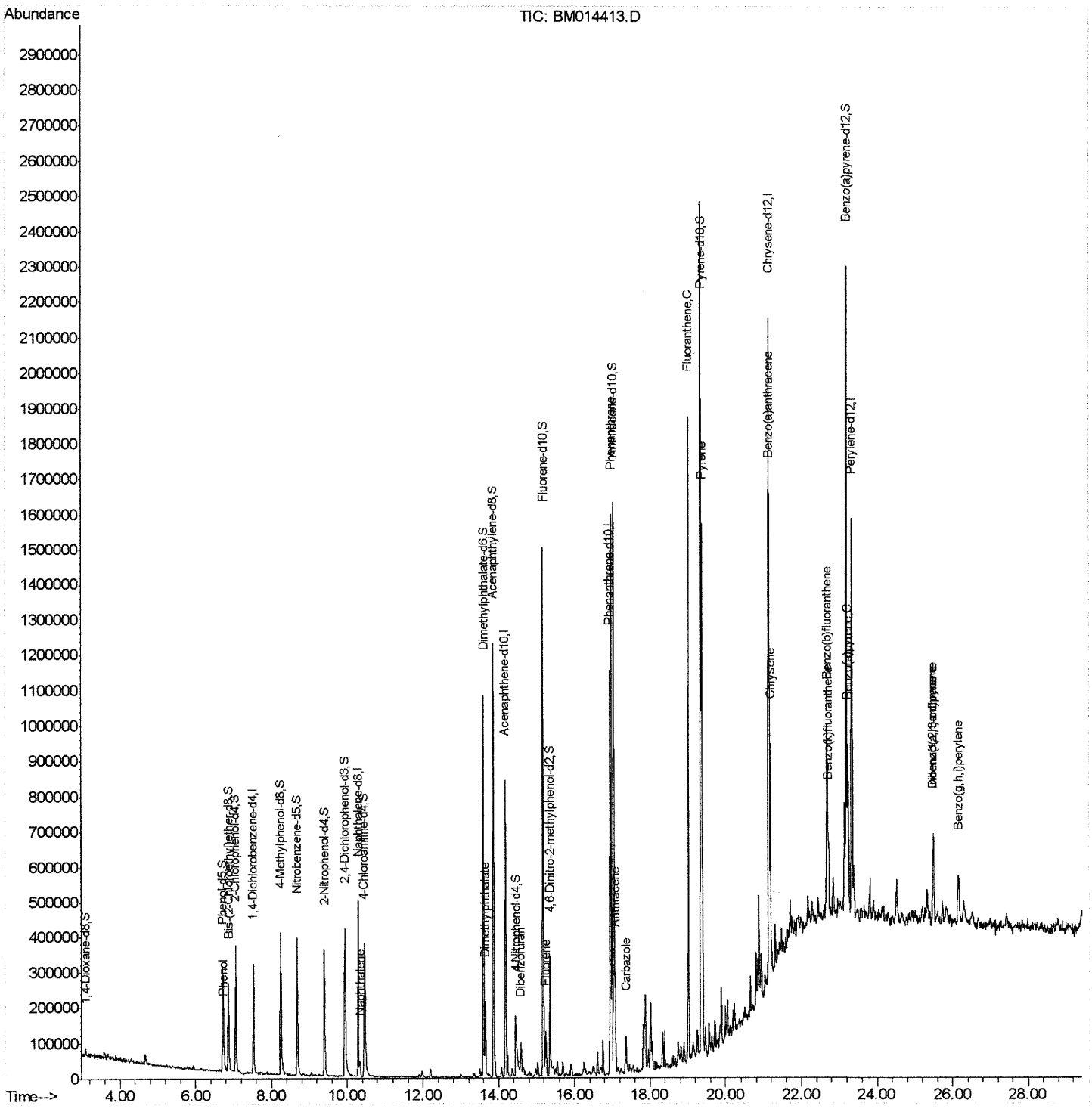
Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014413.D
Acq On : 28 Feb 2018 21:56
Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:49:42 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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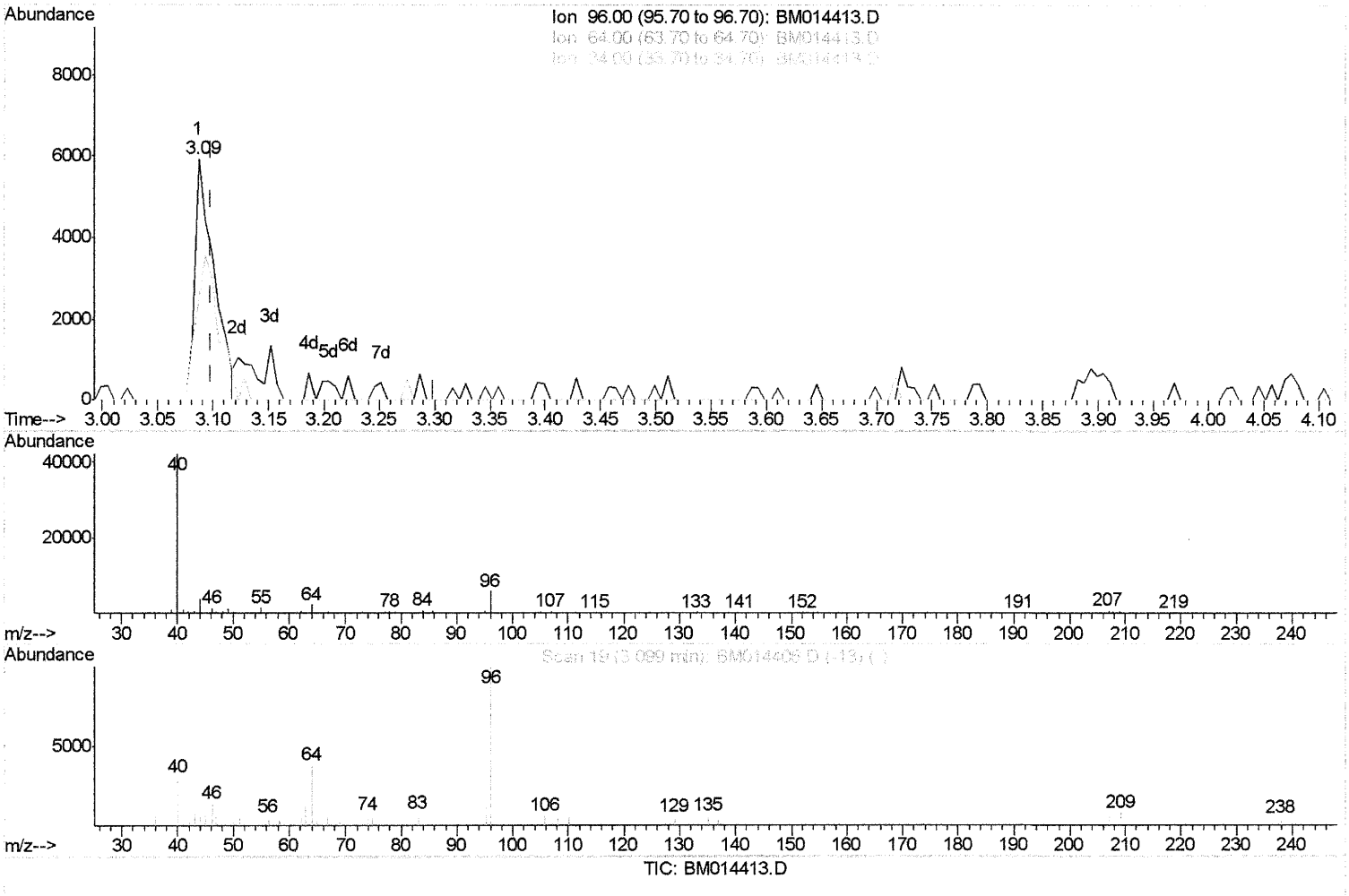
Acq On : 28 Feb 2018 21:56
Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 00:48:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
Response via : Initial Calibration



TIC: BM014413.D

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

3.087min (-0.012) 4.10ng/uL

response 7091

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	71.33
34.00	0.00	0.00
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
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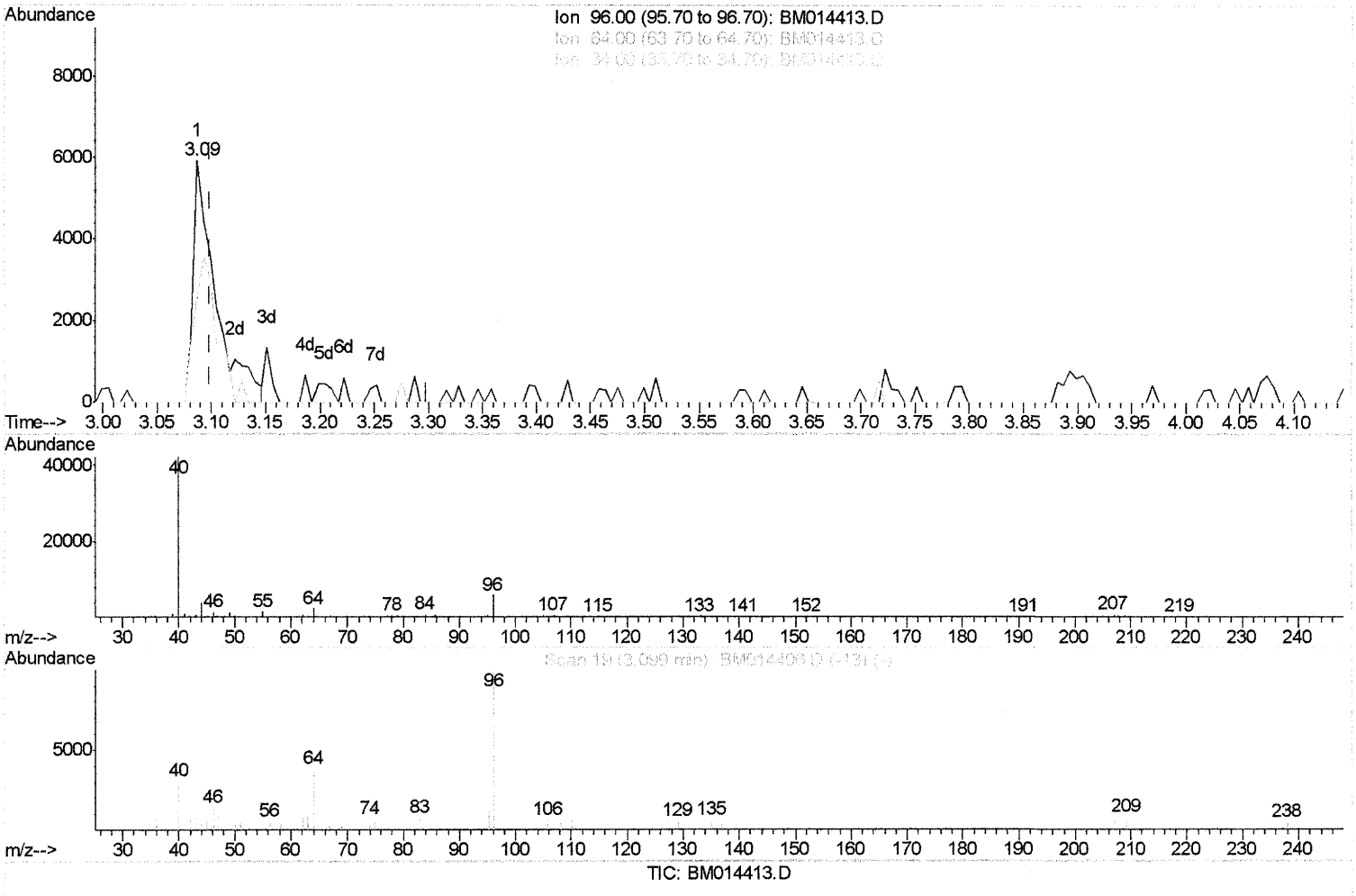


TIC: BM014413.D

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

3.087min (-0.012) 4.85ng/uL m SJ 3/2/18

response 8399

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	60.22
34.00	0.00	0.00
0.00	0.00	0.00

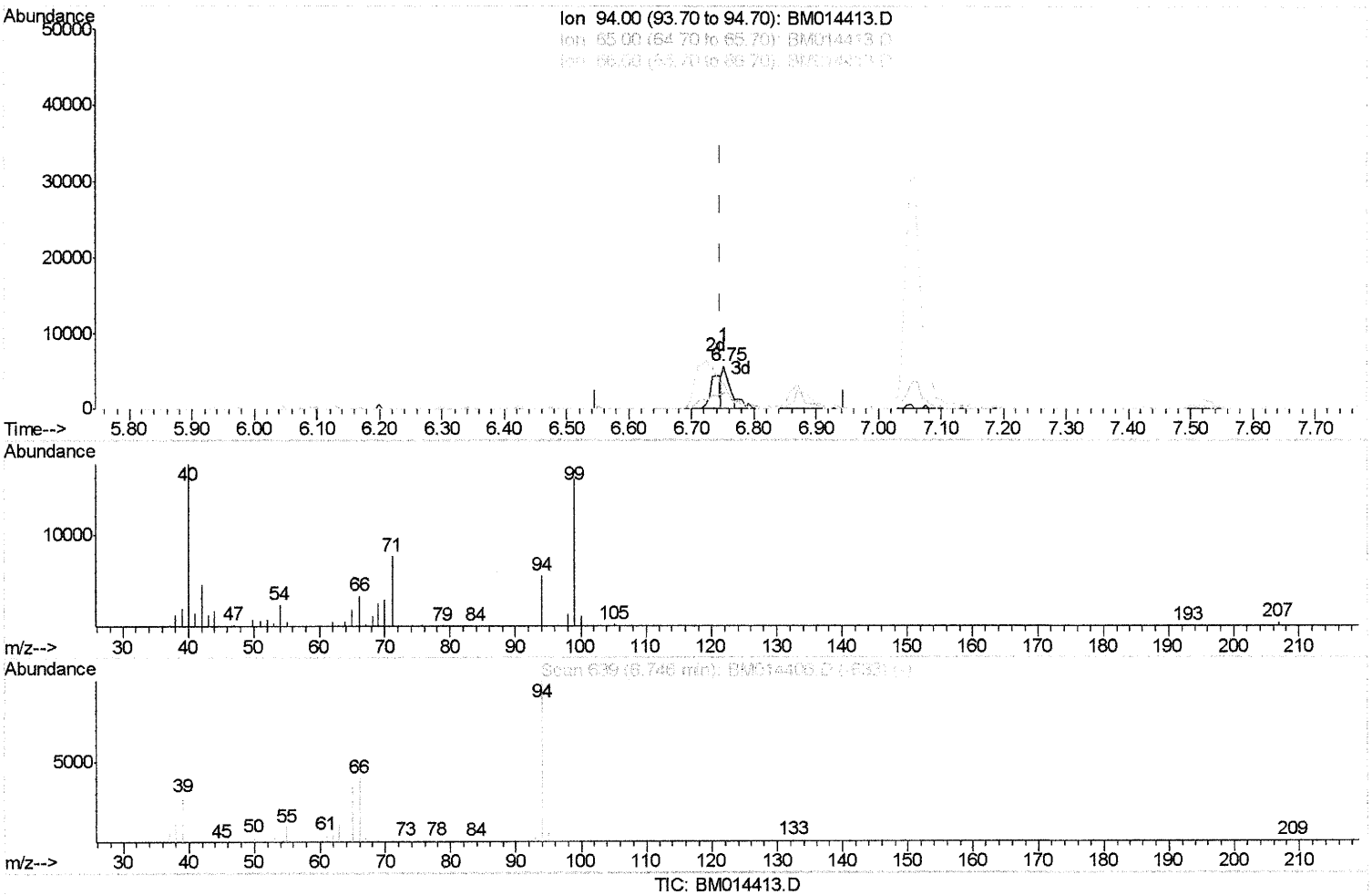
Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014413.D
Acq On : 28 Feb 2018 21:56
Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:45:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
Response via : Initial Calibration



TIC: BM014413.D

(6) Phenol

6.751min (+0.006) 0.68ng/ul

response 4500

Ion	Exp%	Act%
94.00	100	100
65.00	35.30	35.98
66.00	59.00	62.92
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:45:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
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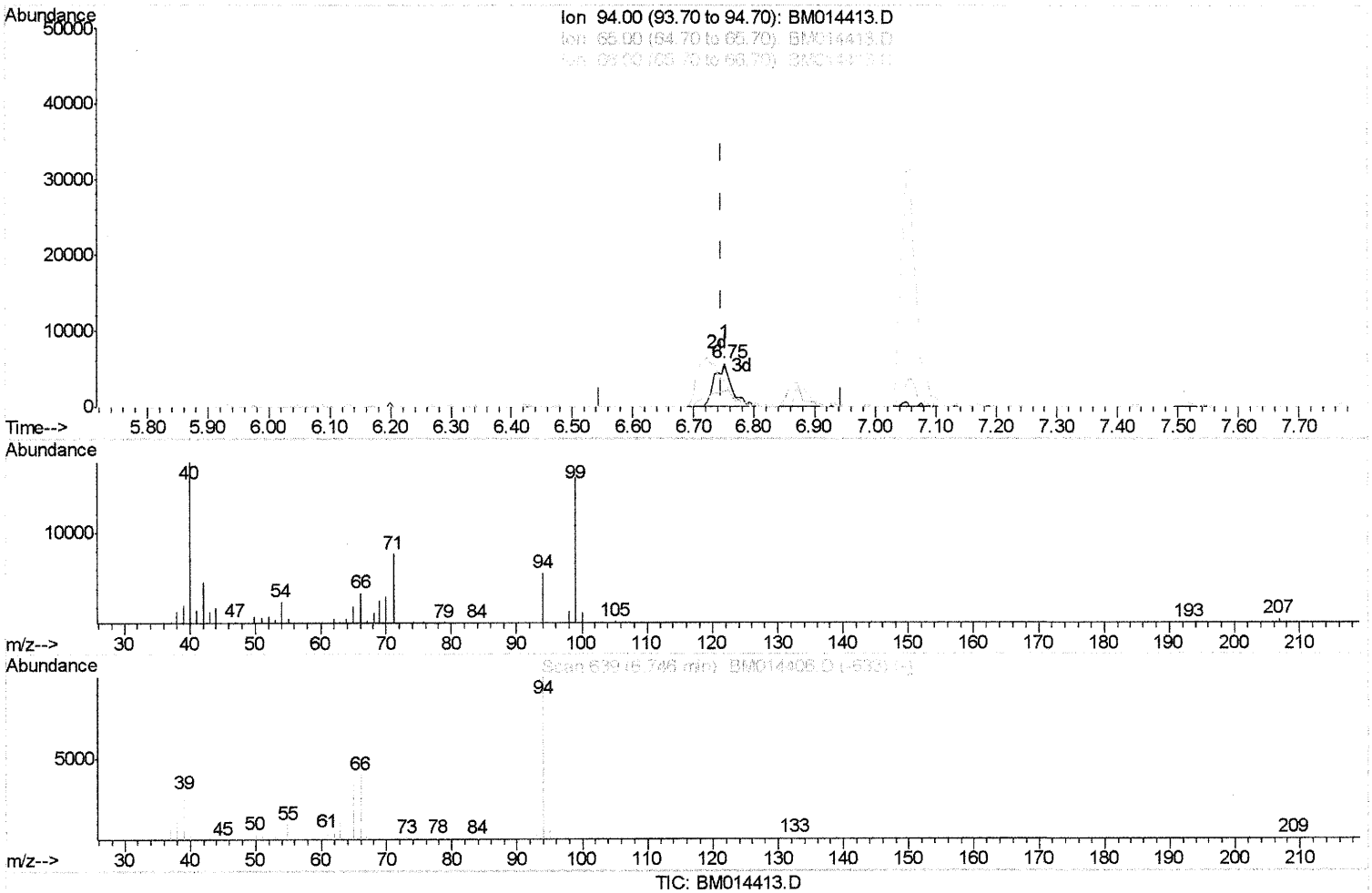

TIC: BM014413.D

(6) Phenol

6.751min (+0.006) 1.69ng/ul m SJ 3/2/18

response 11105

Ion	Exp%	Act%
94.00	100	100
65.00	35.30	35.98
66.00	59.00	62.92
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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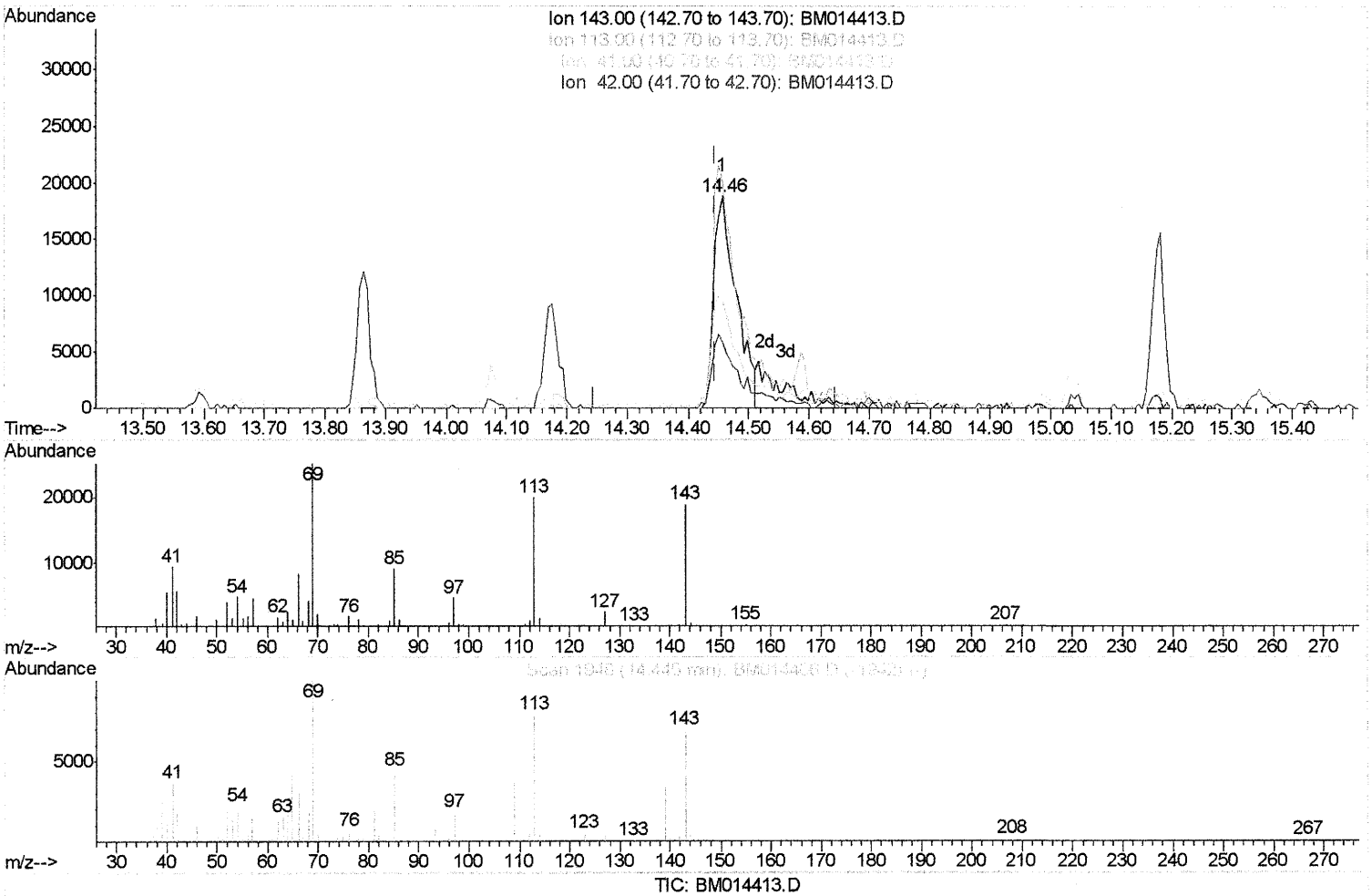
Acq On : 28 Feb 2018 21:56
Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:45:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
Response via : Initial Calibration



TIC: BM014413.D

(51) 4-Nitrophenol-d4 (S)

14.457min (+0.011) 17.49ng/ul

response 48878

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	105.98
41.00	34.80	49.98#
42.00	20.50	30.66#

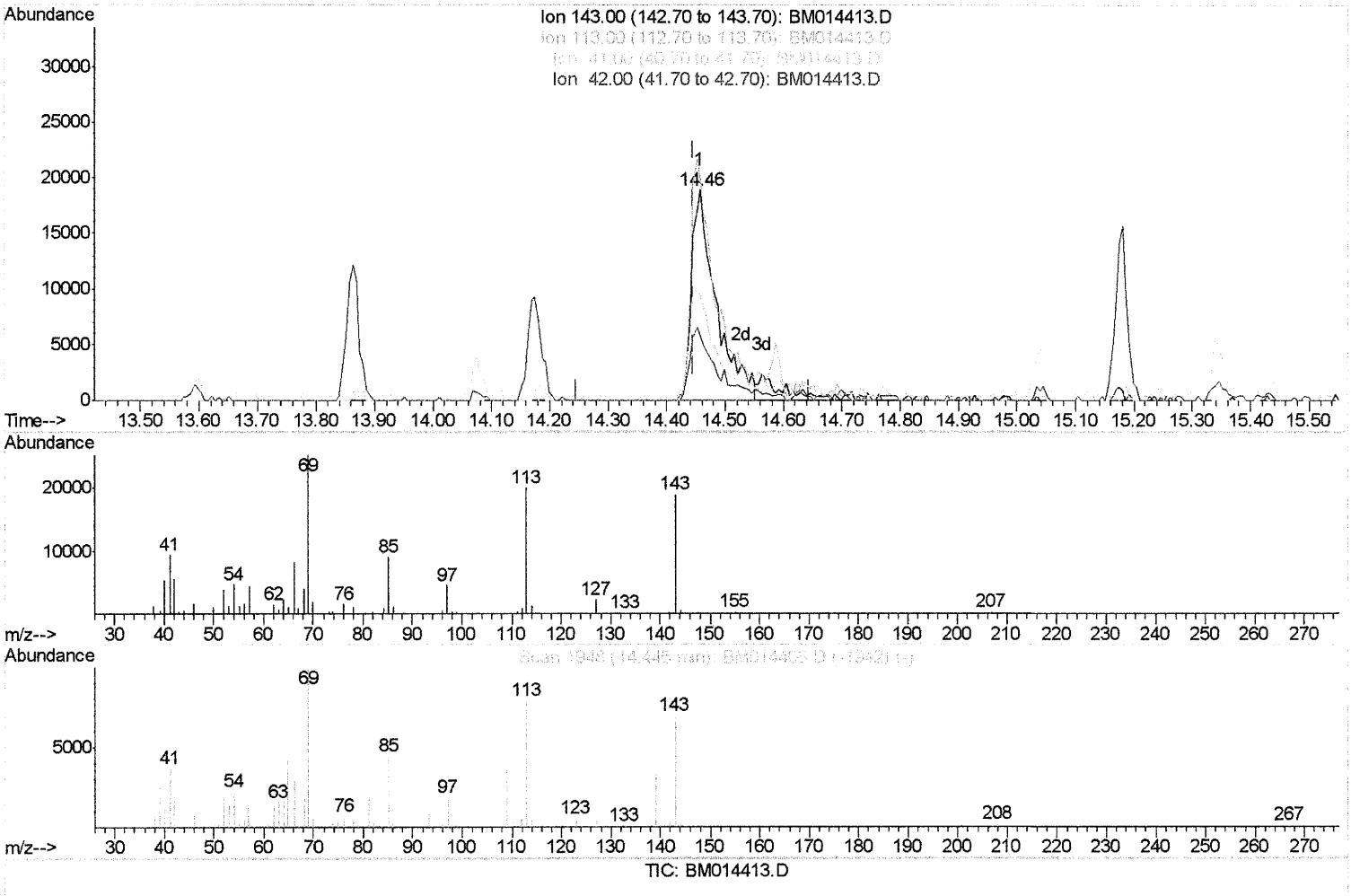
Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014413.D
Acq On : 28 Feb 2018 21:56
Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:45:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.457min (+0.011) 19.71ng/ul m SJ 3/2/18

response 55081

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	105.98
41.00	34.80	49.98#
42.00	20.50	30.66#

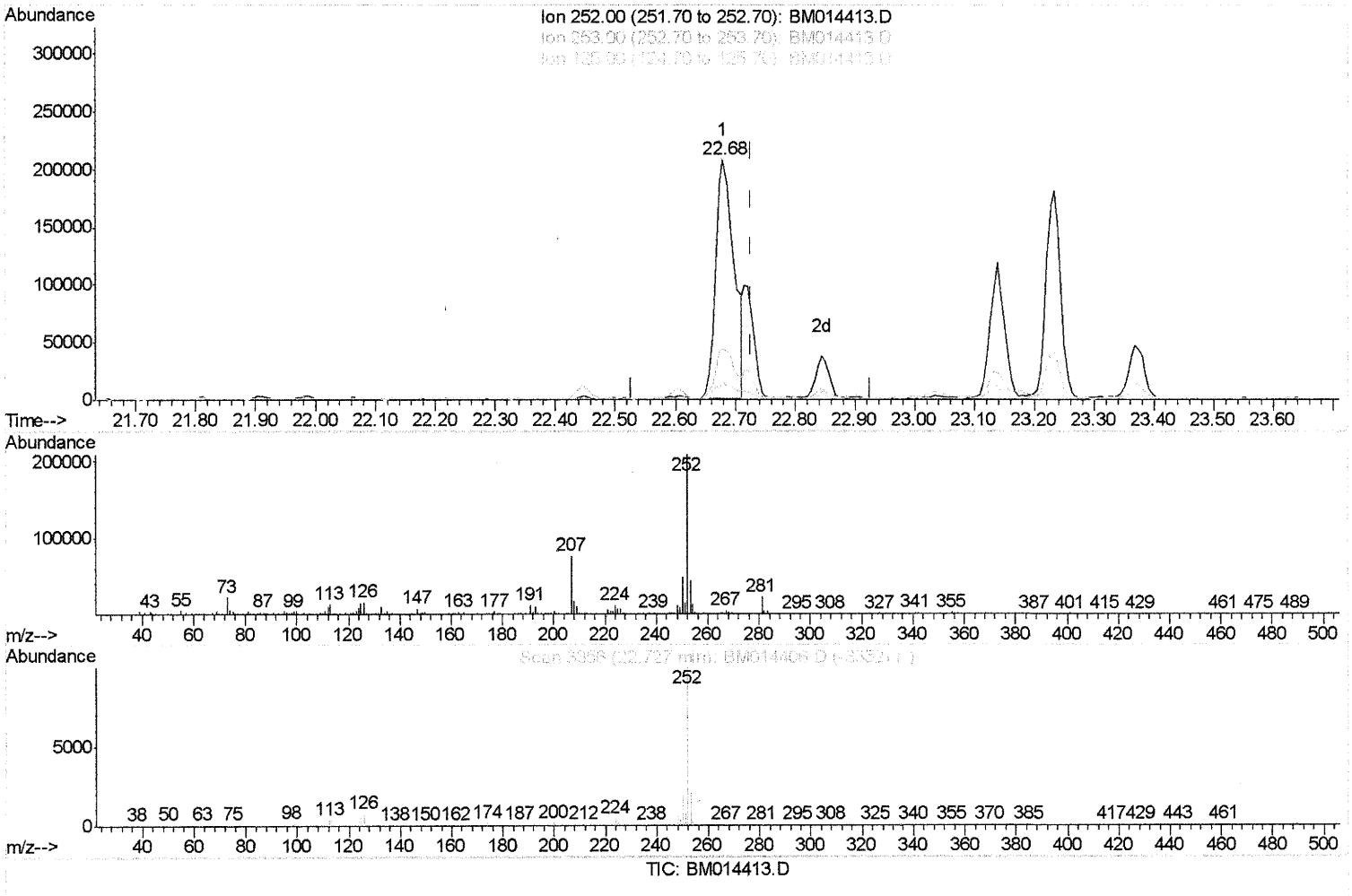
Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014413.D
Acq On : 28 Feb 2018 21:56
Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:47:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
Response via : Initial Calibration



TIC: BM014413.D

(86) Benzo(k)fluoranthene

22.680min (-0.047) 9.42ng/ul

response 438288

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.34
125.00	4.30	7.13#
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014413.D
Acq On : 28 Feb 2018 21:56
Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:47:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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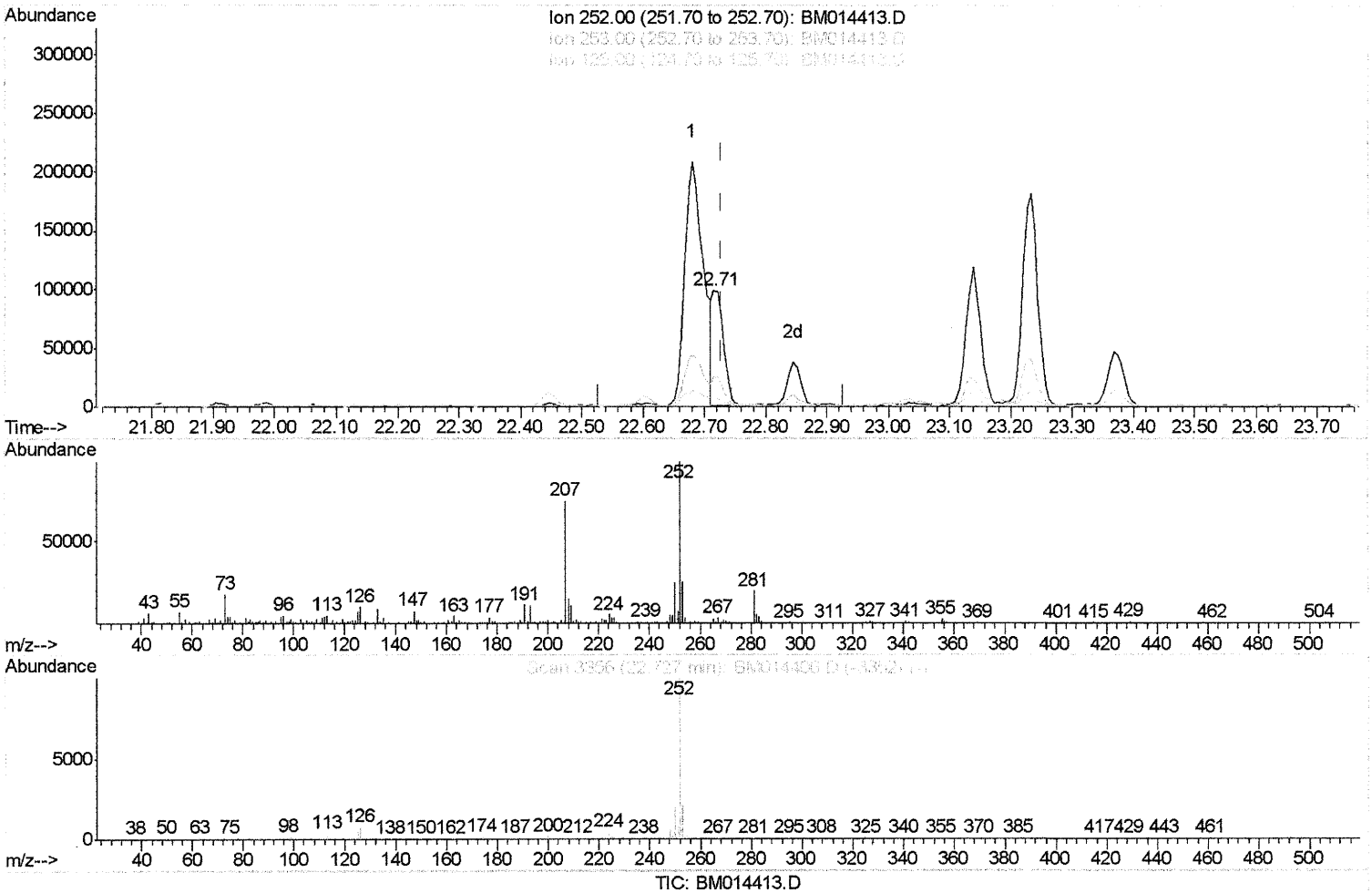

(86) Benzo(k)fluoranthene

22.715min (-0.012) 2.65ng/ul m SJ 3/2/18

response 123270

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.86#
125.00	4.30	7.59#
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

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Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:47:25 2018
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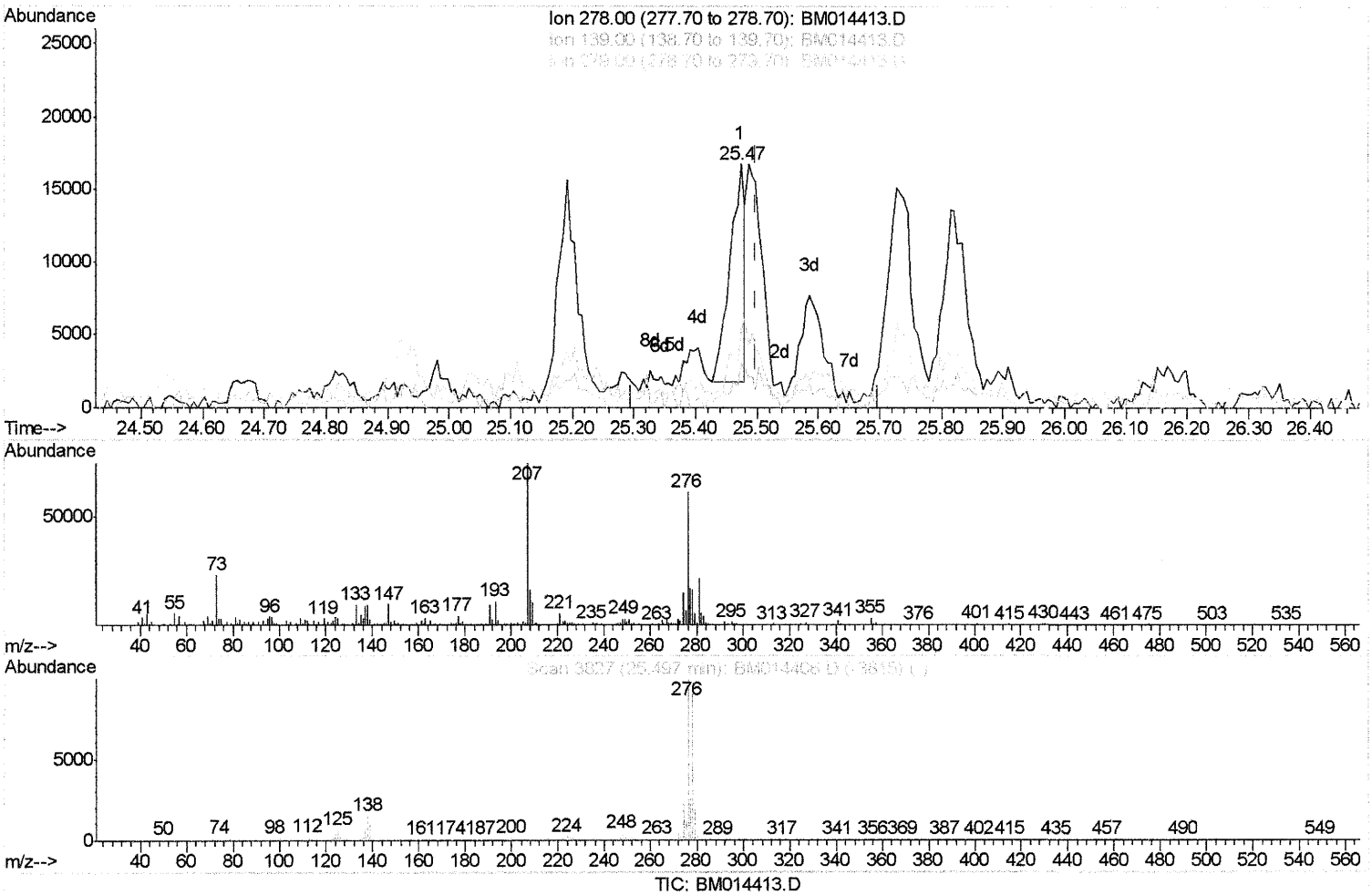

TIC: BM014413.D

(90) Dibenzo(a,h)anthracene

25.474min (-0.024) 0.72ng/ul

response 25398

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	18.28#
279.00	23.20	32.14#
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:05 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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Acq On : 28 Feb 2018 21:56
Operator : SJ/JU
Sample : J1678-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 01 01:47:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 00:47:00 2018
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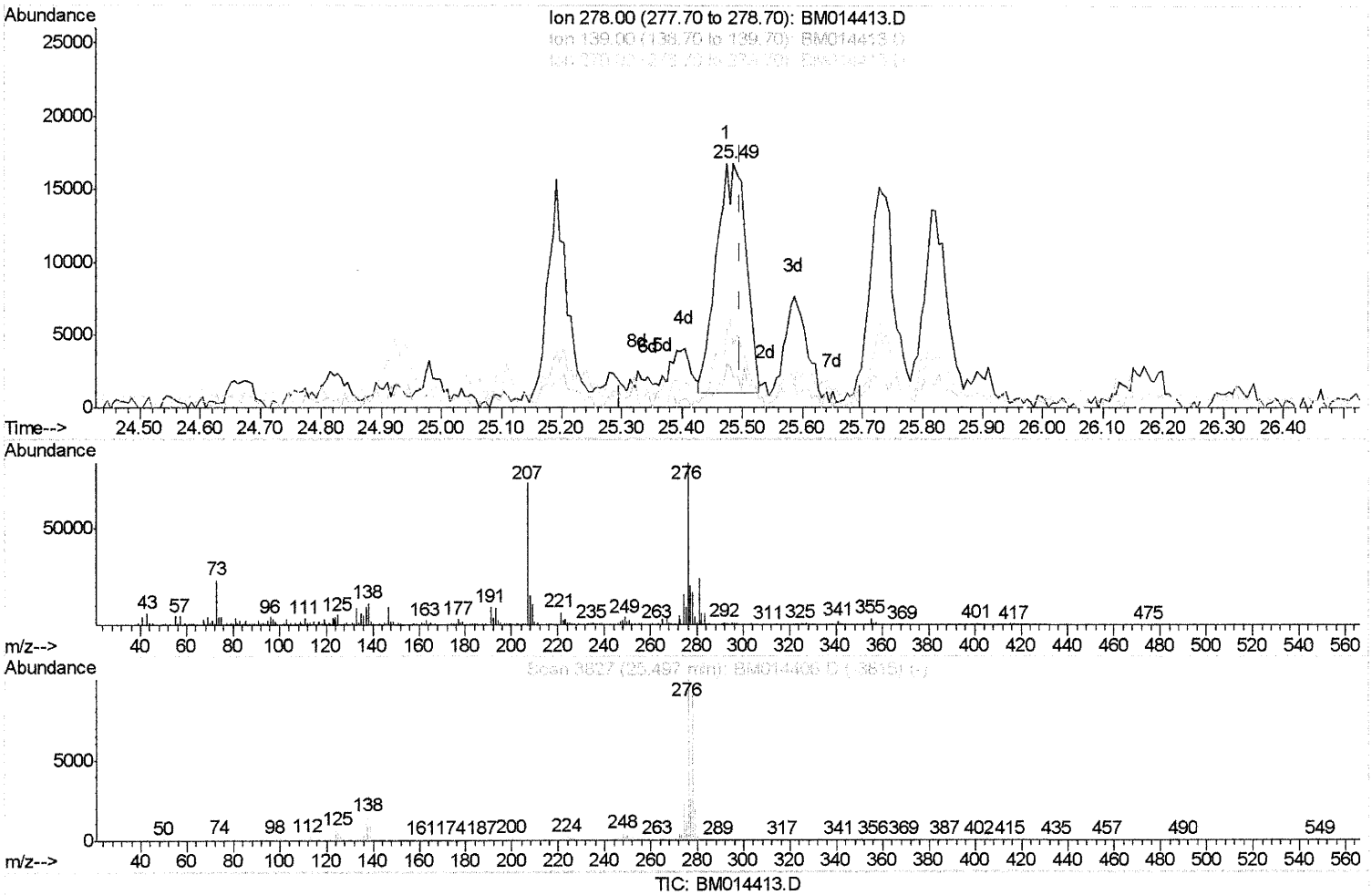

(90) Dibenzo(a,h)anthracene

25.485min (-0.012) 1.53ng/ul m SJ 3/2/18

response 53992

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	12.51#
279.00	23.20	25.88
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5T5

Manual Integrations
APPROVED
Sohil
3/1/2018 5:15:05 PM

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QLast Update : Thu Mar 01 00:47:00 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	74079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	359286	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	245088	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	602514	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	702635	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	730494	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	8399m	4.85	ng/uL	-0.01
5) Phenol-d5	6.72	99	171070	27.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	109444	28.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	144427	30.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	146202	26.69	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	78253	29.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	90095	32.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	151532	26.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	206541	36.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	623546	30.81	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	770853	30.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	55081m	19.71	ng/ul	0.01
57) Fluorene-d10	15.18	176	533970	29.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	64485	17.84	ng/ul	0.00
70) Anthracene-d10	17.03	188	861001	29.62	ng/ul	0.00
76) Pyrene-d10	19.34	212	1040907	28.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	1075478	30.25	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.75	94	11105m	1.690	ng/ul	
28) Naphthalene	10.33	128	27892	1.511	ng/ul#	92
44) Dimethylphthalate	13.64	163	114396	5.732	ng/ul	99
53) Dibenzofuran	14.59	168	44864	1.801	ng/ul	90
58) Fluorene	15.24	166	48432	2.252	ng/ul	97
69) Phenanthrene	16.98	178	832905	23.993	ng/ul	98
71) Anthracene	17.07	178	154215	4.417	ng/ul	96
72) Carbazole	17.36	167	55198	1.880	ng/ul	96
74) Fluoranthene	19.01	202	979244	23.611	ng/ul#	94
77) Pyrene	19.37	202	820643	17.574	ng/ul#	93
80) Benzo(a)anthracene	21.13	228	387229	8.830	ng/ul	96
82) Chrysene	21.19	228	335399	8.199	ng/ul	93
85) Benzo(b)fluoranthene	22.68	252	438288	8.961	ng/ul#	97
86) Benzo(k)fluoranthene	22.71	252	123270m	2.651	ng/ul	
88) Benzo(a)pyrene	23.23	252	312357	7.146	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.49	276	211496	4.987	ng/ul	98
90) Dibenzo(a,h)anthracene	25.49	278	53992m	1.532	ng/ul	
91) Benzo(g,h,i)perylene	26.14	276	161713	4.707	ng/ul#	92

SJ 3/2/18
SJ 3/2/18
SJ 3/2/18
SJ 3/2/18
SJ 3/2/18

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