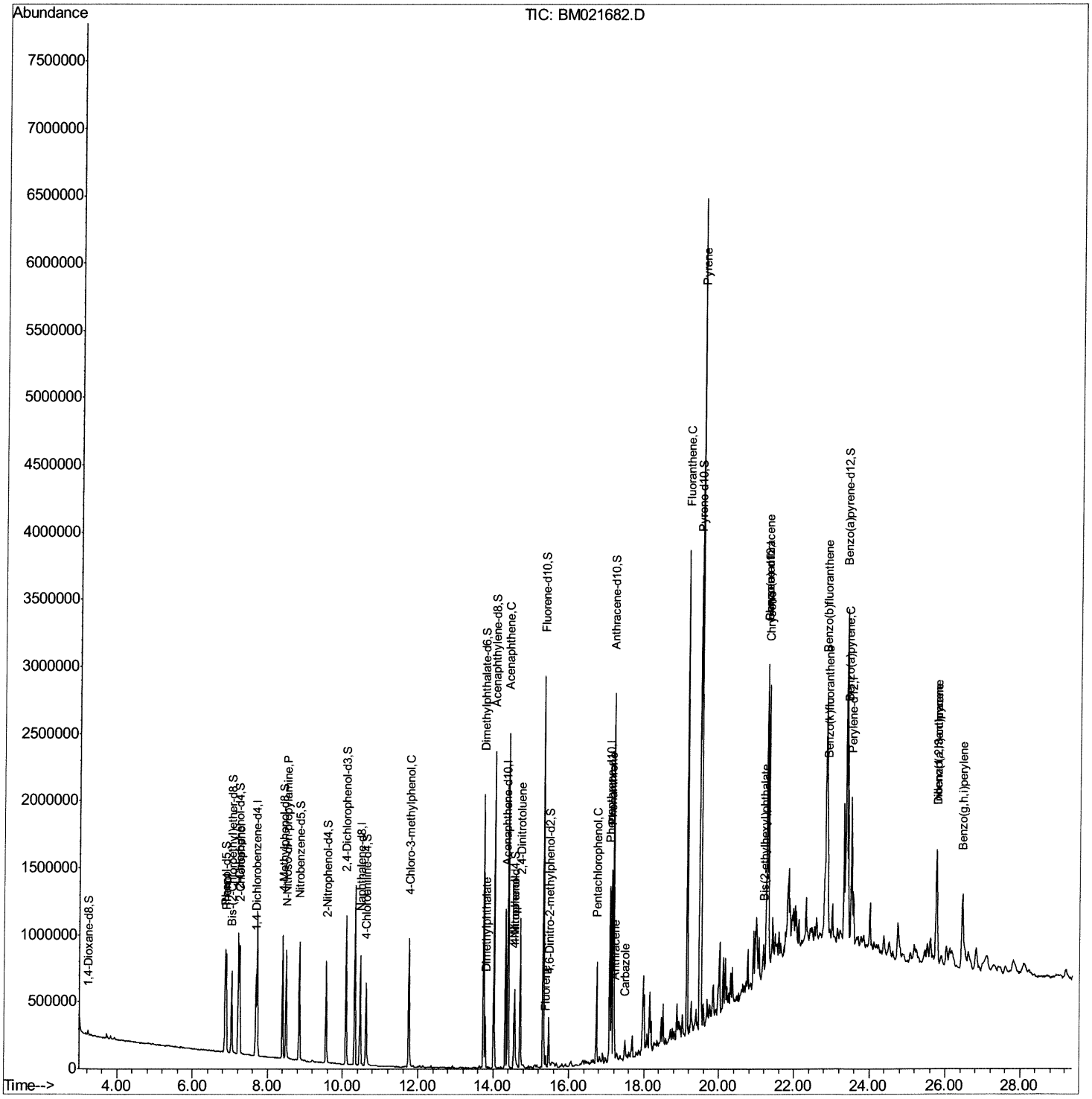
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021682.D
Acq On : 27 Jul 2019 10:42
Operator : HP/JU
Sample : K3893-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 05:02:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEP11MSD

Manual Integrations APPROVED
mohammad
7/29/2019 2:29:36 PM



Quantitation Report (Qedit)

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Data File : BM021682.D
Acq On : 27 Jul 2019 10:42
Operator : HP/JU
Sample : K3893-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 04:47:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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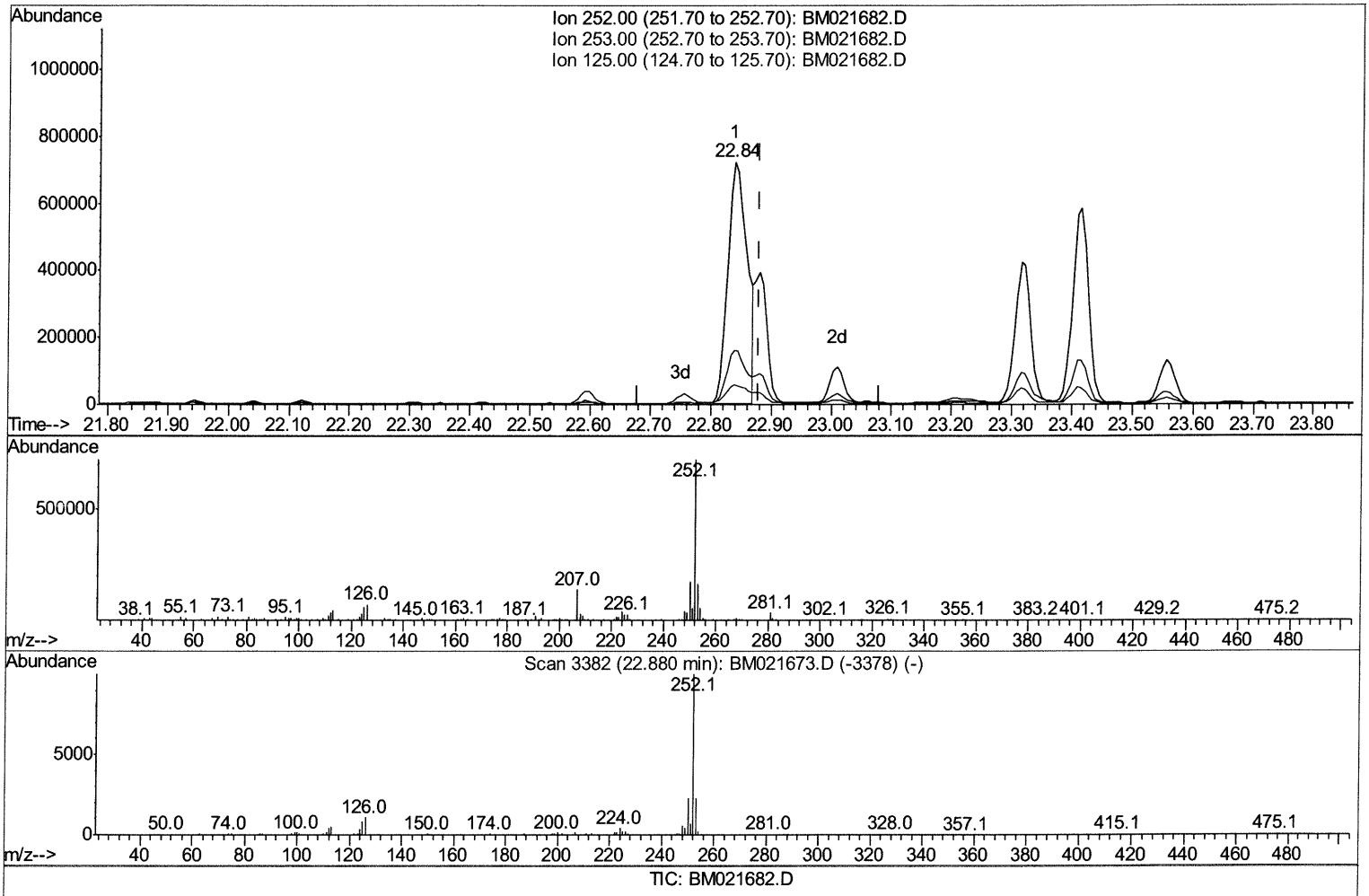

TIC: BM021682.D

(88) Benzo(k)fluoranthene

22.839min (-0.041) 31.61ng/ul

response 1613209

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.40
125.00	7.90	8.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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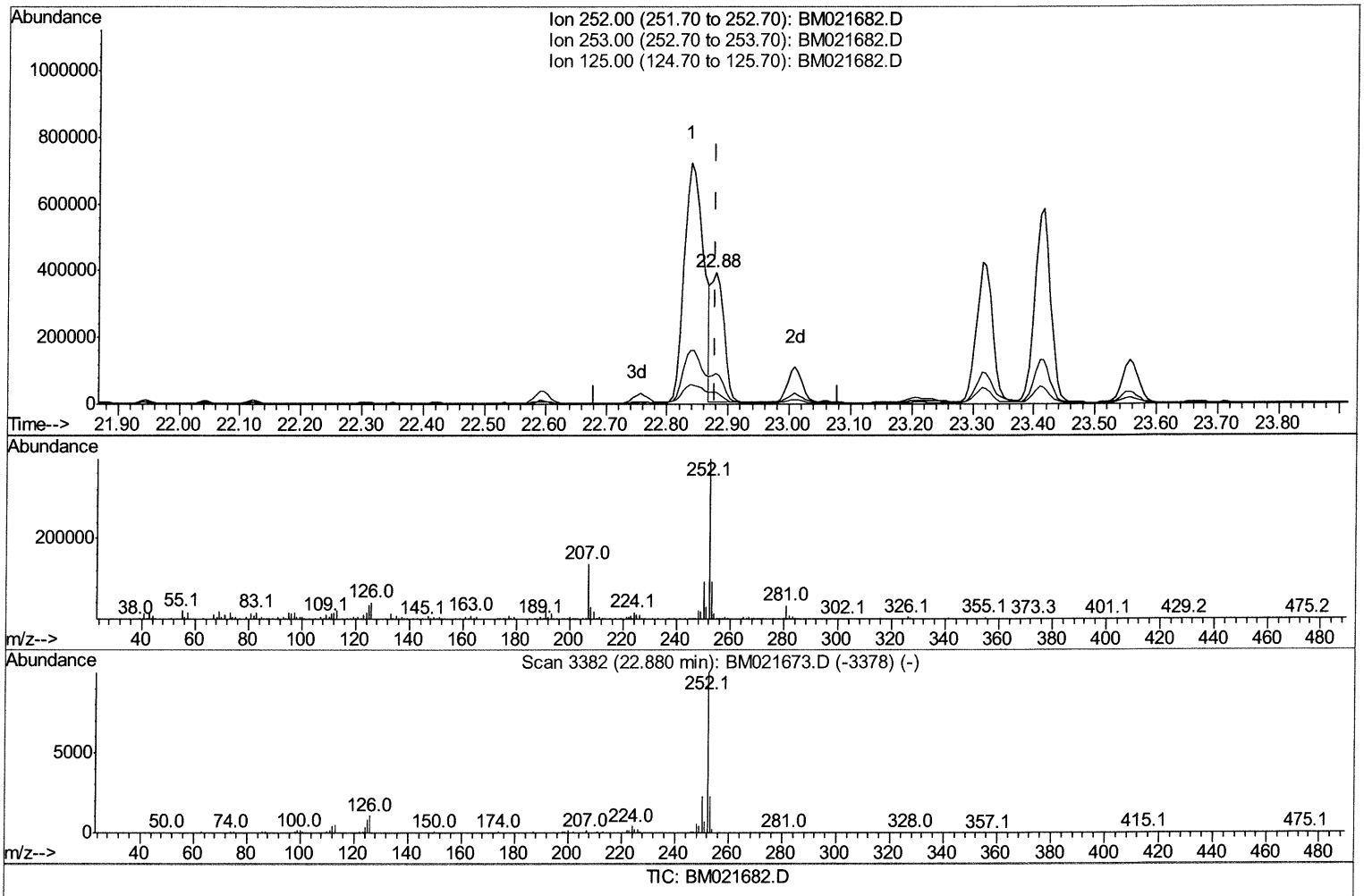

TIC: BM021682.D

(88) Benzo(k)fluoranthene

22.880min (+0.000) 10.58ng/ul m JU 07/29/19

response 540133

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.43
125.00	7.90	8.81
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	165394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	674534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	397386	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	735598	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	643827	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	767268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	21081	6.13	ng/uL	0.00
5) Phenol-d5	6.86	99	428755	34.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	276707	38.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	389675	37.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	339092	32.48	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	205467	40.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	234608	42.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	439103	36.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	358210	31.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1332424	43.44	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1532582	42.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	89932	19.32	ng/ul	0.00
57) Fluorene-d10	15.33	176	1117103	41.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	78019	17.06	ng/ul	0.00
70) Anthracene-d10	17.18	188	1549303	41.86	ng/ul	0.00
78) Pyrene-d10	19.48	212	1518787	42.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1677884	41.33	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	381649	28.744	ng/ul	97
10) 2-Chlorophenol	7.25	128	346078	31.253	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.49	70	293205	34.415	ng/ul	98
33) 4-Chloro-3-methylphenol	11.76	107	368305	31.059	ng/ul	99
44) Dimethylphthalate	13.79	163	232302	7.297	ng/ul	99
49) Acenaphthene	14.39	153	980857	36.019	ng/ul	100
52) 4-Nitrophenol	14.57	109	79538	18.866	ng/ul	94
54) 2,4-Dinitrotoluene	14.72	165	299276	36.085	ng/ul	86
58) Fluorene	15.38	166	38240	1.195	ng/ul	97
68) Pentachlorophenol	16.73	266	143265	21.310	ng/ul	98
69) Phenanthrene	17.12	178	823029	18.577	ng/ul	100
71) Anthracene	17.21	178	156387	3.446	ng/ul	99
74) Carbazole	17.49	167	83644	2.226	ng/ul	98
76) Fluoranthene	19.14	202	2146696	41.535	ng/ul	100
79) Pyrene	19.51	202	3694910	76.914	ng/ul	99
82) Benzo(a)anthracene	21.26	228	1035813	22.093	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.18	149	70894	3.323	ng/ul#	96
84) Chrysene	21.31	228	1151134	26.043	ng/ul	98
87) Benzo(b)fluoranthene	22.84	252	1613209	30.901	ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	540133m	> 10.583	ng/ul	99
90) Benzo(a)pyrene	23.42	252	1052918	21.542	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.75	276	820977	14.484	ng/ul	98
92) Dibenzo(a,h)anthracene	25.76	278	207142	4.395	ng/ul#	88

JU 07/29/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.44	276	709113	15.046	ng/ul	100

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