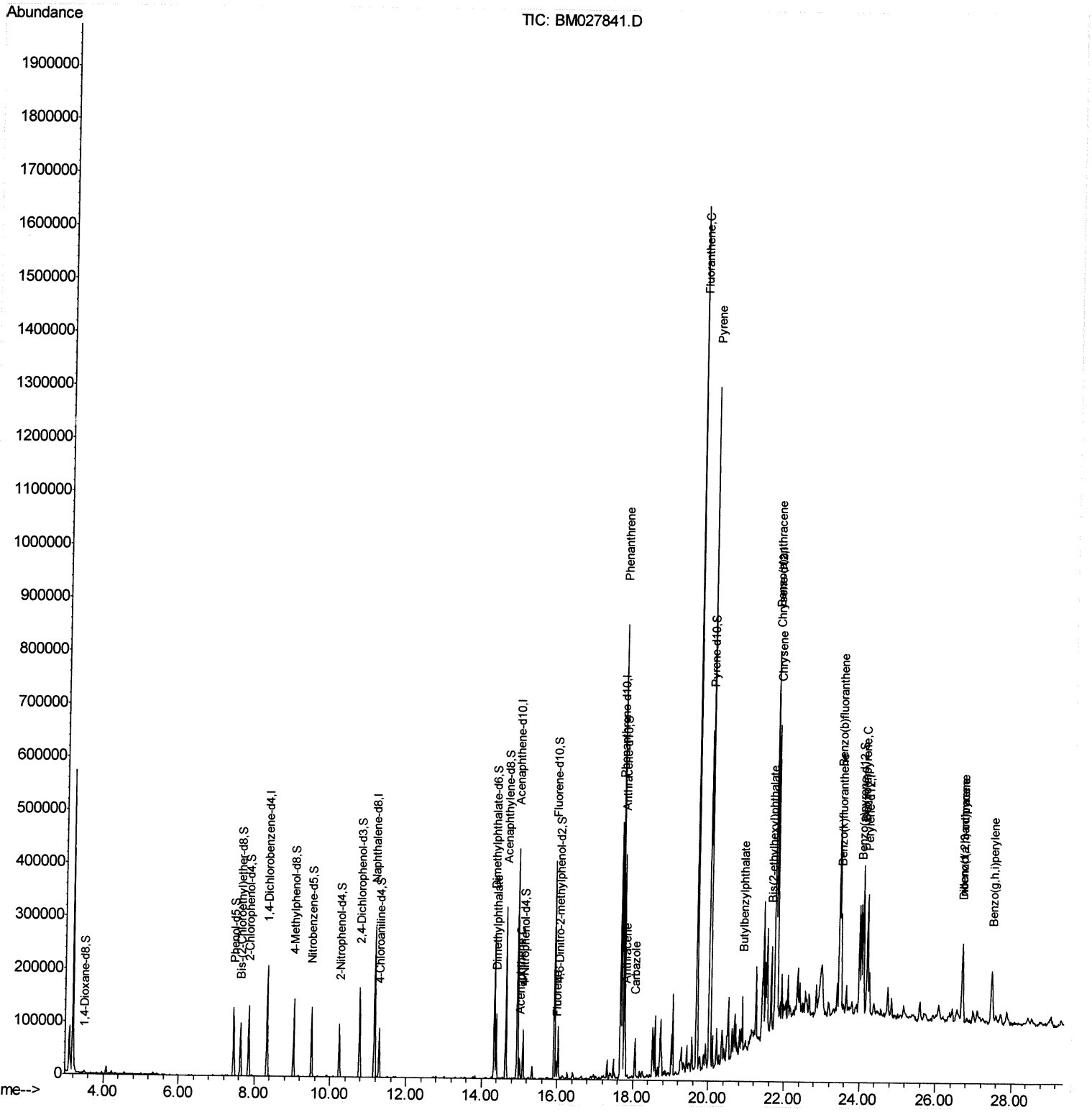
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 13:48:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:03:10 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/20/2020 11:32:00 AM

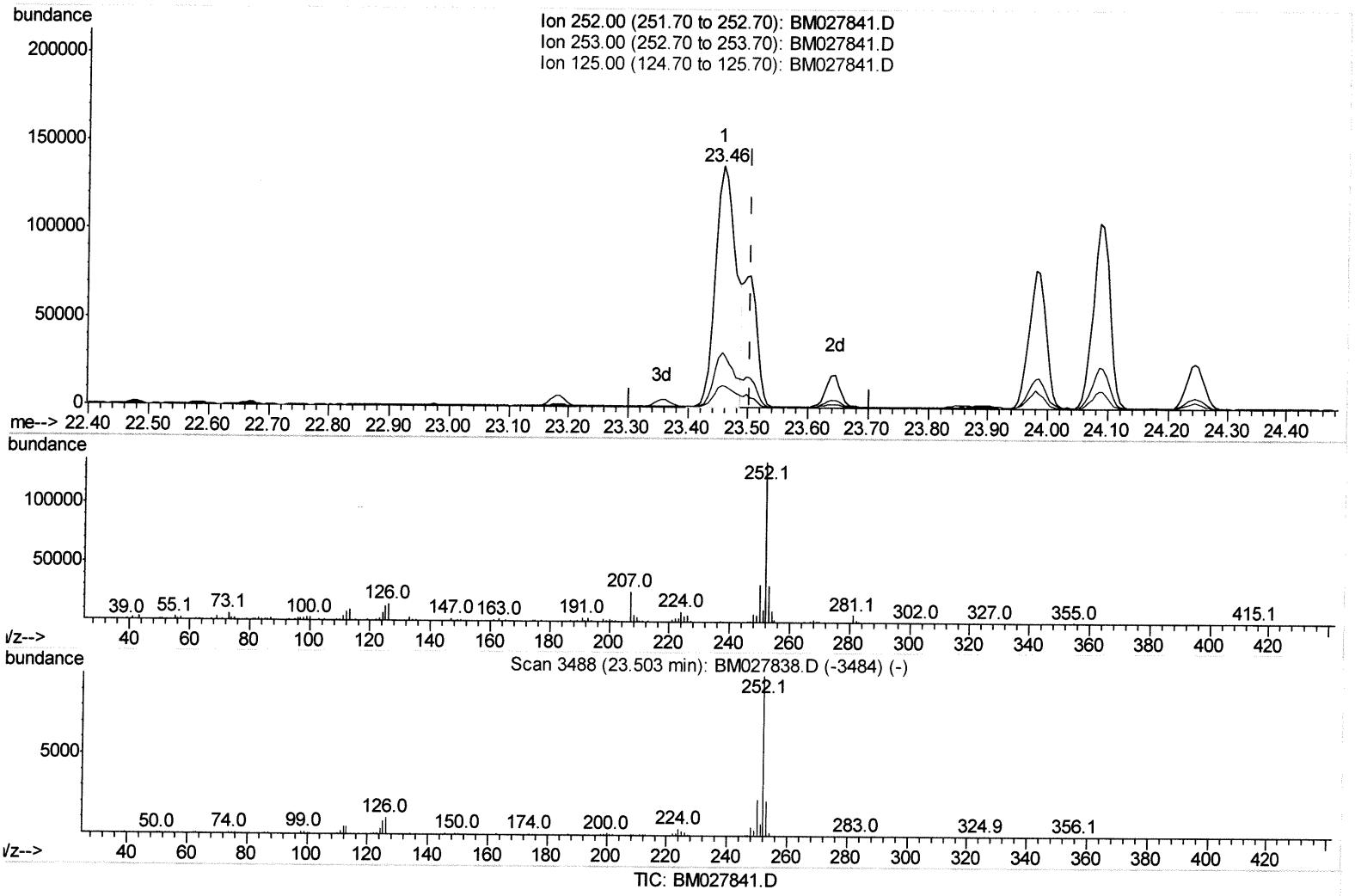


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 13:46:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:03:10 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/20/2020 11:32:00 AM



(89) Benzo(k)fluoranthene

23.456min (-0.047) 29.95ng/ul

response 318870

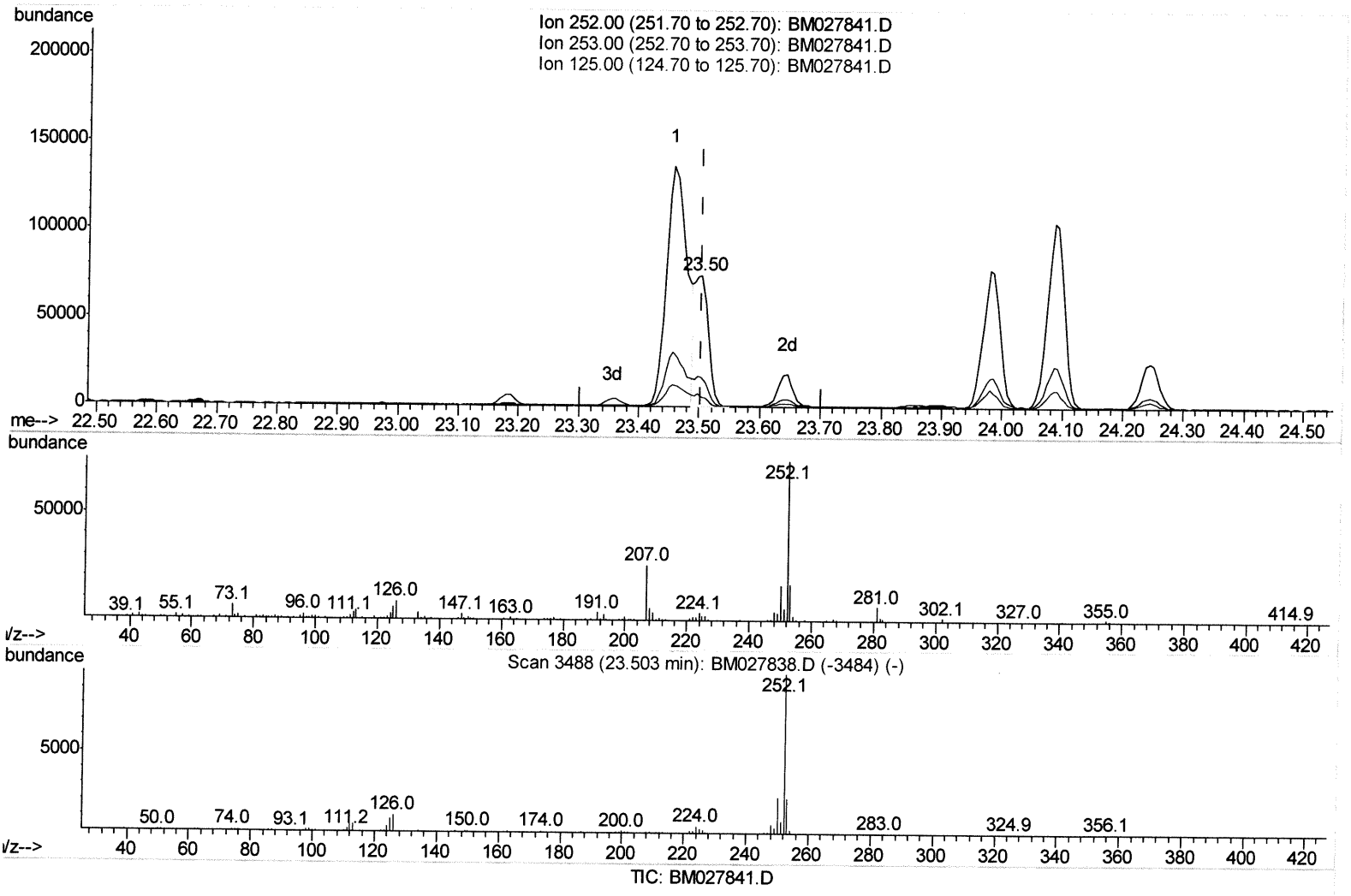
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	22.85
125.00	7.50	9.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 13:46:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:03:10 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/20/2020 11:32:00 AM



TIC: BM027841.D

(89) Benzo(k)fluoranthene

23.503min (+0.000) 11.44ng/ul m JH 11/24/20

response 121798

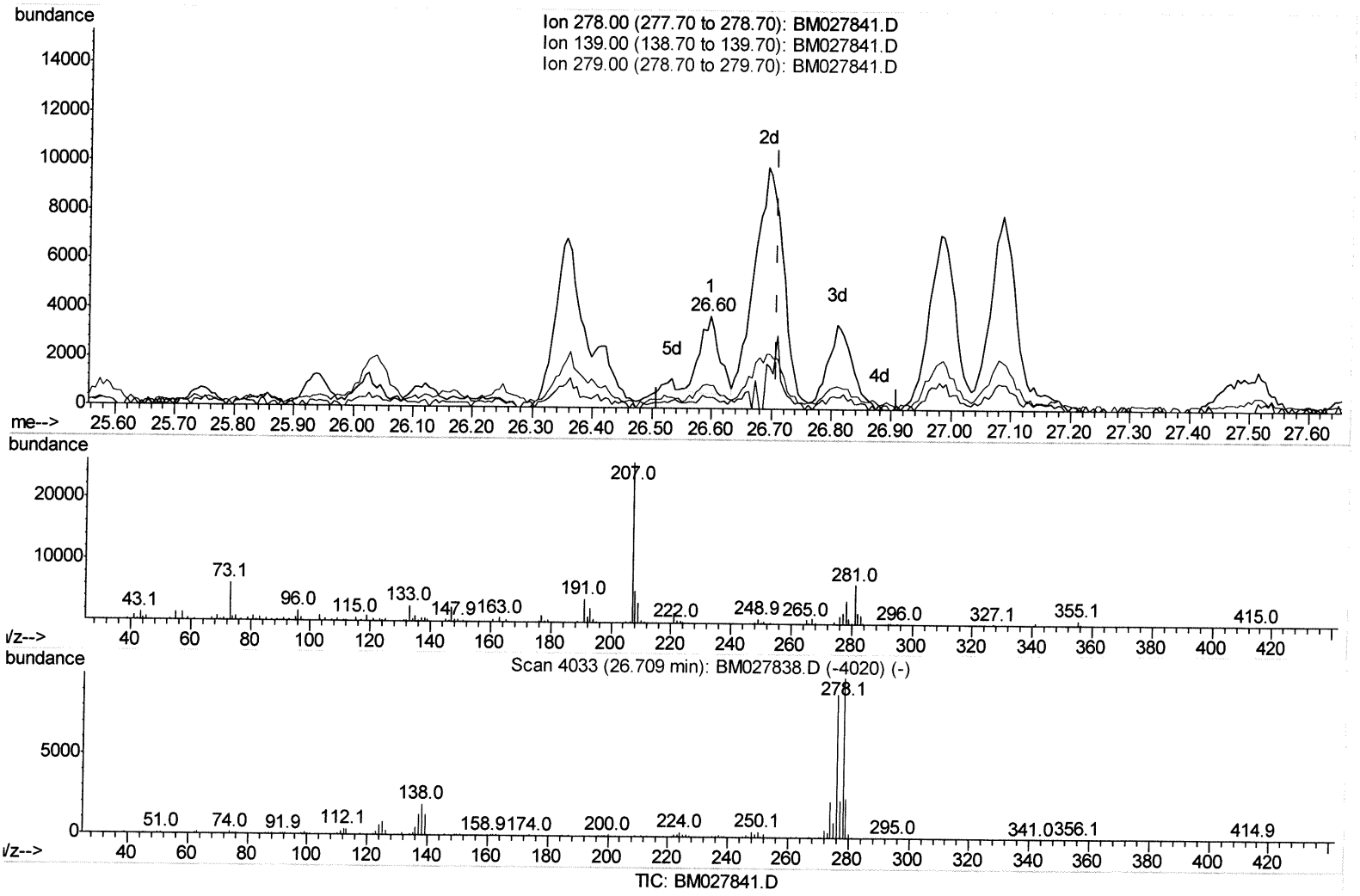
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	22.69
125.00	7.50	7.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 13:46:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:03:10 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/20/2020 11:32:00 AM



(93) Dibenzo(a,h)anthracene

26.597min (-0.112) 0.76ng/ul

response 7188

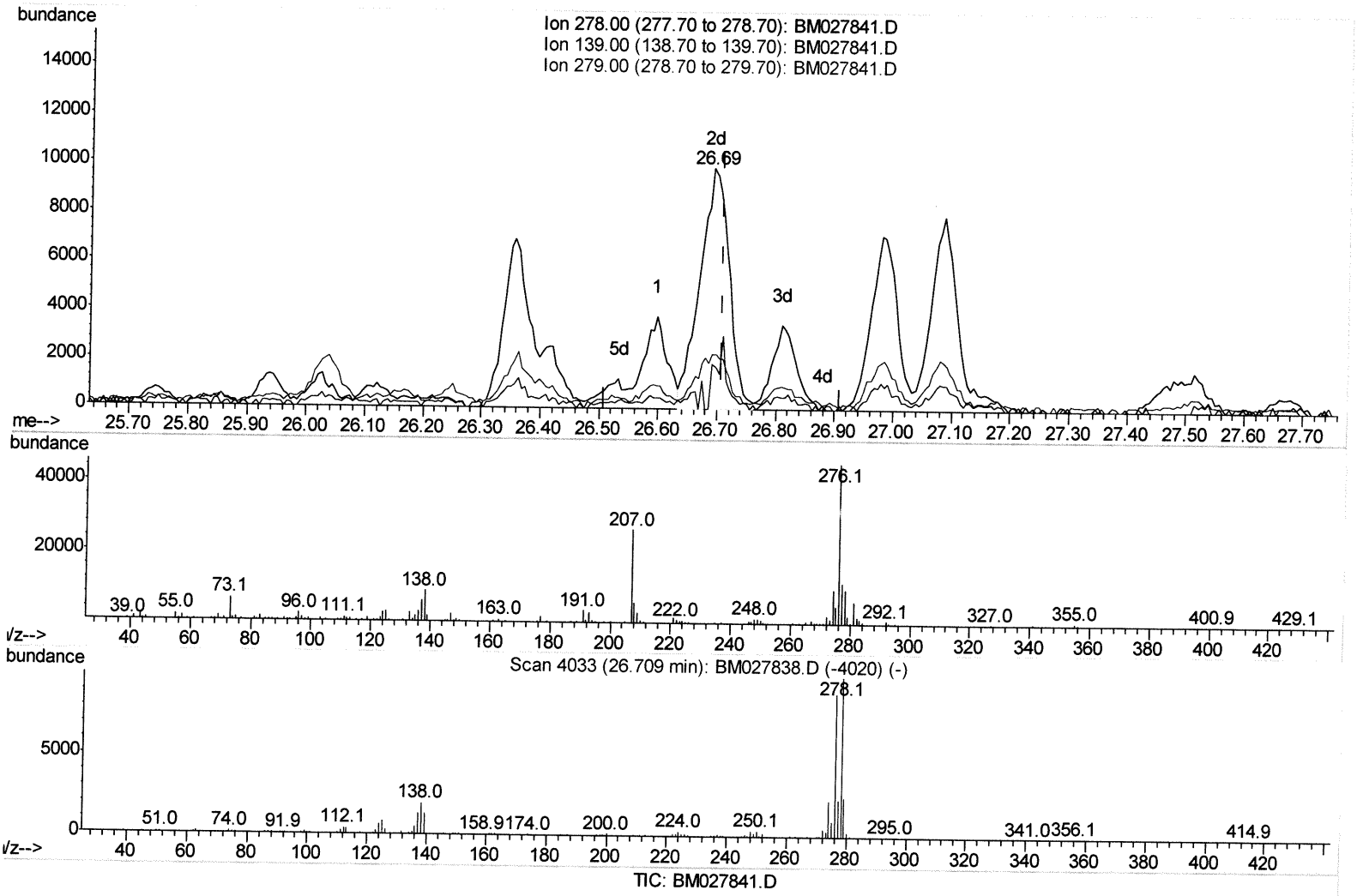
Ion	Exp%	Act%
278.00	100	100
139.00	11.90	12.06
279.00	22.90	25.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 13:46:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:03:10 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX2

Manual Integrations APPROVED
mohammad
11/20/2020 11:32:00 AM



(93) Dibenzo(a,h)anthracene

26.691min (-0.017) 3.63ng/ul m

response 34292

JU 11/24/20

Ion	Exp%	Act%
278.00	100	100
139.00	11.90	18.68#
279.00	22.90	22.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111920\
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Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
11/20/2020 11:32:00 AM

Quant Time: Nov 19 13:48:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	49498	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	214700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.95	164	133961	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.67	188	276529	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	200495	20.00	ng/ul	0.00
86) Perylene-d12	24.19	264	156869	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	2350	1.81	ng/uL	0.00
5) Phenol-d5	7.46	99	62836	13.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.64	67	44882	15.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	49213	14.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	49264	13.50	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	25419	14.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	25362	13.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	51768	13.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	41565	10.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.35	166	158332	14.90	ng/ul	0.00
47) Acenaphthylene-d8	14.65	160	214739	16.04	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	15889	8.42	ng/ul	0.00
58) Fluorene-d10	15.93	176	145625	15.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.03	200	16289	9.69	ng/ul	0.00
71) Anthracene-d10	17.76	188	216758	15.54	ng/ul	0.00
79) Pyrene-d10	20.02	212	220789	17.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.04	264	136812	15.54	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.39	163	65954	6.078	ng/ul	99
50) Acenaphthene	15.01	153	15243	1.649	ng/ul	98
59) Fluorene	15.98	166	14114	1.360	ng/ul#	99
70) Phenanthrene	17.71	178	473518	29.063	ng/ul	100
72) Anthracene	17.80	178	57466	3.468	ng/ul	99
75) Carbazole	18.05	167	44030	3.167	ng/ul	99
77) Fluoranthene	19.69	202	912475	50.576	ng/ul	96
80) Pyrene	20.04	202	729737	45.378	ng/ul	97
81) Butylbenzylphthalate	20.89	149	24898	4.043	ng/ul	98
83) Benzo(a)anthracene	21.76	228	279588	19.683	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	40347	4.975	ng/ul	99
85) Chrysene	21.81	228	311627	22.645	ng/ul	98
88) Benzo(b)fluoranthene	23.46	252	318870	28.861	ng/ul#	96
89) Benzo(k)fluoranthene	23.50	252	121798m	> 11.441	ng/ul	> JU 11/24/20
91) Benzo(a)pyrene	24.09	252	204897	20.932	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.69	276	136749	12.064	ng/ul	99
93) Dibenzo(a,h)anthracene	26.69	278	34292m	> 3.626	ng/ul	> JU 11/24/20
94) Benzo(g,h,i)perylene	27.47	276	128263	13.484	ng/ul#	95

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