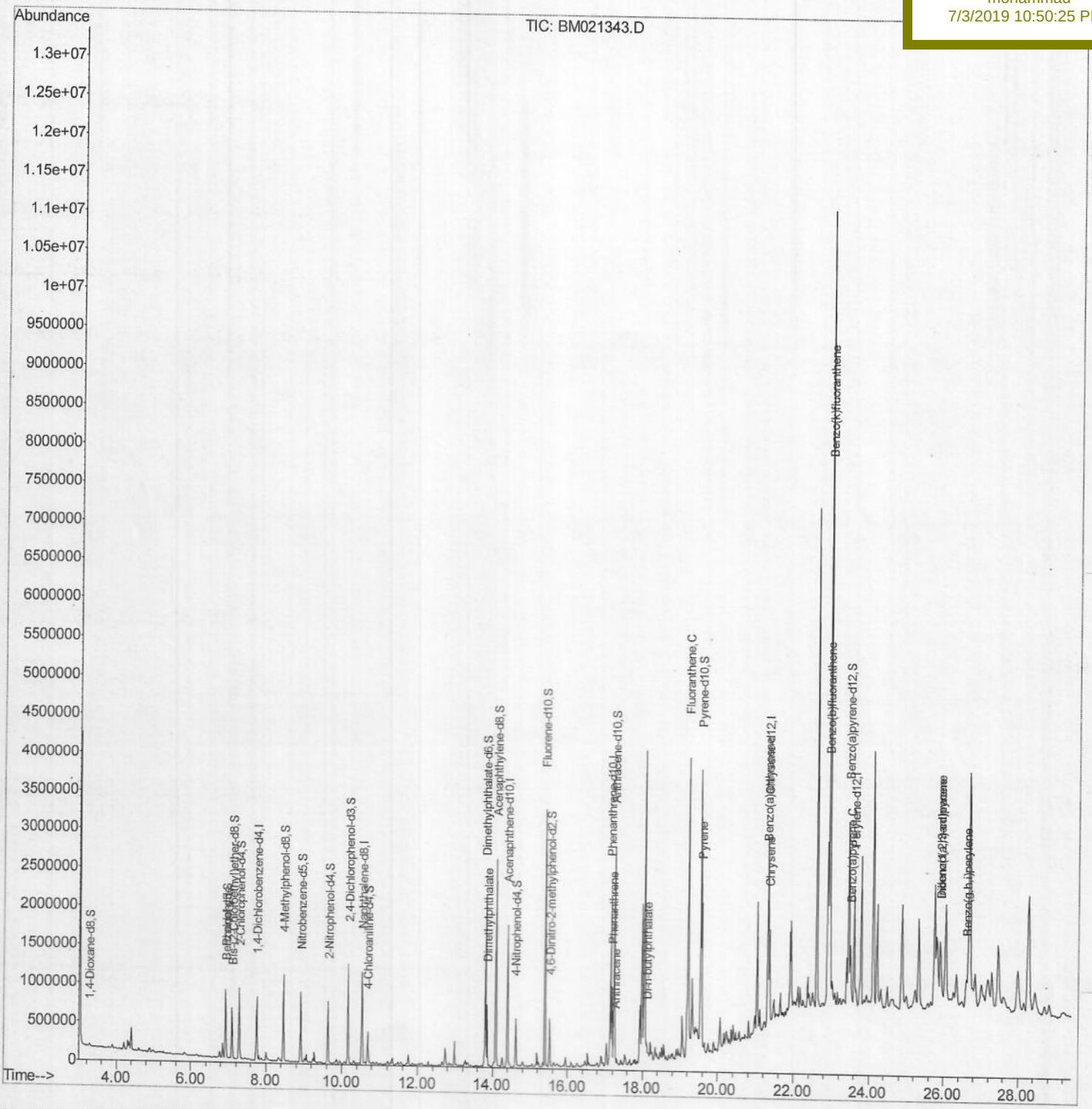
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM070219\
Data File : BM021343.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 02 17:28:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5BD2

Manual Integrations APPROVED
mohammad
7/3/2019 10:50:25 PM



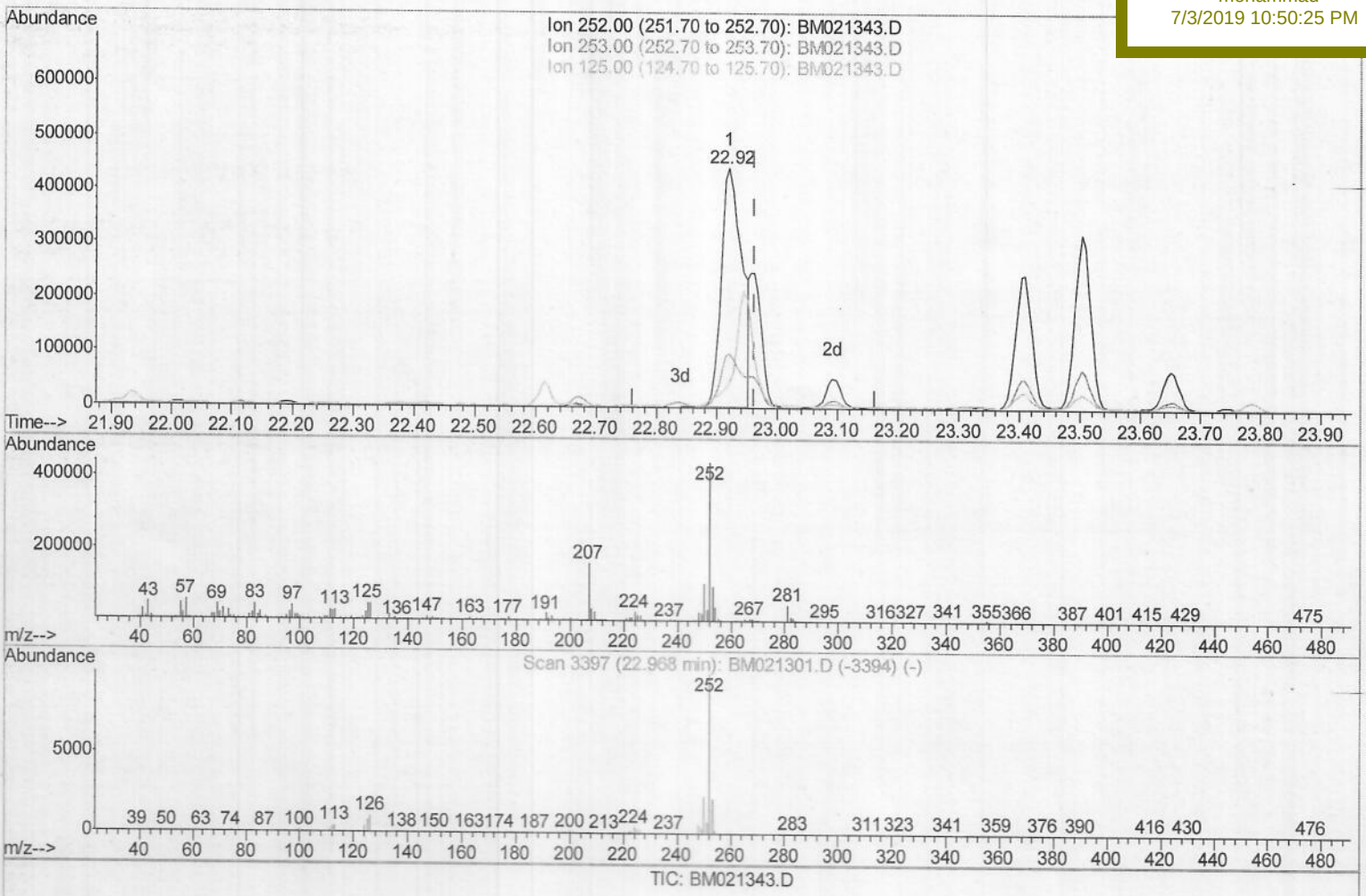
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM070219\
Data File : BM021343.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 02 17:16:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5BD2

Manual Integrations APPROVED
mohammad
7/3/2019 10:50:25 PM



TIC: BM021343.D

(88) Benzo(k)fluoranthene

22.921min (-0.041) 15.80ng/ul

response 1035968

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.09
125.00	8.20	10.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM070219\
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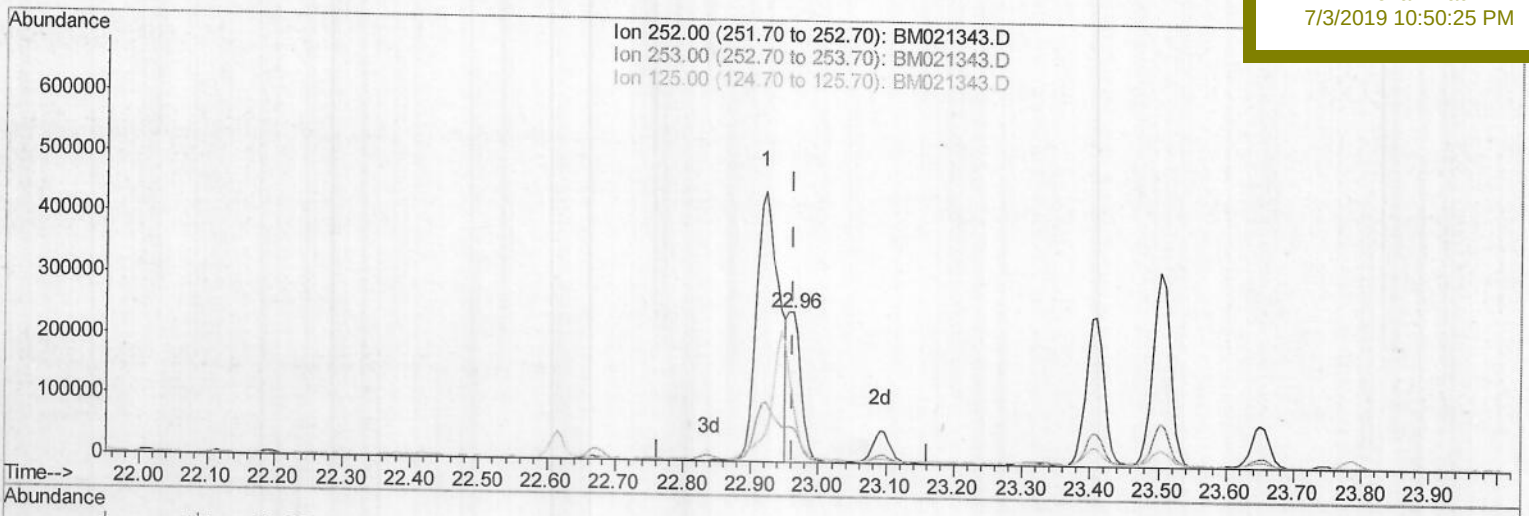
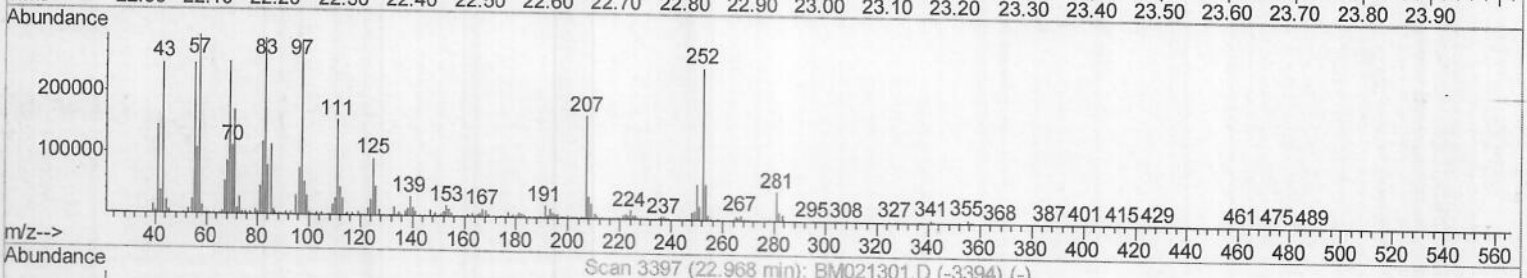
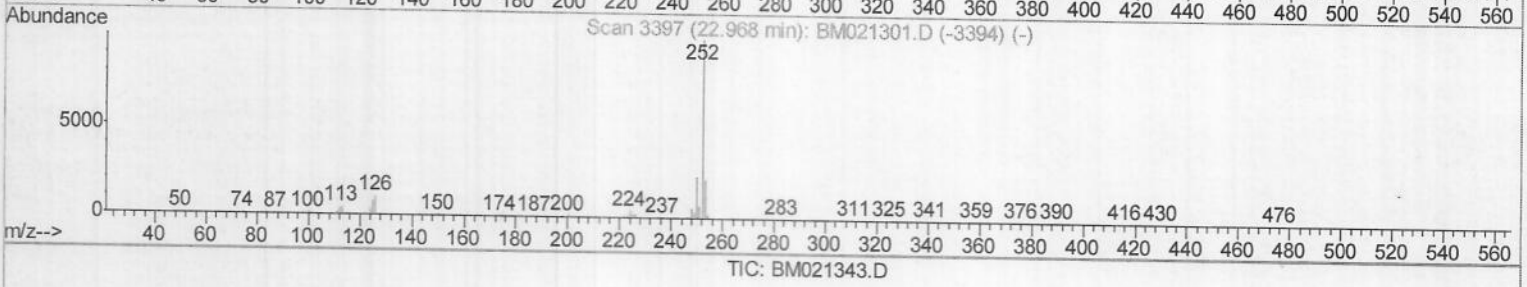
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5BD2

Manual Integrations APPROVED
mohammad
7/3/2019 10:50:25 PM







TIC: BM021343.D

(88) Benzo(k)fluoranthene

22.962min (-0.000) 5.16ng/ul m > JU 07/04/19

response 338420

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.11
125.00	8.20	37.21#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM070219\
Data File : BM021343.D
Acq On : 02 Jul 2019 15:10
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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C5BD2

Manual Integrations APPROVED
mohammad
7/3/2019 10:50:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	228368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	989928	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	603510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1246681	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	899215	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1075600	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	18379	3.82	ng/uL	0.00
5) Phenol-d5	6.92	99	502941	25.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	288907	24.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	419446	25.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	428329	25.81	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	224856	27.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	265066	29.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	516023	28.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	256096	13.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1553903	28.50	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1772131	26.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	177037	19.96	ng/ul	0.00
57) Fluorene-d10	15.39	176	1312789	27.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	134385	17.54	ng/ul	0.00
70) Anthracene-d10	17.24	188	1686563	26.03	ng/ul	0.00
78) Pyrene-d10	19.54	212	1592823	29.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1657284	26.12	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.91	77	11485	1.267	ng/ul	95
44) Dimethylphthalate	13.85	163	501410	10.101	ng/ul	99
69) Phenanthrene	17.19	178	572007	8.296	ng/ul	99
71) Anthracene	17.27	178	77741	1.106	ng/ul	99
75) Di-n-butylphthalate	18.11	149	70757	1.018	ng/ul	97
76) Fluoranthene	19.20	202	1418026	19.034	ng/ul	99
79) Pyrene	19.57	202	1117568	17.580	ng/ul	99
82) Benzo(a)anthracene	21.32	228	530501	8.654	ng/ul	98
84) Chrysene	21.37	228	679003	11.826	ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	1035968	15.205	ng/ul#	98
88) Benzo(k)fluoranthene	22.96	252	338420m	5.163	ng/ul	
90) Benzo(a)pyrene	23.50	252	578379	9.019	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	494768	6.552	ng/ul	96
92) Dibenzo(a,h)anthracene	25.90	278	125524	1.976	ng/ul#	91
93) Benzo(g,h,i)perylene	26.60	276	405074	6.513	ng/ul	98

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

JU 07/04/19