

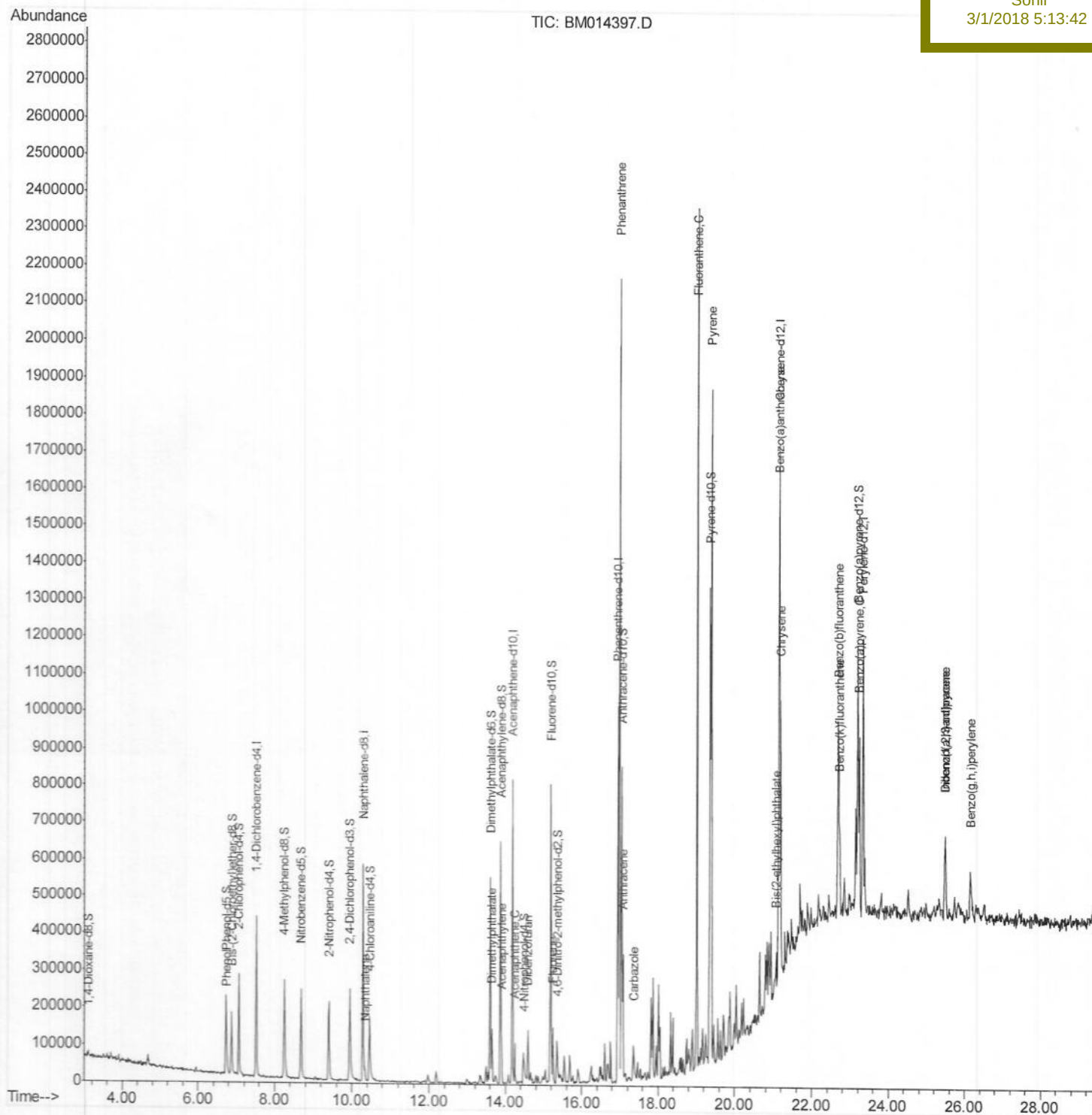
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 01 11:10:34 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5X4DL

Manual Integrations
APPROVED

Sohil
3/1/2018 5:13:42 PM



Data Path : \\74.0.250.170\svosrv\HPCHEM1\BNA M\Data\BM022818\
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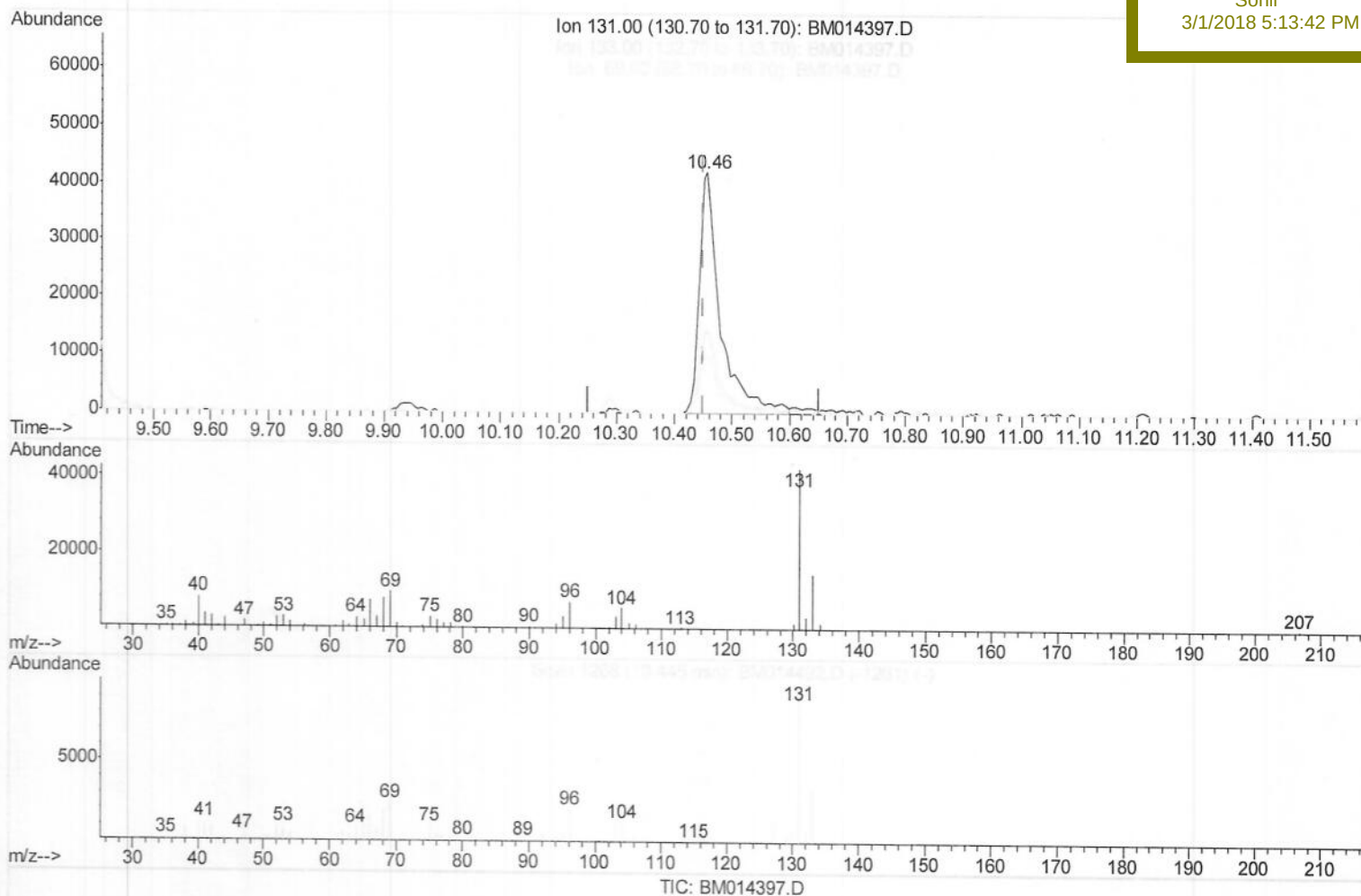
ClientSampleId :

BE5X4DL

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

10.457min (+0.006) 16.35ng/ul m

response 108918

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	34.64
69.00	24.30	23.02
0.00	0.00	0.00

SJ
02/29/18

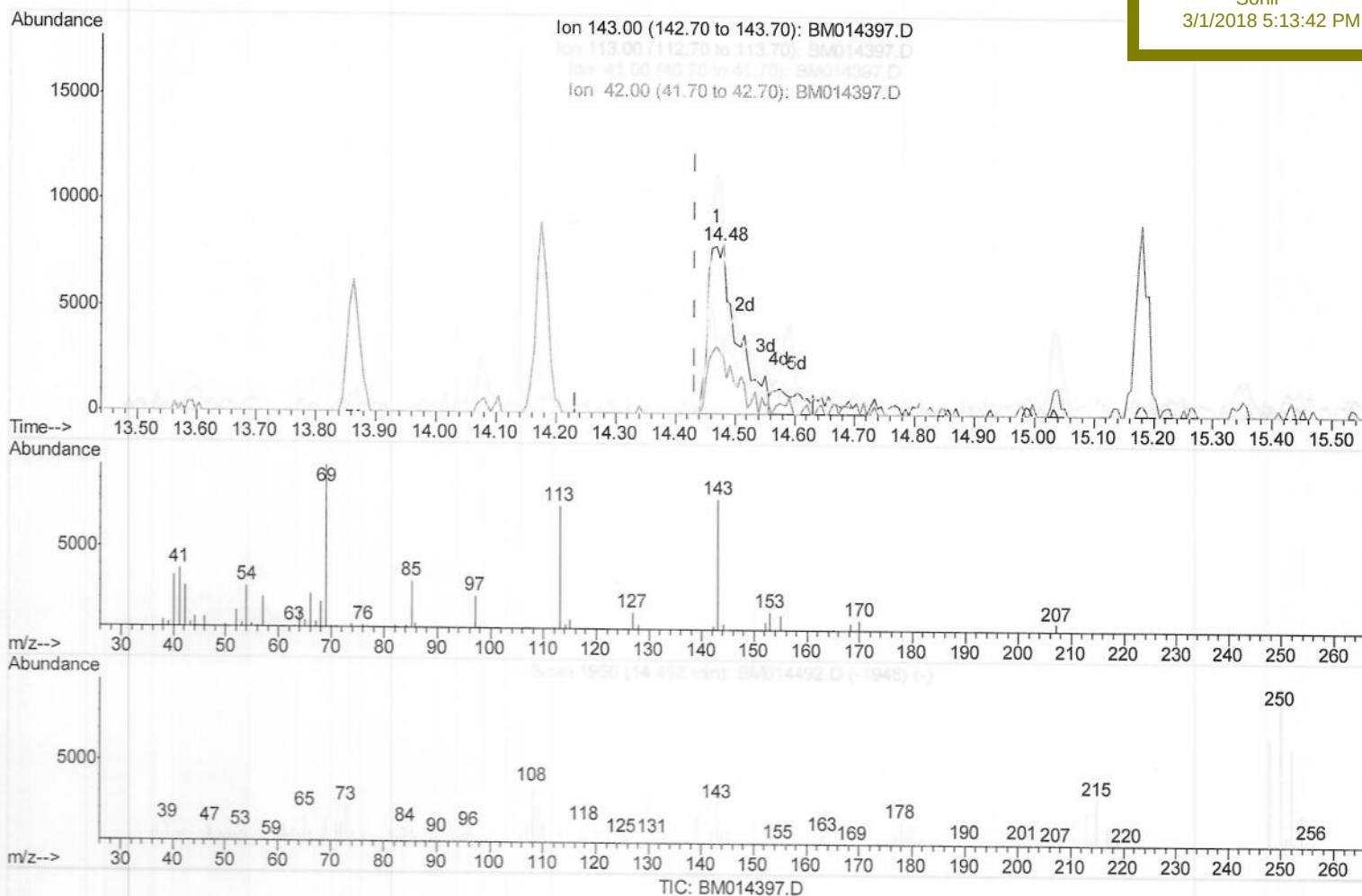
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM022818\
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Manual Integrations
APPROVED

Sohil
3/1/2018 5:13:42 PM



(51) 4-Nitrophenol-d4 (S)
14.480min (+0.047) 10.10ng/ul m
response 27434
Ion Exp% Act%
143.00 100 100
113.00 114.60 94.29
41.00 34.80 46.46#
42.00 20.50 34.39#

SJ
02/29/18

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QLast Update : Wed Feb 28 12:00:03 2018
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Instrument :

BNA_M

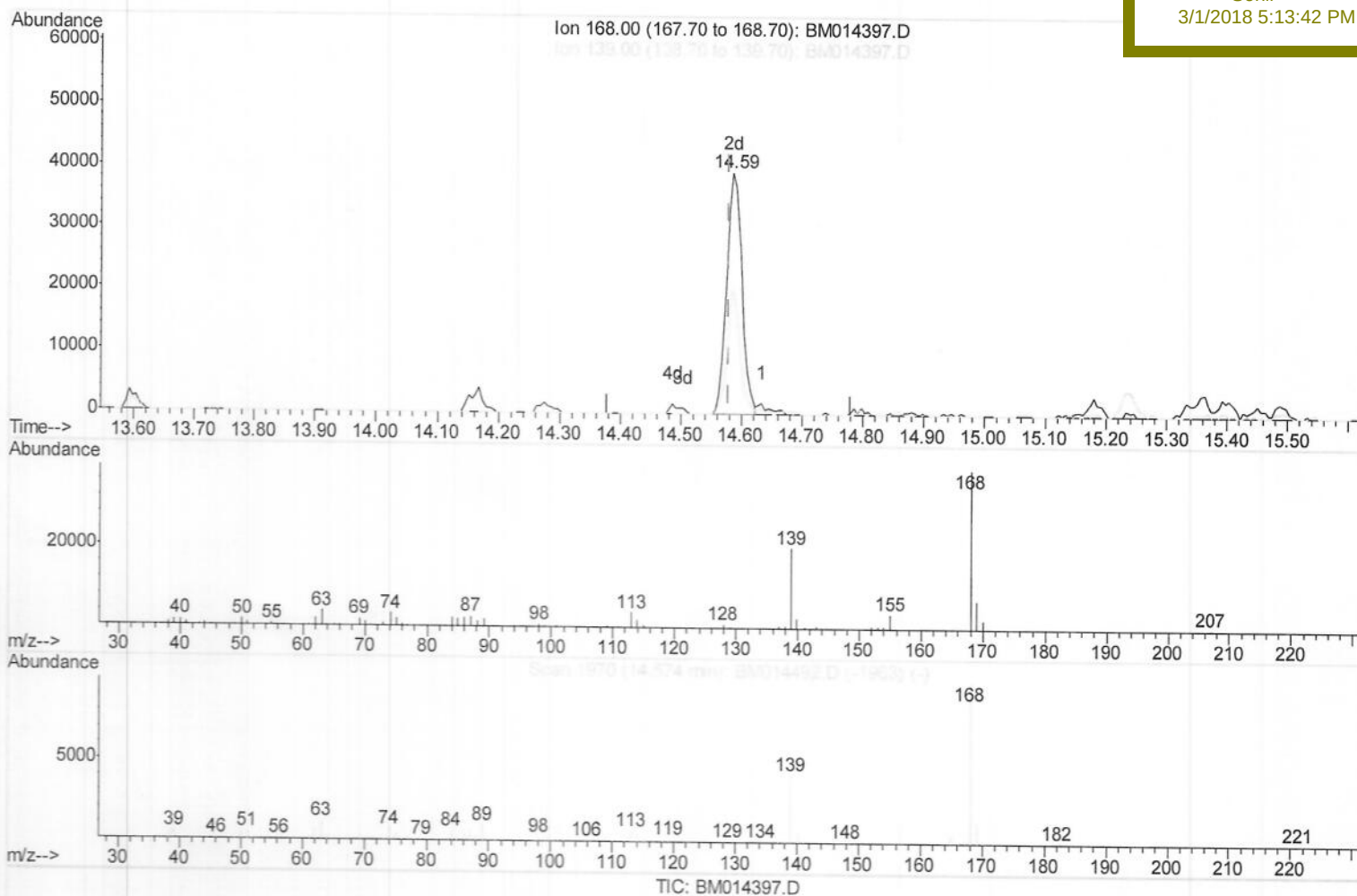
ClientSampleId :

BE5X4DL

Manual Integrations
APPROVED

Sohil

3/1/2018 5:13:42 PM



(53) Dibenzofuran

14.586min (+0.006) 2.82ng/ul m

response 68292

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	50.88#
0.00	0.00	0.00
0.00	0.00	0.00

SJ
02/29/18

Quantitation Report (Qedit)

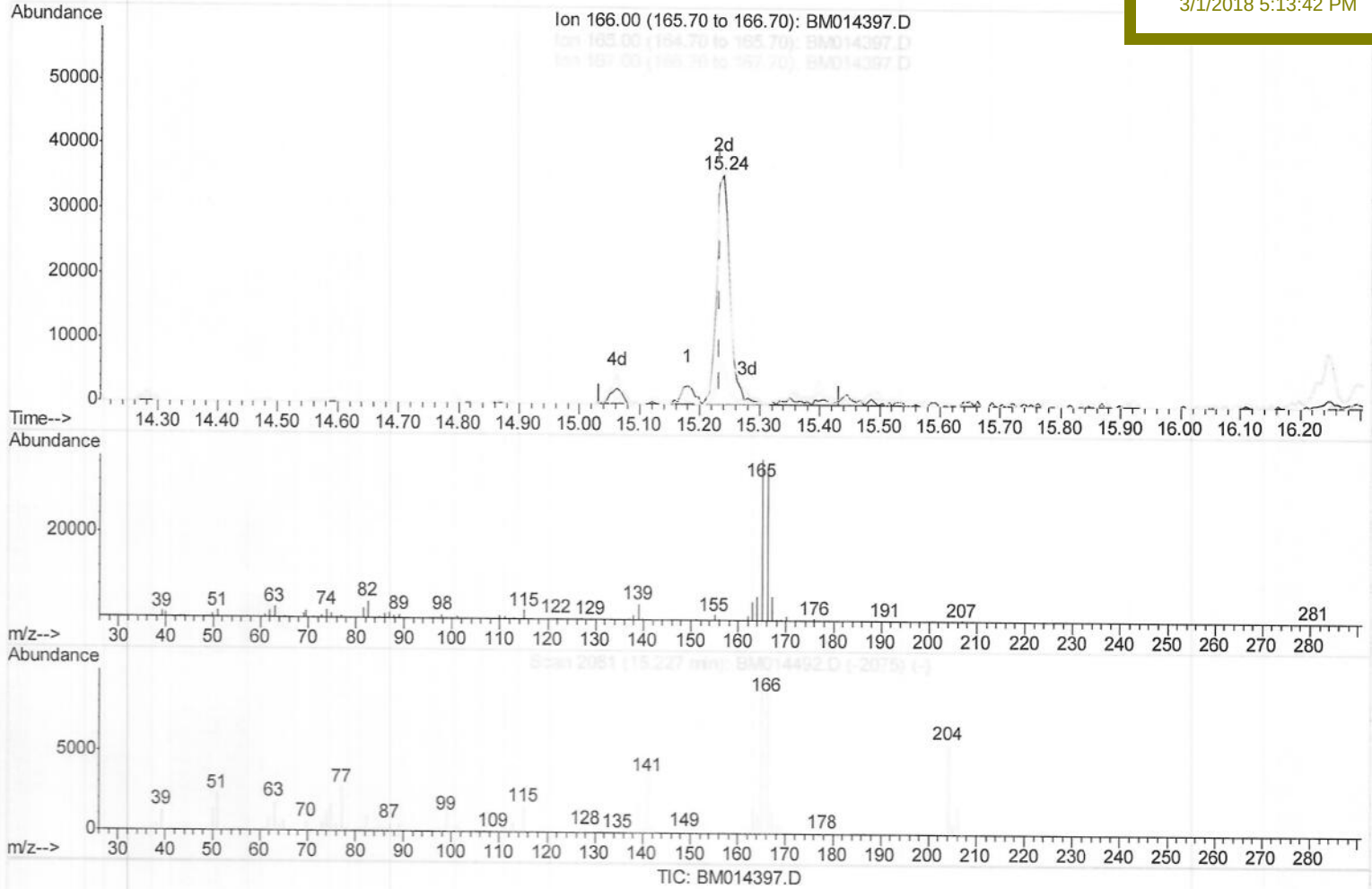
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 Data File : BM014397.D
 Acq On : 28 Feb 2018 11:00
 Operator : SJ/JU
 Sample : J1646-10DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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 ClientSampleId :
 BE5X4DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:42 PM



(58) Fluorene

15.239min (+0.006) 2.67ng/ul m

response 55892

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	105.14
167.00	13.30	16.62#
0.00	0.00	0.00

SJ
 02/29/18

Quantitation Report (Qedit)

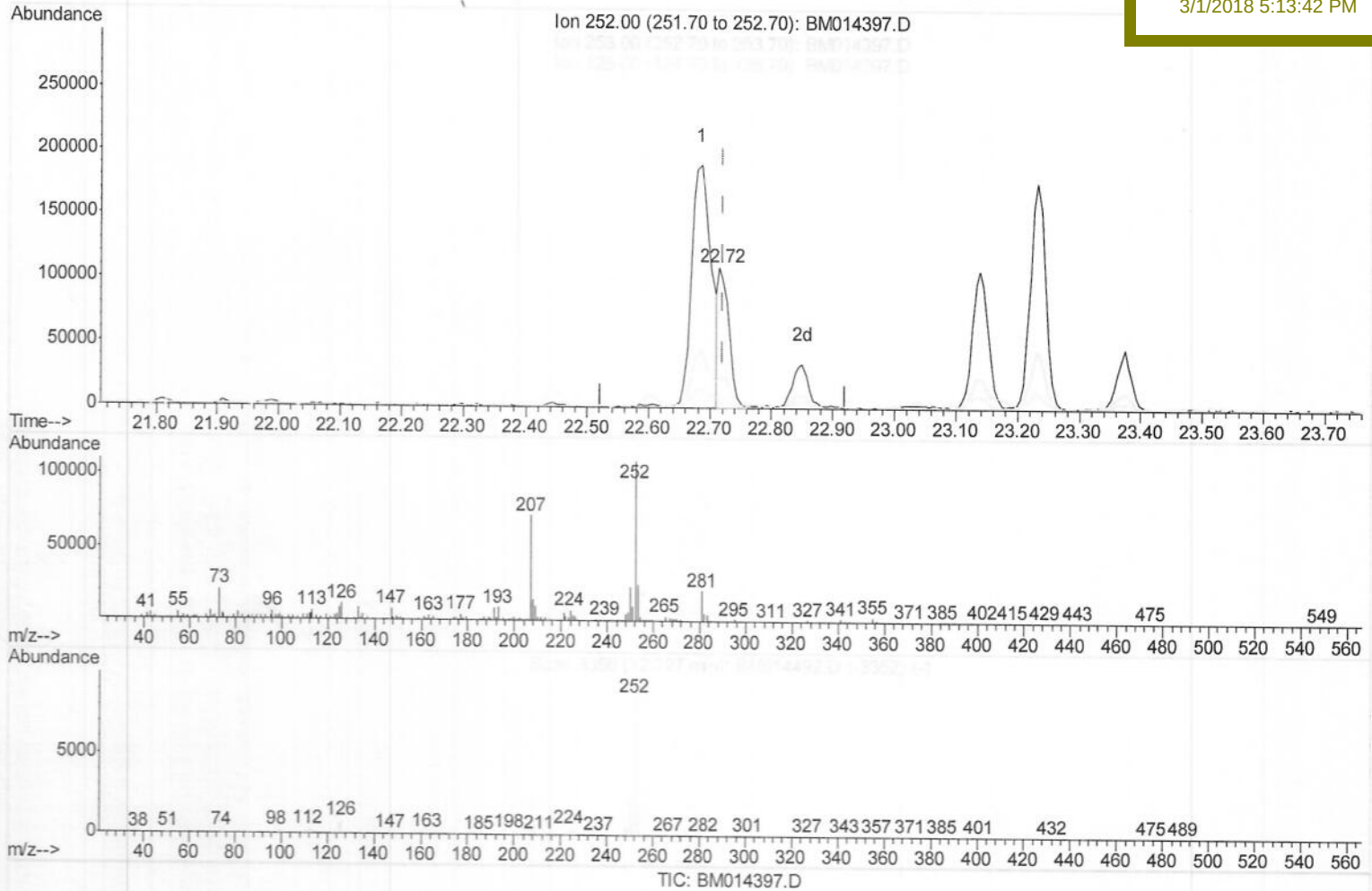
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM022818\
 Data File : BM014397.D
 Acq On : 28 Feb 2018 11:00
 Operator : SJ/JU
 Sample : J1646-10DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 01 11:10:34 2018
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 ClientSampleId :
 BE5X4DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:42 PM



(86) Benzo(k)fluoranthene

22.715min (-0.006) 4.36ng/ul m

response 135327

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.59
125.00	4.30	7.96#
0.00	0.00	0.00

SJ
 02/29/18

Quantitation Report (Qedit)

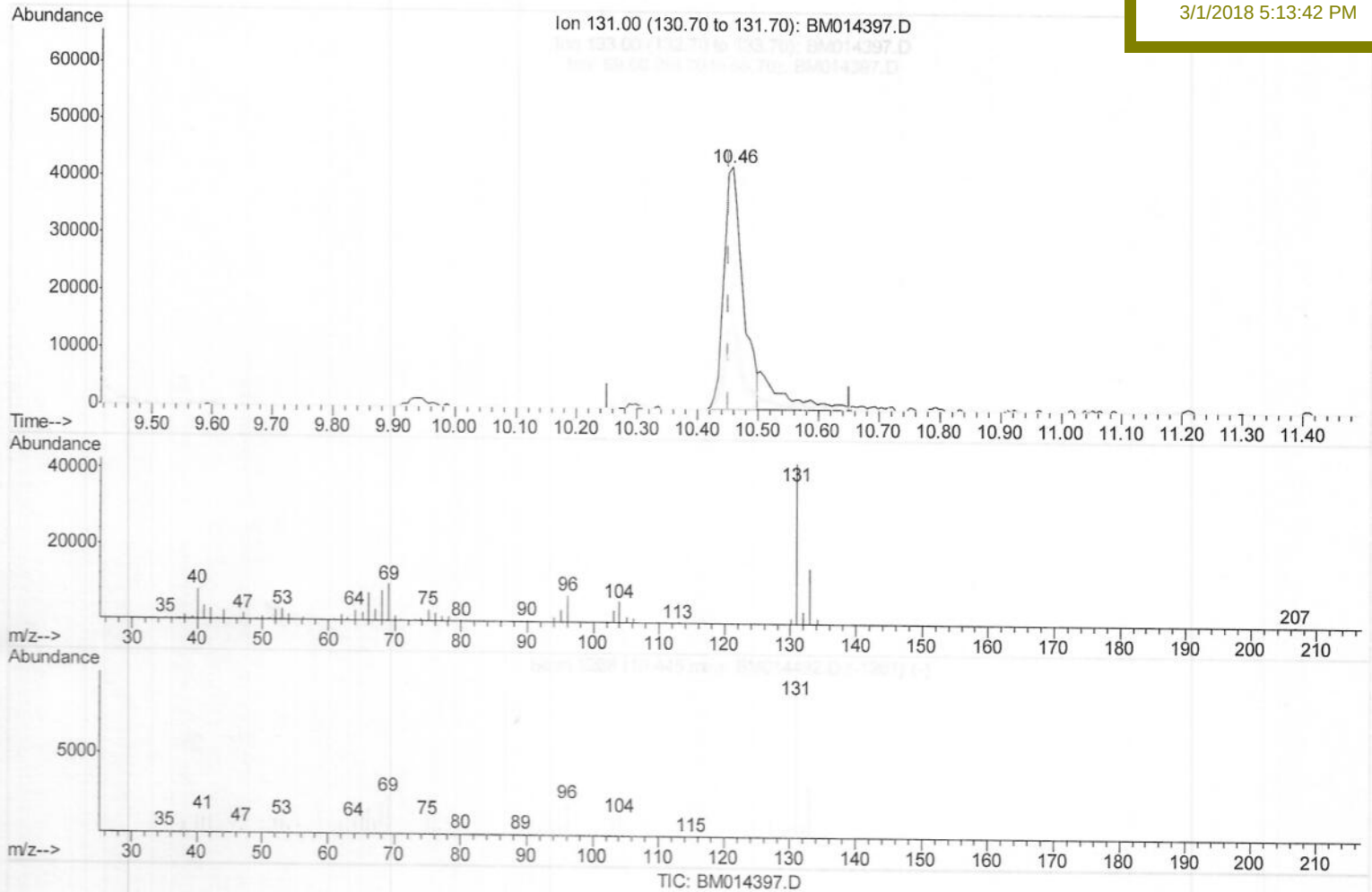
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM022818\
 Data File : BM014397.D
 Acq On : 28 Feb 2018 11:00
 Operator : SJ/JU
 Sample : J1646-10DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 16:04:35 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 10 03:09:05 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5X4DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:42 PM



(29) 4-Chloroaniline-d4 (S)

10.457min (+0.006) 13.88ng/ul

response 92455

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	34.64
69.00	24.30	23.02
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 16:04:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 10 03:09:05 2018
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

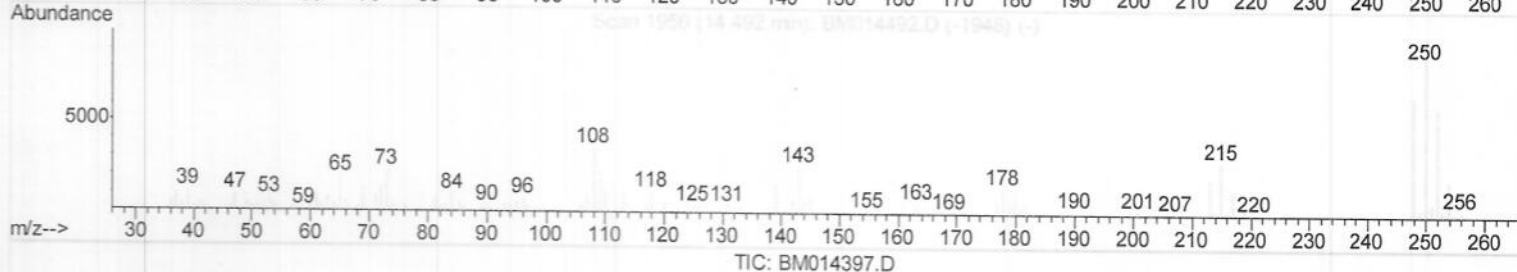
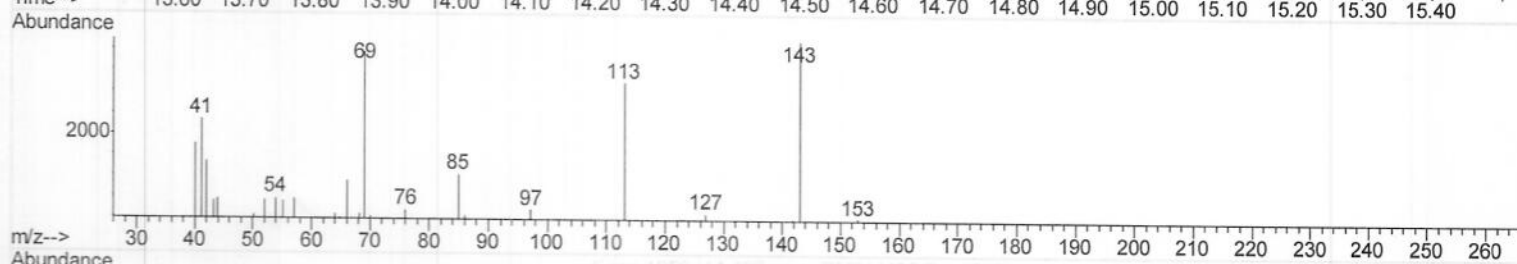
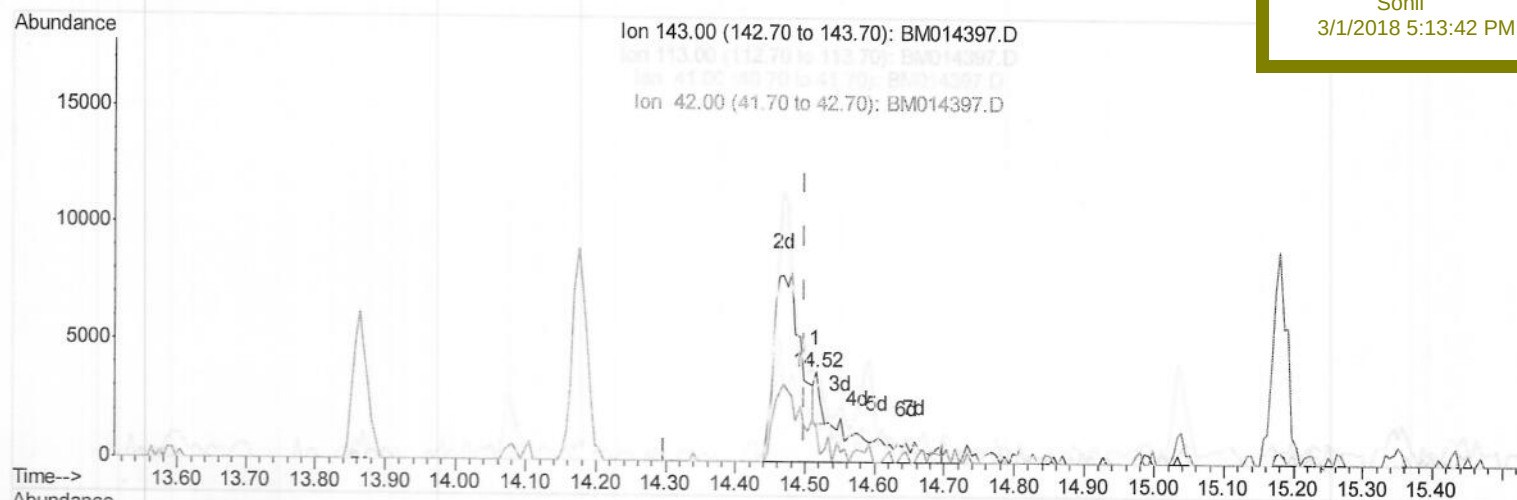
BE5X4DL

Manual Integrations

APPROVED

Sohil

3/1/2018 5:13:42 PM



(51) 4-Nitrophenol-d4 (S)

14.516min (+0.017) 0.41ng/ul

response 1106

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	78.81#
41.00	34.80	59.89#
42.00	20.50	38.44#

Quantitation Report (Qedit)

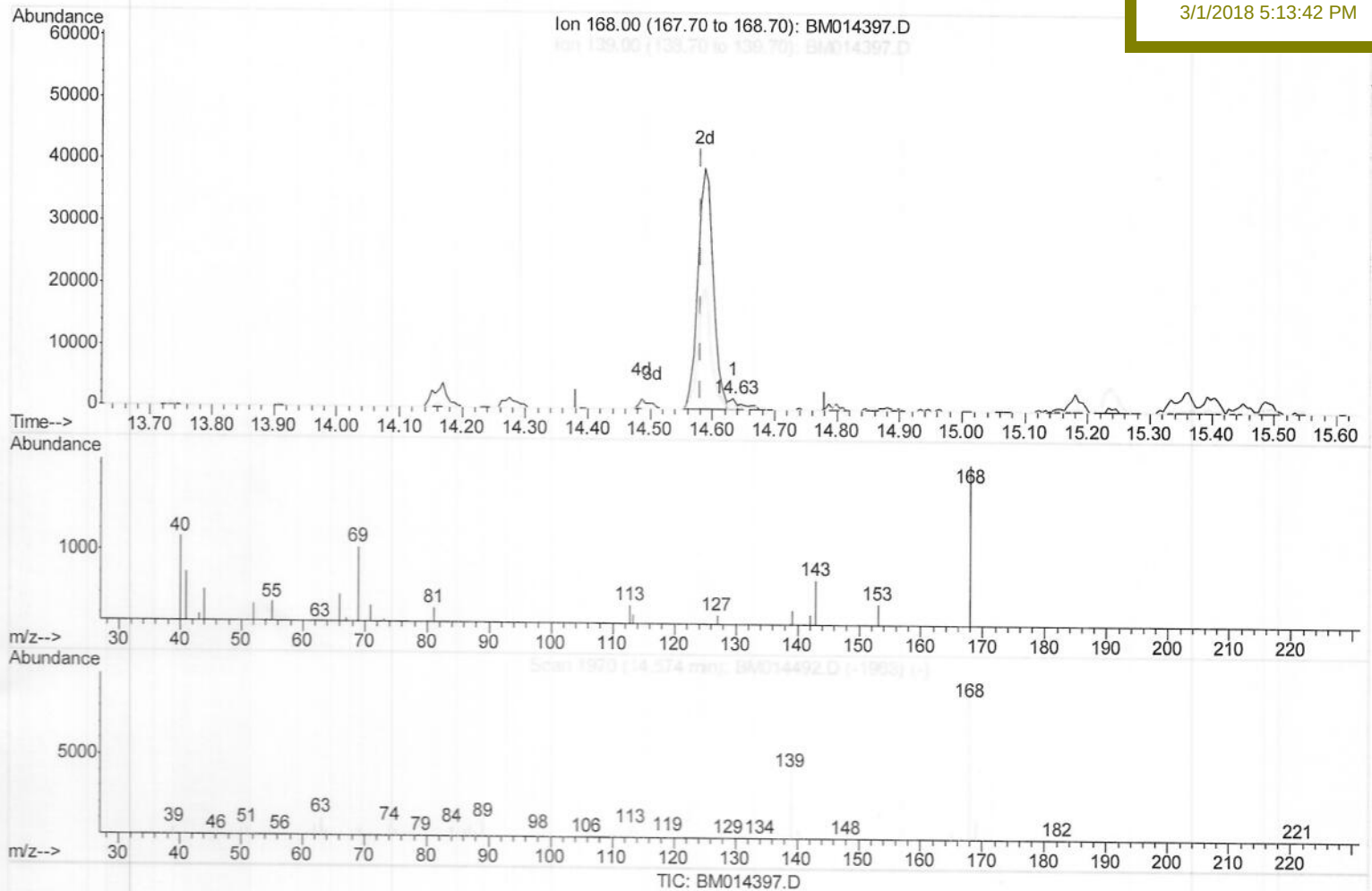
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM022818\
 Data File : BM014397.D
 Acq On : 28 Feb 2018 11:00
 Operator : SJ/JU
 Sample : J1646-10DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 16:04:35 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 10 03:09:05 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5X4DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:42 PM



(53) Dibenzofuran

14.633min (+0.053) 0.06ng/ul

response 1426

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	43.86
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM022818\
Data File : BM014397.D
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Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 16:04:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 10 03:09:05 2018
Response via : Initial Calibration

Instrument :

BNA_M

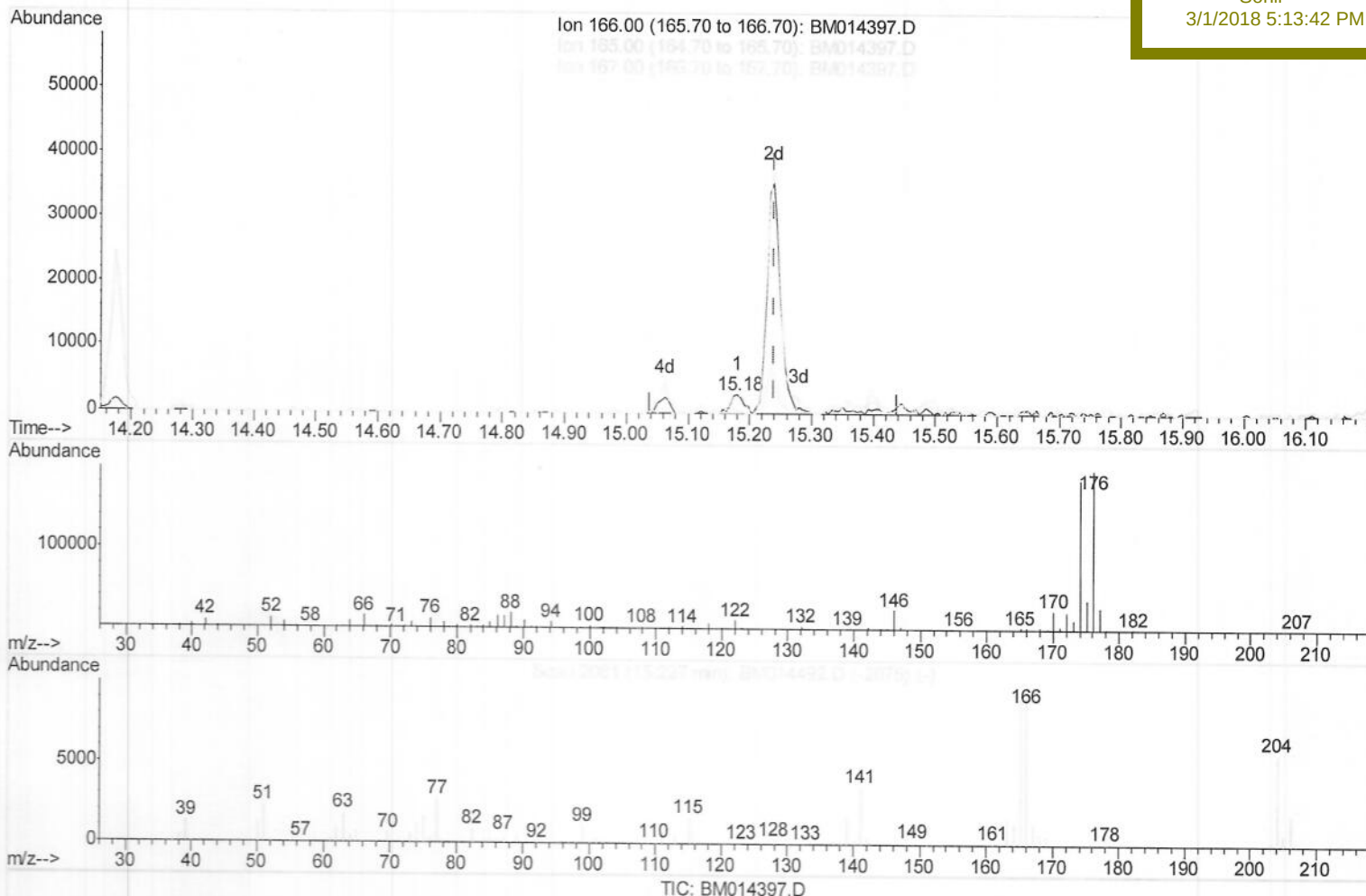
ClientSampleId :

BE5X4DL

Manual Integrations
APPROVED

Sohil

3/1/2018 5:13:42 PM



(58) Fluorene

15.180min (-0.059) 0.21ng/ul

response 4468

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	86.91
167.00	13.30	13.90
0.00	0.00	0.00

Quantitation Report (Qedit)

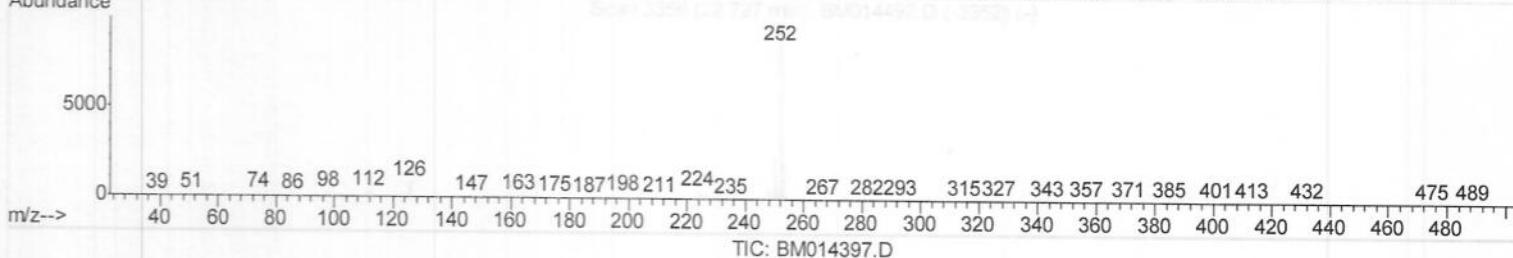
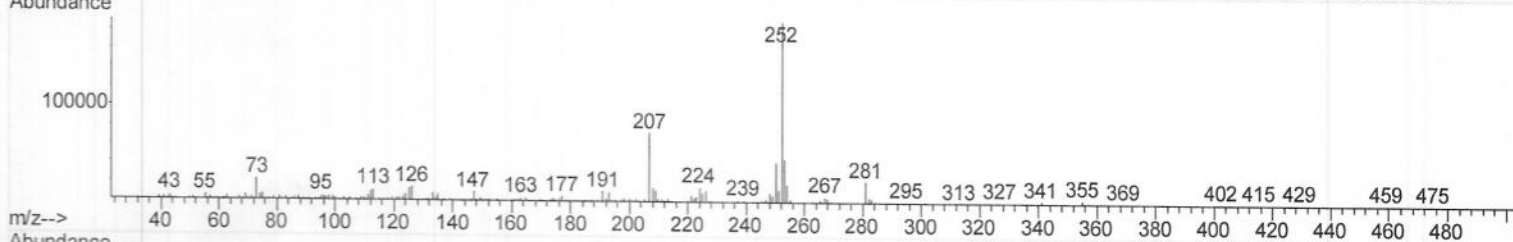
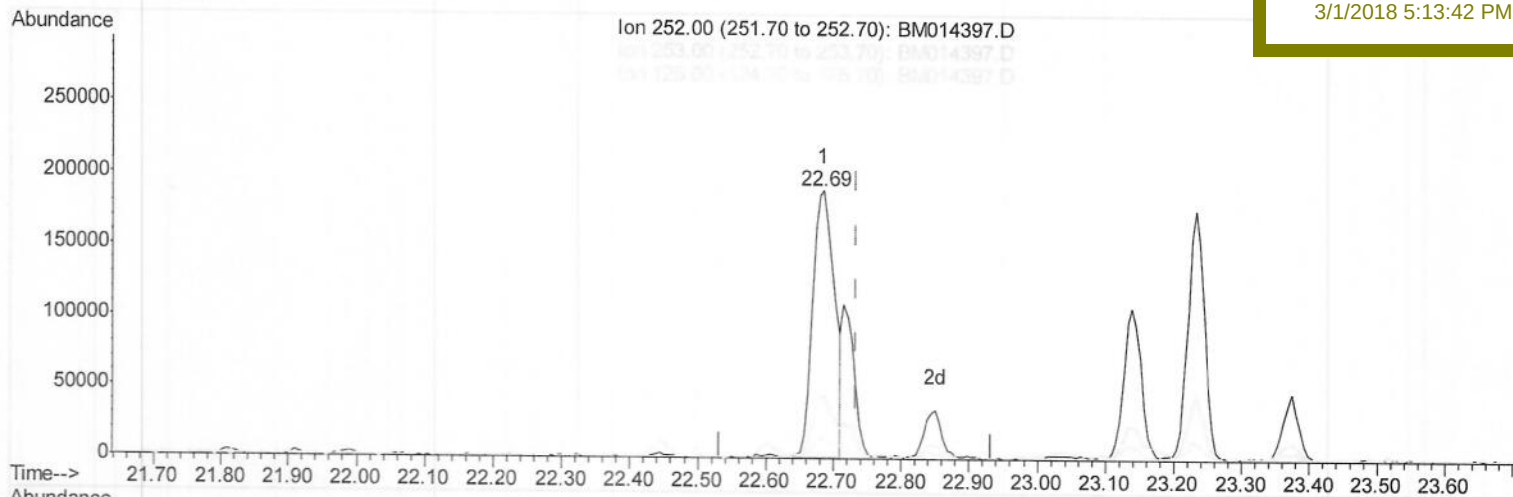
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_M
ClientSampleId :
BE5X4DL

Manual Integrations
APPROVED

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3/1/2018 5:13:42 PM



(86) Benzo(k)fluoranthene

22.686min (-0.047) 13.54ng/ul

response 420707

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.87
125.00	4.30	7.30#
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM022818\
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 3/1/2018 5:13:42 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	101374	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	426808	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	238290	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	500621	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	512014	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	488077	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	5738	2.42	ng/uL	0.00
5) Phenol-d5	6.72	99	124479	14.53	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.87	67	71841	13.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	97509	14.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	100584	13.42	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	51556	16.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	56728	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	99071	14.65	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	108918m	16.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	327556	16.65	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	411991	16.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	27434m	10.10	ng/ul	0.05
57) Fluorene-d10	15.18	176	276195	15.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	18925	6.30	ng/ul	0.01
70) Anthracene-d10	17.04	188	411585	17.04	ng/ul	0.00
76) Pyrene-d10	19.34	212	464191	17.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	398530	16.78	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.75	94	12934	1.439	ng/ul#	80
28) Naphthalene	10.34	128	24981	1.140	ng/ul#	95
44) Dimethylphthalate	13.65	163	79622	4.103	ng/ul	98
47) Acenaphthylene	13.90	152	70662	3.081	ng/ul#	94
49) Acenaphthene	14.24	153	39105	2.421	ng/ul	96
53) Dibenzofuran	14.59	168	68292m	2.820	ng/ul	
58) Fluorene	15.24	166	55892m	2.674	ng/ul	
69) Phenanthrene	16.98	178	1132567	39.266	ng/ul	99
71) Anthracene	17.07	178	187421	6.461	ng/ul	98
72) Carbazole	17.36	167	49862	2.044	ng/ul#	94
74) Fluoranthene	19.01	202	1224062	35.521	ng/ul#	92
77) Pyrene	19.37	202	1067890	31.384	ng/ul#	93
80) Benzo(a)anthracene	21.13	228	418088	13.084	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	28537	1.416	ng/ul	99
82) Chrysene	21.19	228	373294	12.523	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	420707	12.873	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	135327m	4.355	ng/ul	
88) Benzo(a)pyrene	23.23	252	300503	10.290	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.49	276	183151	6.463	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.49	278	49355	2.096	ng/ul#	93
91) Benzo(a,h,i)perylene	26.14	276	130712	5.694	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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ClientSampleId :
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Manual Integrations
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3/1/2018 5:13:42 PM