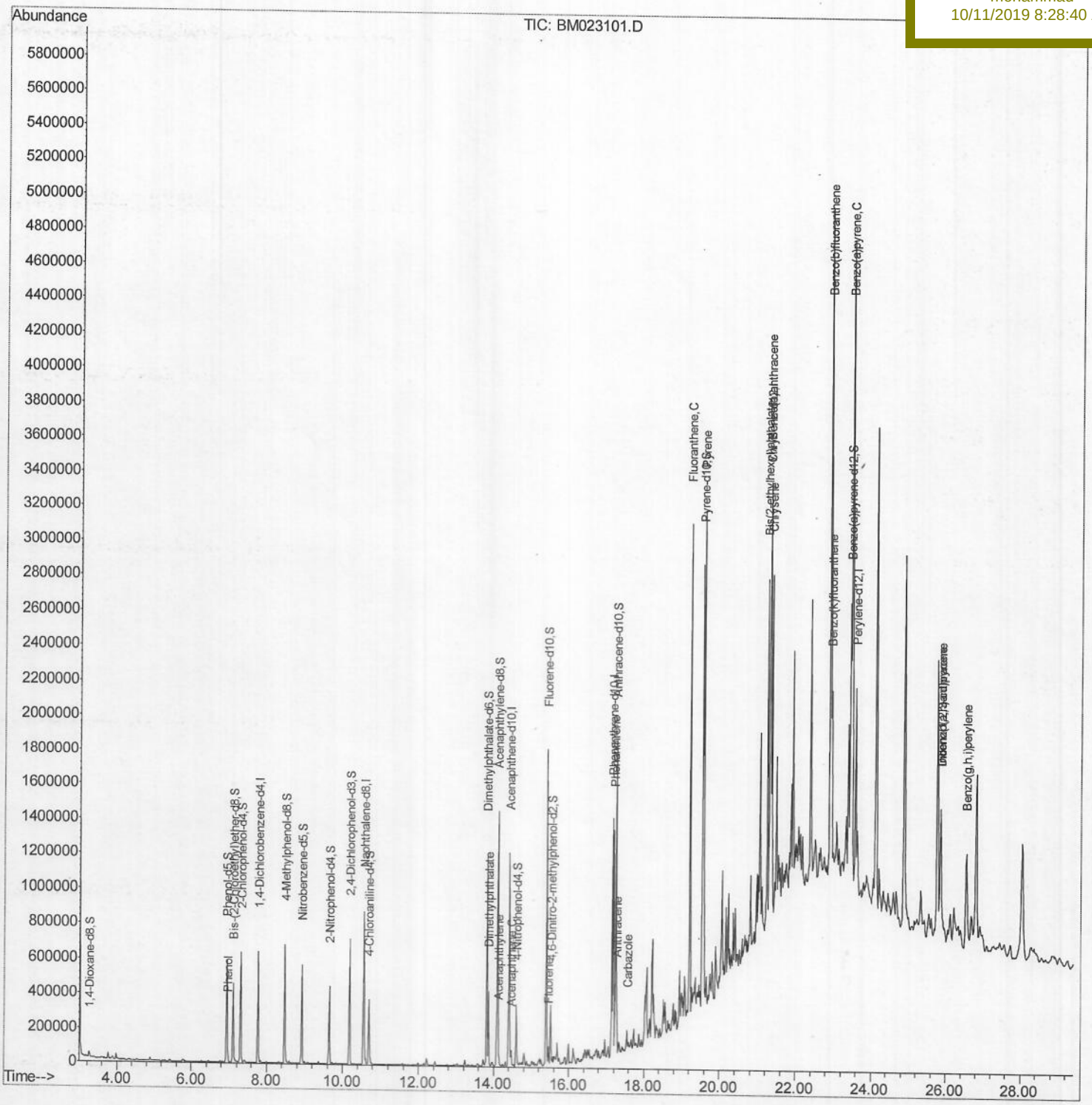
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 04:11:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEP95

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:40 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 04:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

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mohammad
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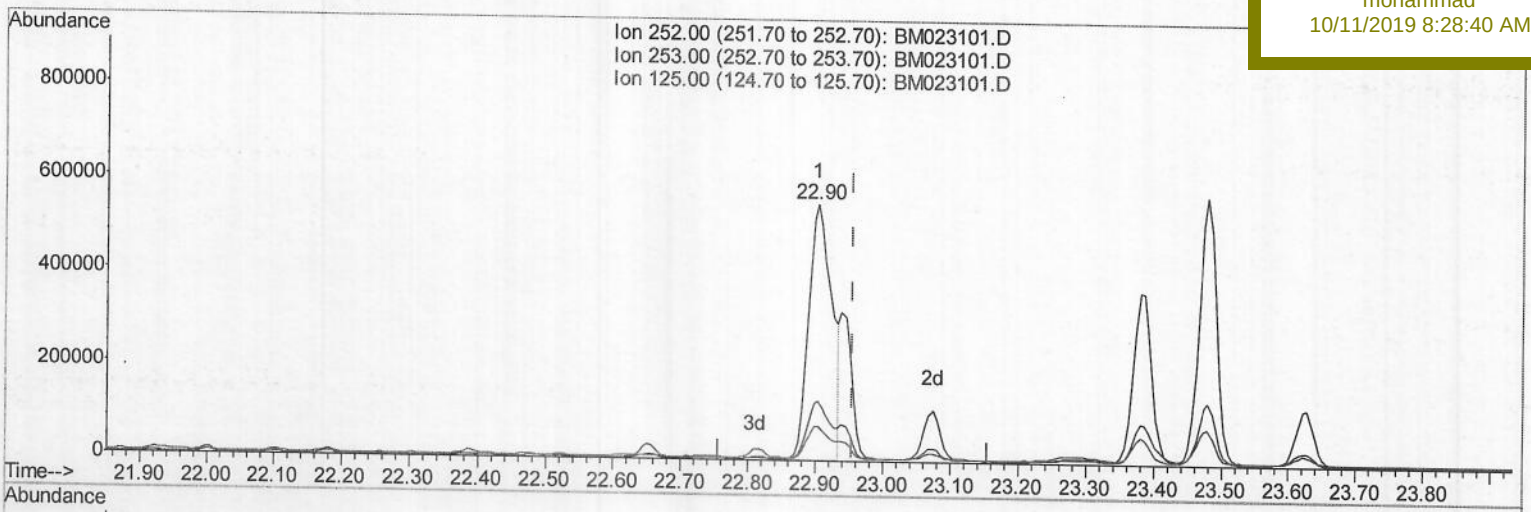

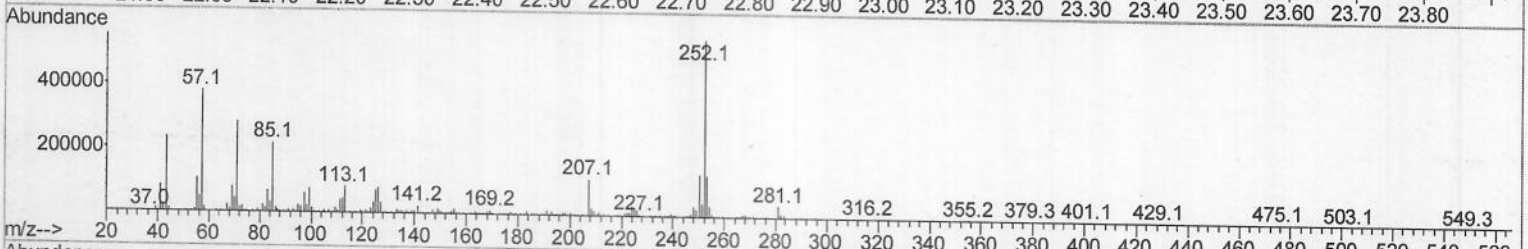

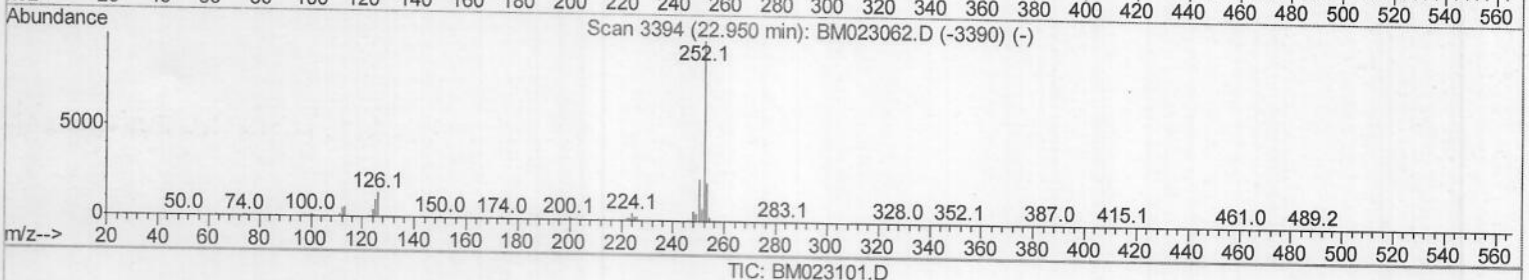

TIC: BM023101.D

(89) Benzo(k)fluoranthene

22.903min (-0.053) 24.66ng/ul

response 1317057

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.02
125.00	9.90	13.30#
0.00	0.00	0.00

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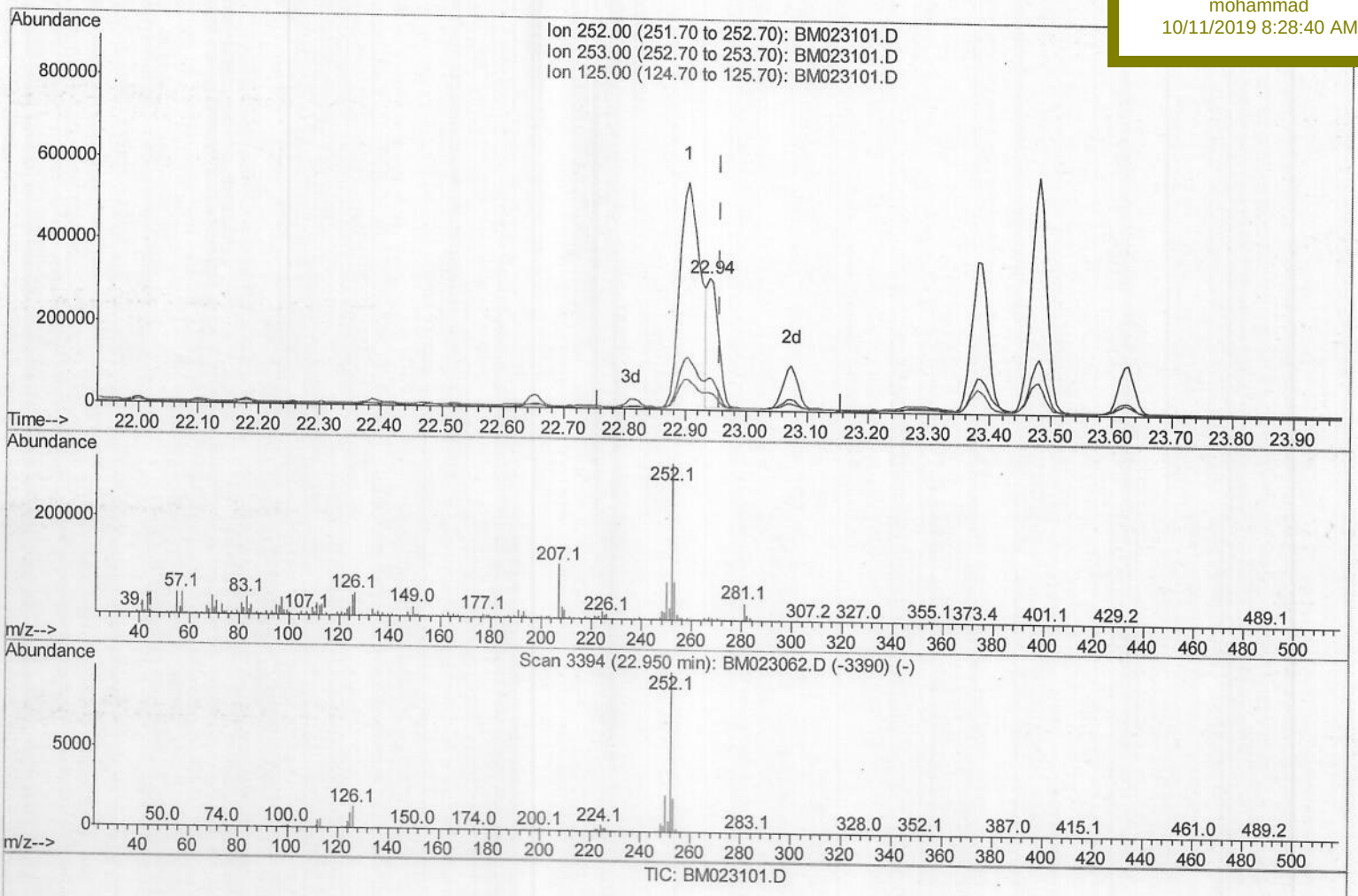
Manual Integrations APPROVED
mohammad
10/11/2019 8:28:40 AM



TIC: BM023101.D

(89) Benzo(k)fluoranthene

22.939min (-0.018) 6.93ng/ul m JU 10/11/19

response 370187

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.17
125.00	9.90	13.39#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
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Instrument : BNA_M
ClientSampleId : BEP95

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	176988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	722964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	398835	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	750411	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	704512	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	841149	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	17321	4.23	ng/uL	0.00
5) Phenol-d5	6.93	99	343171	21.95	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	203453	23.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	298256	23.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	261678	20.44	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	142447	25.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	152225	24.99	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	284043	23.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	227867	15.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	805385	26.02	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	963186	26.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	91087	14.89	ng/ul	-0.01
58) Fluorene-d10	15.40	176	686374	26.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	75188	15.40	ng/ul	0.00
71) Anthracene-d10	17.24	188	983553	26.84	ng/ul	0.00
79) Pyrene-d10	19.54	212	1068893	28.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1204668	27.68	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.96	94	48627	2.966	ng/ul	100
45) Dimethylphthalate	13.86	163	272467	8.569	ng/ul	99
48) Acenaphthylene	14.13	152	58015	1.504	ng/ul	99
50) Acenaphthene	14.47	153	35047	1.304	ng/ul	95
59) Fluorene	15.45	166	41356	1.333	ng/ul	98
70) Phenanthrene	17.19	178	758401	16.934	ng/ul	100
72) Anthracene	17.27	178	184294	4.039	ng/ul	100
75) Carbazole	17.54	167	70024	1.727	ng/ul	99
77) Fluoranthene	19.20	202	1578939	31.347	ng/ul	99
80) Pyrene	19.57	202	1704706	34.134	ng/ul	99
83) Benzo(a)anthracene	21.31	228	1002734	19.824	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	699636	23.974	ng/ul	99
85) Chrysene	21.36	228	1032194	22.134	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	1317057	23.594	ng/ul#	96
89) Benzo(k)fluoranthene	22.94	252	370187m	6.932	ng/ul	
91) Benzo(a)pyrene	23.48	252	1014460	19.371	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.85	276	650386	11.692	ng/ul	96
93) Dibenzo(a,h)anthracene	25.86	278	182509	3.922	ng/ul	92
94) Benzo(g,h,i)perylene	26.54	276	616312	13.733	ng/ul	98

JU 10/11/19

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