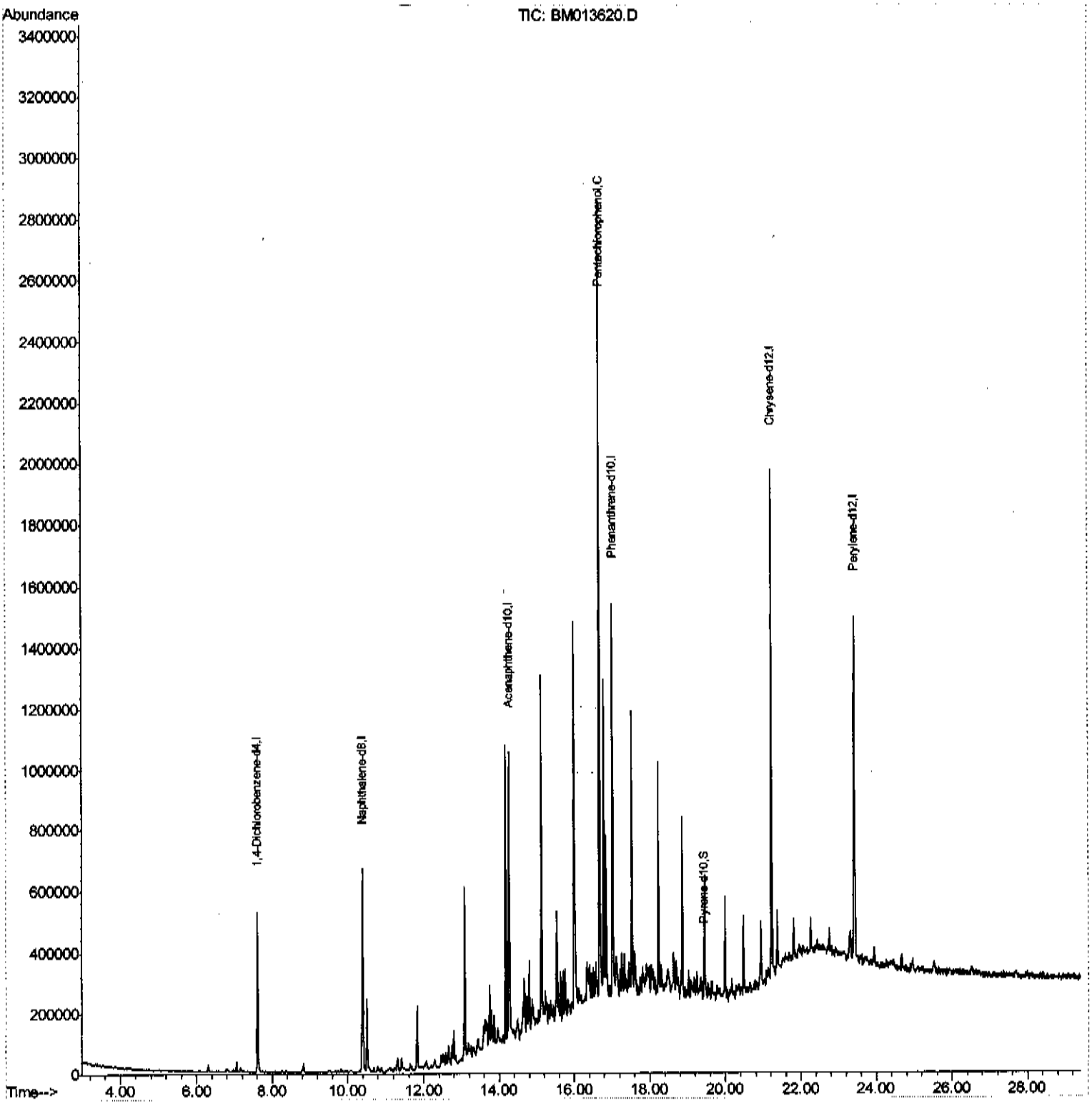
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 02:28:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM

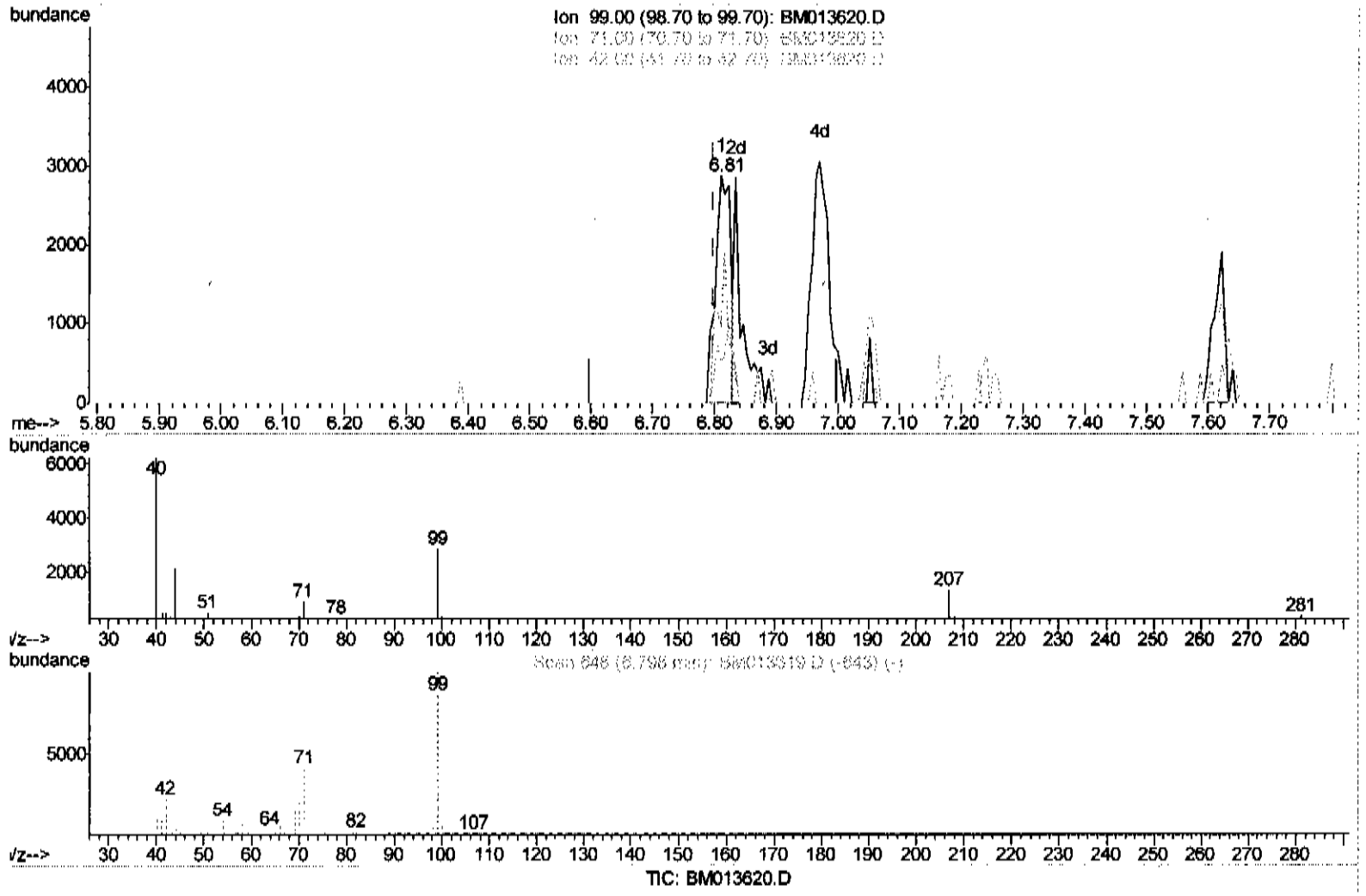


Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 00:59:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



TIC: BM013620.D

(5) Phenol-d5 (S)

6.810min (+0.012) 0.47ng/ul

response 4888

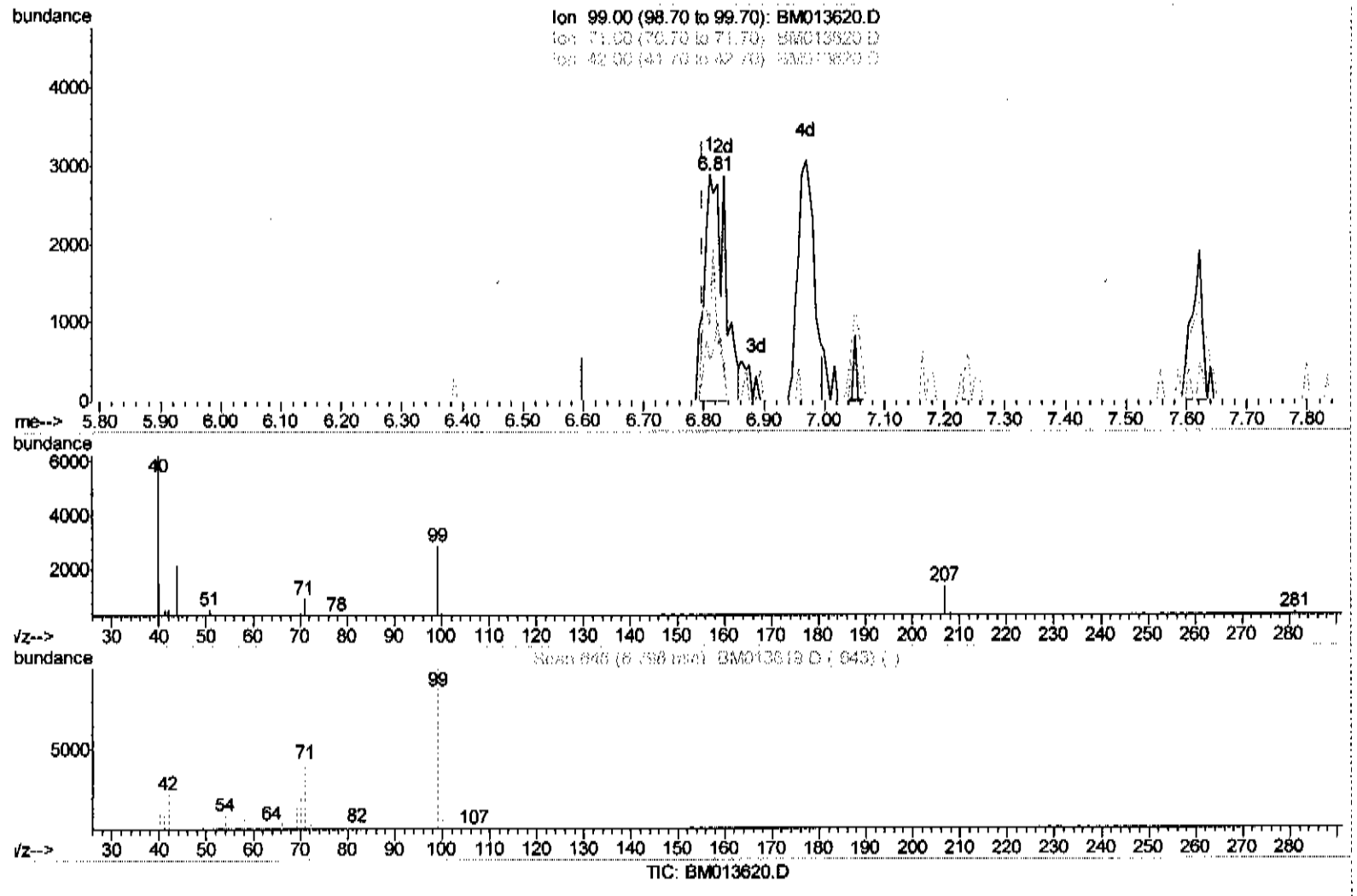
Ion	Exp%	Act%
99.00	100	100
71.00	55.00	32.96#
42.00	24.20	18.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 00:59:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



(5) Phenol-d5 (S)

6.810min (+0.012) 0.67ng/ul m JR 01/17/18

response 6901

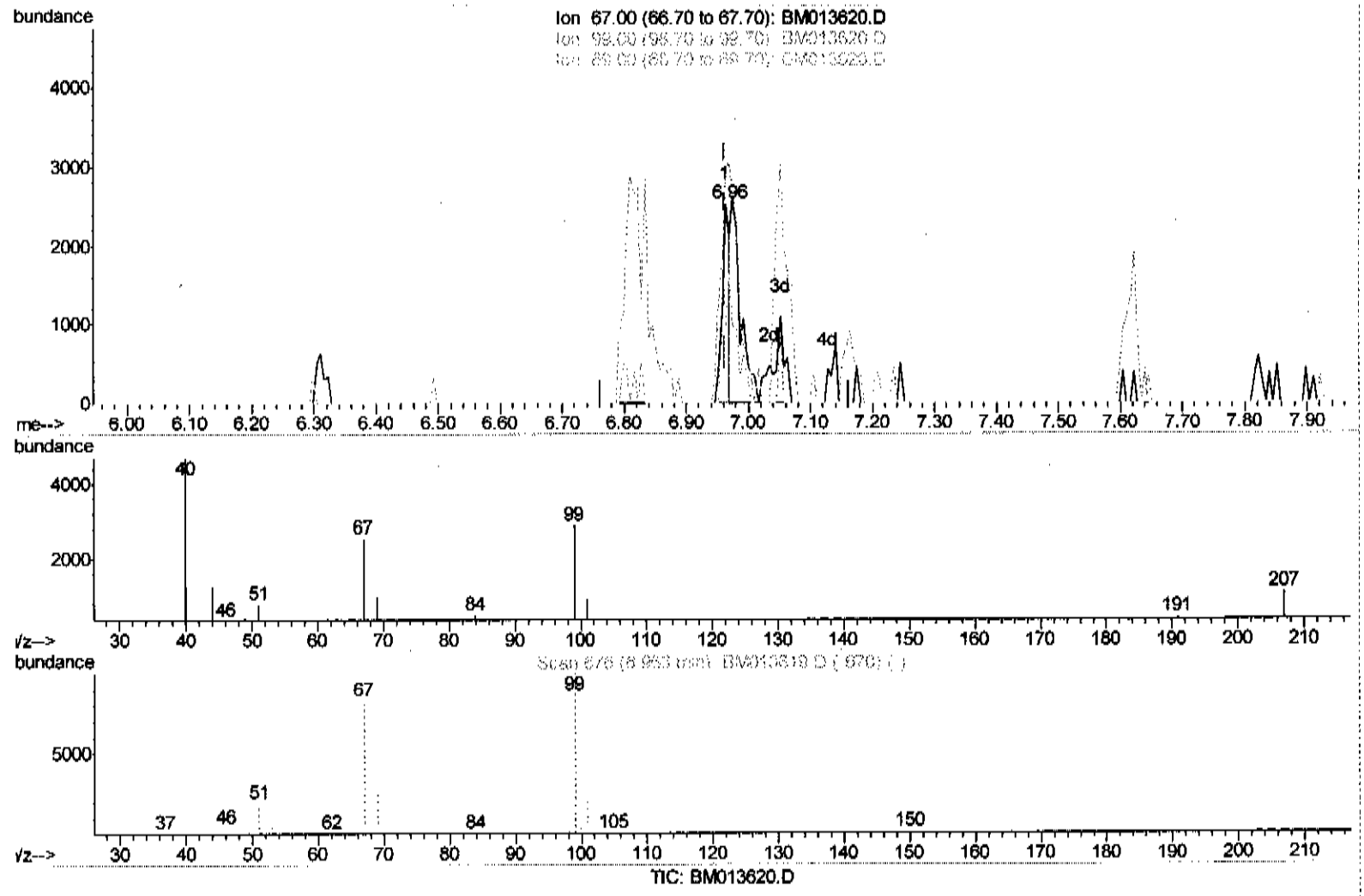
Ion	Exp%	Act%
99.00	100	100
71.00	55.00	32.96#
42.00	24.20	18.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:05:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.963min (0.000) 0.35ng/ul

response 2199

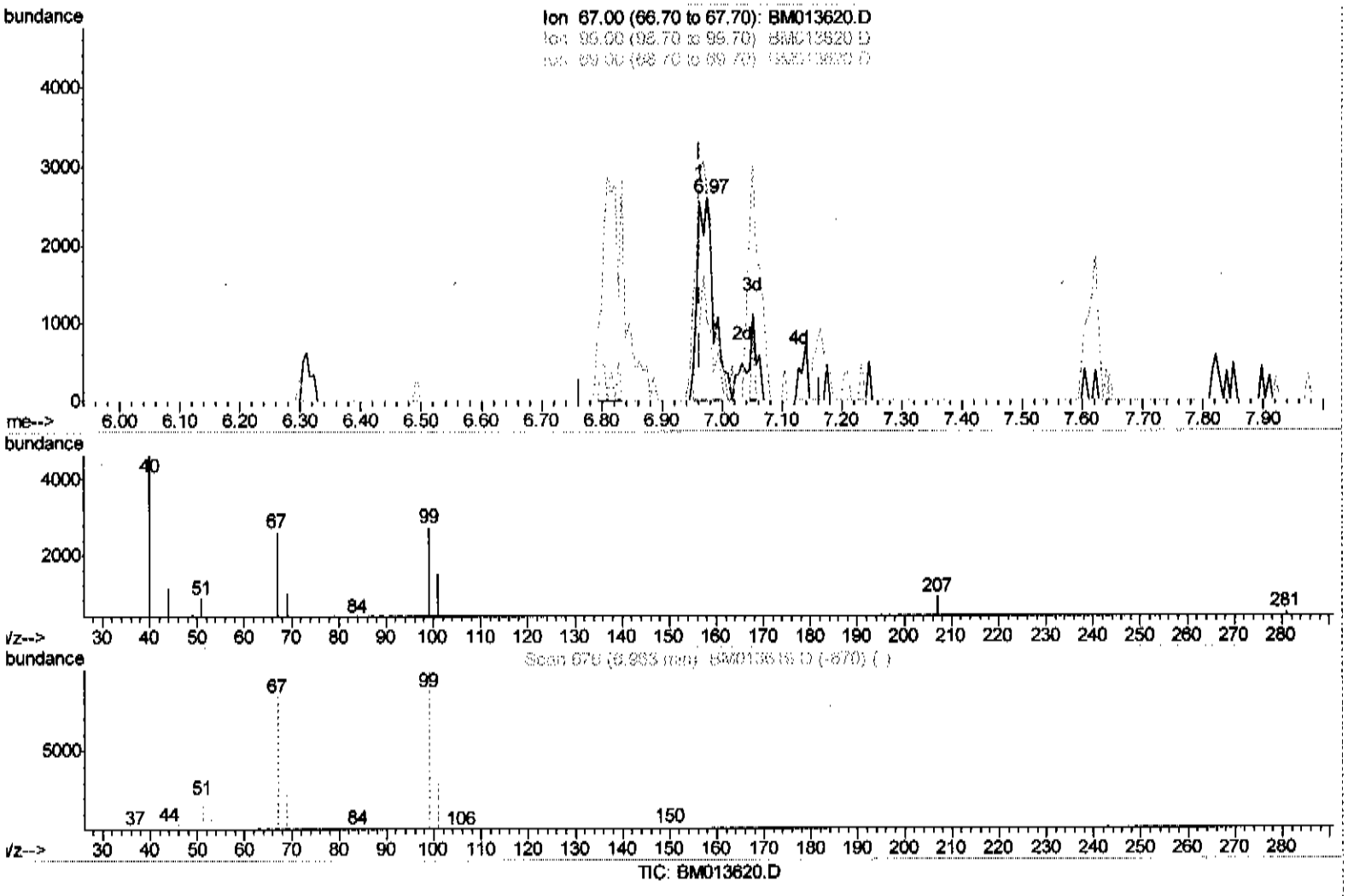
Ion	Exp%	Act%
67.00	100	100
99.00	112.80	113.62
69.00	36.30	37.68
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:05:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.975min (+0.012) 0.79ng/ul m JU 01/17/18

response 4951

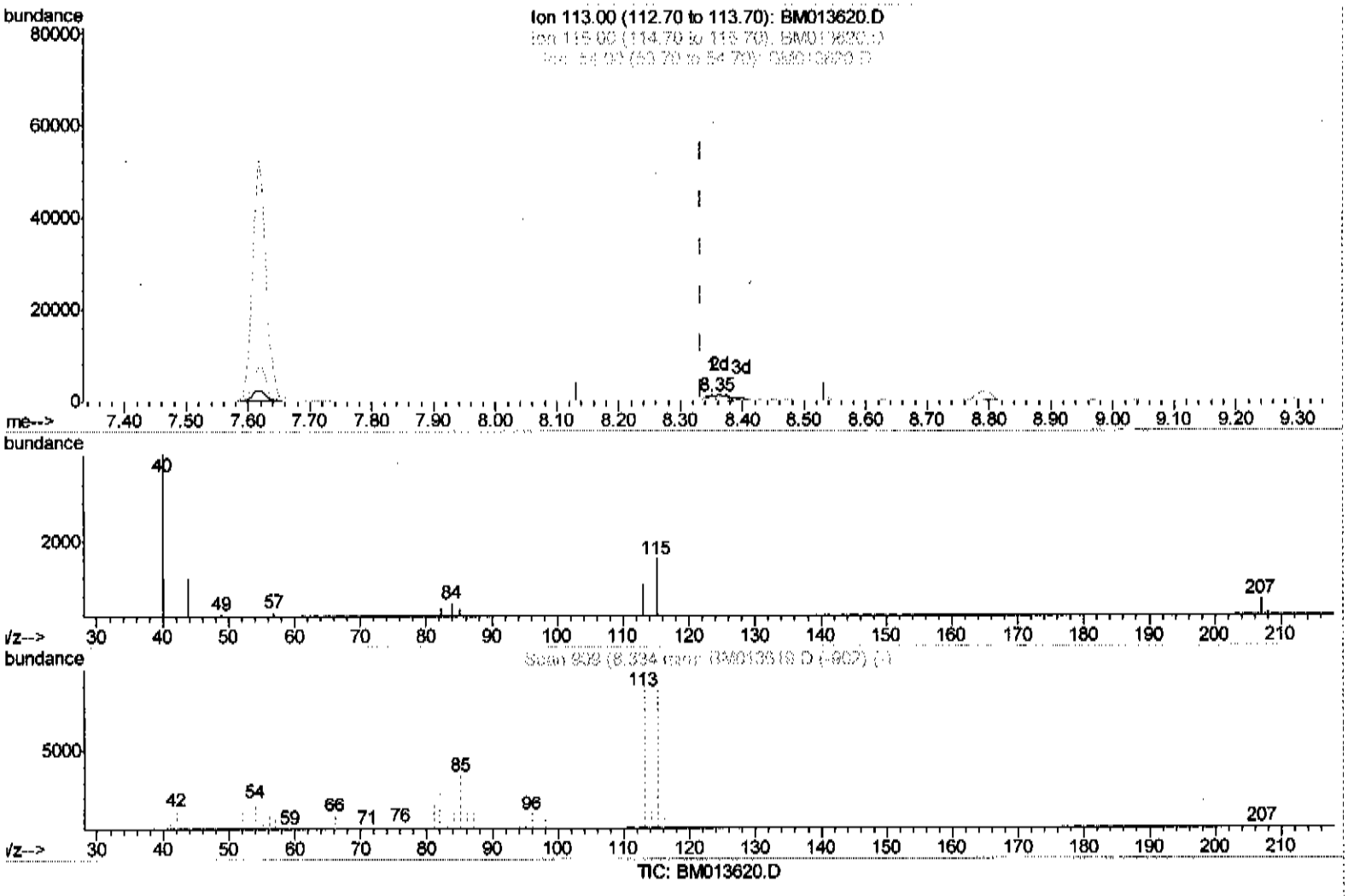
Ion	Exp%	Act%
67.00	100	100
99.00	112.80	104.00
69.00	36.30	37.90
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:06:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



(13) 4-Methylphenol-d8 (S)

8.351min (+0.018) 0.16ng/ul

response 1286

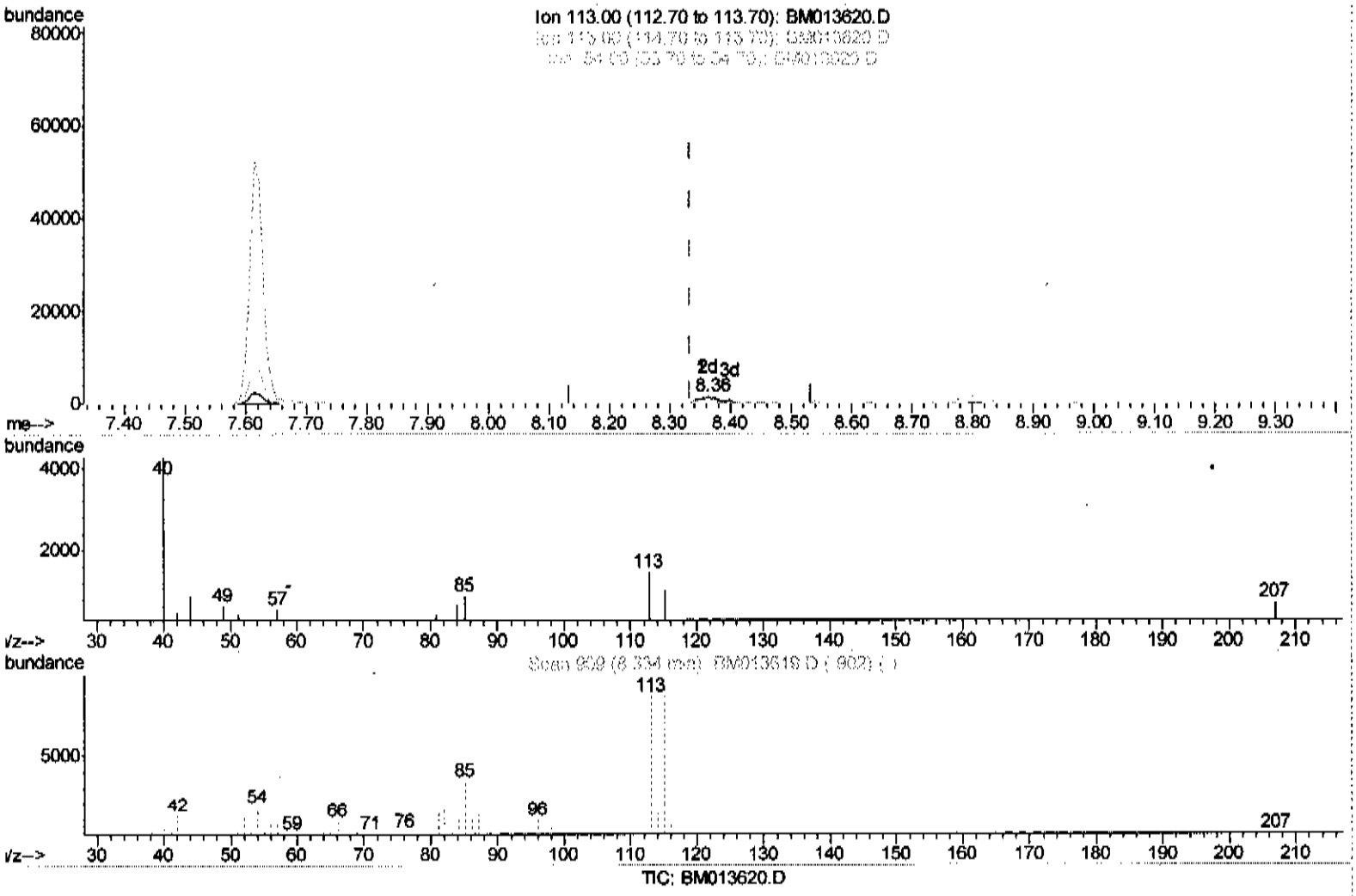
Ion	Exp%	Act%
113.00	100	100
115.00	88.30	151.47#
54.00	18.90	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:06:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



(13) 4-Methylphenol-d8 (S)

8.363min (+0.029) 0.45ng/ul m JU 01/17/18

response 3603

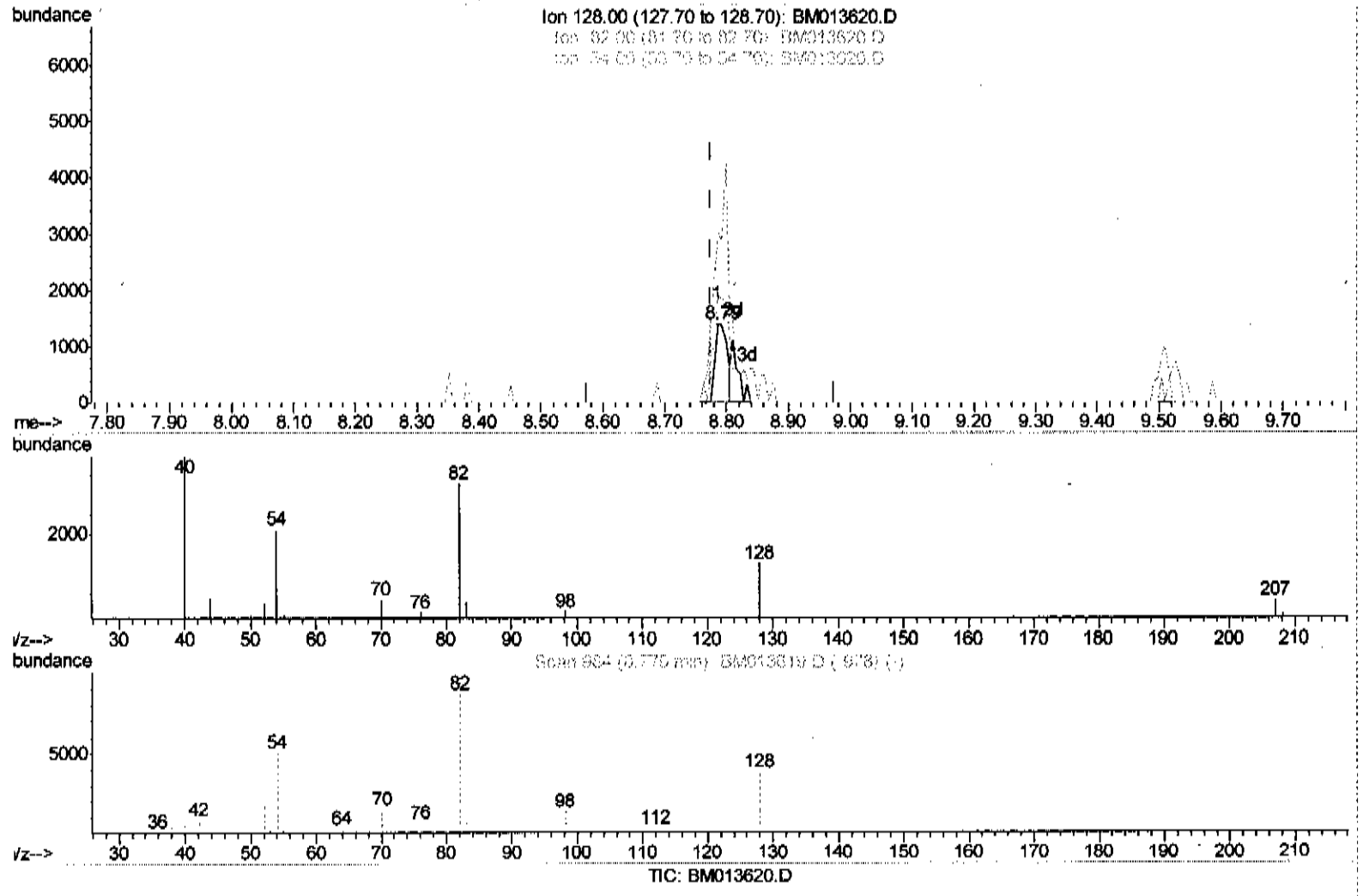
Ion	Exp%	Act%
113.00	100	100
115.00	88.30	69.88#
54.00	18.90	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:07:27 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



(19) Nitrobenzene-d5 (S)

8.787min (+0.012) 0.47ng/ul

response 1867

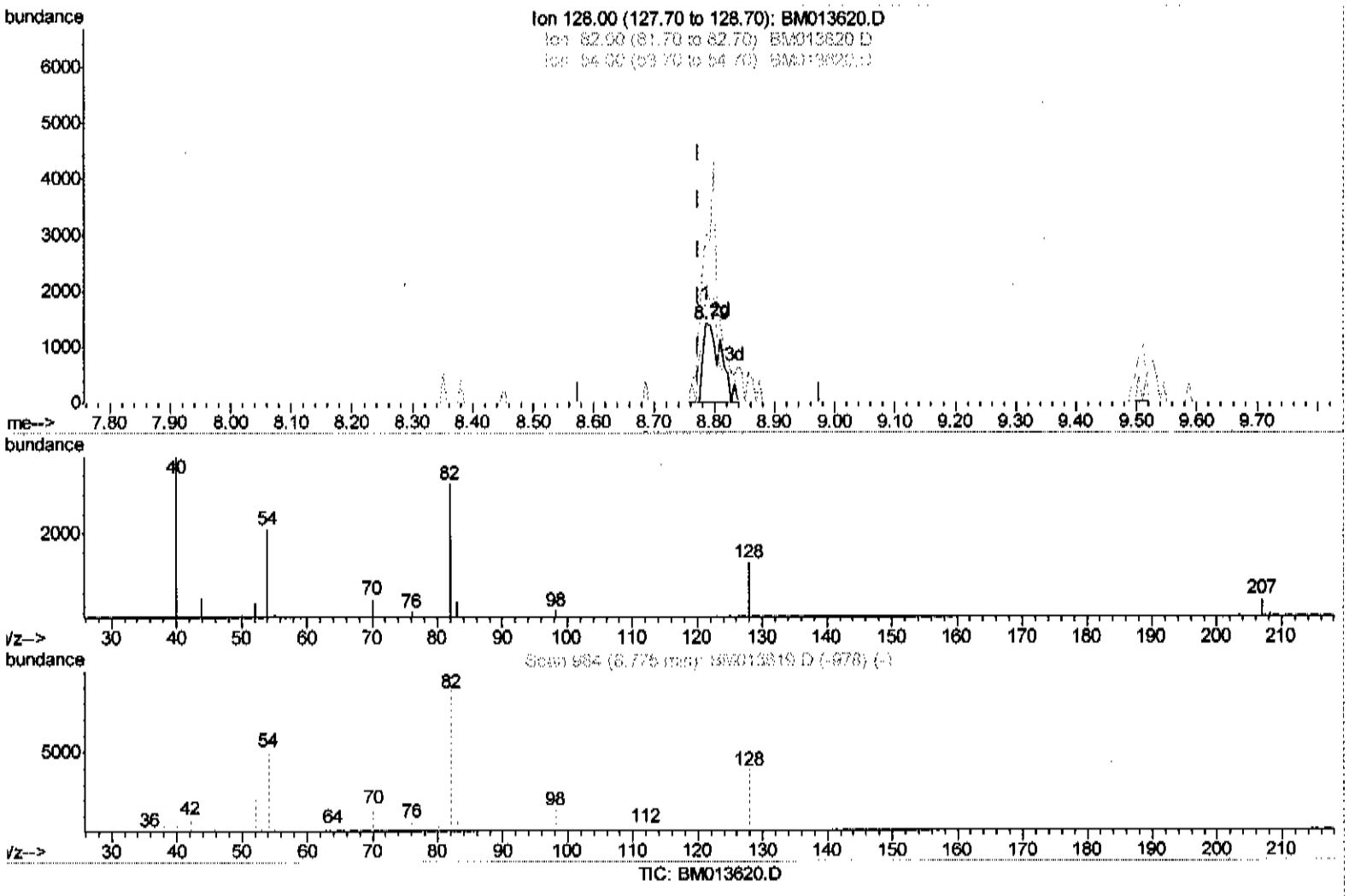
Ion	Exp%	Act%
128.00	100	100
82.00	297.40	214.92#
54.00	142.70	148.82
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:07:27 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



(19) Nitrobenzene-d5 (S)

8.787min (+0.012) 0.66ng/ul m

response 2654

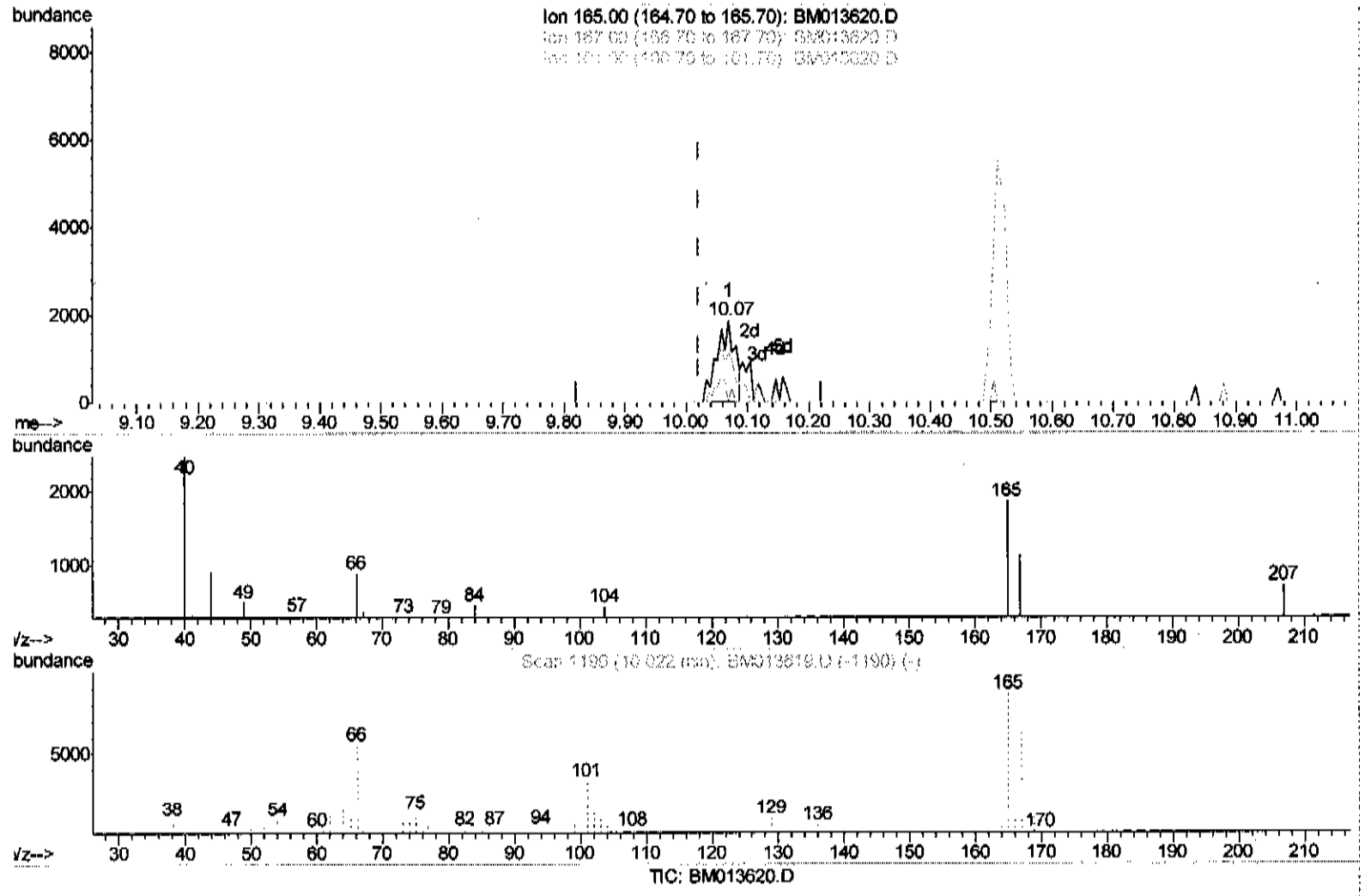
Ion	Exp%	Act%
128.00	100	100
82.00	297.40	214.92#
54.00	142.70	148.82
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:08:04 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



TIC: BM013620.D

(26) 2,4-Dichlorophenol-d3 (S)

10.069min (+0.047) 0.46ng/ul

response 3764

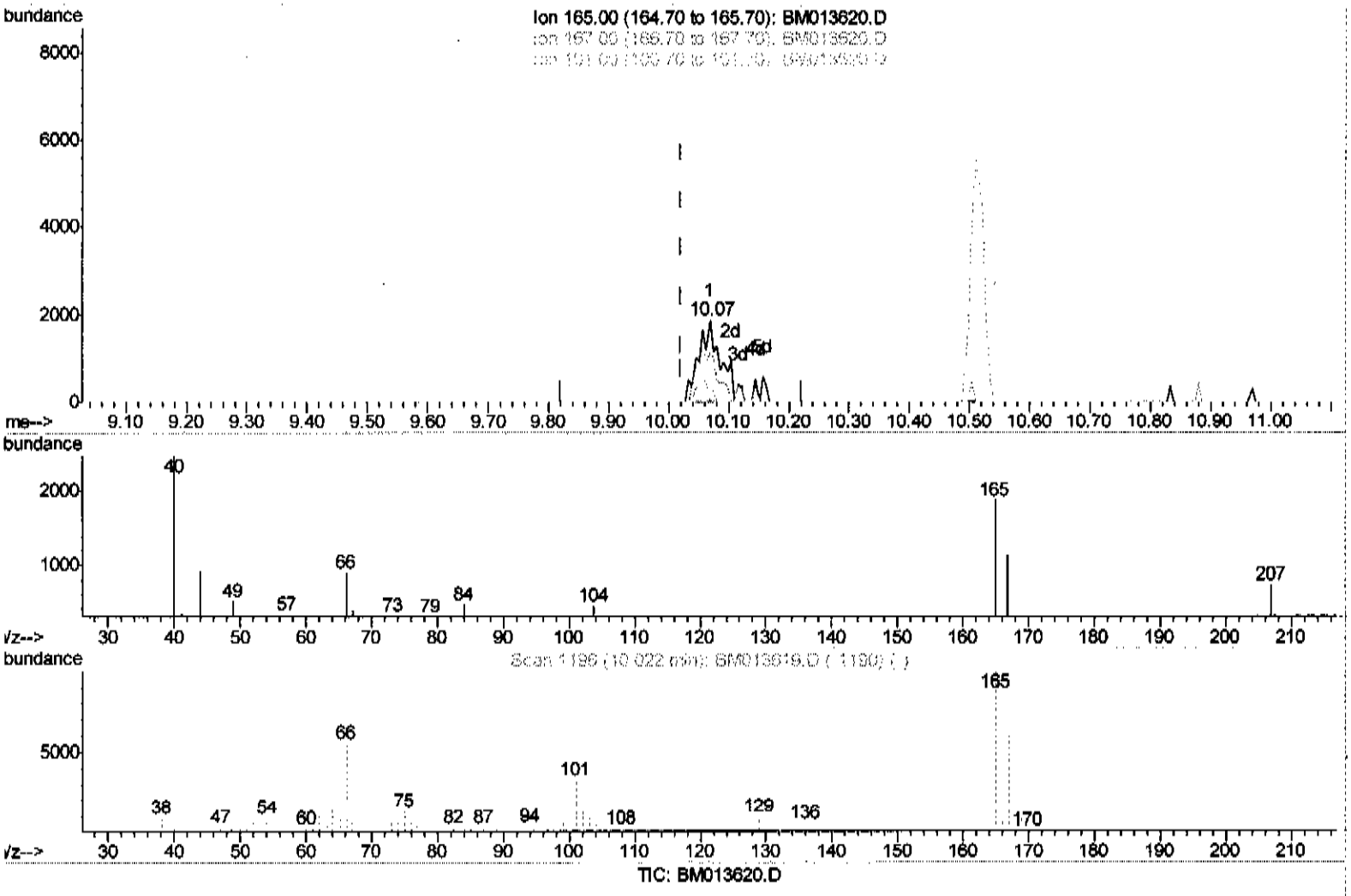
Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.23
101.00	29.30	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:08:04 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



TIC: BM013620.D

(26) 2,4-Dichlorophenol-d3 (S)

10.069min (+0.047) 0.57ng/ul m JU 01/17/18

response 4652

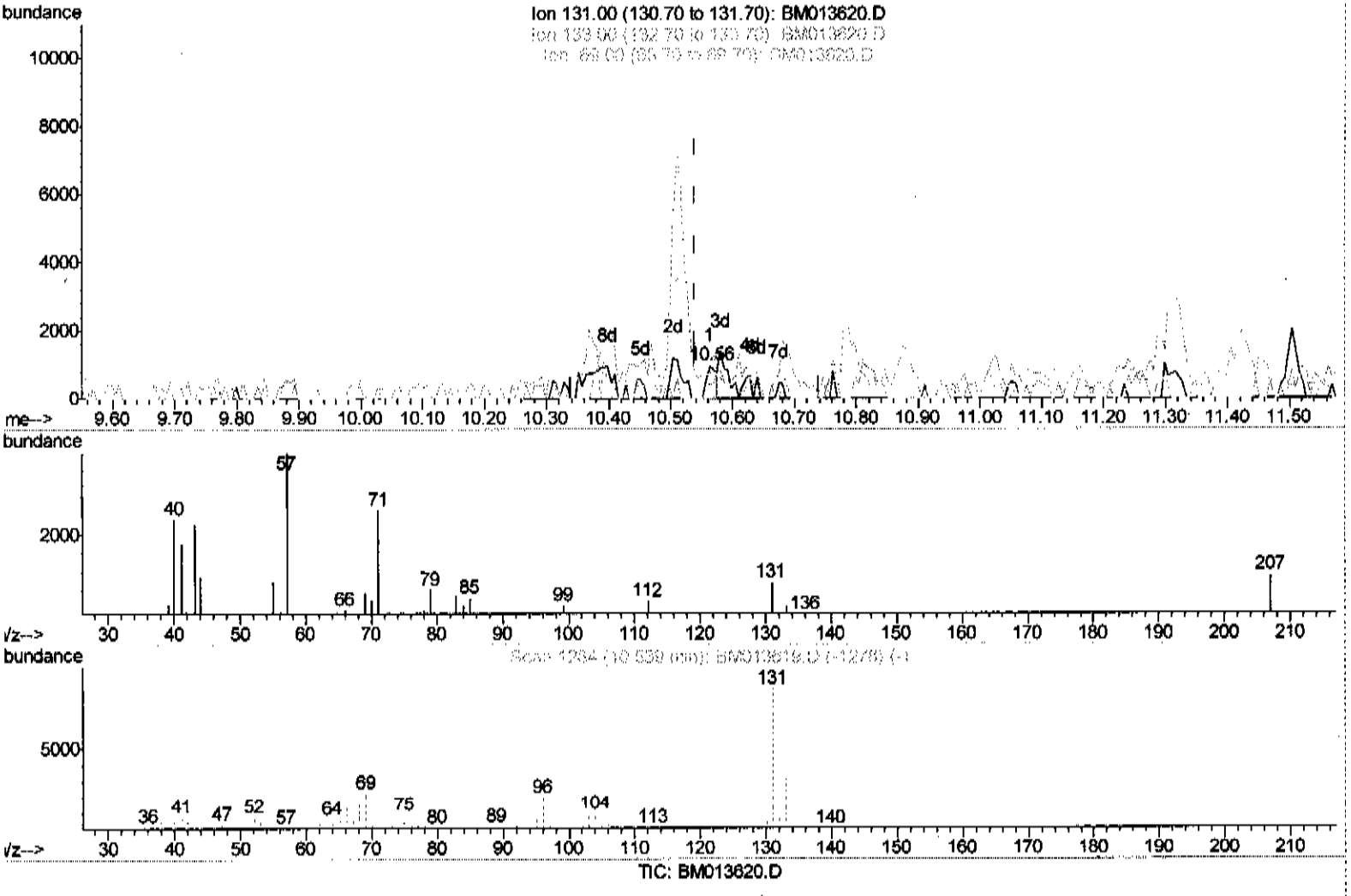
Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.23
101.00	29.30	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:08:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



TIC: BM013620.D

(29) 4-Chloroaniline-d4 (S)

10.563min (+0.024) 0.15ng/ul

response 1092

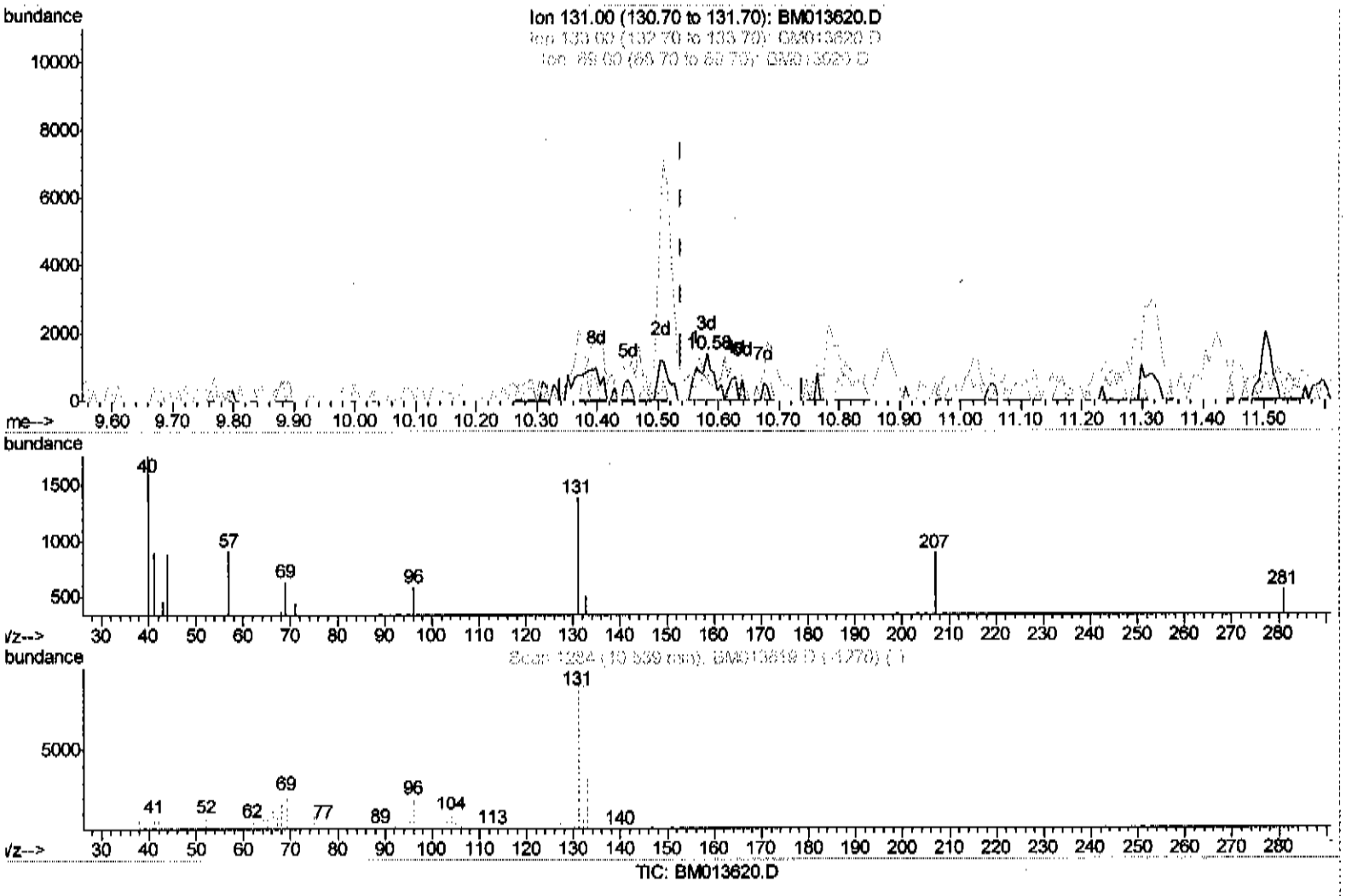
Ion	Exp%	Act%
131.00	100	100
133.00	31.40	44.74#
69.00	24.30	76.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 01:08:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM



TIC: BM013620.D

(29) 4-Chloroaniline-d4 (S)

10.581min (+0.041) 0.35ng/ul m

SJ 01/17/18

response 2453

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	36.44
69.00	24.30	45.55#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013620.D
Acq On : 16 Jan 2018 13:28
Operator : SJ/JU
Sample : J1079-02DL 30X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 02:28:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DAJJ3DL

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:07 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	134533	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	517115	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	289870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	681087	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	786281	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	812767	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	484	0.14	ng/uL	0.00
5) Phenol-d5	6.81	99	6901m	0.67	ng/ul	~~0.01~~ JU 01/17/18
7) Bis-(2-Chloroethyl)ether-d	6.97	67	4951m	0.79	ng/ul	0.01
9) 2-Chlorophenol-d4	7.16	132	6115	0.73	ng/ul	0.01
13) 4-Methylphenol-d8	8.36	113	3603m	0.45	ng/ul	~~0.03~~ JU 01/17/18
19) Nitrobenzene-d5	8.79	128	2654m	0.66	ng/ul	0.01
22) 2-Nitrophenol-d4	9.50	143	2874	0.68	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.07	165	4652m	0.57	ng/ul	~~0.05~~ JU 01/17/18
29) 4-Chloroaniline-d4	10.58	131	2453m	0.35	ng/ul	0.04
43) Dimethylphthalate-d6	13.69	166	21605	0.90	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	25469	0.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	91	0.02	ng/ul	0.00
57) Fluorene-d10	15.27	176	19938	0.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	3152	0.77	ng/ul	0.03
70) Anthracene-d10	17.12	188	32959	0.99	ng/ul	0.00
76) Pyrene-d10	19.42	212	39514	1.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	34910	0.93	ng/ul	0.00
Target Compounds						Qvalue
68) Pentachlorophenol	16.67	266	419540	91.178	ng/ul	98

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