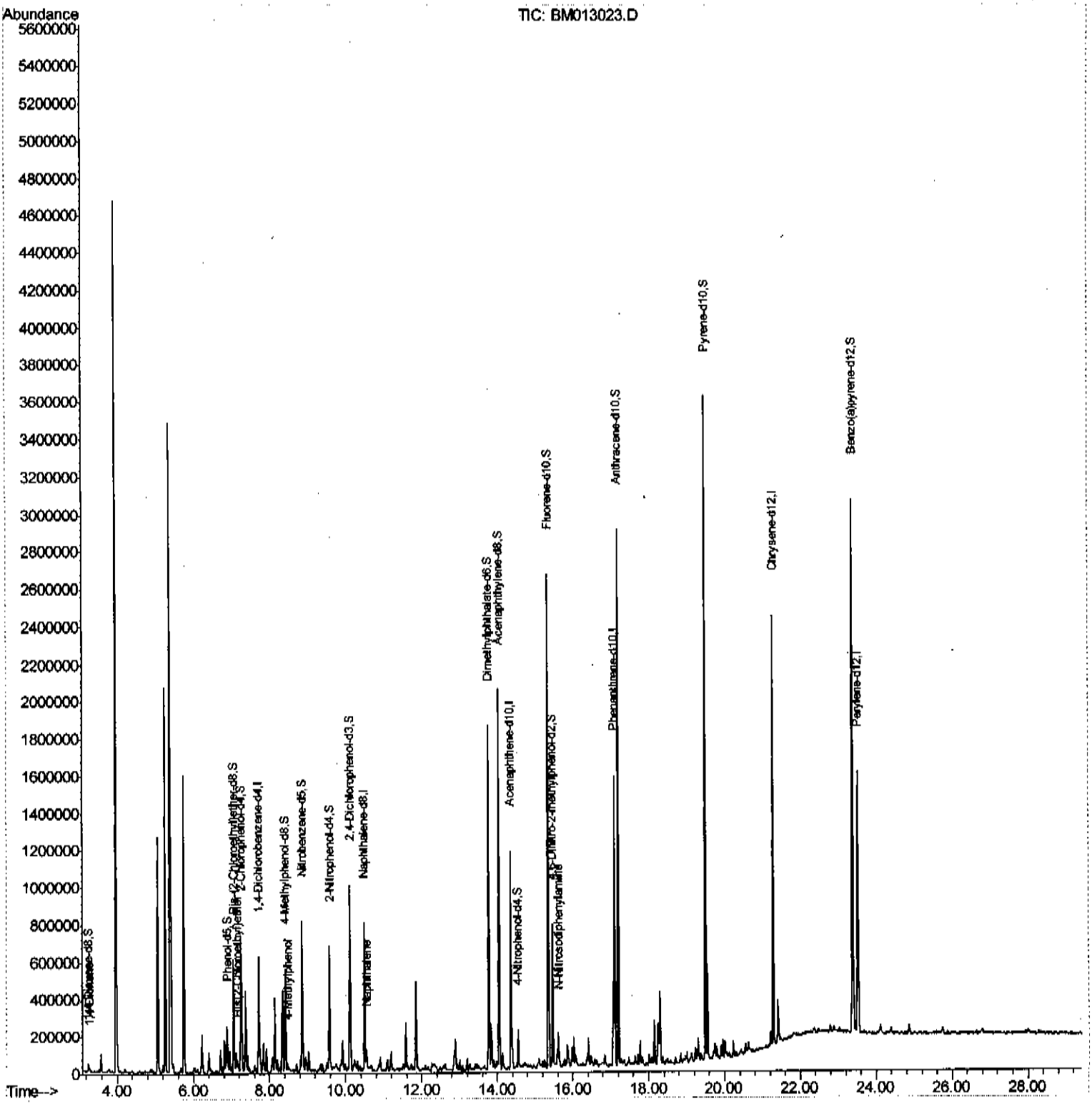
Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013023.D
Acq On : 18 Nov 2017 05:07
Operator : SJ/JU
Sample : I6451-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 18 05:55:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 03:21:50 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE2X1

Manual Integrations APPROVED
SOHIL
11/20/2017 4:30:36 PM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013023.D
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Sample : I6451-08
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Quant Time: Nov 18 05:52:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
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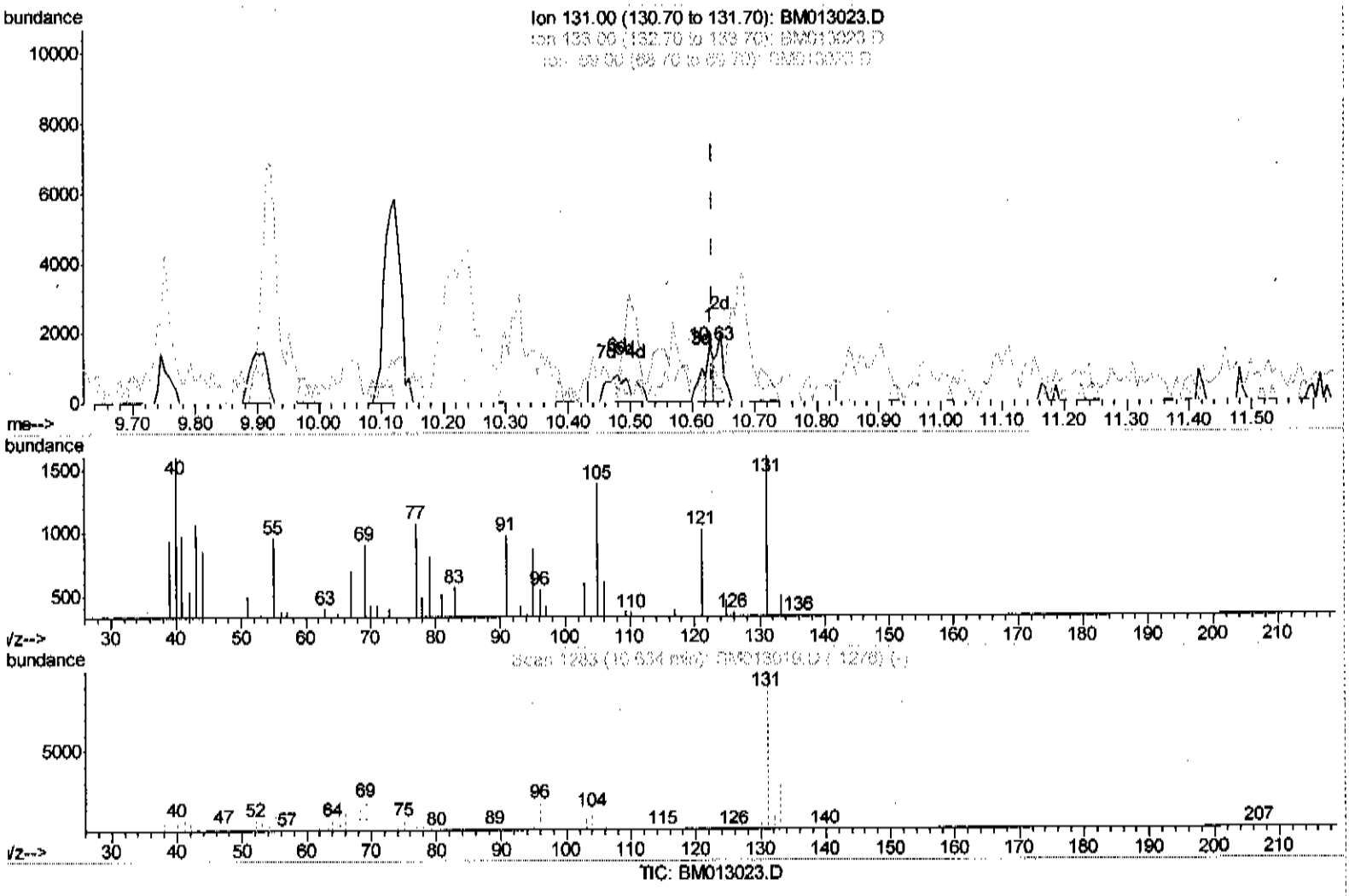
Instrument :
BNA_M
ClientSampleId :
BE2X1

Manual Integrations APPROVED
SOHIL
11/20/2017 4:30:36 PM



(29) 4-Chloroaniline-d4 (S)

10.628min (-0.006) 0.09ng/ul

response 992

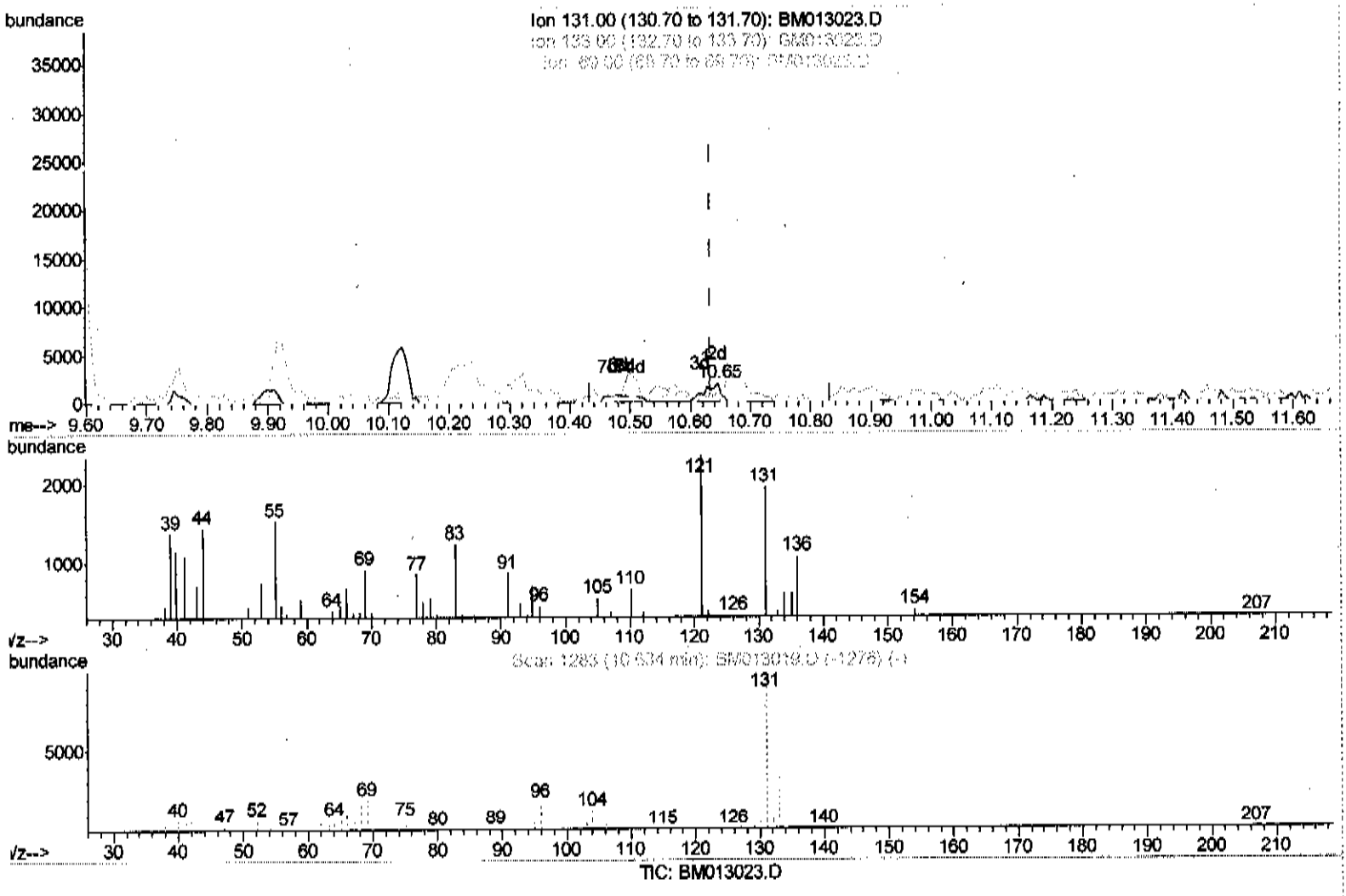
Ion	Exp%	Act%
131.00	100	100
133.00	31.40	30.68
69.00	24.30	56.25#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013023.D
Acq On : 18 Nov 2017 05:07
Operator : SJ/JU
Sample : I6451-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 18 05:52:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 03:21:50 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE2X1

Manual Integrations APPROVED
SOHIL
11/20/2017 4:30:36 PM



(29) 4-Chloroaniline-d4 (S)

10.645min (+0.012) 0.31ng/ul m JSP 11/21/17

response 3450

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	19.30#
69.00	24.30	47.25#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013023.D
Acq On : 18 Nov 2017 05:07
Operator : SJ/JU
Sample : I6451-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE2X1

Manual Integrations APPROVED
SOHIL
11/20/2017 4:30:36 PM

Quant Time: Nov 18 05:55:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 03:21:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	156159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	619669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	365605	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	864170	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1054976	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1066309	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	19527	5.79	ng/uL	0.00
5) Phenol-d5	6.89	99	99539	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	247568	32.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	278113	25.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	181758	16.40	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	170390	38.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	180032	42.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	339322	31.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	3450m>	0.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.77	166	1149829	35.85	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1404274	34.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	41908	8.62	ng/ul	0.00
57) Fluorene-d10	15.35	176	985689	36.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	154441	41.22	ng/ul	0.00
70) Anthracene-d10	17.20	188	1605634	36.29	ng/ul	0.00
76) Pyrene-d10	19.50	212	1856686	34.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	2020485	37.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	6686	1.81	ng/uL#	52
8) Bis(2-Chloroethyl)ether	7.15	93	30570	3.04	ng/ul	86
16) 4-Methylphenol	8.47	108	18680	1.74	ng/ul	93
28) Naphthalene	10.55	128	81976	2.57	ng/ul	97
64) N-Nitrosodiphenylamine	15.62	169	63296	2.33	ng/ul	97

>JU 11/21/17

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