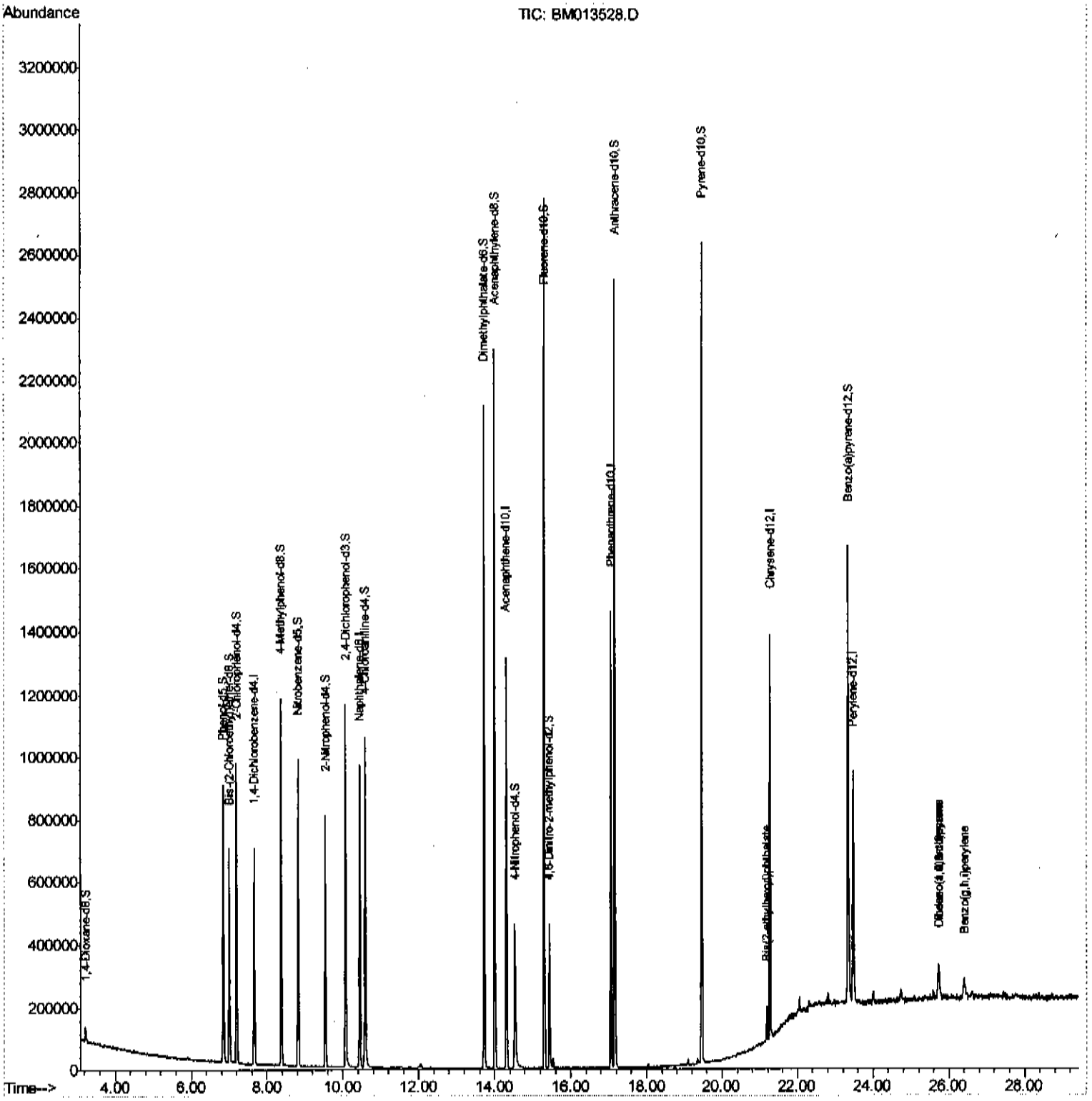
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\
Data File : BM013528.D
Acq On : 26 Dec 2017 11:17
Operator : SJ/JU
Sample : PB105321BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 27 02:53:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 02:01:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK21

Manual Integrations APPROVED
Sohil
12/27/2017 4:18:56 PM

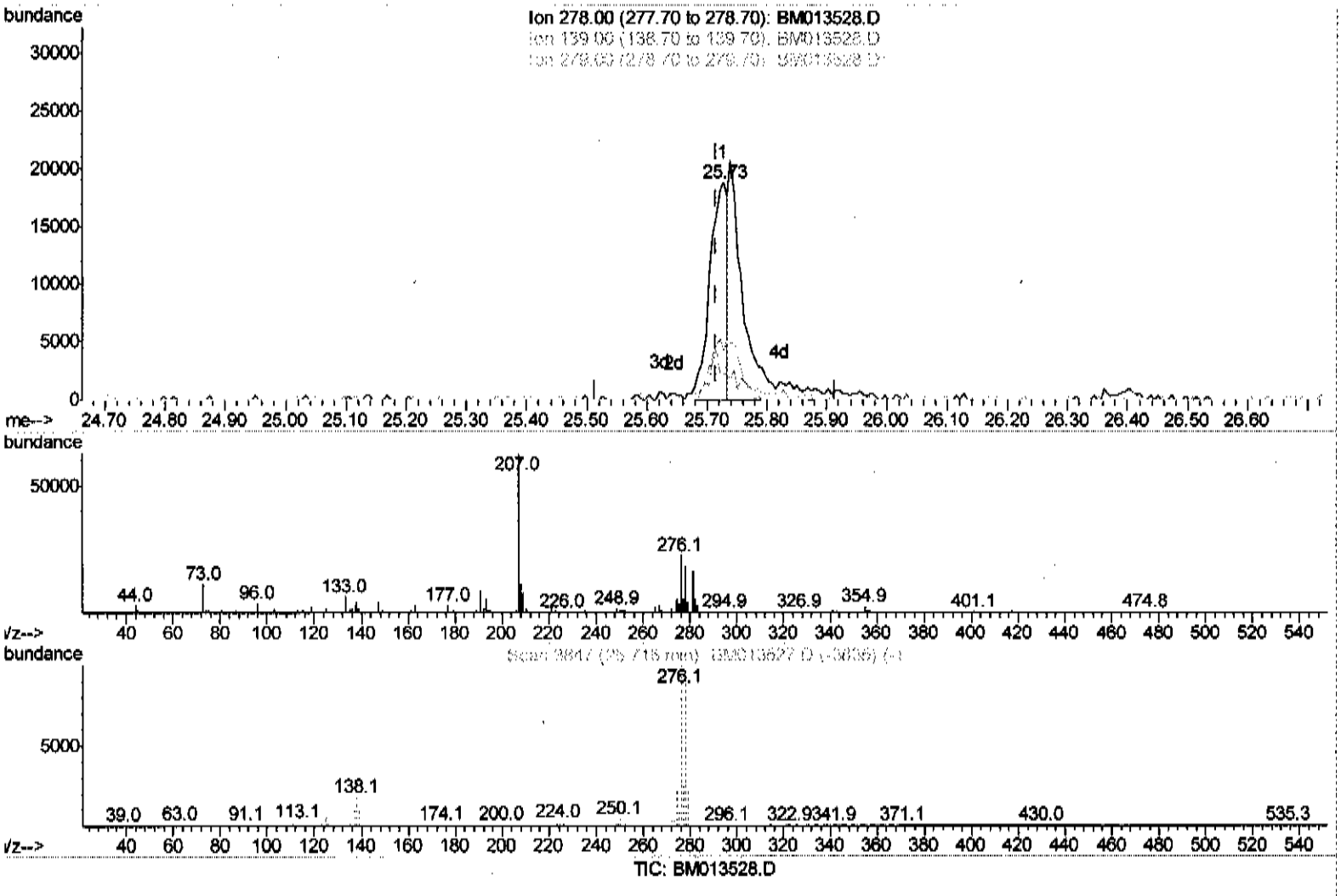


Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\
Data File : BM013528.D
Acq On : 26 Dec 2017 11:17
Operator : SJ/JU
Sample : PB105321BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 27 02:48:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 02:01:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK21

Manual Integrations APPROVED
Sohil
12/27/2017 4:18:56 PM



(90) Dibenzo(a,h)anthracene

25.727min (+0.012) 1.29ng/ul

response 38529

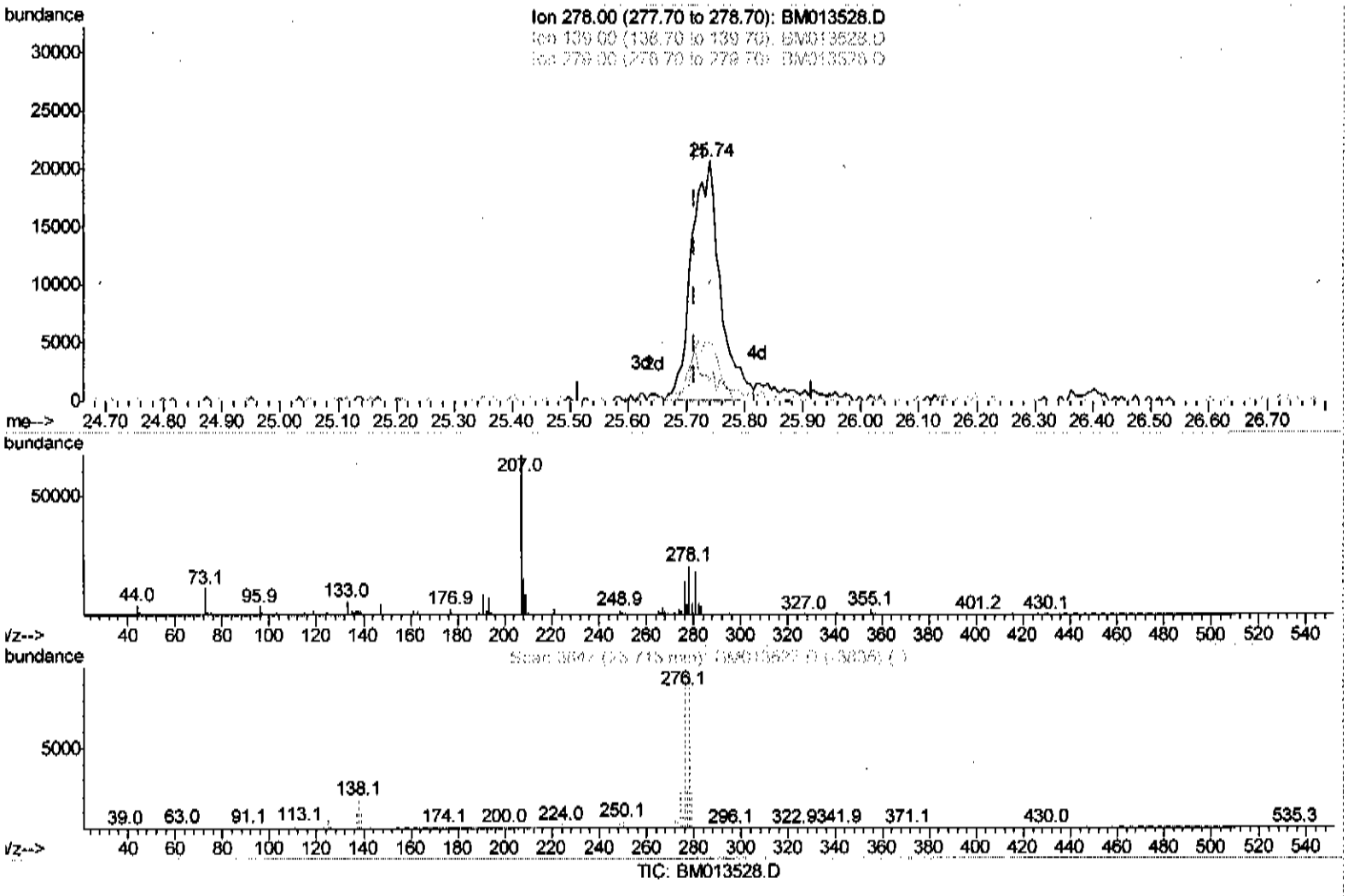
Ion	Exp%	Act%
278.00	100	100
139.00	7.30	11.52#
279.00	23.20	22.17
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\
Data File : BM013528.D
Acq On : 26 Dec 2017 11:17
Operator : SJ/JU
Sample : PB105321BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 27 02:48:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 02:01:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK21

Manual Integrations APPROVED
Sohil
12/27/2017 4:18:56 PM



(90) Dibenzo(a,h)anthracene

25.738min (+0.024) 2.39ng/ul m SJ 12/22/17

response 71340

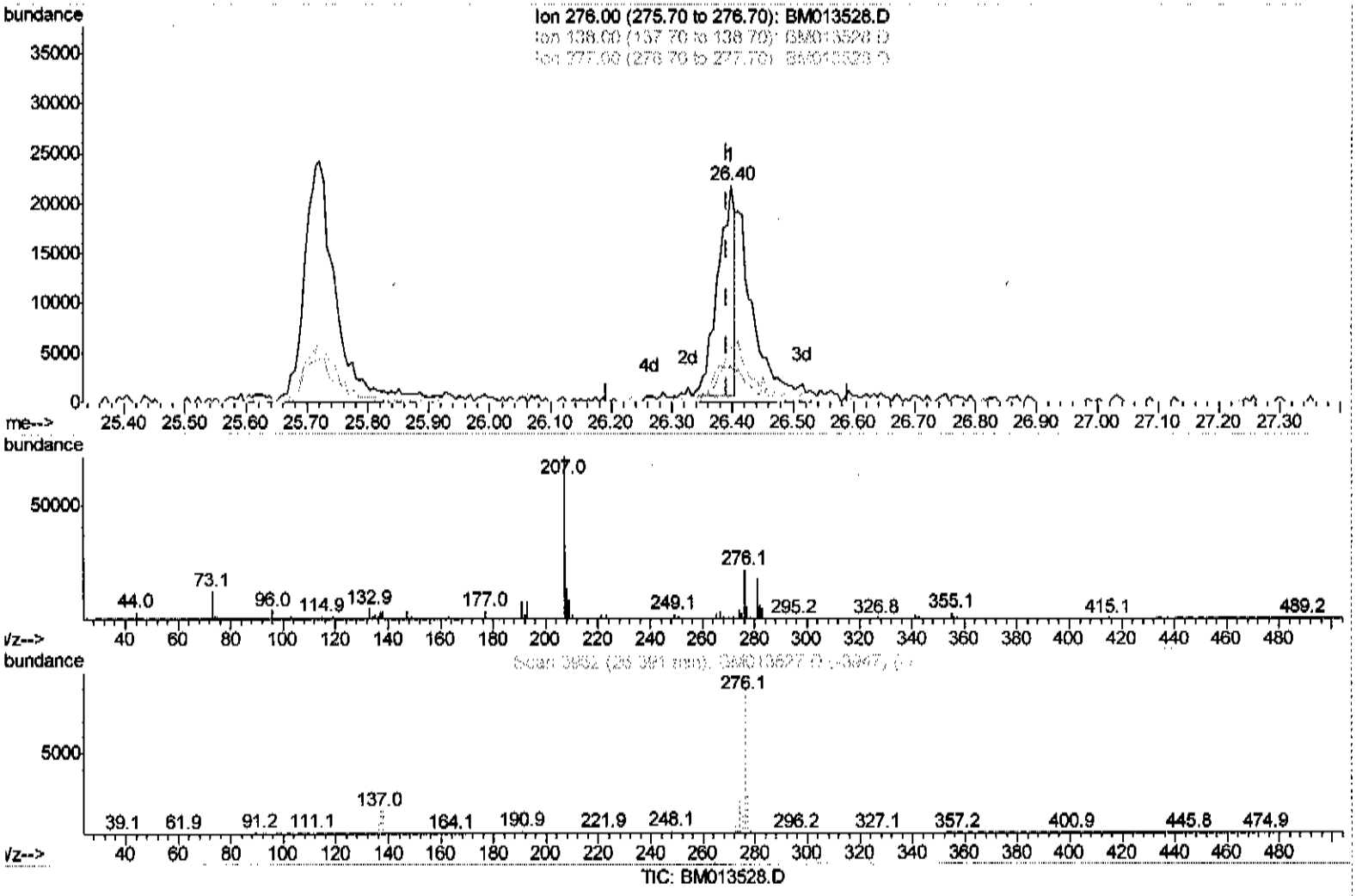
Ion	Exp%	Act%
278.00	100	100
139.00	7.30	8.00
279.00	23.20	23.84
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\
Data File : BM013528.D
Acq On : 26 Dec 2017 11:17
Operator : SJ/JU
Sample : PB105321BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 27 02:48:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 02:01:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK21

Manual Integrations APPROVED
Sohil
12/27/2017 4:18:56 PM



TIC: BM013528.D

(91) Benzo(g,h,i)perylene

26.397min (+0.006) 1.51ng/ul

response 41711

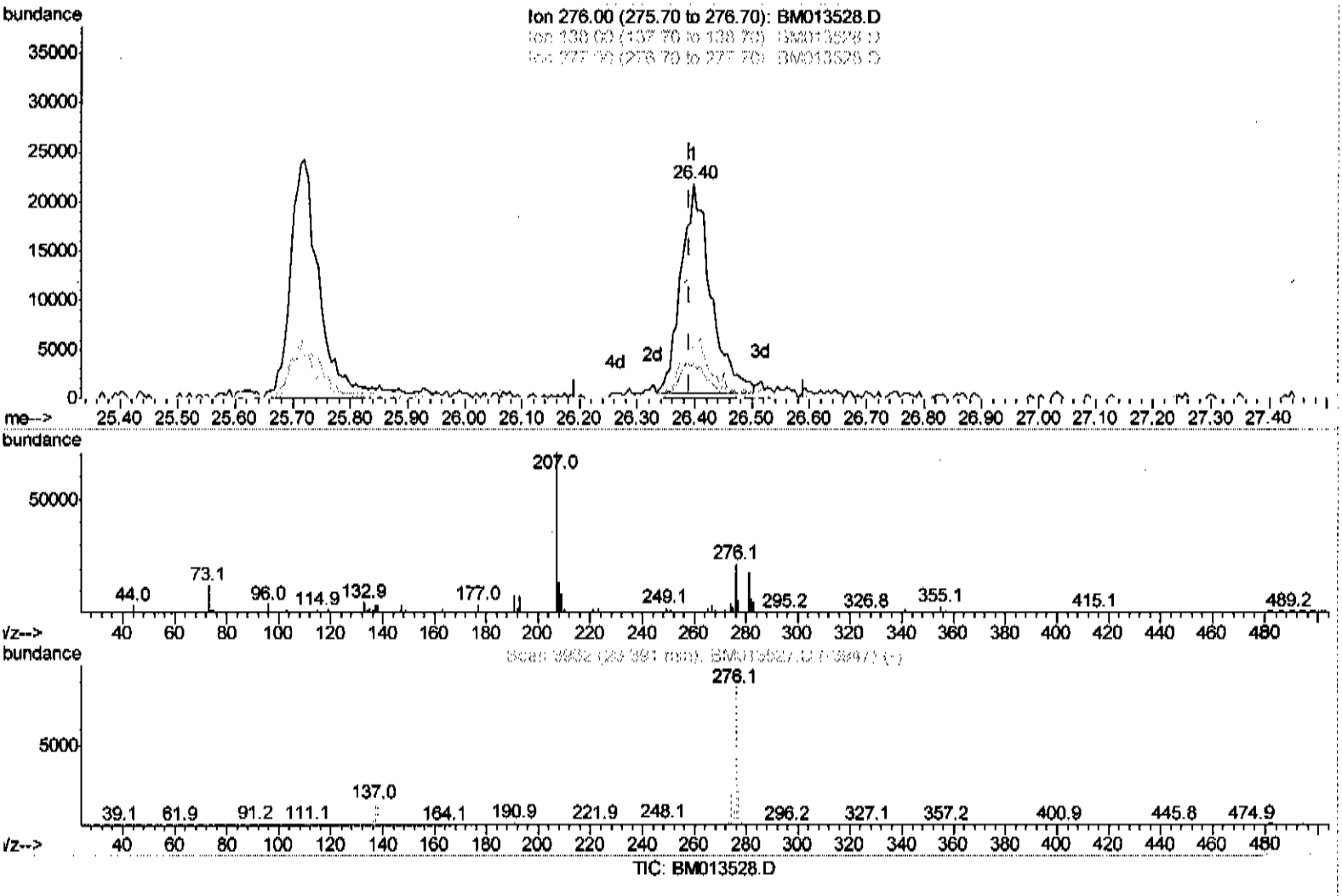
Ion	Exp%	Act%
276.00	100	100
138.00	10.60	16.84#
277.00	23.30	25.35
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\
Data File : BM013528.D
Acq On : 26 Dec 2017 11:17
Operator : SJ/JU
Sample : PB105321BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 27 02:48:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 02:01:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK21

Manual Integrations APPROVED
Sohil
12/27/2017 4:18:56 PM



TIC: BM013528.D

(91) Benzo(g,h,i)perylene

26.397min (+0.006) 2.78ng/ul m SJ 12/22/17

response 76931

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	16.84#
277.00	23.30	25.35
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\
Data File : BM013528.D
Acq On : 26 Dec 2017 11:17
Operator : SJ/JU
Sample : PB105321BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK21

Manual Integrations APPROVED
Sohil
12/27/2017 4:18:56 PM

Quant Time: Dec 27 02:53:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 02:01:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	175090	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	732880	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	417924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	814328	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	668536	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	583743	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	26484	7.49	ng/uL	0.00
5) Phenol-d5	6.85	99	470730	31.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	288075	33.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	386042	32.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	408076	31.53	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	205950	35.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	216819	34.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	405074	31.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	533477	45.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1259584	33.87	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1597256	34.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	115861	17.93	ng/ul	0.00
57) Fluorene-d10	15.31	176	1040494	32.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	102260	19.96	ng/ul	0.00
70) Anthracene-d10	17.16	188	1401094	34.35	ng/ul	0.00
76) Pyrene-d10	19.46	212	1360229	40.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1019380	34.28	ng/ul	0.00
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phthalate	21.17	149	33313	1.393	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.72	276	72860	2.077	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.74	278	71340m	2.389	ng/ul	
91) Benzo(g,h,i)perylene	26.40	276	76931m	2.781	ng/ul	

SJ 12/27/17

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