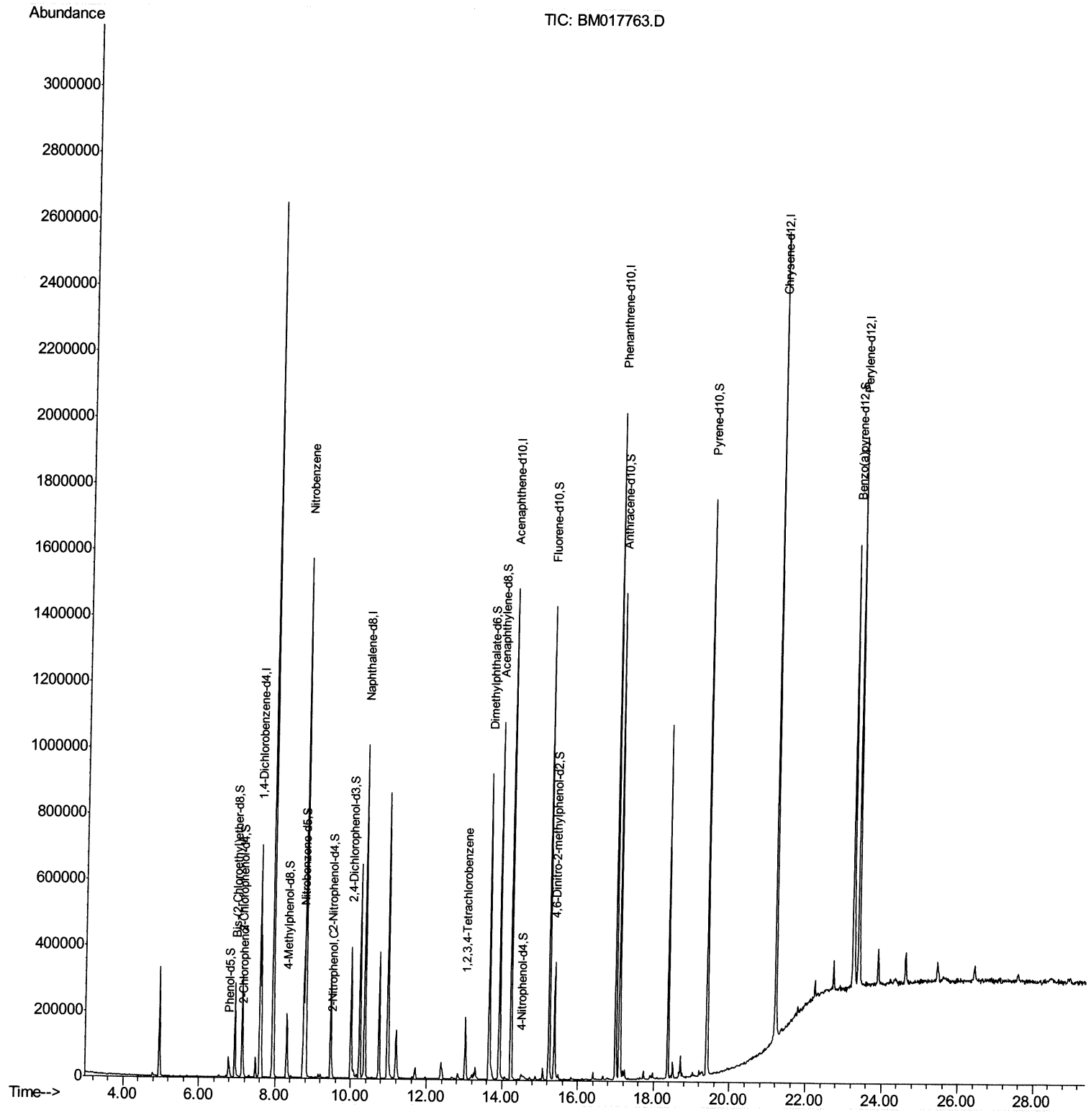
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112618\
Data File : BM017763.D
Acq On : 26 Nov 2018 11:17
Operator : MJ/SJ
Sample : J6036-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 27 10:00:47 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 :
C0923DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:36 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112618\
Data File : BM017763.D
Acq On : 26 Nov 2018 11:17
Operator : MJ/SJ
Sample : J6036-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 26 15:12:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
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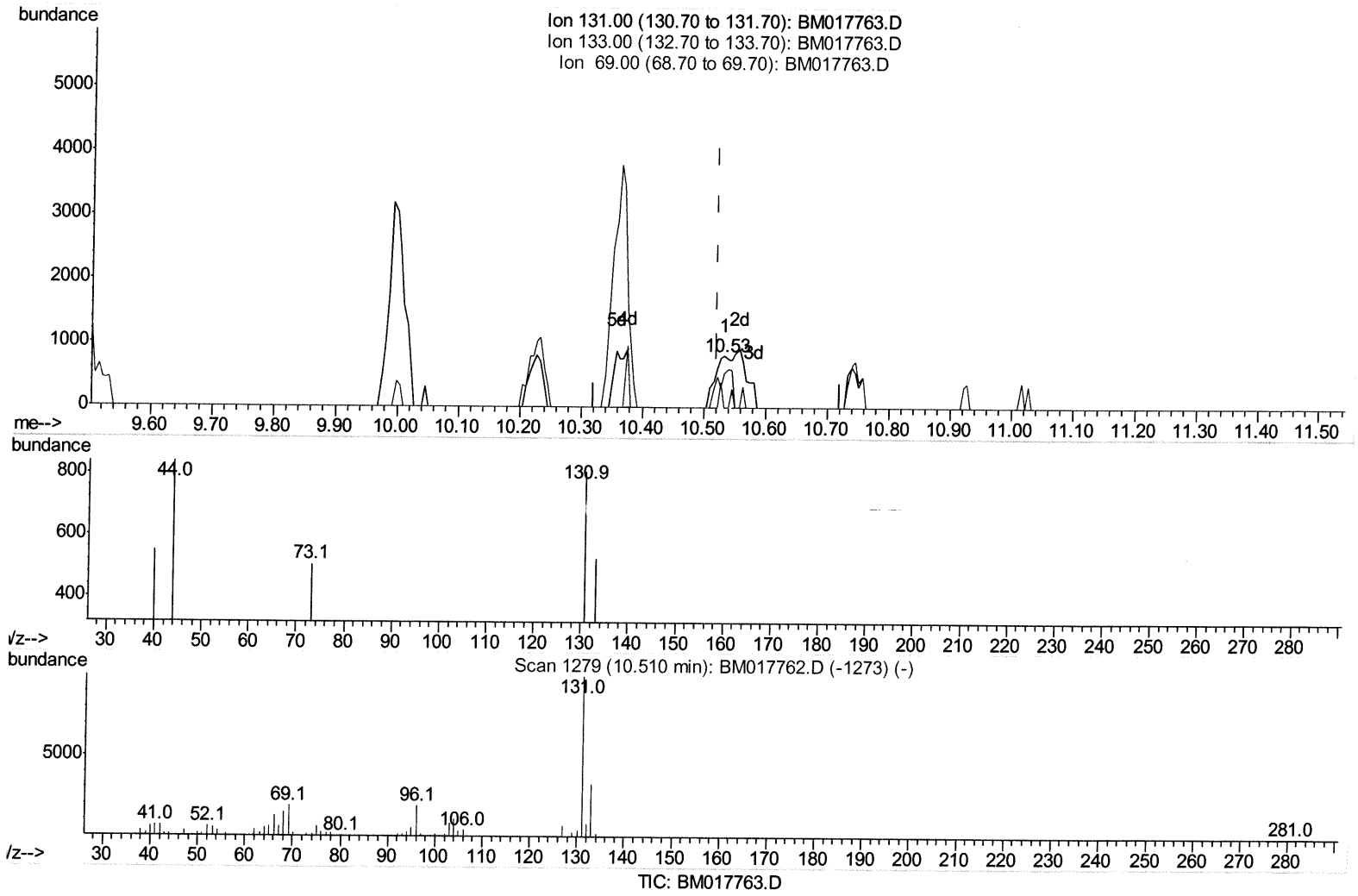


TIC: BM017763.D

(29) 4-Chloroaniline-d4 (S)

10.534min (+0.012) 0.13ng/ul

response 1562

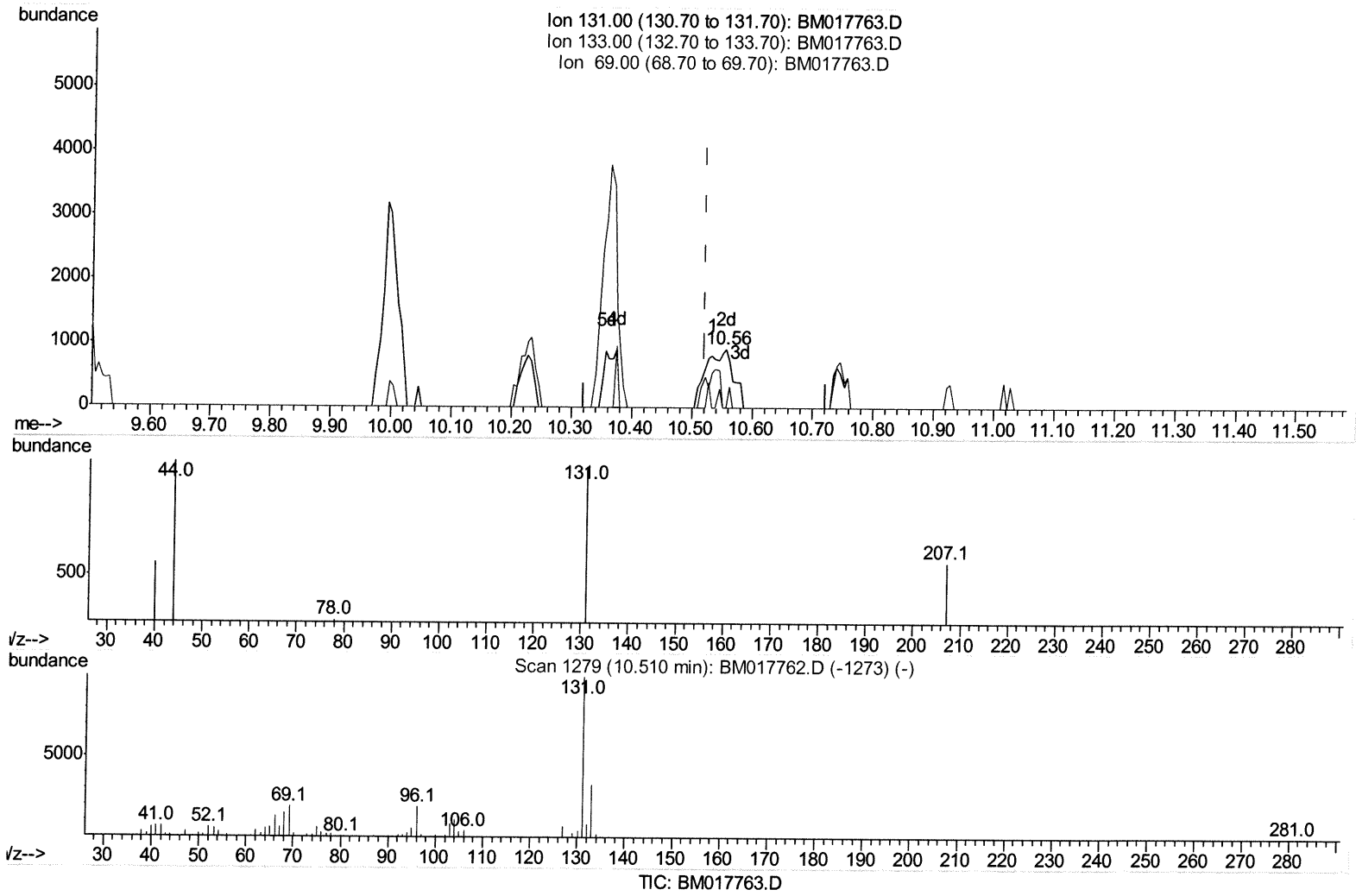
Ion	Exp%	Act%
131.00	100	100
133.00	32.40	65.26#
69.00	18.90	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112618\
Data File : BM017763.D
Acq On : 26 Nov 2018 11:17
Operator : MJ/SJ
Sample : J6036-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 26 15:12:49 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 :
C0923DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:36 AM



(29) 4-Chloroaniline-d4 (S)

10.557min (+0.035) 0.24ng/ul m

JRE 11/27/18

response 2864

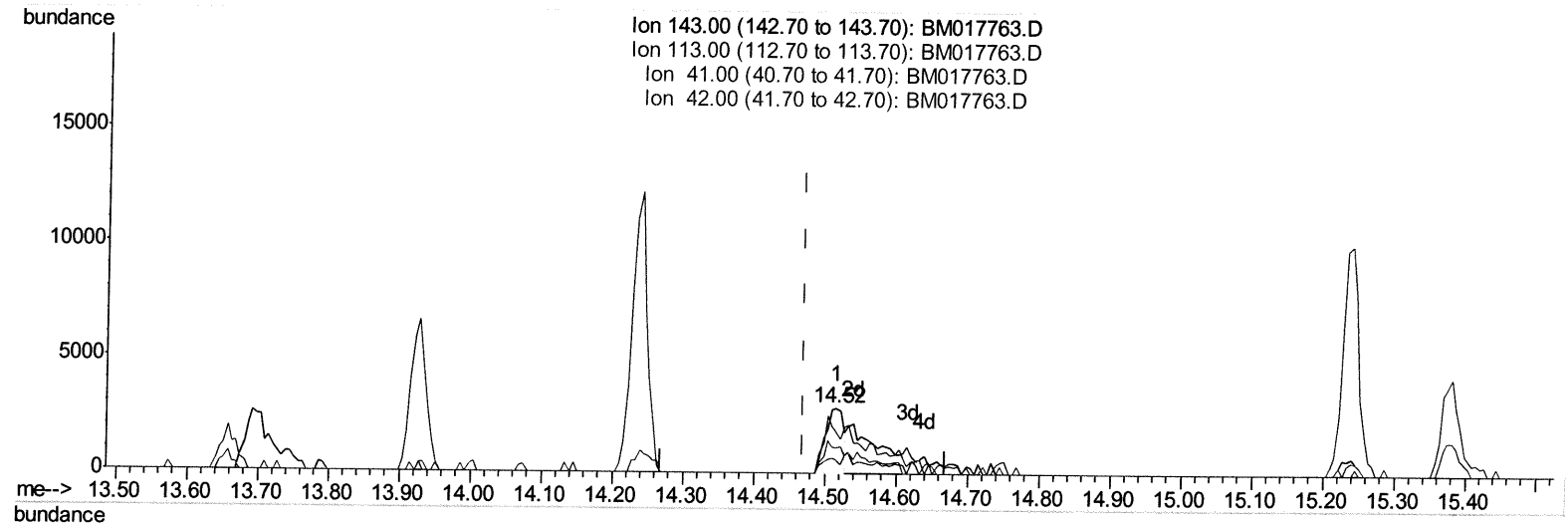
Ion	Exp%	Act%
131.00	100	100
133.00	32.40	0.00#
69.00	18.90	0.00#
0.00	0.00	0.00

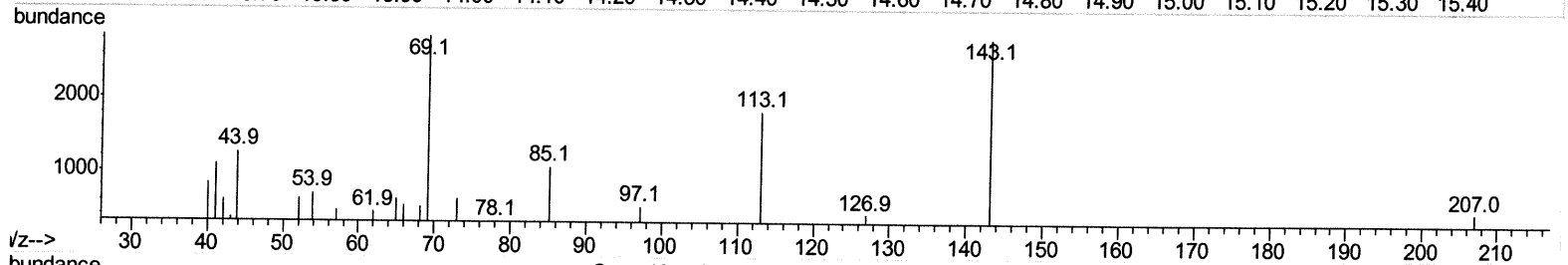
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112618\
Data File : BM017763.D
Acq On : 26 Nov 2018 11:17
Operator : MJ/SJ
Sample : J6036-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 26 15:12:49 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

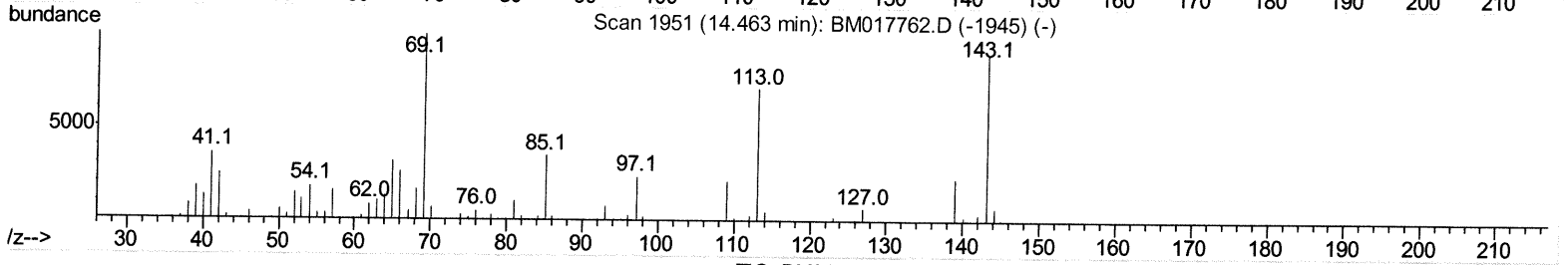
Instrument :
BNA_M
ClientSampleId :
C0923DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:36 AM





Scan 1951 (14.463 min): BM017762.D (-1945) (-)



TIC: BM017763.D

(51) 4-Nitrophenol-d4 (S)

14.516min (+0.047) 0.66ng/ul

response 5022

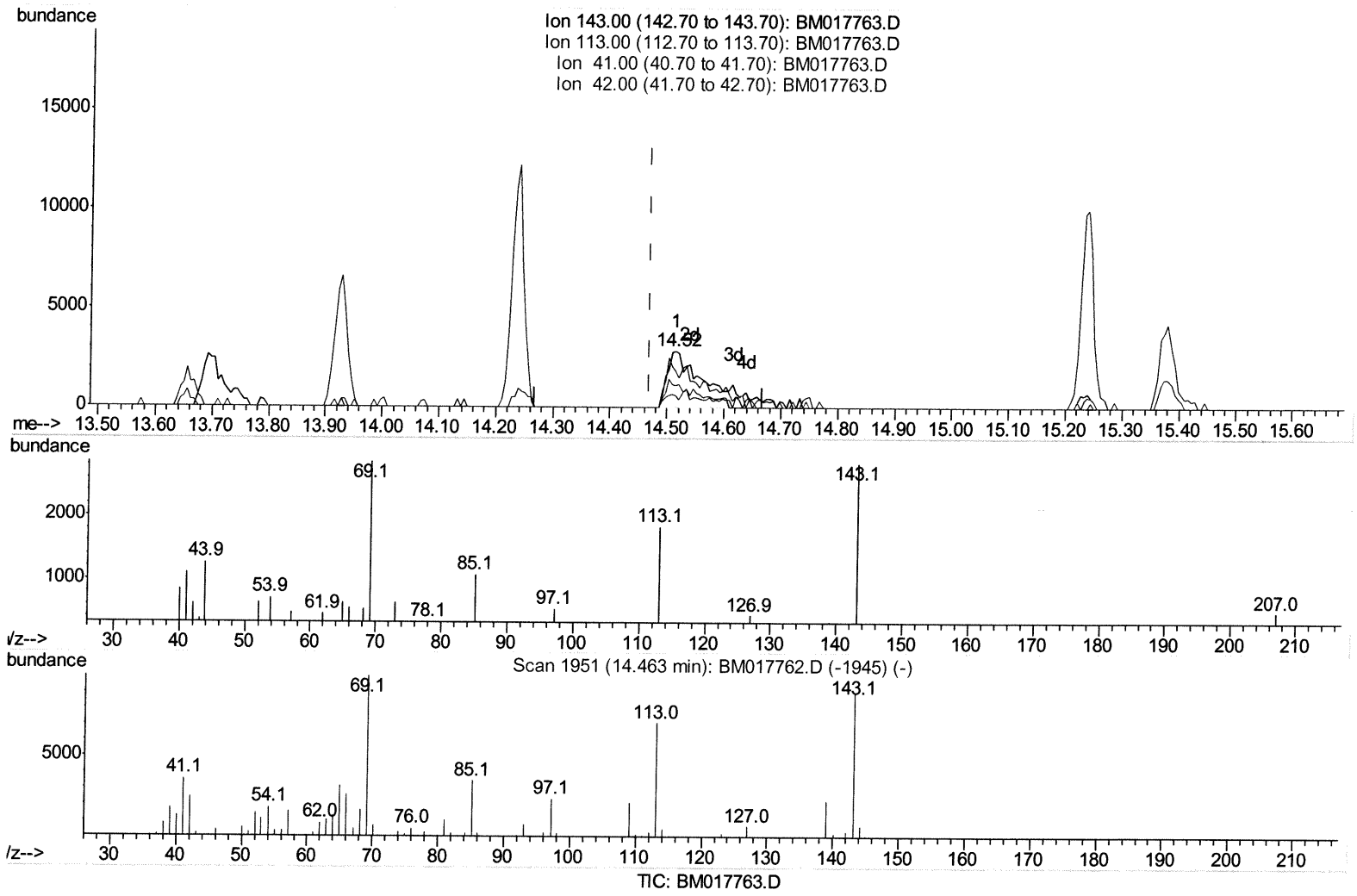
Ion	Exp%	Act%
143.00	100	100
113.00	79.10	64.43
41.00	40.10	38.52
42.00	26.80	21.69

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112618\
Data File : BM017763.D
Acq On : 26 Nov 2018 11:17
Operator : MJ/SJ
Sample : J6036-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 26 15:12:49 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 :
C0923DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:36 AM



(51) 4-Nitrophenol-d4 (S)

14.516min (+0.047) 1.85ng/ul m

response 14154

JJ 11/27/18

Ion	Exp%	Act%
143.00	100	100
113.00	79.10	64.43
41.00	40.10	38.52
42.00	26.80	21.69

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112618\
Data File : BM017763.D
Acq On : 26 Nov 2018 11:17
Operator : MJ/SJ
Sample : J6036-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0923DL

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:36 AM

Quant Time: Nov 27 10:00:47 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	185726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	821185	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	484447	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1142690	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1237927	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1208256	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2983	0.74	ng/uL	0.01
5) Phenol-d5	6.79	99	43959	2.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	138745	13.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	145885	10.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	85918	6.20	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	87864	13.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	100674	13.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	167054	12.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	2864m	0.24	ng/ul	0.04
43) Dimethylphthalate-d6	13.66	166	641467	15.26	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	749371	14.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	14154m	1.85	ng/ul	0.05
57) Fluorene-d10	15.24	176	554563	15.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	87240	10.68	ng/ul	0.00
70) Anthracene-d10	17.09	188	850965	14.96	ng/ul	0.00
78) Pyrene-d10	19.40	212	957517	15.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	953965	14.56	ng/ul	-0.01
Target Compounds						Qvalue
10) 2-Chlorophenol	7.16	128	18901	1.425	ng/ul	97
20) Nitrobenzene	8.79	77	864167	54.585	ng/ul	98
23) 2-Nitrophenol	9.49	139	7616	1.013	ng/ul	93
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	56561	3.493	ng/uL	97

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

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