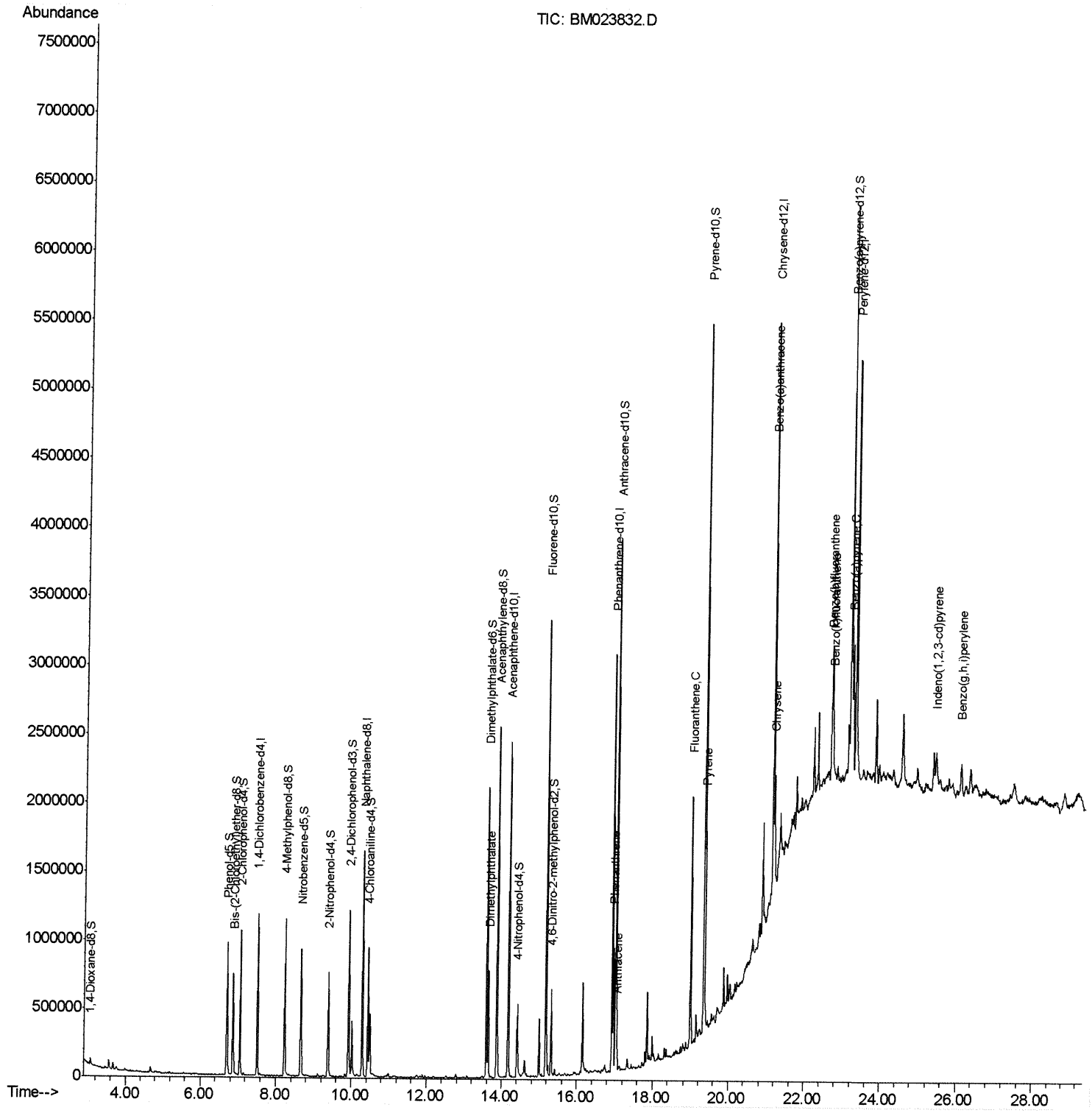
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112119\
Data File : BM023832.D
Acq On : 21 Nov 2019 16:55
Operator : JU
Sample : K5851-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 21 17:51:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AA5

Manual Integrations APPROVED
mohammad
11/22/2019 1:22:39 PM



Quantitation Report (Qedit)

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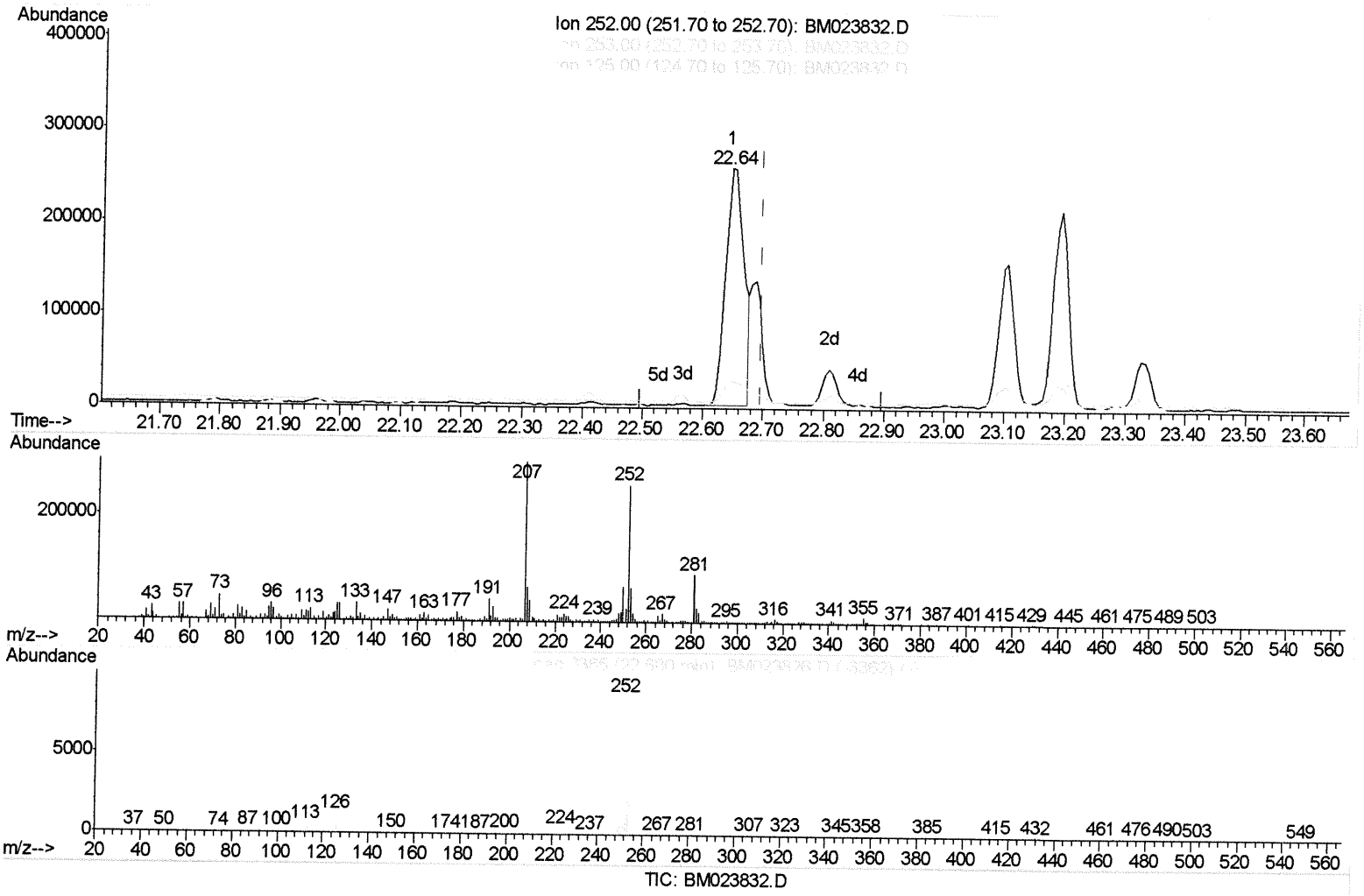

(89) Benzo(k)fluoranthene

22.645min (-0.053) 4.24ng/ul

response 547215

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.64
125.00	7.40	11.91#
0.00	0.00	0.00

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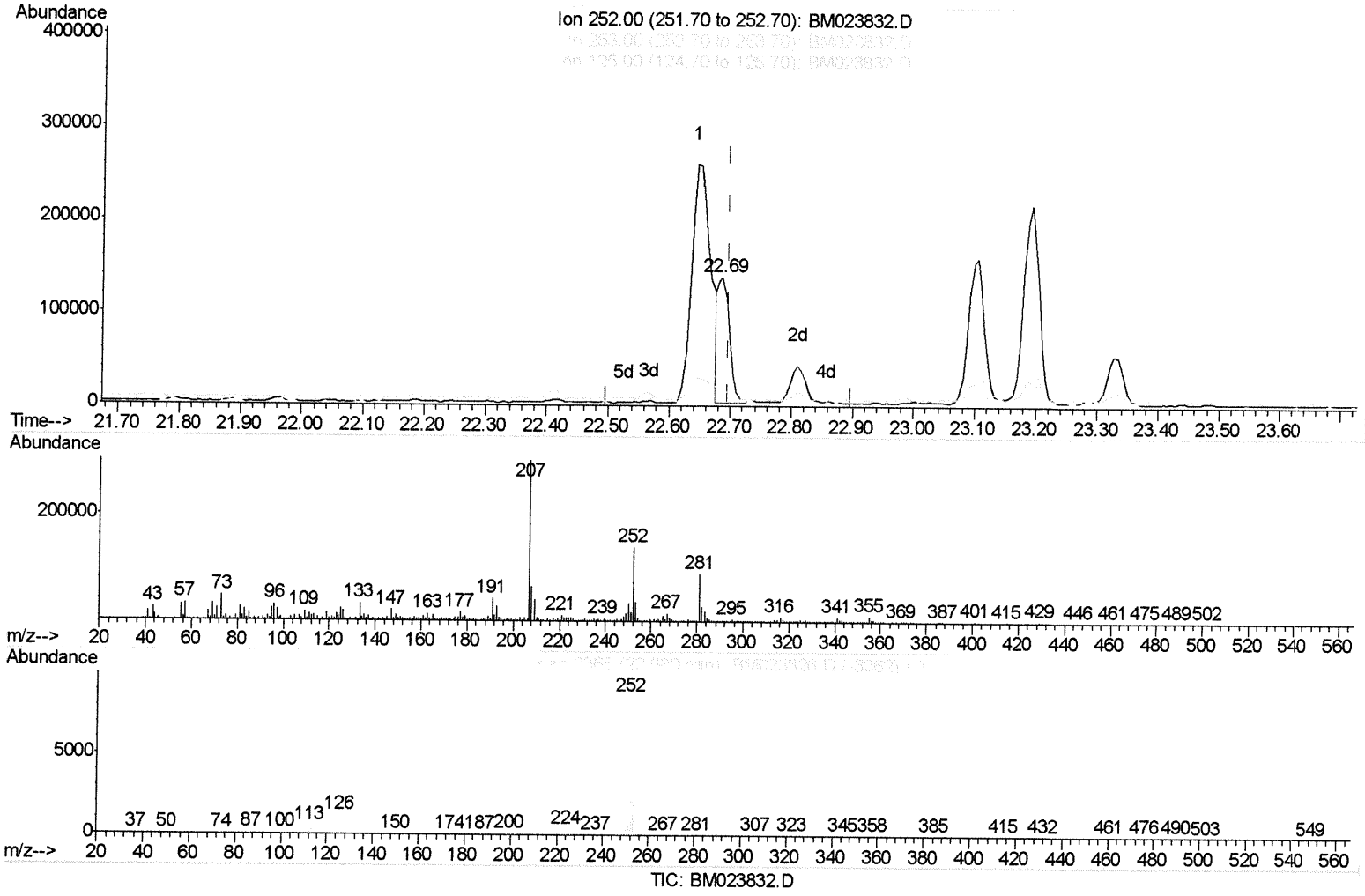
mohammad
11/22/2019 1:22:39 PM



(89) Benzo(k)fluoranthene

22.686min (-0.012) 1.38ng/ul m JU 11/23/19

response 178239

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	25.61
125.00	7.40	15.92#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AA5

Manual Integrations APPROVED
mohammad
11/22/2019 1:22:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	326744	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1335391	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	811439	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1765390	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1714697	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2101737	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	28501	3.60	ng/uL	0.00
5) Phenol-d5	6.70	99	607241	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	347947	20.33	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	489470	22.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	446128	18.78	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	236806	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	260072	25.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	487432	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	542587	21.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1439960	22.76	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1740166	24.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	178238	16.50	ng/ul	0.00
58) Fluorene-d10	15.17	176	1290676	23.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	140551	13.76	ng/ul	0.00
71) Anthracene-d10	17.02	188	2094263	25.01	ng/ul	0.00
79) Pyrene-d10	19.33	212	2405828	26.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2864141	25.90	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.64	163	486815	7.850	ng/ul	100
70) Phenanthrene	16.96	178	515517	5.301	ng/ul	99
72) Anthracene	17.06	178	118967	1.217	ng/ul	99
77) Fluoranthene	18.99	202	1038002	9.963	ng/ul	95
80) Pyrene	19.36	202	814316	7.347	ng/ul	99
83) Benzo(a)anthracene	21.12	228	419520	3.709	ng/ul	96
85) Chrysene	21.17	228	440297	4.135	ng/ul	98
88) Benzo(b)fluoranthene	22.64	252	547215	4.084	ng/ul#	94
89) Benzo(k)fluoranthene	22.69	252	178239m	> 1.381	ng/ul	94 JU 11/25/19
91) Benzo(a)pyrene	23.19	252	375310	3.060	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.42	276	248580	1.895	ng/ul	98
94) Benzo(g,h,i)perylene	26.07	276	238267	2.242	ng/ul	93

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