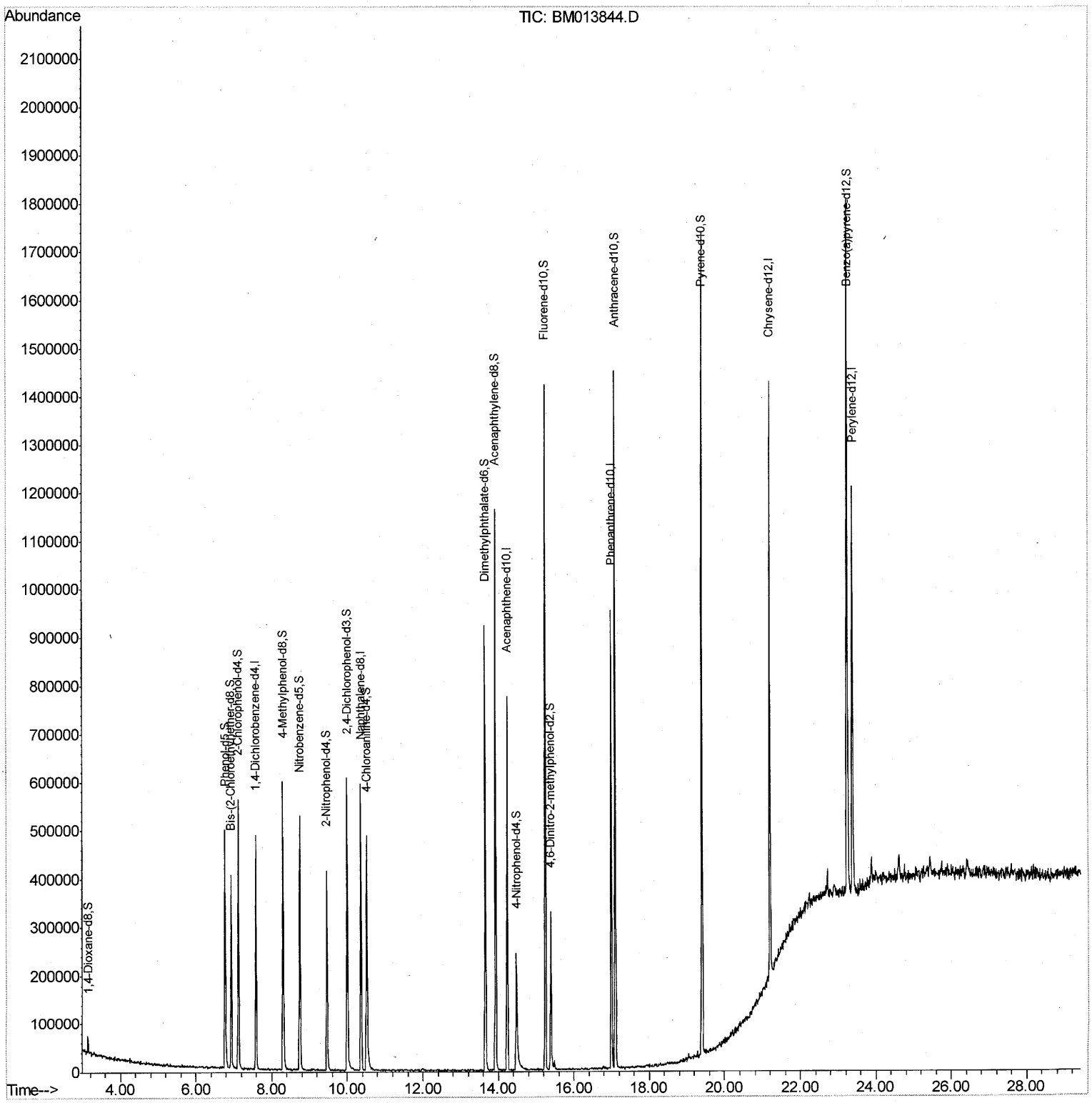
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013844.D
Acq On : 26 Jan 2018 15:19
Operator : SJ/JU
Sample : PB105940BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 26 23:21:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 22:49:32 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK40

Manual Integrations APPROVED
Sohil
1/29/2018 7:20:26 PM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013844.D
Acq On : 26 Jan 2018 15:19
Operator : SJ/JU
Sample : PB105940BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 26 22:53:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 22:49:32 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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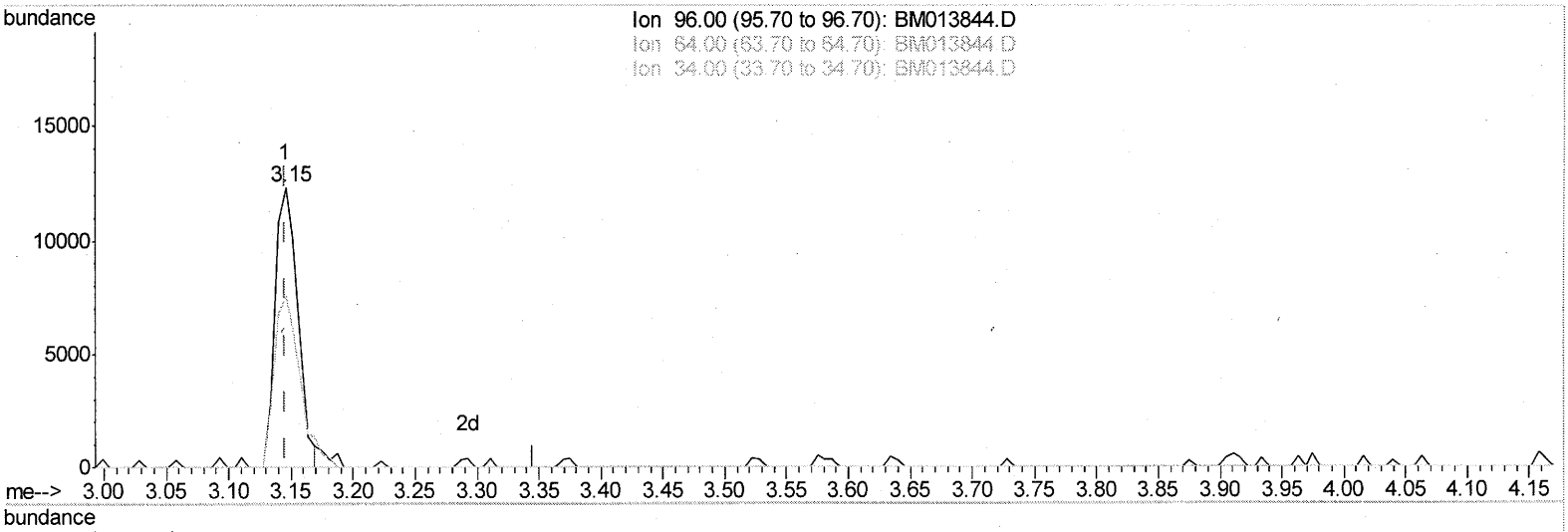
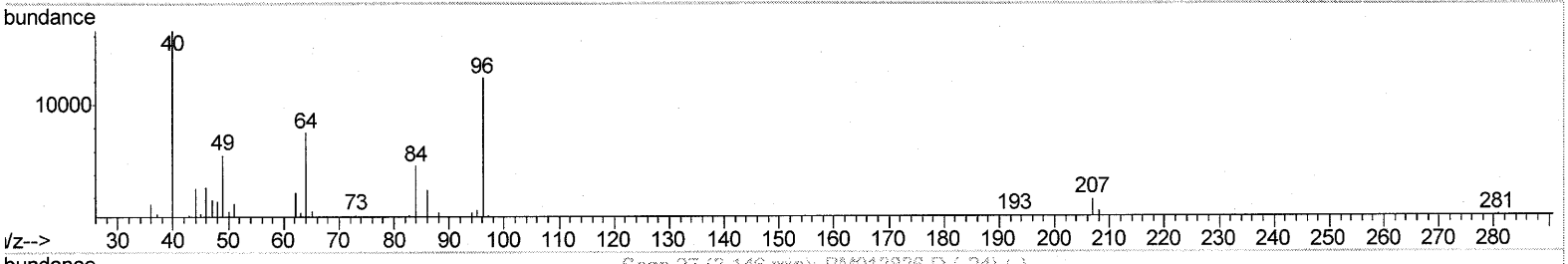
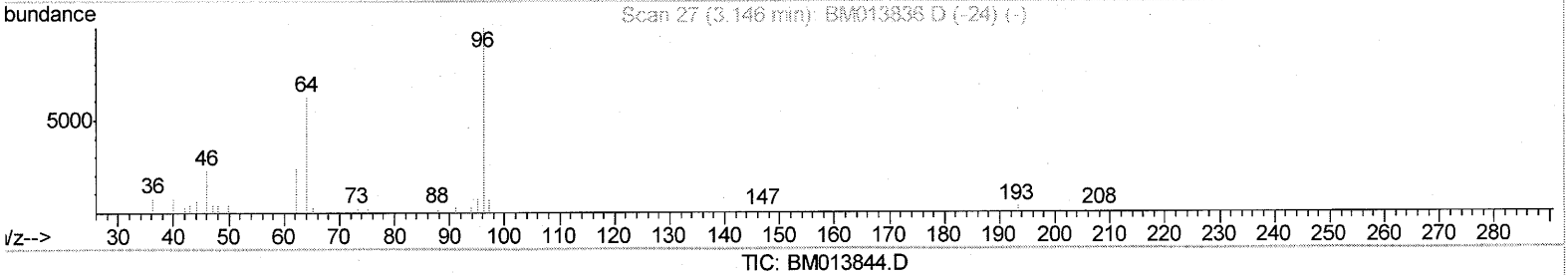
Manual Integrations APPROVED
Sohil
1/29/2018 7:20:26 PM







TIC: BM013844.D

(3) 1,4-Dioxane-d8 (S)

3.146min (+0.000) 5.37ng/uL

response 15571

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.40
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013844.D
Acq On : 26 Jan 2018 15:19
Operator : SJ/JU
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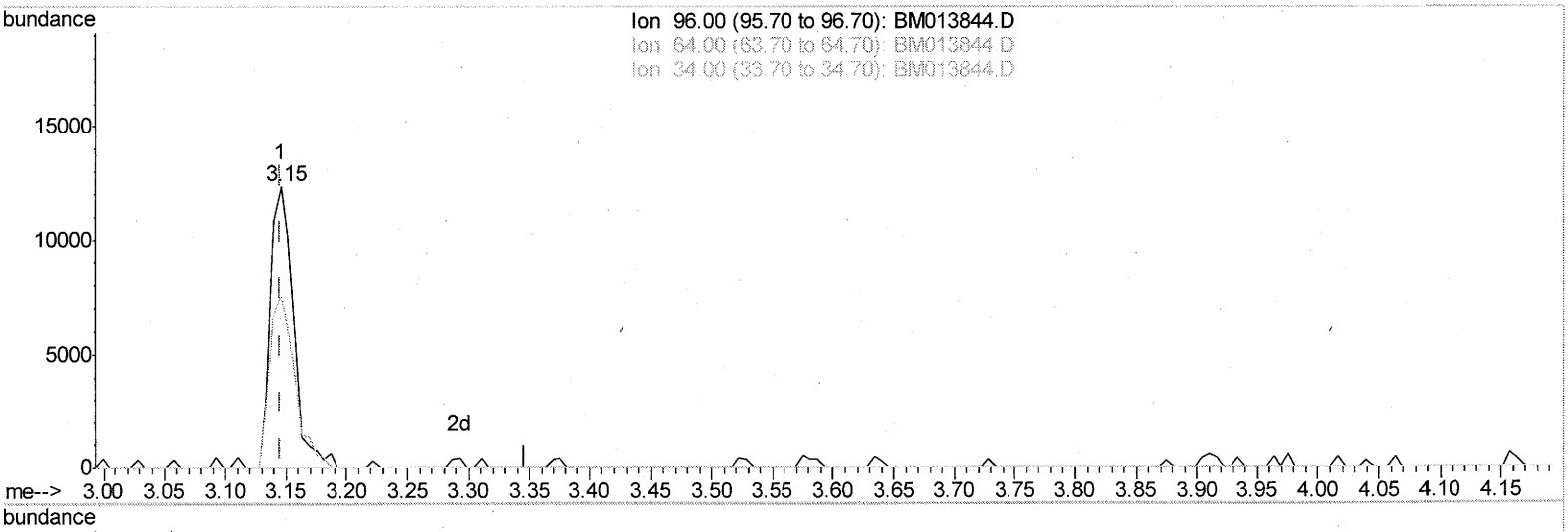
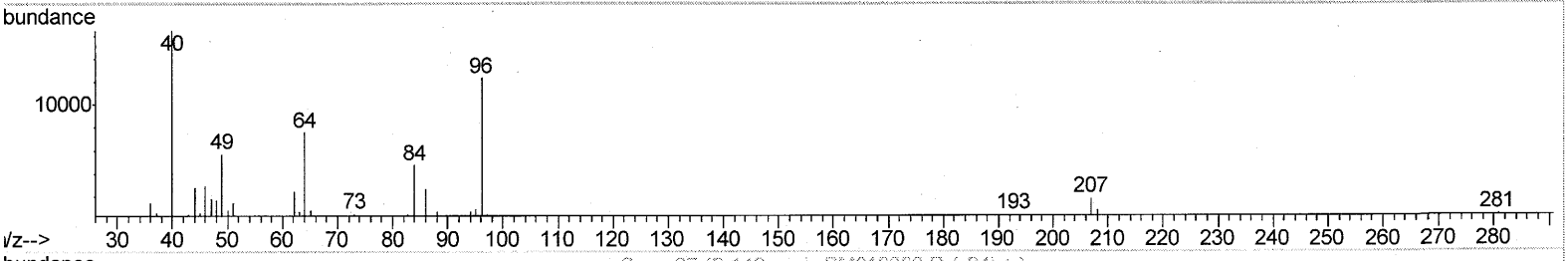
Misc :
ALS Vial : 10 Sample Multiplier: 1

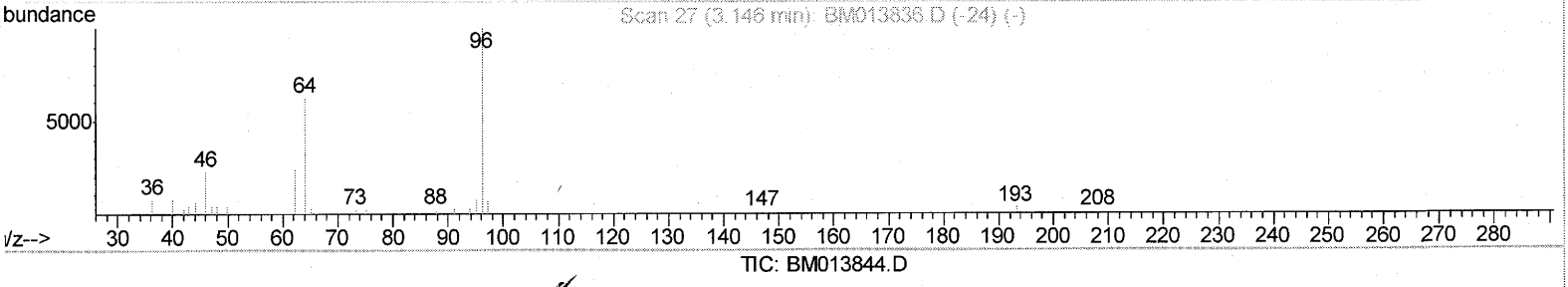
Quant Time: Jan 26 22:53:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 22:49:32 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK40

Manual Integrations APPROVED
Sohil
1/29/2018 7:20:26 PM







TIC: BM013844.D

(3) 1,4-Dioxane-d8 (S)

3.146min (+0.000) 5.57ng/uL m

JU 01/29/18

response 16171

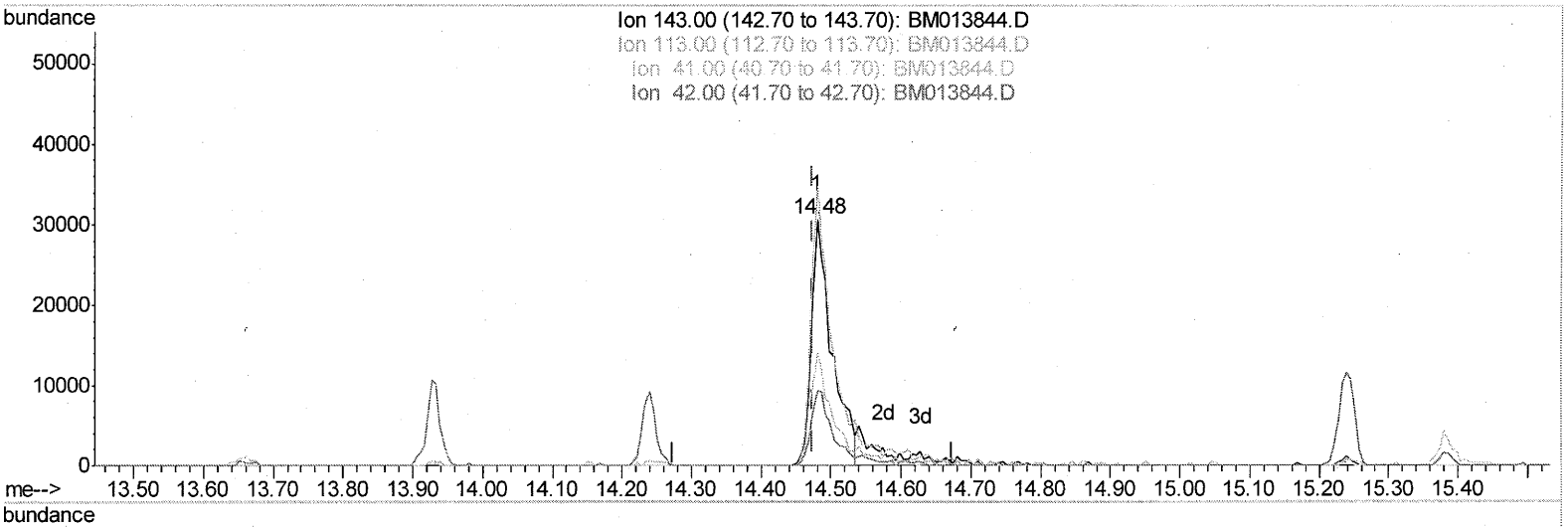
Ion	Exp%	Act%
96.00	100	100
64.00	74.90	67.79
34.00	0.00	0.00
0.00	0.00	0.00

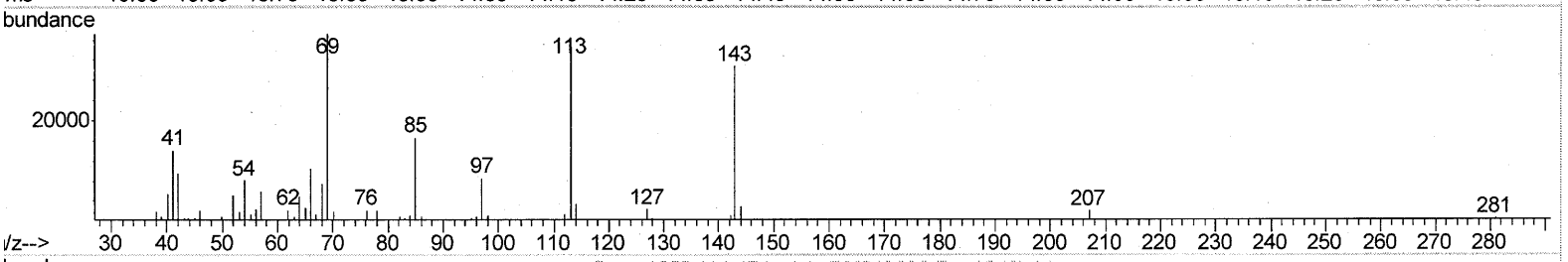
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013844.D
Acq On : 26 Jan 2018 15:19
Operator : SJ/JU
Sample : PB105940BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

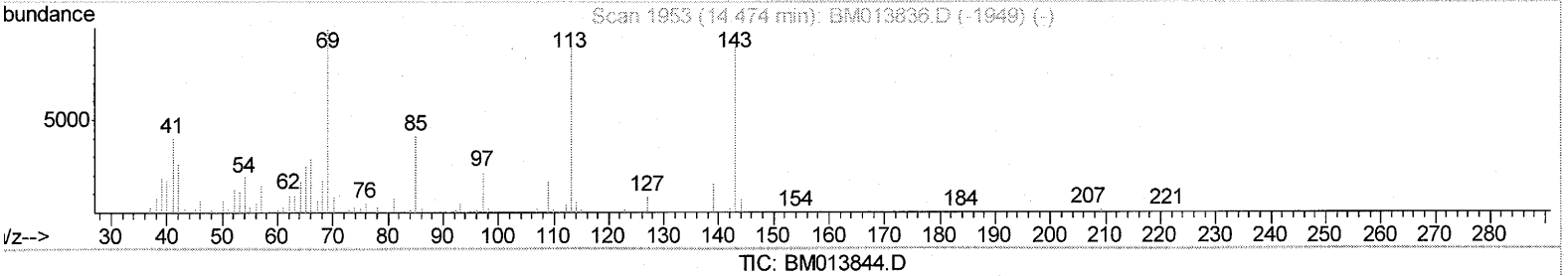
Quant Time: Jan 26 23:20:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 22:49:32 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK40

Manual Integrations APPROVED
Sohil
1/29/2018 7:20:26 PM







TIC: BM013844.D

(51) 4-Nitrophenol-d4 (S)

14.480min (+0.006) 19.48ng/ul

response 62415

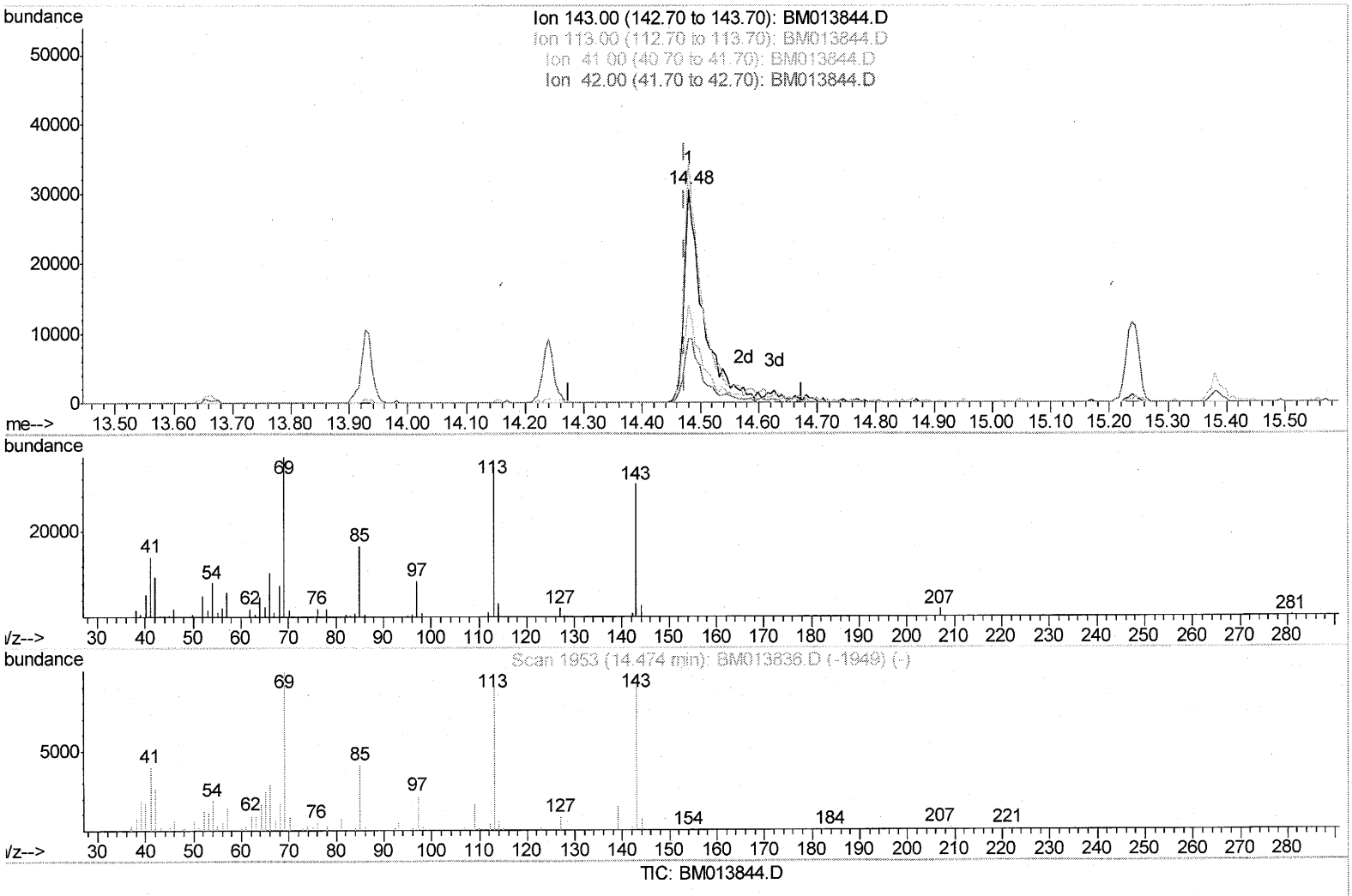
Ion	Exp%	Act%
143.00	100	100
113.00	114.60	113.10
41.00	34.80	45.67#
42.00	20.50	30.55#

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013844.D
Acq On : 26 Jan 2018 15:19
Operator : SJ/JU
Sample : PB105940BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 26 23:20:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 22:49:32 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK40

Manual Integrations APPROVED
Sohil
1/29/2018 7:20:26 PM



TIC: BM013844.D

(51) 4-Nitrophenol-d4 (S)

14.480min (+0.006) 21.91ng/ul m

response 70202

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	113.10
41.00	34.80	45.67#
42.00	20.50	30.55#

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013844.D
Acq On : 26 Jan 2018 15:19
Operator : SJ/JU
Sample : PB105940BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 26 23:21:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 22:49:32 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SBLK40

Manual Integrations APPROVED
Sohil
1/29/2018 7:20:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	114711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	437897	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	239223	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	540881	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	615677	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	647944	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	16171m	5.57	ng/uL	0.00
5) Phenol-d5	6.77	99	256119	29.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	156056	29.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	219826	30.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	208282	30.77	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	105489	31.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	108251	30.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	203734	29.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	255184	42.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	615688	31.23	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	780902	31.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	70202m	21.91	ng/ul	0.00
57) Fluorene-d10	15.24	176	525934	30.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	74982	23.03	ng/ul	0.00
70) Anthracene-d10	17.09	188	792264	30.07	ng/ul	0.00
76) Pyrene-d10	19.40	212	897509	31.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	951871	31.96	ng/ul	0.00

Target Compounds	Qvalue

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

JU 1/29/18