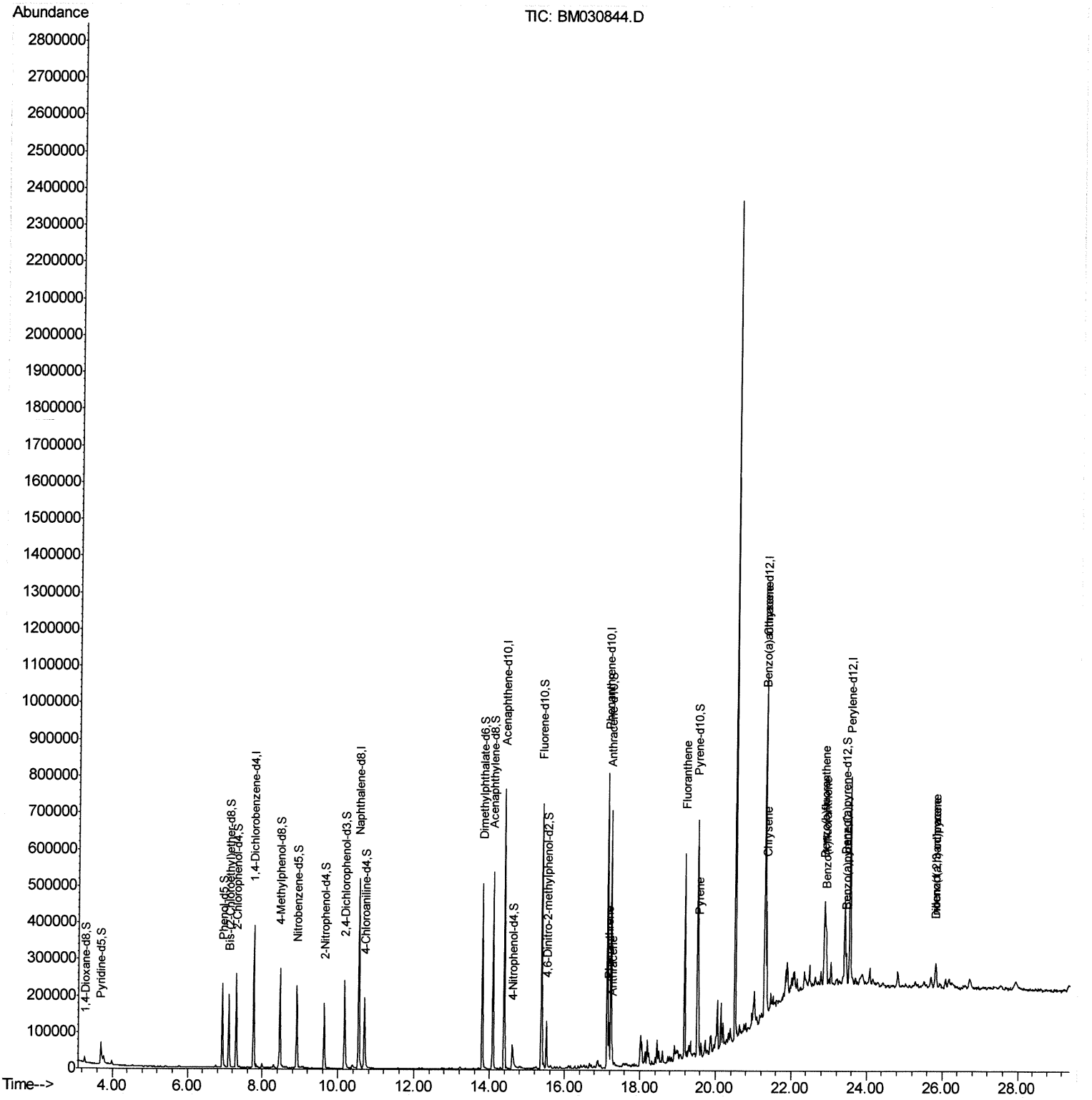
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030844.D
Acq On : 07 Jul 2021 06:40
Operator : CG/JU
Sample : M2854-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 07 07:22:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 07 04:59:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDT6

Manual Integrations APPROVED
mohammad
7/7/2021 6:13:07 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030844.D
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Quant Time: Jul 07 07:19:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 07 04:59:15 2021
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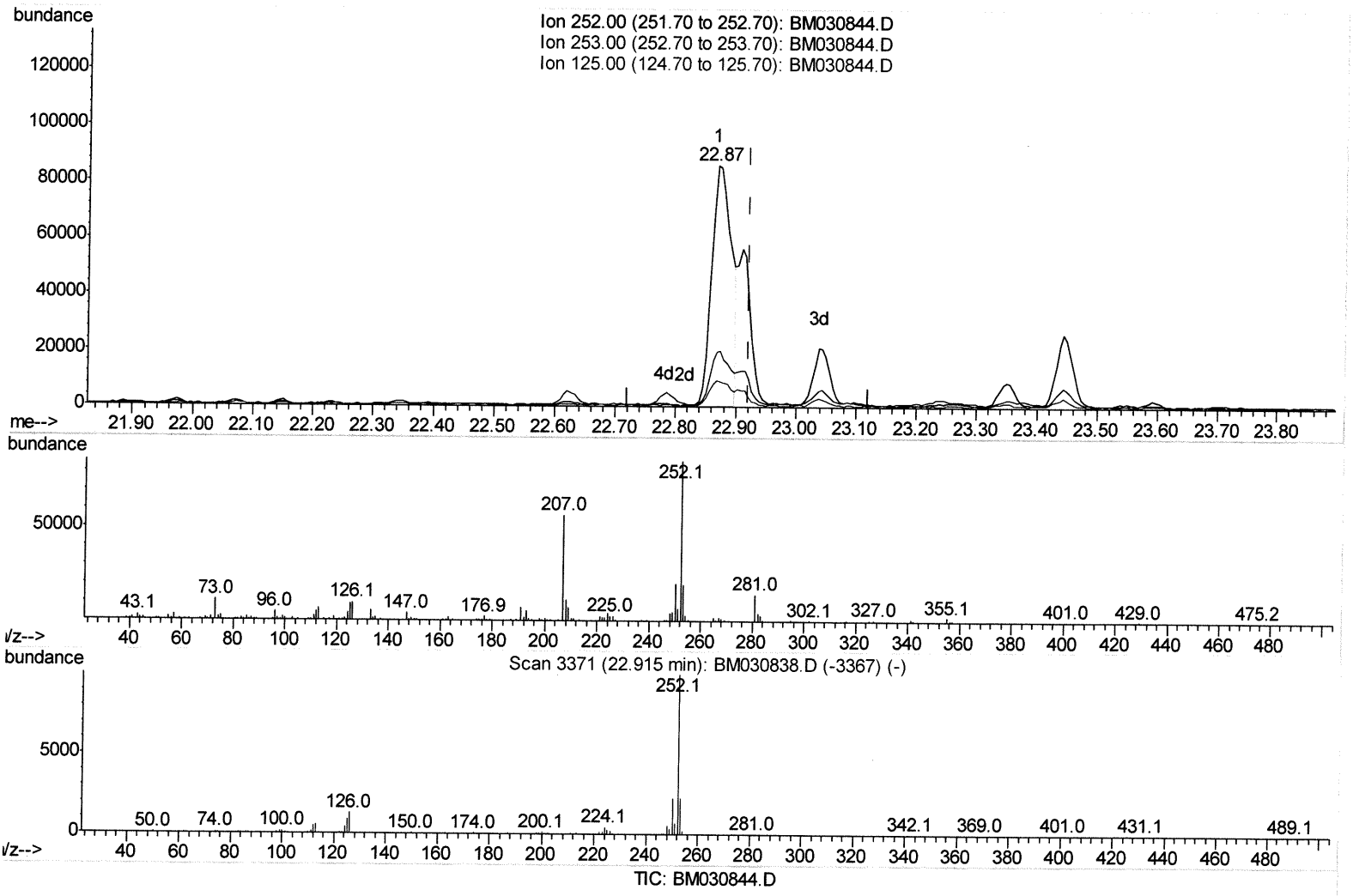
Instrument :
BNA_M
ClientSampleId :
BGDT6

Manual Integrations APPROVED
mohammad
7/7/2021 6:13:07 PM



TIC: BM030844.D

(91) Benzo(k)fluoranthene

22.868min (-0.053) 8.12ng/ul

response 194134

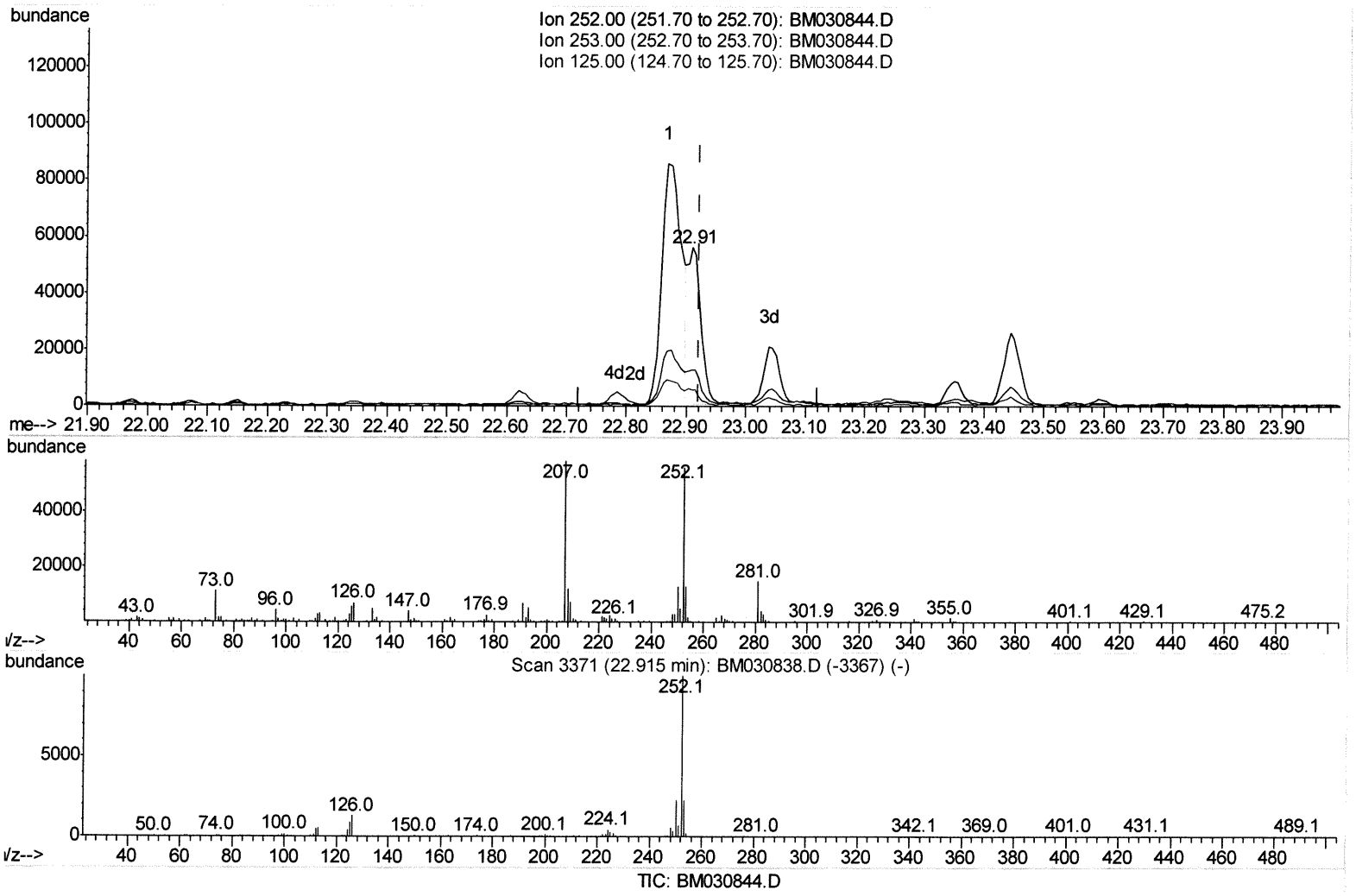
Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.93
125.00	9.20	10.75
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030844.D
Acq On : 07 Jul 2021 06:40
Operator : CG/JU
Sample : M2854-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 07 07:19:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 07 04:59:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDT6

Manual Integrations APPROVED
mohammad
7/7/2021 6:13:07 PM



TIC: BM030844.D

(91) Benzo(k)fluoranthene

22.909min (-0.012) 3.48ng/ul m JU 7/8/21

response 83218

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.18
125.00	9.20	10.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030844.D
Acq On : 07 Jul 2021 06:40
Operator : CG/JU
Sample : M2854-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT6

Manual Integrations APPROVED
mohammad
7/7/2021 6:13:07 PM

Quant Time: Jul 07 07:22:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 07 04:59:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	100669	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	410073	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	249977	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	466395	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	366227	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	381668	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	8206	3.19	ng/uL	0.00
4) Pyridine-d5	3.69	84	49877	7.40	ng/ul	0.02
7) Phenol-d5	6.93	99	126278	14.36	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	92740	16.37	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	110556	16.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	99998	14.19	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	51316	16.83	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	53962	16.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	96009	14.95	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	113664	12.46	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	336327	19.22	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	376487	17.03	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	27224	8.94	ng/ul	0.01
60) Fluorene-d10	15.39	176	280216	18.18	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	30258	10.12	ng/ul	0.00
73) Anthracene-d10	17.23	188	393288	18.10	ng/ul	0.00
81) Pyrene-d10	19.52	212	277280	13.73	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	157564	8.00	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.17	178	69735	2.802	ng/ul	100
74) Anthracene	17.26	178	35528	1.389	ng/ul	100
80) Fluoranthene	19.19	202	314063	12.610	ng/ul	98
82) Pyrene	19.54	202	155285	6.016	ng/ul	98
85) Benzo(a)anthracene	21.29	228	196773	8.594	ng/ul	96
87) Chrysene	21.34	228	162460	7.211	ng/ul	97
90) Benzo(b)fluoranthene	22.87	252	194134	7.896	ng/ul	97
91) Benzo(k)fluoranthene	22.91	252	83218m	3.482	ng/ul	89
93) Benzo(a)pyrene	23.44	252	48909	2.248	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	25.81	276	45792	1.692	ng/ul	98
95) Dibenzo(a,h)anthracene	25.81	278	24279	1.070	ng/ul#	90

7/8/21

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