

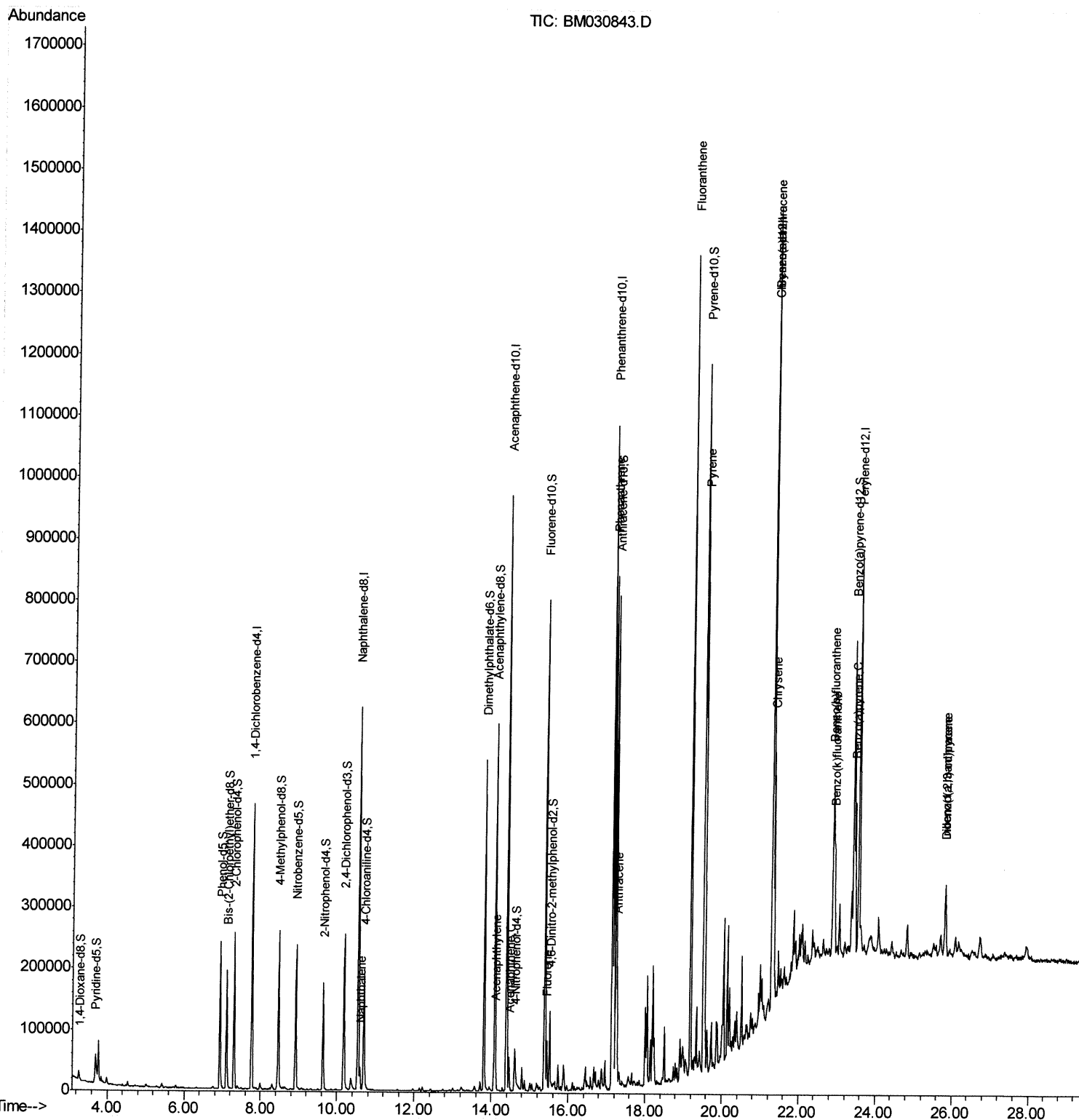
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030843.D
Acq On : 07 Jul 2021 06:04
Operator : CG/JU
Sample : M2854-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BGDS3

Manual Integrations
APPROVED

mohammad
7/7/2021 6:13:02 PM

Quant Time: Jul 07 06:49:40 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



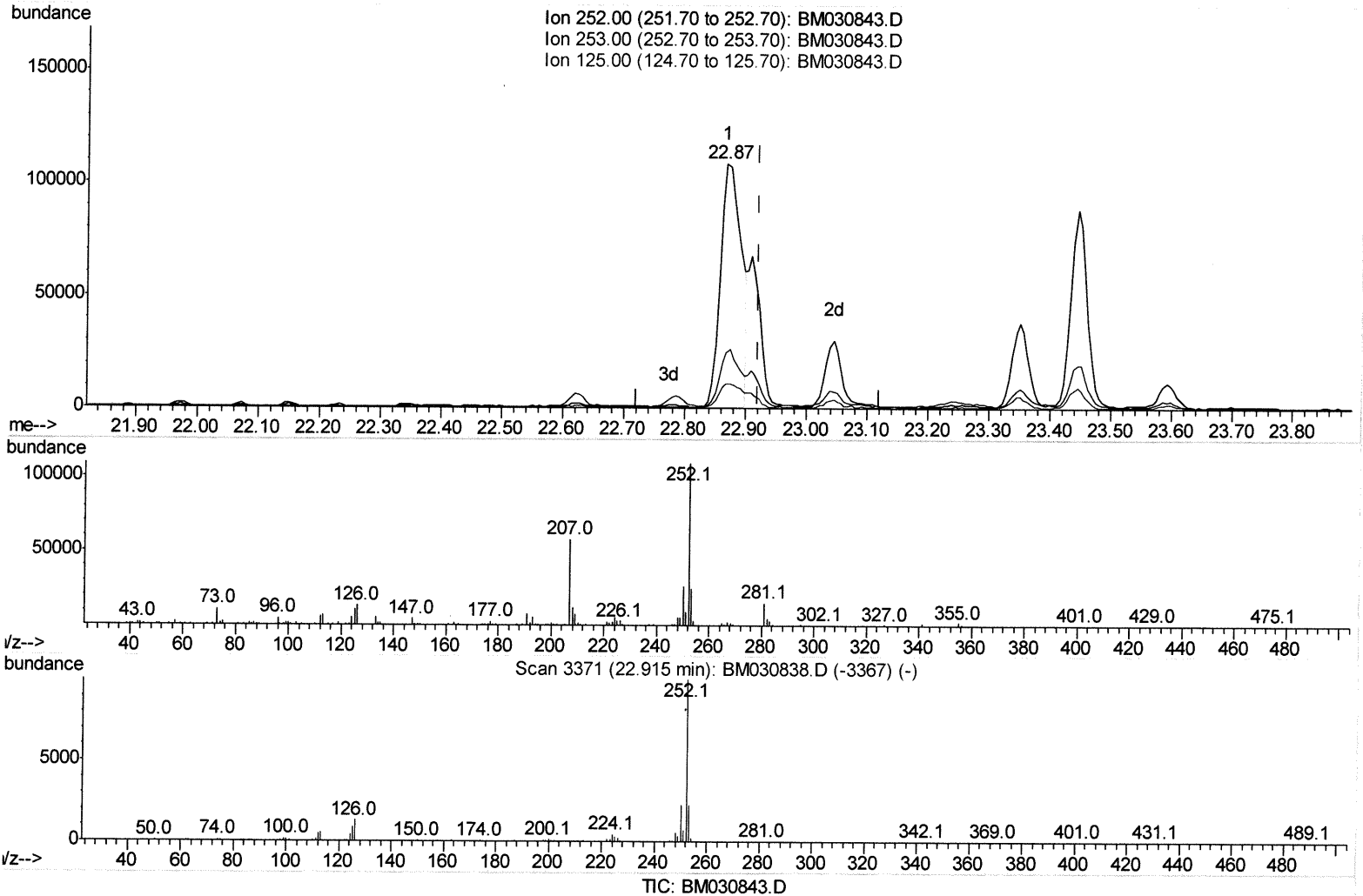
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030843.D
 Acq On : 07 Jul 2021 06:04
 Operator : CG/JU
 Sample : M2854-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS3

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:13:02 PM

Quant Time: Jul 07 06:48:51 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



(91) Benzo(k)fluoranthene
 22.868min (-0.053) 8.81ng/ul
 response 249972

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.65
125.00	9.20	10.04
0.00	0.00	0.00

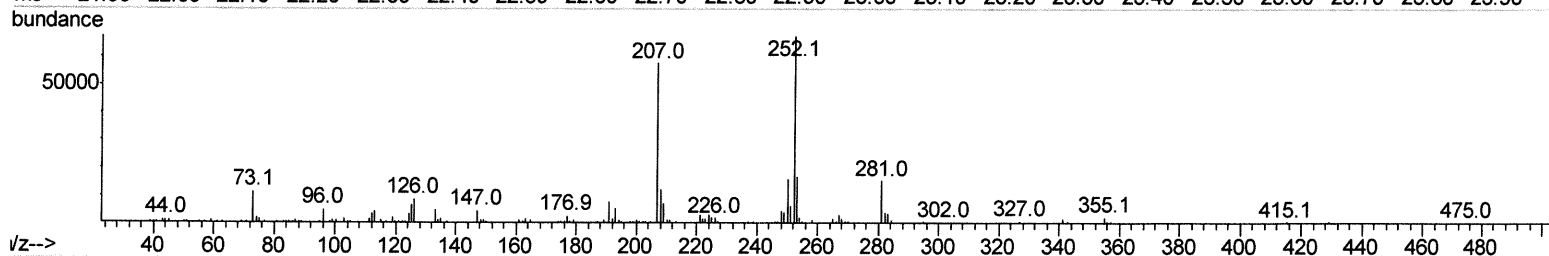
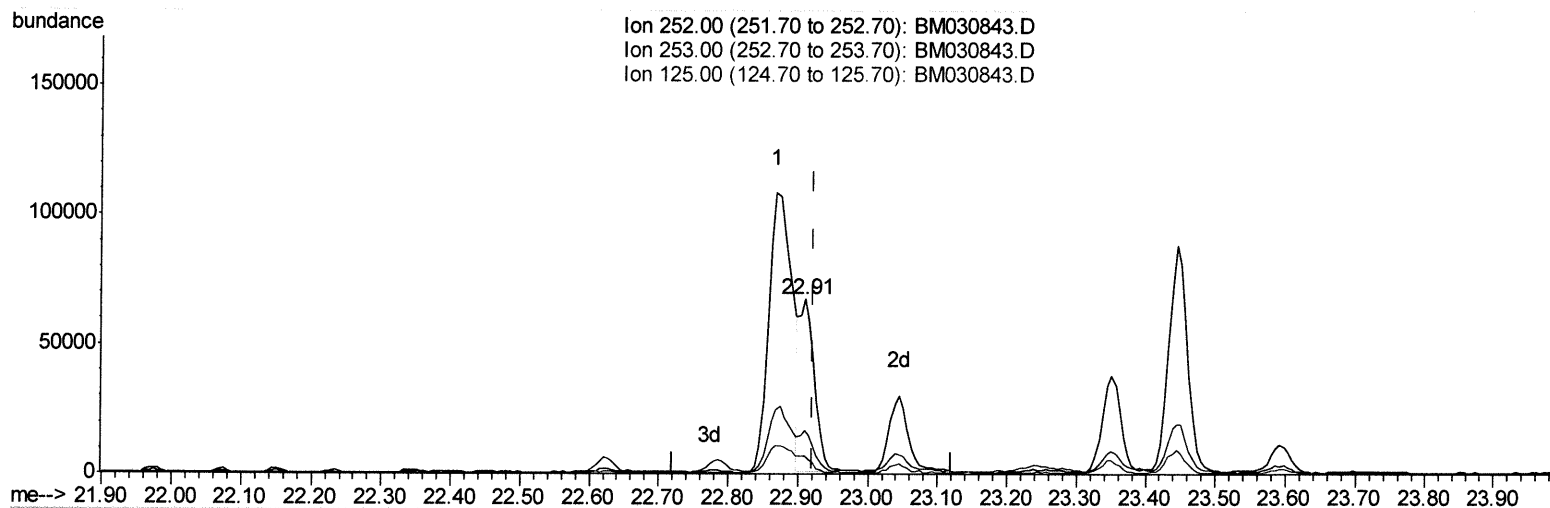
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030843.D
 Acq On : 07 Jul 2021 06:04
 Operator : CG/JU
 Sample : M2854-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS3

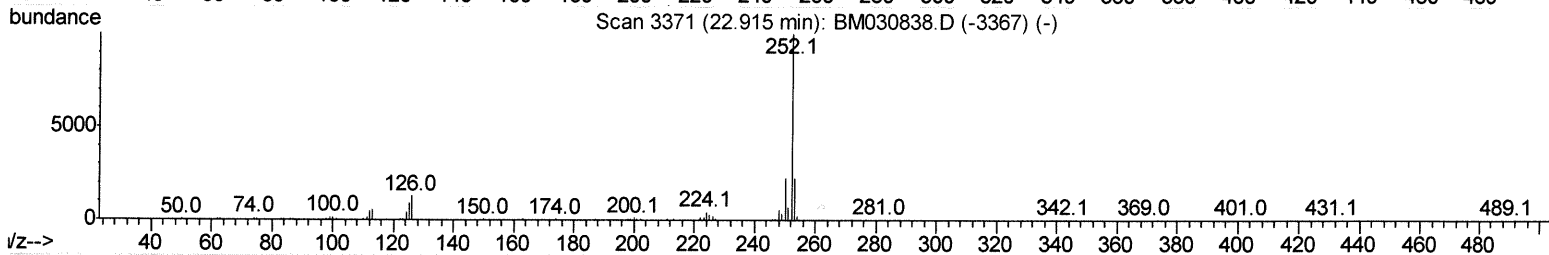
Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:13:02 PM

Quant Time: Jul 07 06:48:51 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



Scan 3371 (22.915 min): BM030838.D (-3367) (-)



TIC: BM030843.D

(91) Benzo(k)fluoranthene

22.909min (-0.012) 3.48ng/ul m

response 98868

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.69
125.00	9.20	10.06
0.00	0.00	0.00

Ju 7/8/21

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030843.D
 Acq On : 07 Jul 2021 06:04
 Operator : CG/JU
 Sample : M2854-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS3

Manual Integrations
APPROVED

mohammad
7/7/2021 6:13:02 PM

Quant Time: Jul 07 06:49:40 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	117531	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	492792	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	313592	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	622093	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	475231	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	453409	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	7049	2.34	ng/uL	0.00
4) Pvrindine-d5	3.69	84	38467	4.89	ng/ul	0.02
7) Phenol-d5	6.93	99	130385	12.70	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	93054	14.07	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	111272	14.12	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	94053	11.43	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	52613	14.35	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	53248	13.28	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	103504	13.41	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	119868	10.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	351450	16.01	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	418469	15.09	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	27155	7.11	ng/ul	0.00
60) Fluorene-d10	15.39	176	303210	15.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	29567	7.41	ng/ul	0.00
73) Anthracene-d10	17.23	188	457611	15.79	ng/ul	0.00
81) Pyrene-d10	19.52	212	482339	18.40	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	355985	15.21	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Naphthalene	10.60	128	28525	1.151	ng/ul	98
50) Acenaphthylene	14.12	152	34894	1.347	ng/ul	97
52) Acenaphthene	14.46	153	21468	1.136	ng/ul	98
61) Fluorene	15.44	166	28650	1.307	ng/ul#	97
72) Phenanthrene	17.17	178	469399	14.141	ng/ul	99
74) Anthracene	17.26	178	120890	3.545	ng/ul	99
80) Fluoranthene	19.19	202	756306	23.402	ng/ul	99
82) Pvrene	19.55	202	532060	15.885	ng/ul	99
85) Benzo(a)anthracene	21.29	228	303766	10.223	ng/ul	96
87) Chrysene	21.34	228	219513	7.509	ng/ul	99
90) Benzo(b)fluoranthene	22.87	252	249972	8.559	ng/ul	98
91) Benzo(k)fluoranthene	22.91	252	98868m>	3.483	ng/ul>	98
93) Benzo(a)pyrene	23.44	252	162377	6.282	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.81	276	100836	3.137	ng/ul	97
95) Dibenzo(a,h)anthracene	25.81	278	30585	1.135	ng/ul#	91

Jul 7/21

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