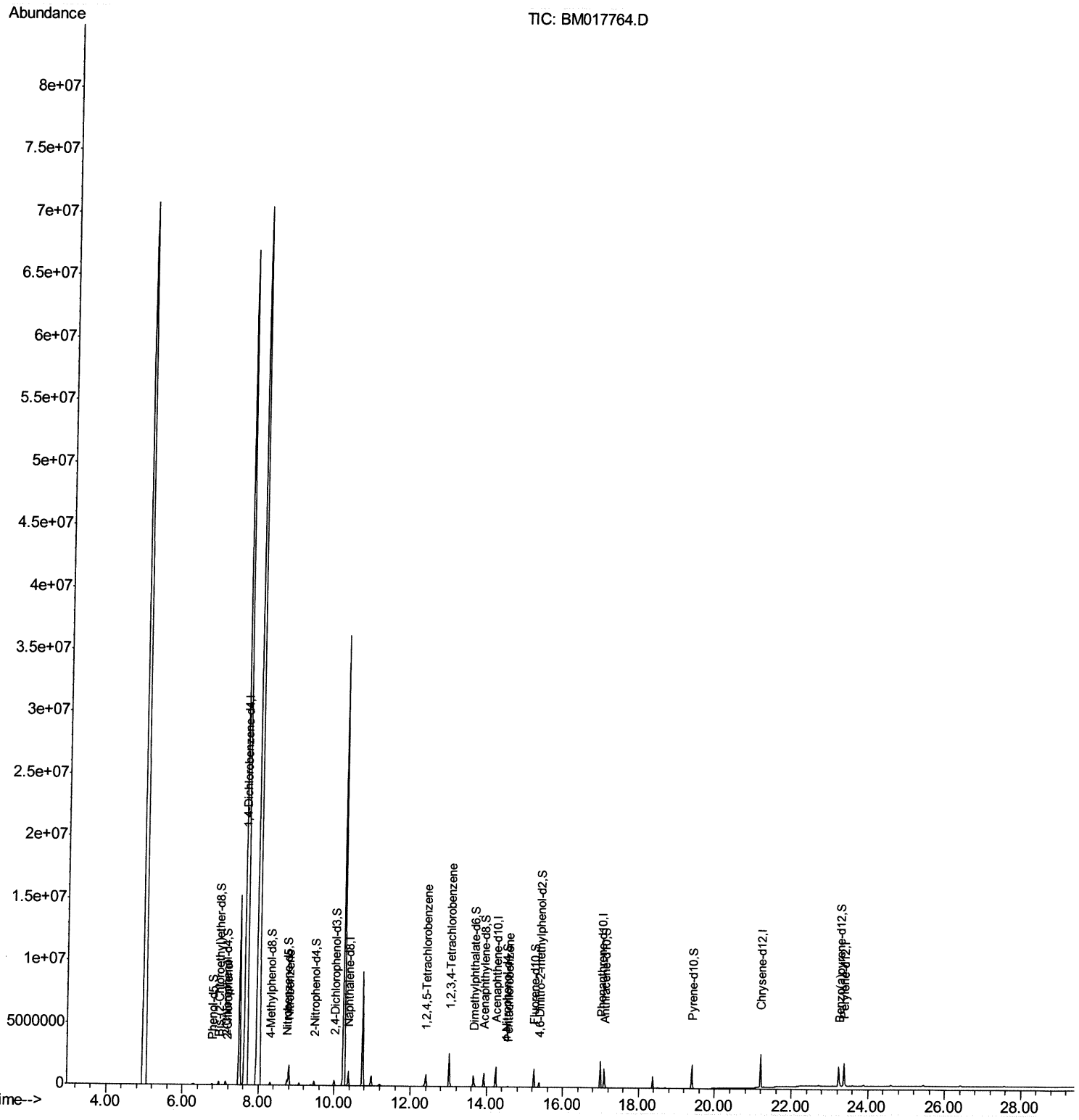
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112618\
Data File : BM017764.D
Acq On : 26 Nov 2018 11:53
Operator : MJ/SJ
Sample : J6036-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 15:40:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0928DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:39 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112618\
Data File : BM017764.D
Acq On : 26 Nov 2018 11:53
Operator : MJ/SJ
Sample : J6036-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 14:50:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

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Manual Integrations APPROVED
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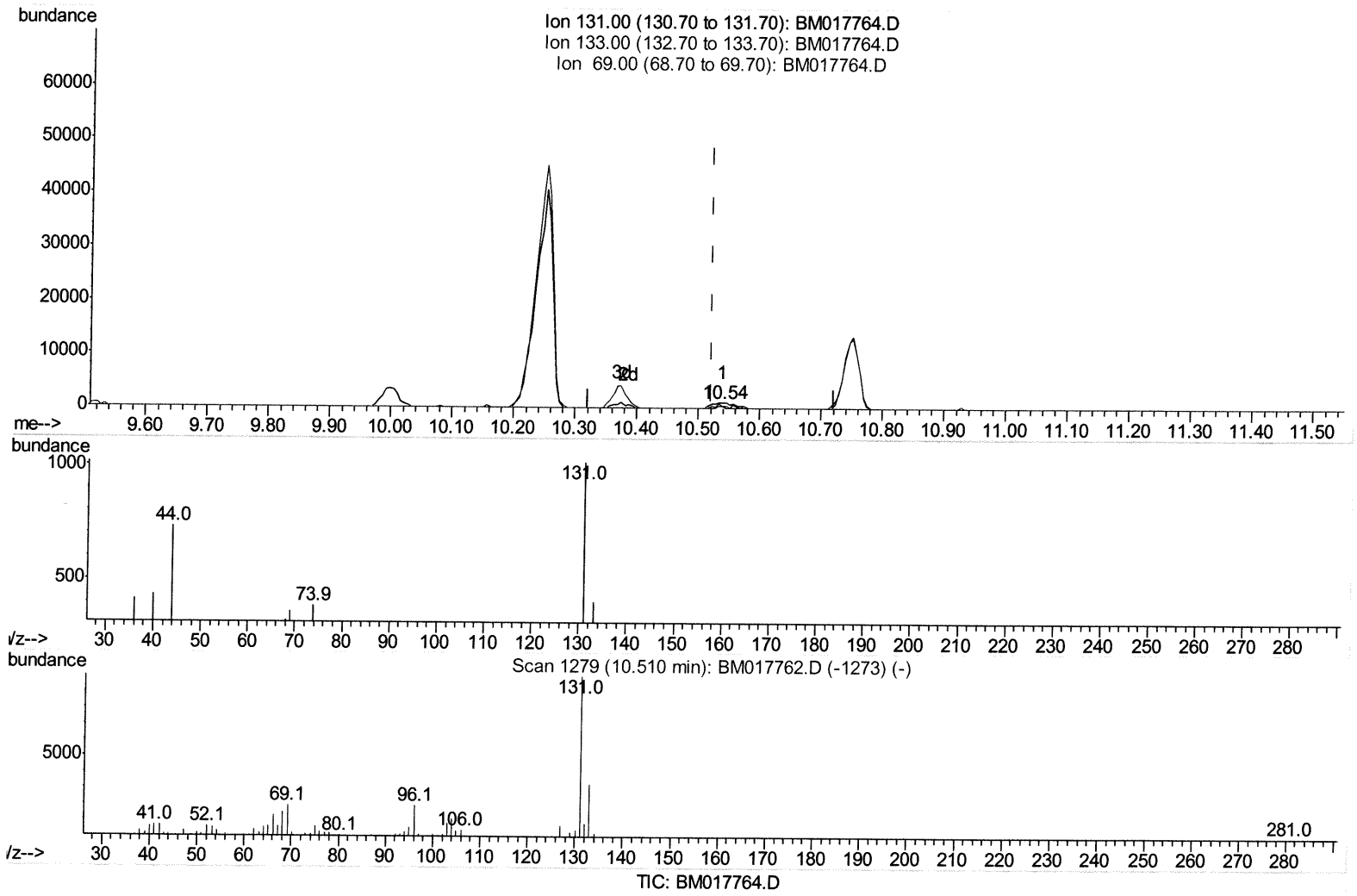
11/27/2018 11:52:39 AM



TIC: BM017764.D

(29) 4-Chloroaniline-d4 (S)

10.539min (+0.017) 0.16ng/ul

response 1980

Ion	Exp%	Act%
131.00	100	100
133.00	32.40	39.78#
69.00	18.90	35.64#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112618\
Data File : BM017764.D
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Sample : J6036-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 14:50:19 2018
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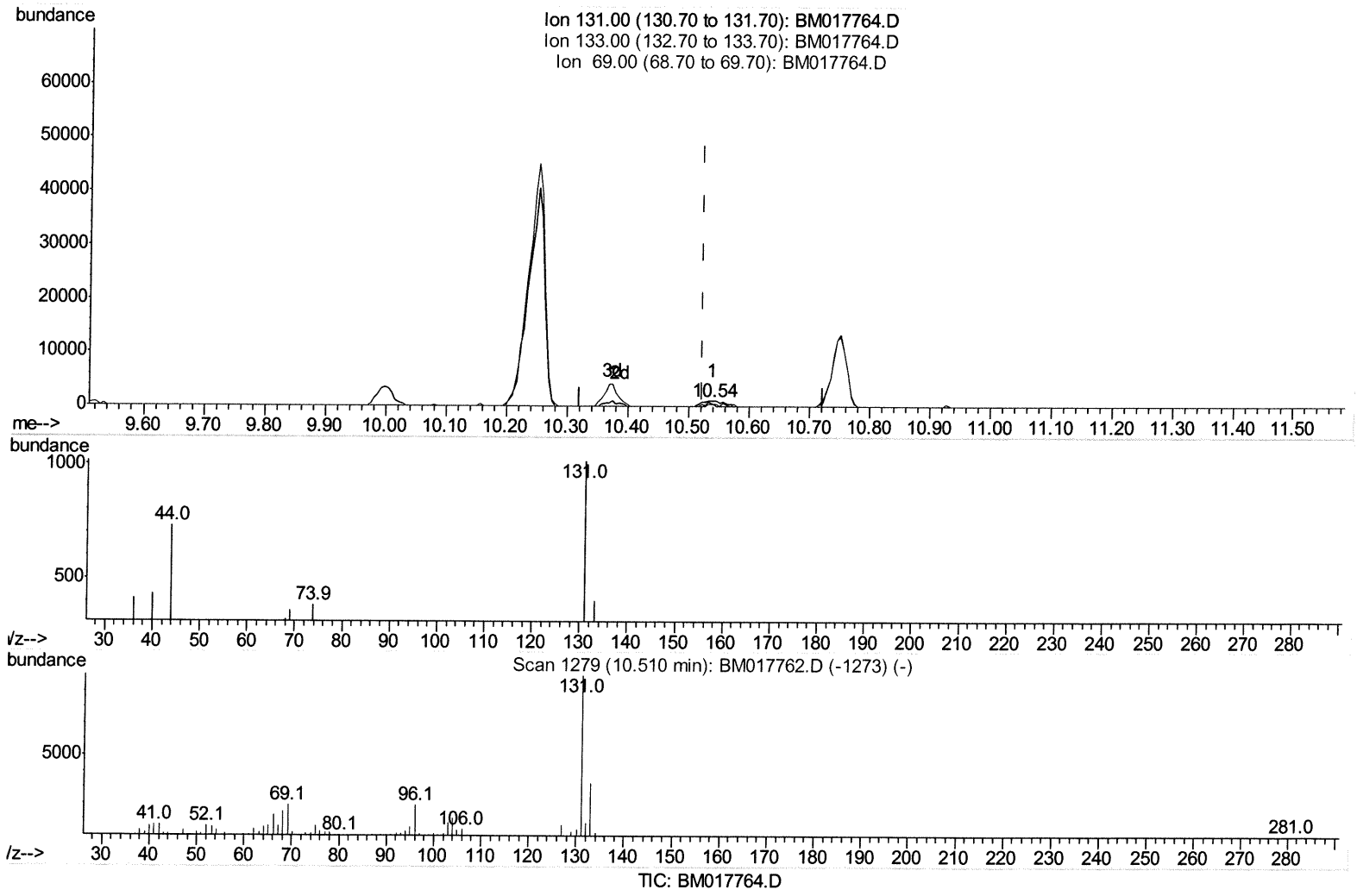
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0928DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:39 AM



TIC: BM017764.D

(29) 4-Chloroaniline-d4 (S)

10.539min (+0.017) 0.21ng/ul m JE 11/27/18

response 2690

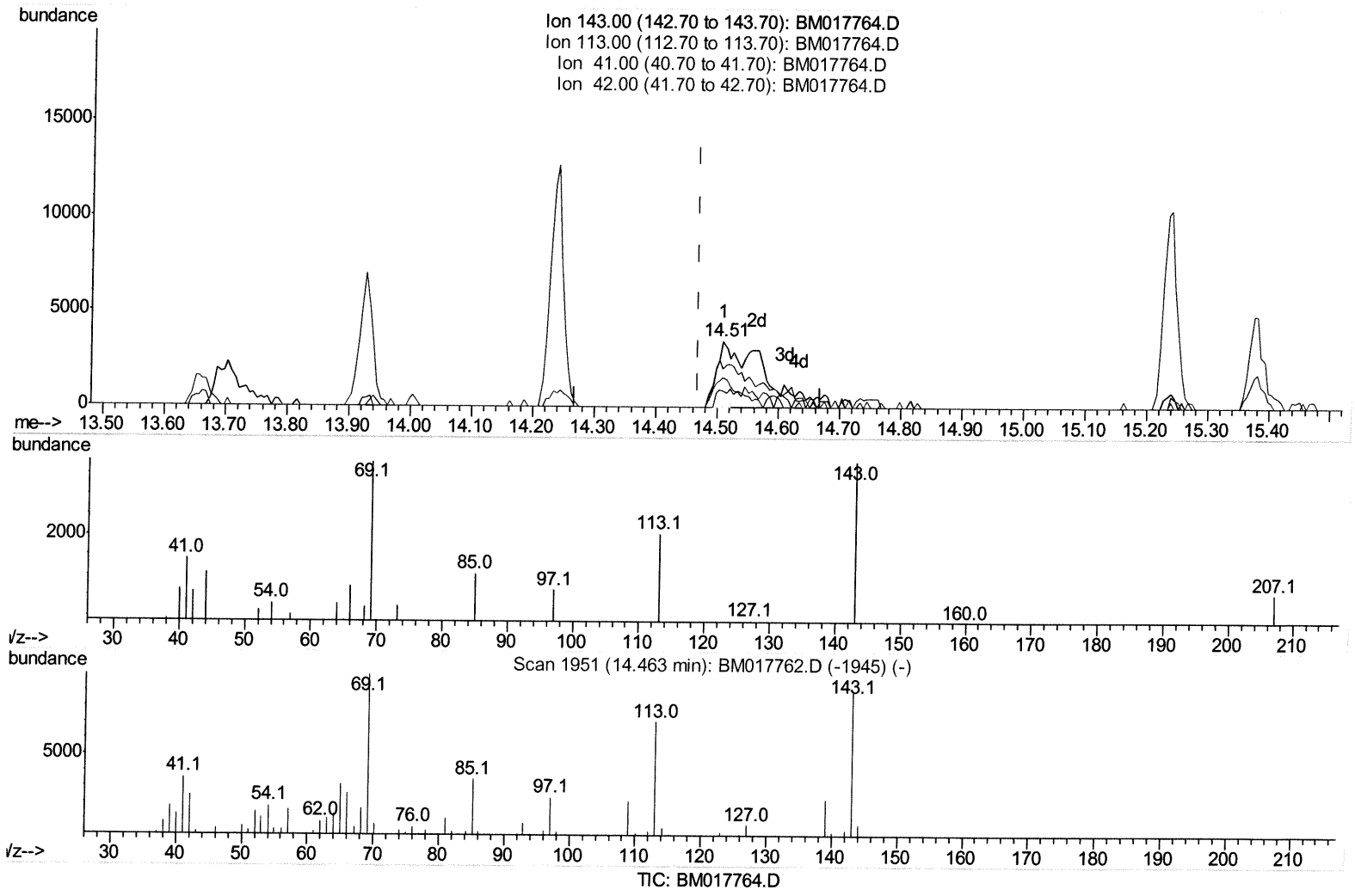
Ion	Exp%	Act%
131.00	100	100
133.00	32.40	39.78#
69.00	18.90	35.64#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112618\
Data File : BM017764.D
Acq On : 26 Nov 2018 11:53
Operator : MJ/SJ
Sample : J6036-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 14:50:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0928DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:39 AM



(51) 4-Nitrophenol-d4 (S)

14.510min (+0.041) 0.67ng/ul

response 5396

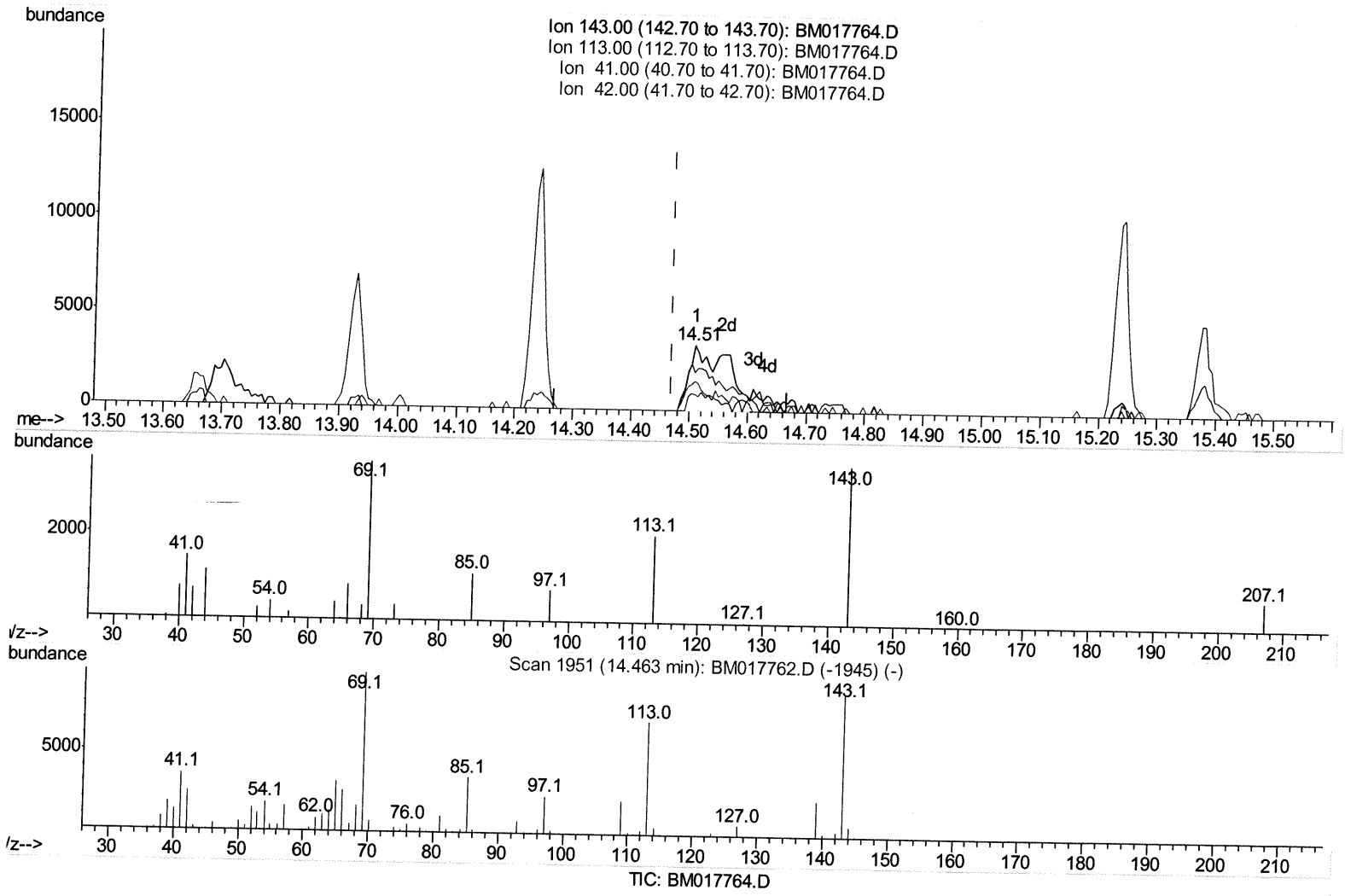
Ion	Exp%	Act%
143.00	100	100
113.00	79.10	58.84#
41.00	40.10	44.30
42.00	26.80	25.81

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112618\
Data File : BM017764.D
Acq On : 26 Nov 2018 11:53
Operator : MJ/SJ
Sample : J6036-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 14:50:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0928DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:39 AM



(51) 4-Nitrophenol-d4 (S)

14.510min (+0.041) 1.95ng/ul m

response 15639

Ion	Exp%	Act%
143.00	100	100
113.00	79.10	58.84#
41.00	40.10	44.30
42.00	26.80	25.81

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112618\
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Acq On : 26 Nov 2018 11:53
Operator : MJ/SJ
Sample : J6036-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
11/27/2018 11:52:39 AM

Quant Time: Nov 26 15:40:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	7.62	152	216850	20.00	ng/ul	0.02
18) Naphthalene-d8	10.37	136	870557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	508948	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1191215	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1342192	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1327791	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2760	0.58	ng/uL	0.01
5) Phenol-d5	6.79	99	50963	2.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	144477	12.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	157984	10.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	97514	6.03	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	100253	14.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	109252	14.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	182441	12.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	2690m?	0.21	ng/ul >	0.02 > JEW 11/27/18
43) Dimethylphthalate-d6	13.66	166	654538	14.82	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	767301	14.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	15639m?	1.95	ng/ul >	0.04 > JEW 11/27/18
57) Fluorene-d10	15.24	176	564724	14.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	94451	11.09	ng/ul	0.00
70) Anthracene-d10	17.09	188	905637	15.27	ng/ul	0.00
78) Pyrene-d10	19.40	212	1035404	15.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1093578	15.19	ng/ul	0.00
Target Compounds						Qvalue
10) 2-Chlorophenol	7.17	128	16564	1.070	ng/ul#	94
20) Nitrobenzene	8.79	77	902850	53.794	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	330714	19.474	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	805522	47.717	ng/uL	100
73) Pentachlorobenzene	14.56	250	22420	1.298	ng/uL	98

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