

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\

Data File : BM014340.D

Acq On : 23 Feb 2018 20:44

Operator : SJ/JU

Sample : J1631-01 10X

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 24 00:52:51 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 23 23:12:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

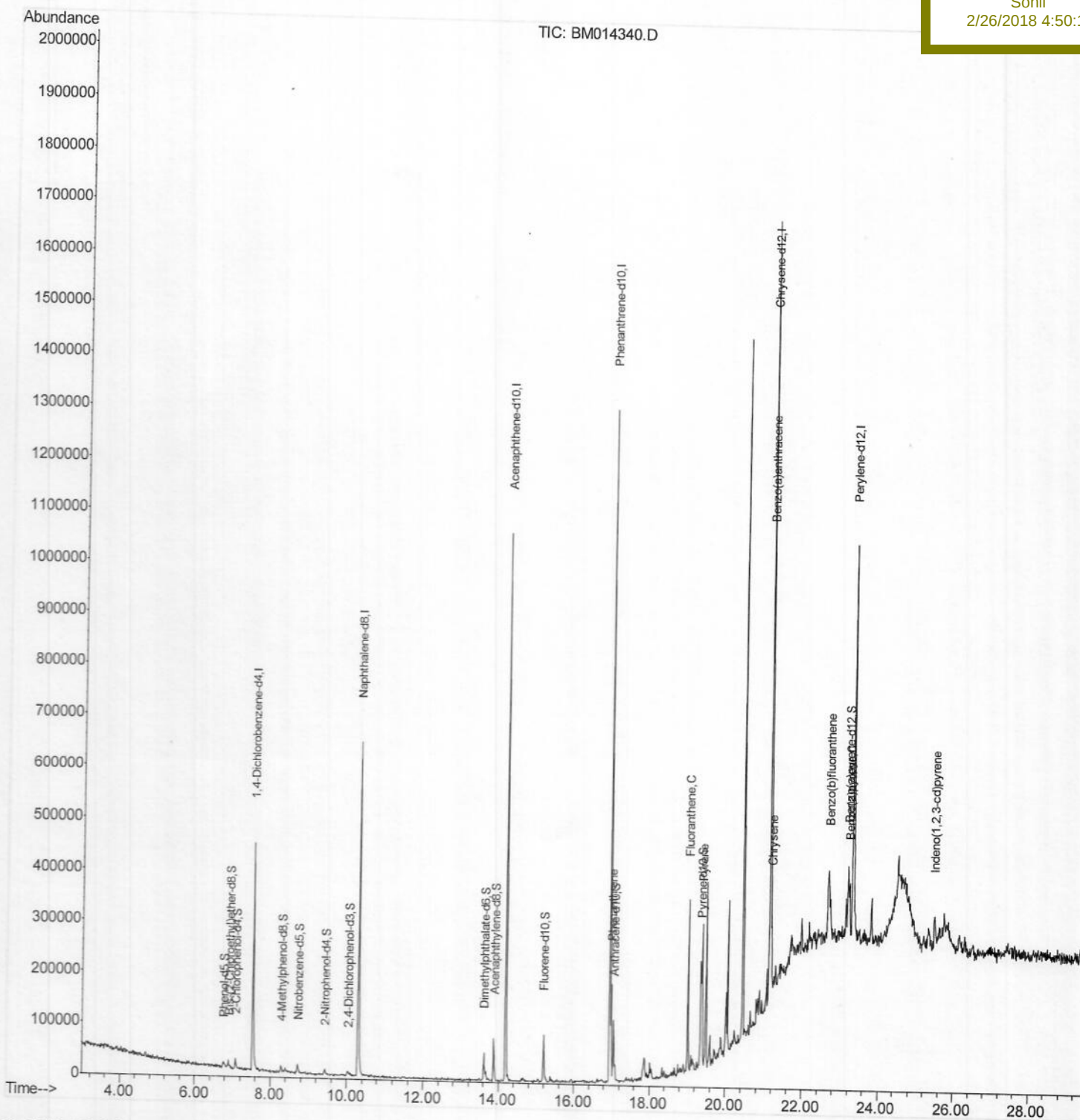
BE5Y4

Manual Integrations

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Quantitation Report (Qedit)

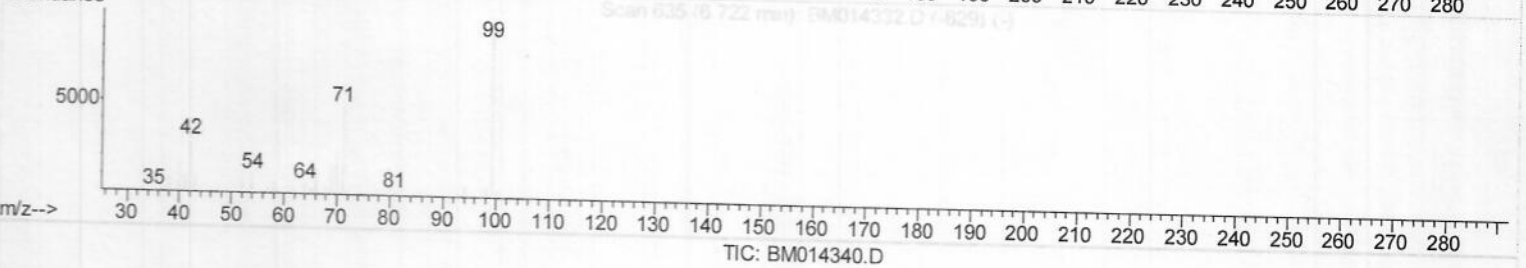
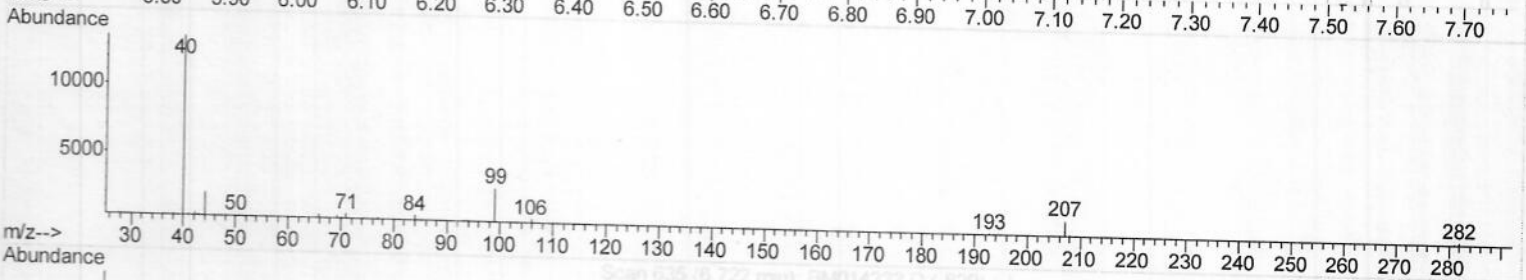
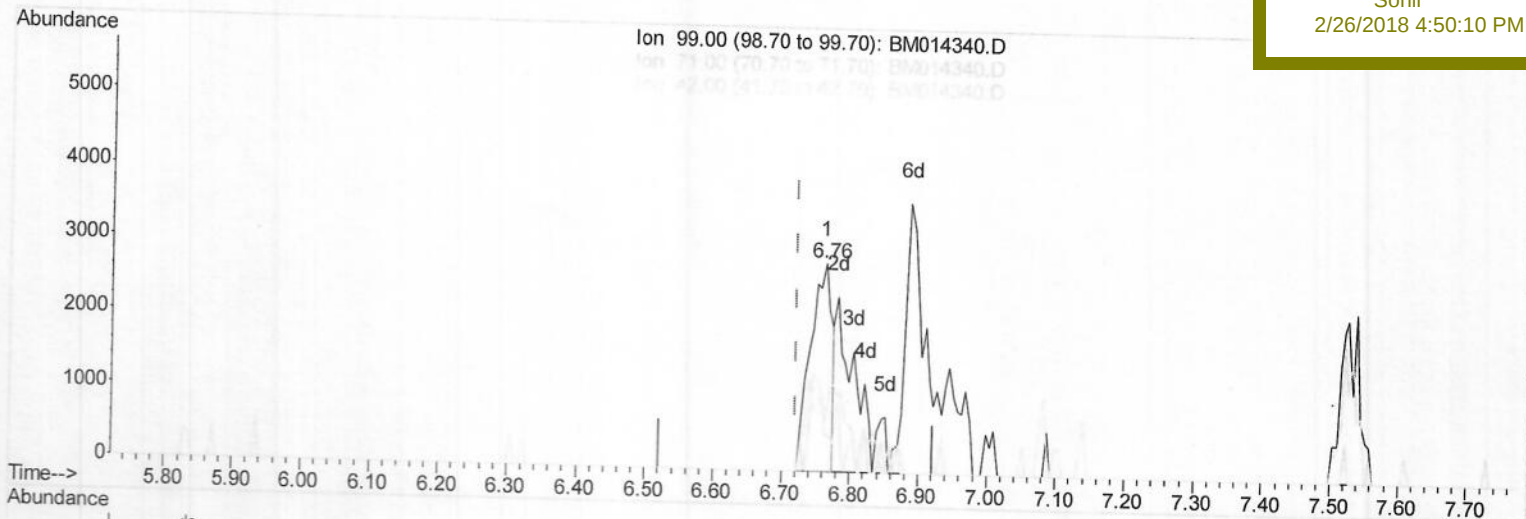
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014340.D
 Acq On : 23 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1631-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 23 23:19:35 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
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Instrument :
 BNA_M
 ClientSampleId :
 BE5Y4

Manual Integrations
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(5) Phenol-d5 (S)

6.763min (+0.041) 0.64ng/ul

response 6160

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	23.92#
42.00	24.20	16.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

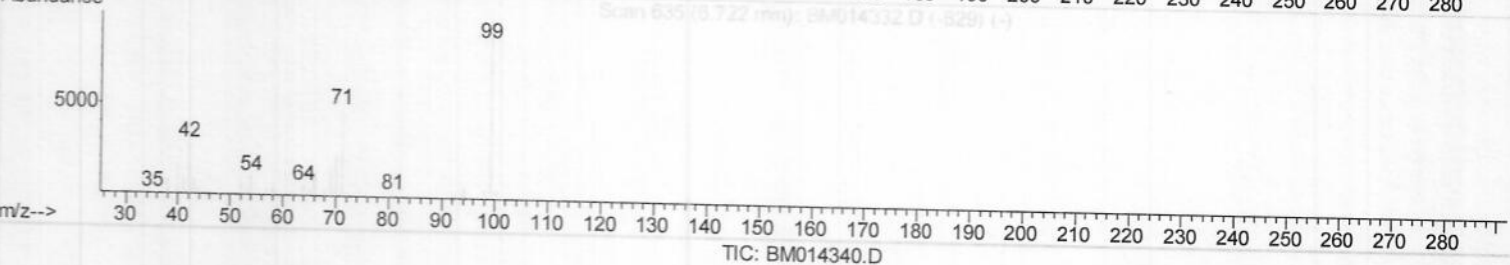
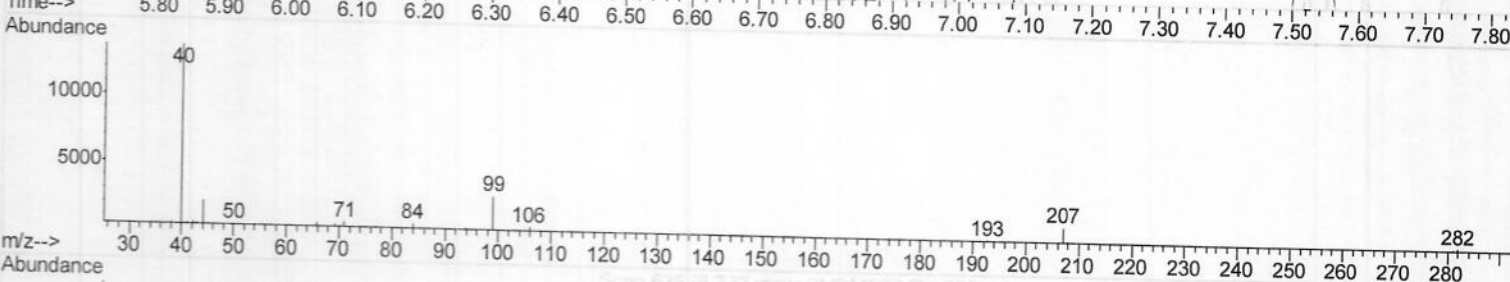
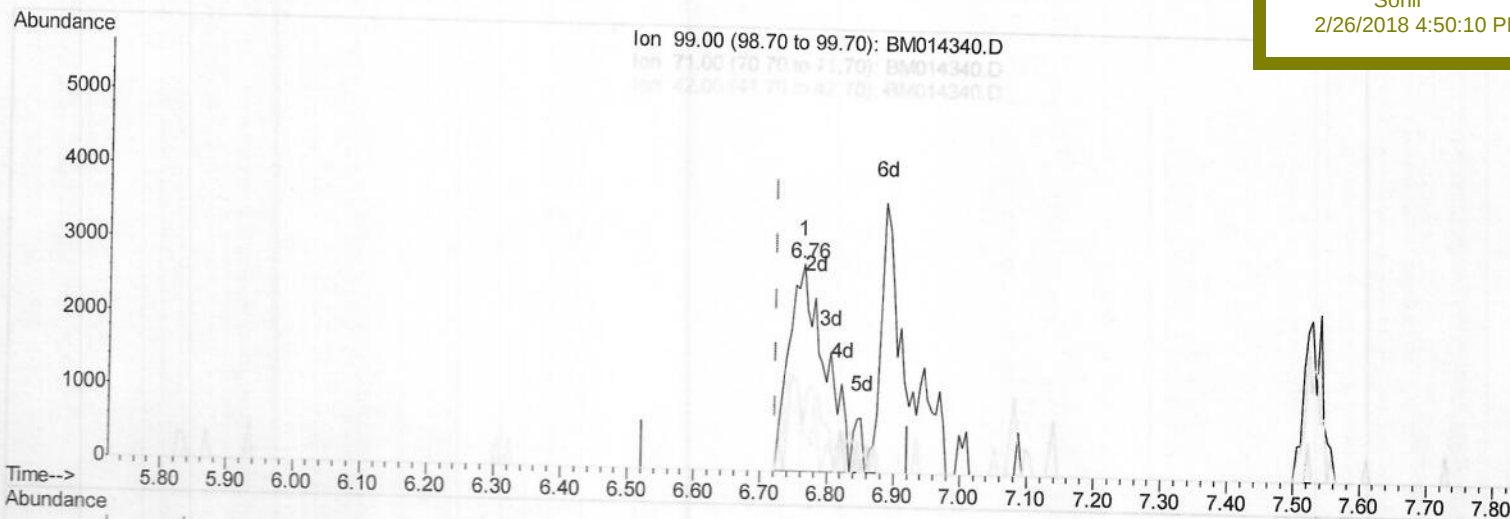
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
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 Sample : J1631-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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Instrument :
 BNA_M
 Client Sampled :
 BE5Y4

Manual Integrations
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TIC: BM014340.D

(5) Phenol-d5 (S)

6.763min (+0.041) 1.08ng/ul m

response 10436

Ion Exp% Act%

99.00 100 100

71.00 55.00 23.92#

42.00 24.20 16.96#

0.00 0.00 0.00

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Quantitation Report (Qedit)

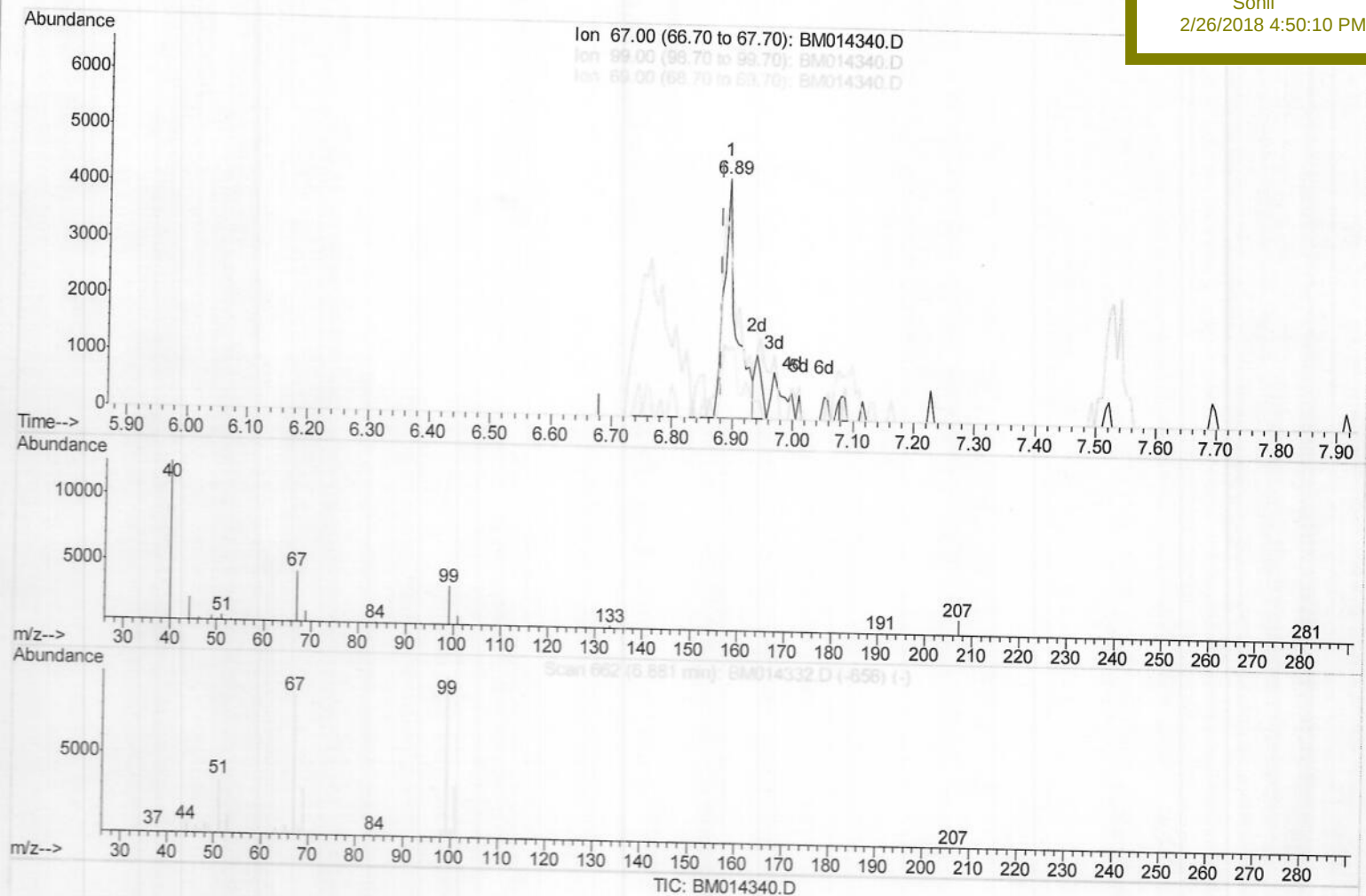
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 BNA_M
 ClientSampled :
 BE5Y4

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

6.892min (+0.012) 1.07ng/ul

response 6271

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	77.50#
69.00	36.30	28.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

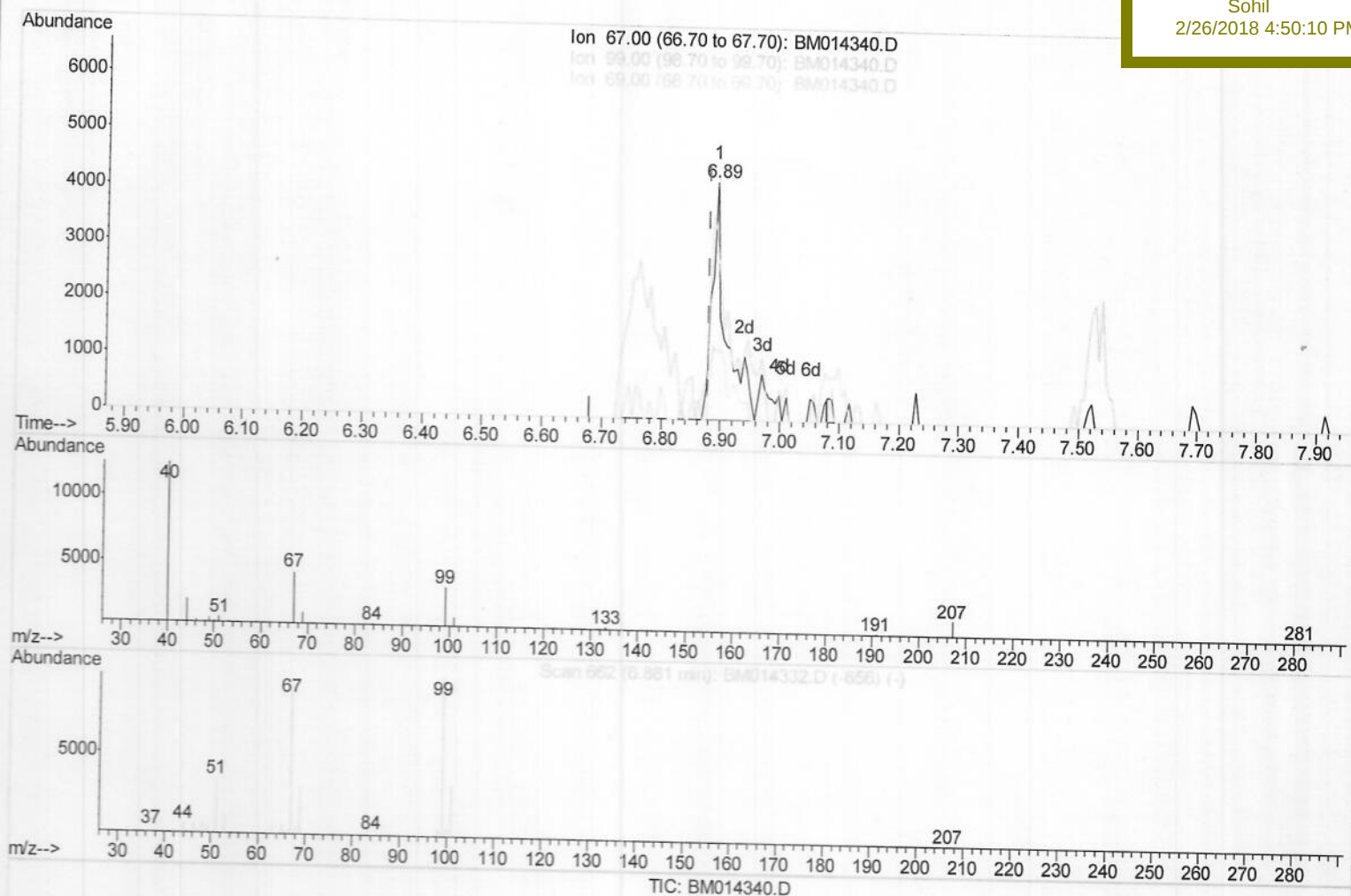
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Instrument :
 BNA_M
 Client Sampled :
 BE5Y4

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

6.892min (+0.012) 1.22ng/ul m

response 7123

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	77.50#
69.00	36.30	28.24#
0.00	0.00	0.00

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BE5Y4

Quant Time: Feb 23 23:19:35 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

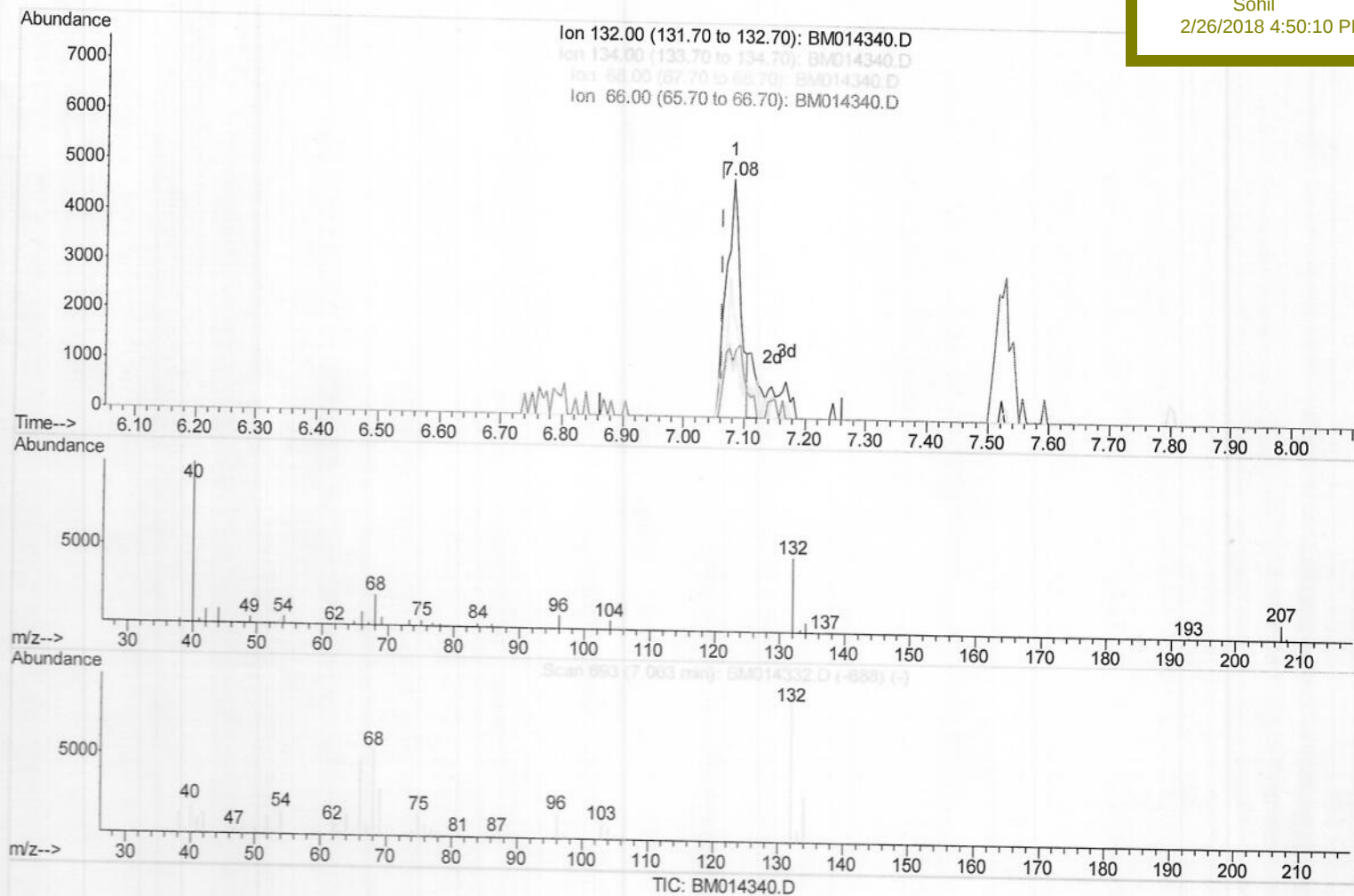
QLast Update : Fri Feb 23 23:12:42 2018

Response via : Initial Calibration

Manual Integrations
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(9) 2-Chlorophenol-d4 (S)

7.081min (+0.018) 1.07ng/ul

response 7920

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	19.30#
68.00	51.20	44.66
66.00	41.70	23.53#

Quantitation Report (Qedit)

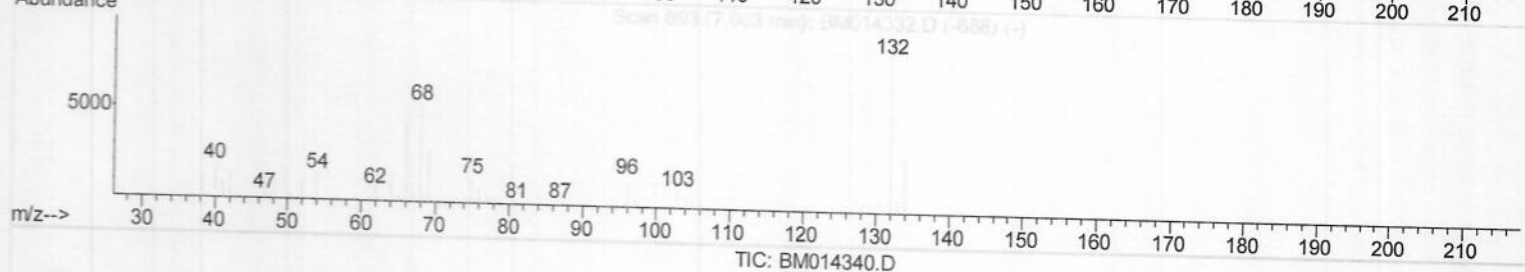
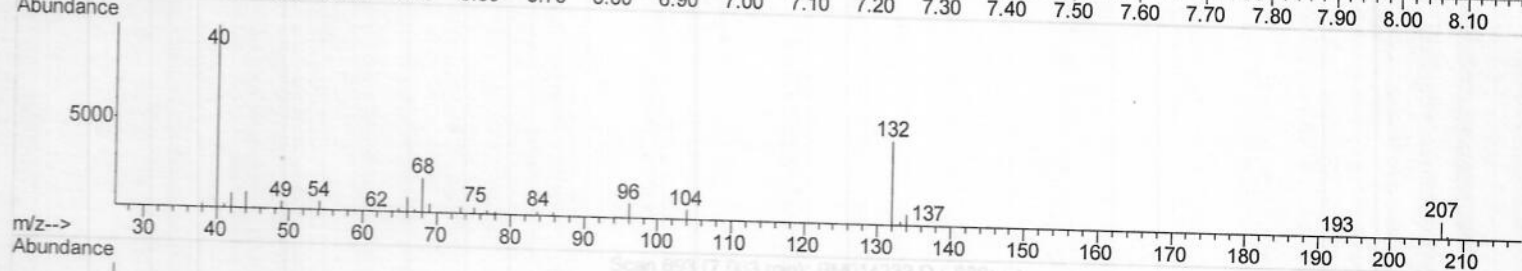
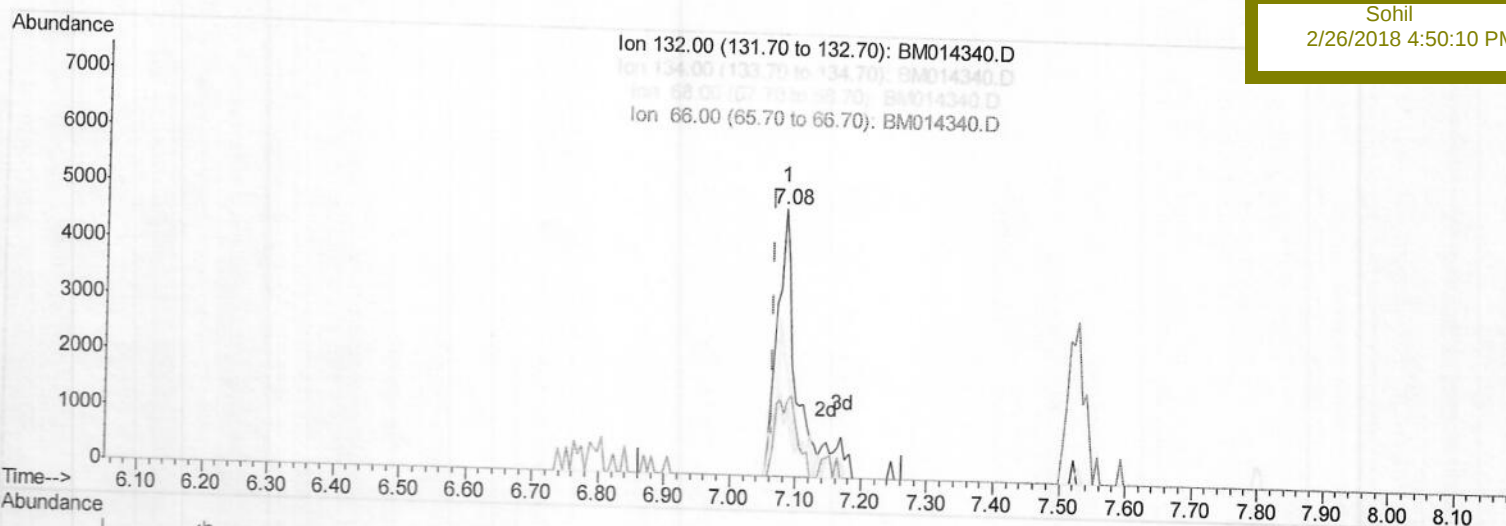
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 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y4

Manual Integrations
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(9) 2-Chlorophenol-d4 (S)

7.081min (+0.018) 1.46ng/ul m

response 10770

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	19.30#
68.00	51.20	44.66
66.00	41.70	23.53#

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\

Data File : BM014340.D

Acq On : 23 Feb 2018 20:44

Operator : SJ/JU

Sample : J1631-01 10X

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 24 00:46:43 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 23 23:12:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

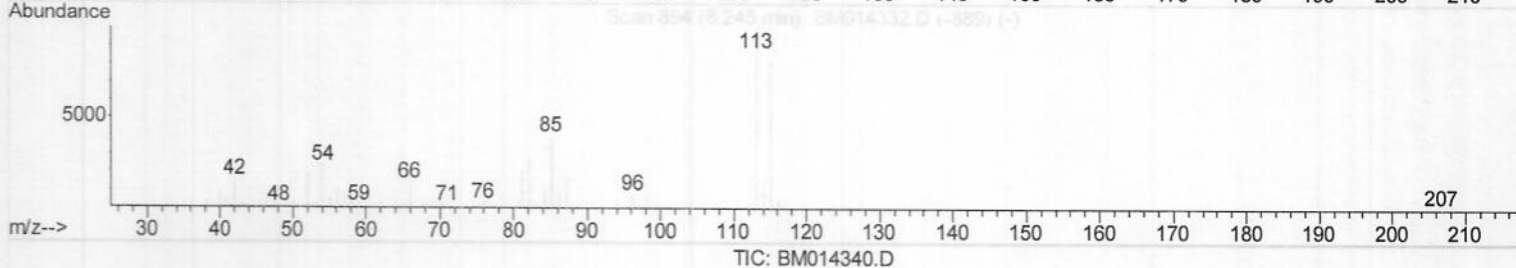
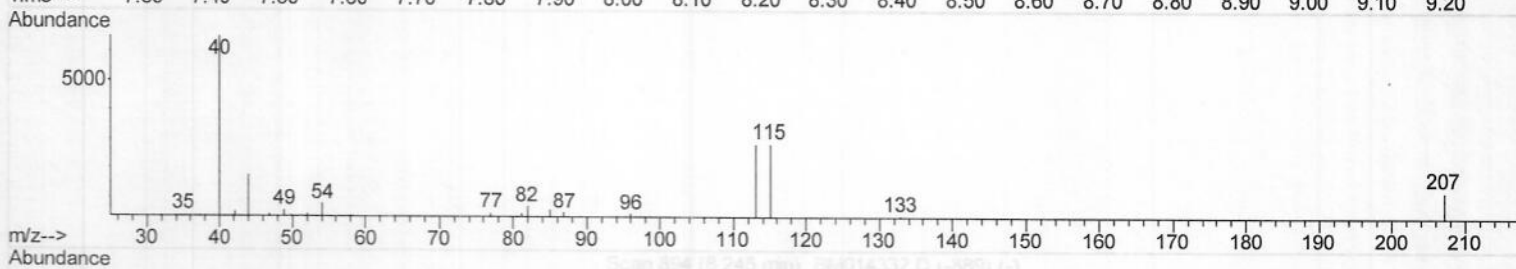
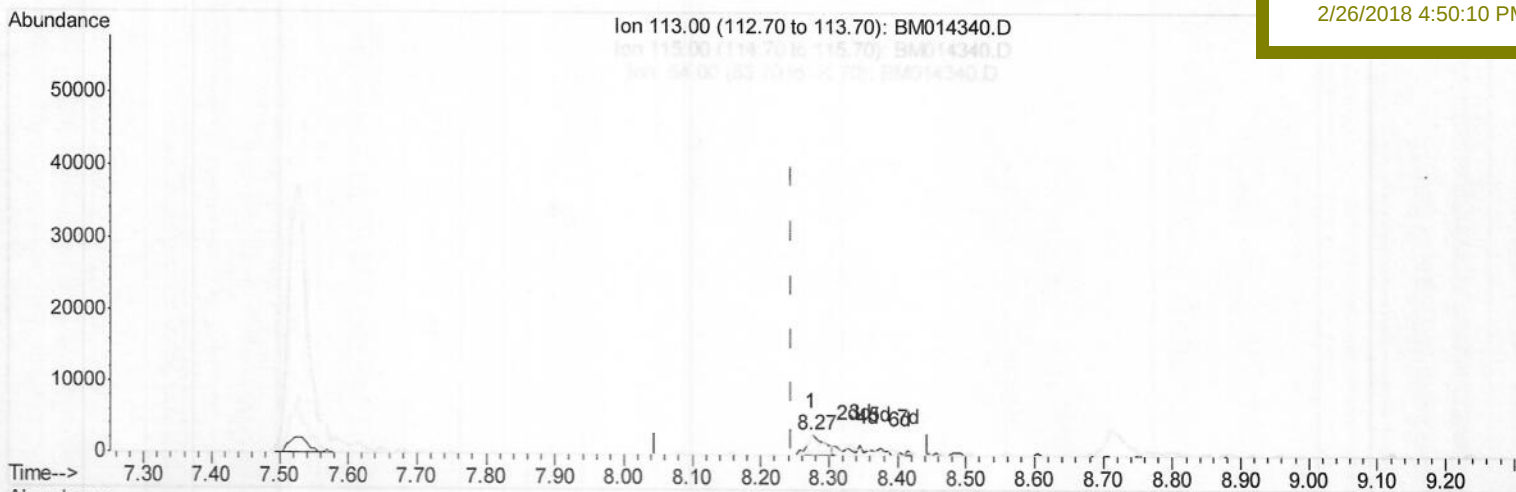
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Manual Integrations

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(13) 4-Methylphenol-d8 (S)

8.275min (+0.029) 0.59ng/ul

response 4966

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	100.95
54.00	18.90	26.65#
0.00	0.00	0.00

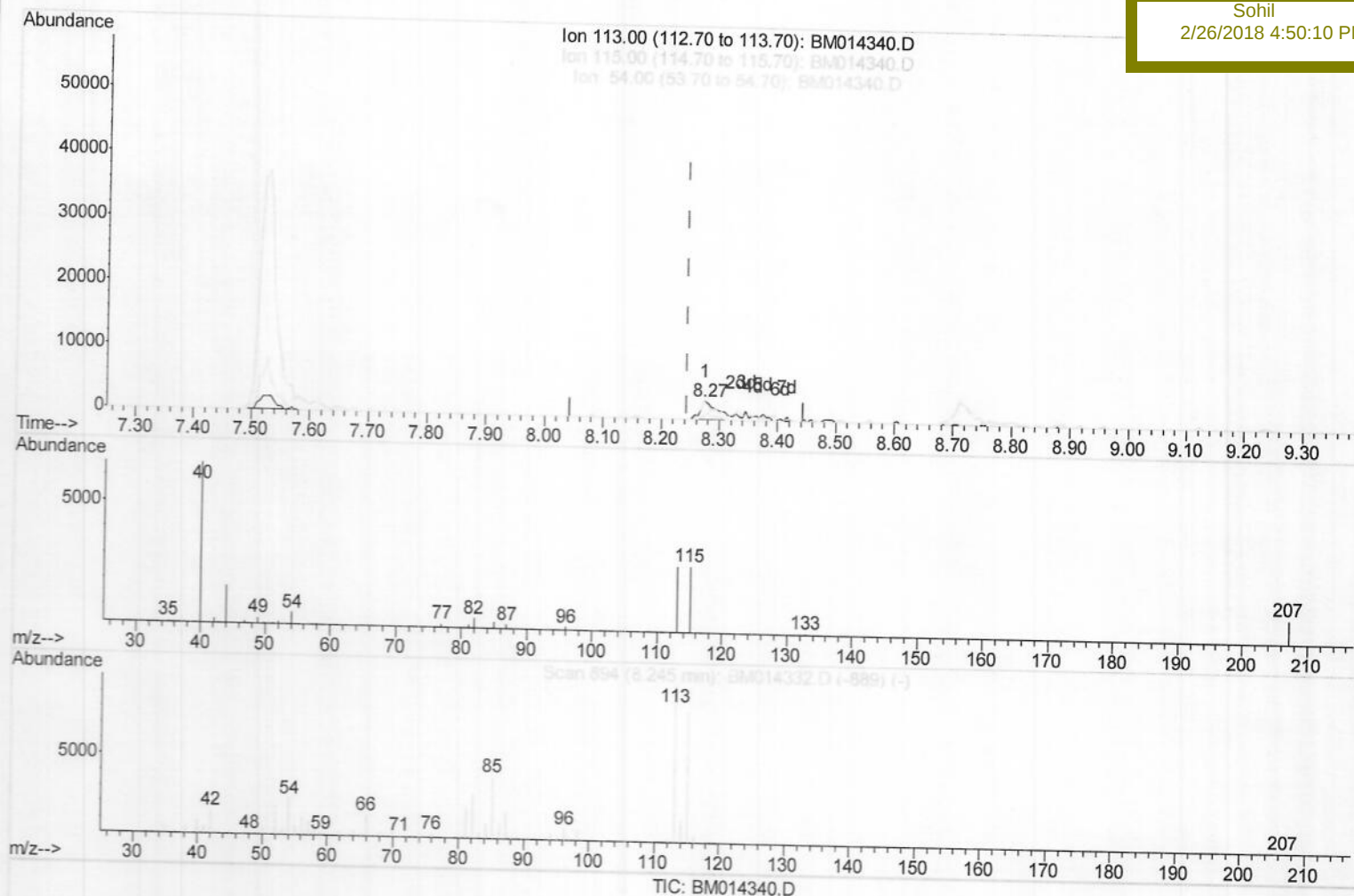
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014340.D
Acq On : 23 Feb 2018 20:44
Operator : SJ/JU
Sample : J1631-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 24 00:46:43 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Manual Integrations
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(13) 4-Methylphenol-d8 (S)

8.275min (+0.029) 1.01ng/ul m

response 8486

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	100.95
54.00	18.90	26.65#
0.00	0.00	0.00

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Quantitation Report (Qedit)

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Instrument :

BNA_M

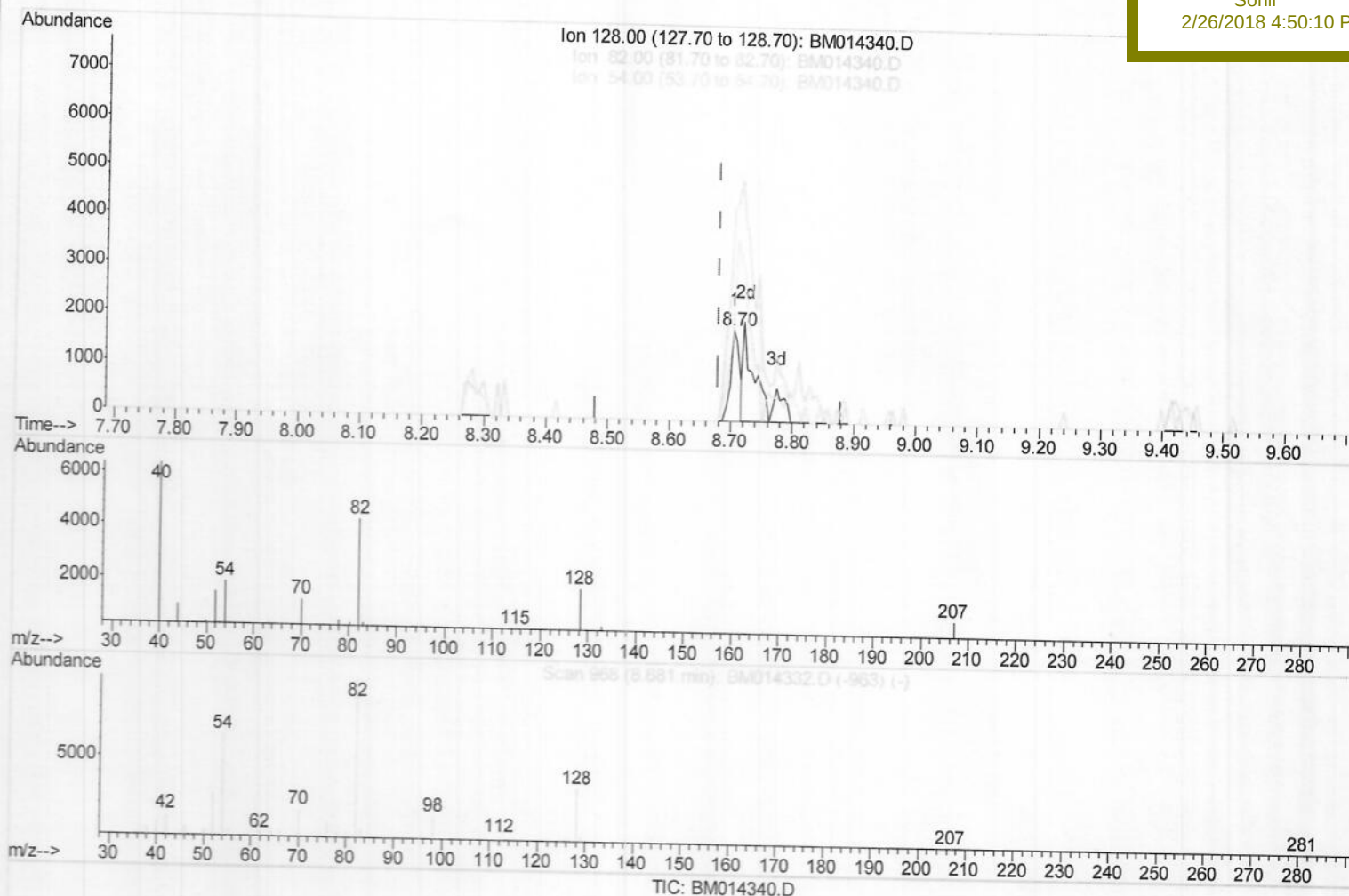
Client Sampled :

BE5Y4

Manual Integrations
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(19) Nitrobenzene-d5 (S)

8.704min (+0.023) 0.50ng/ul

response 1904

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	230.87#
54.00	142.70	101.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

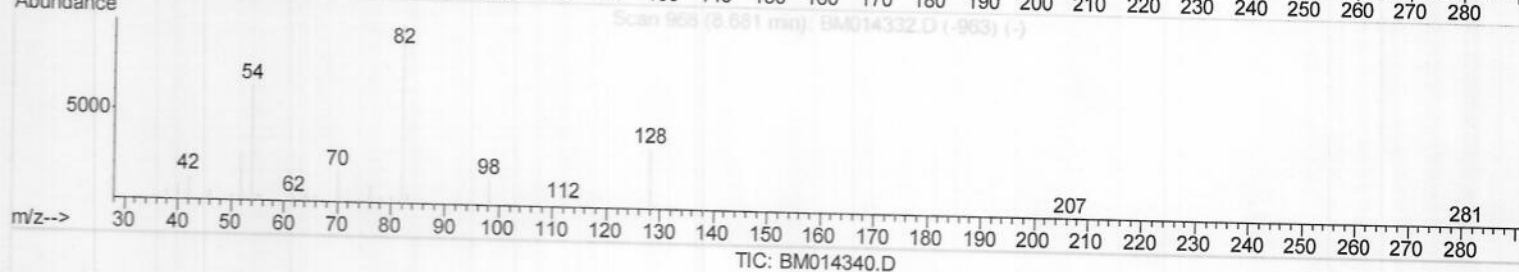
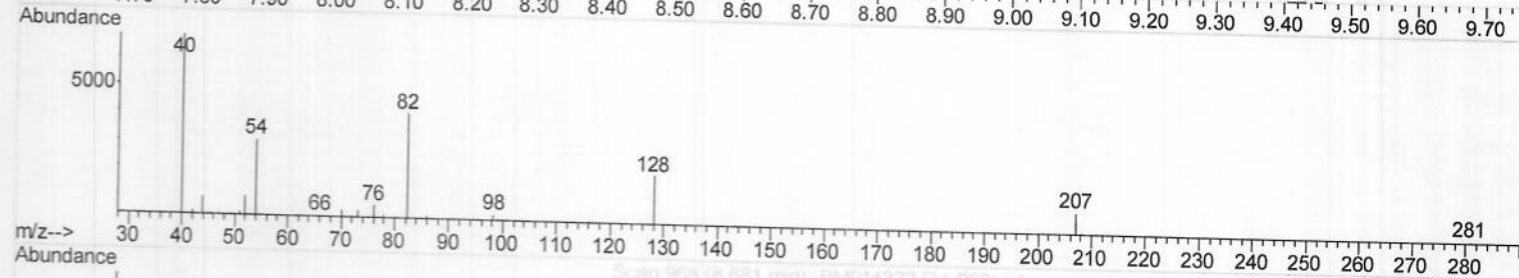
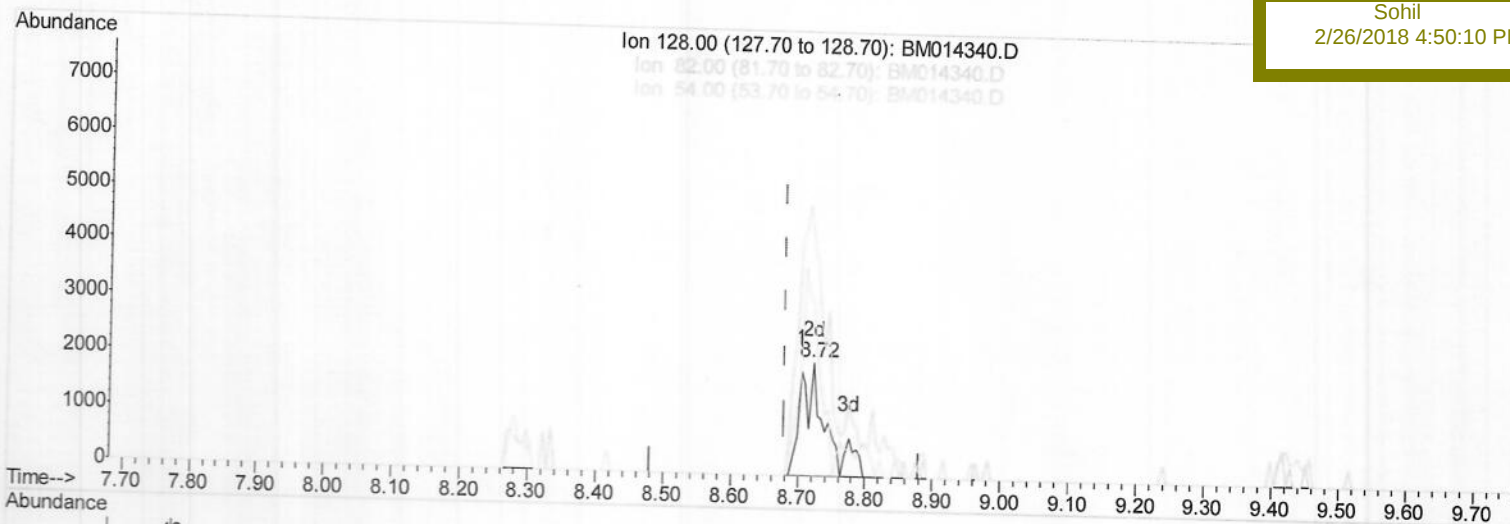
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014340.D
 Acq On : 23 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1631-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 24 00:46:43 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 BE5Y4

Manual Integrations
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(19) Nitrobenzene-d5 (S)

8.722min (+0.041) 1.15ng/ul m

response 4395

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	201.77#
54.00	142.70	150.02
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014340.D
 Acq On : 23 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1631-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 24 00:47:27 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
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Instrument :

BNA_M

ClientSampleId :

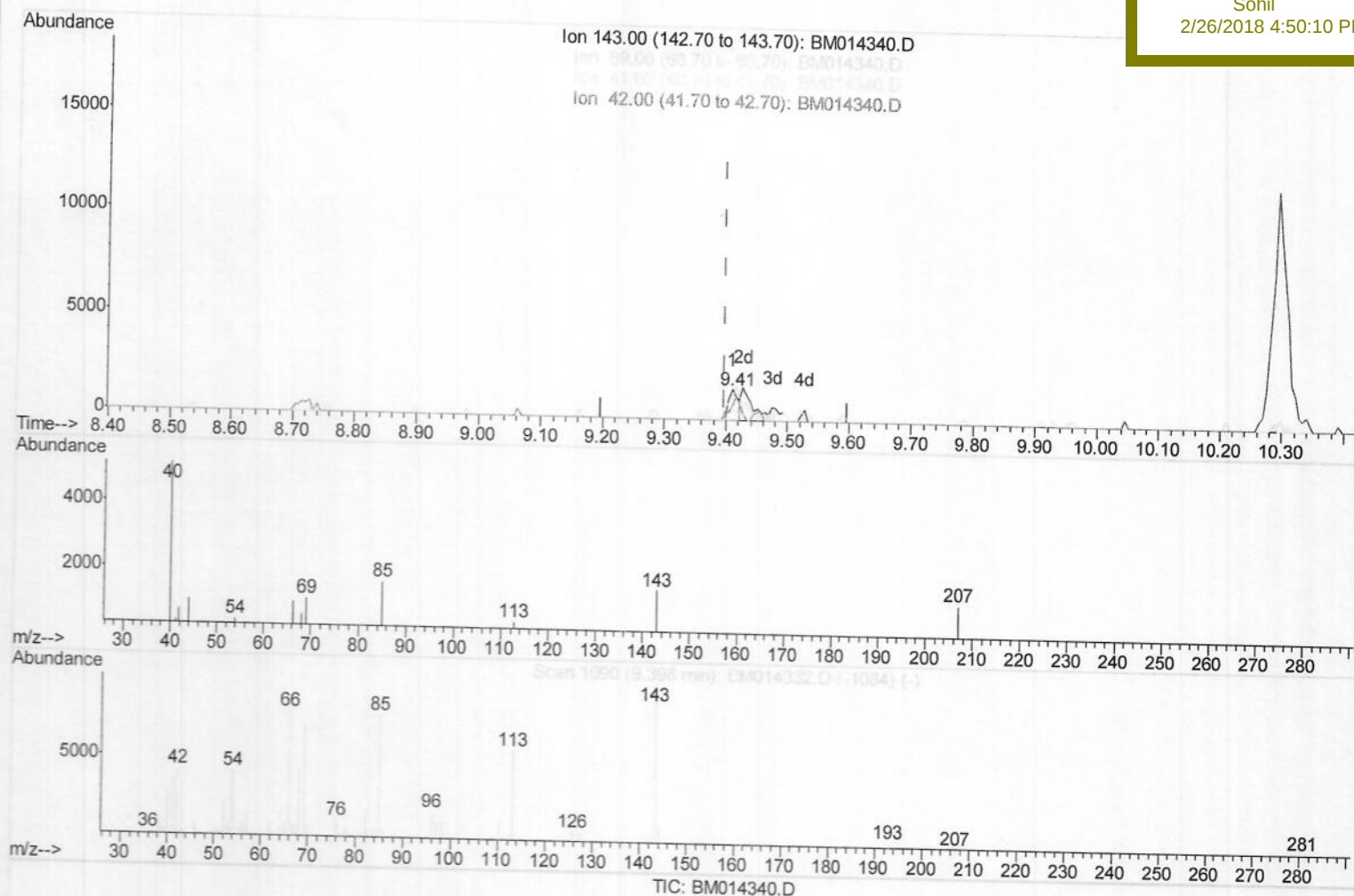
BE5Y4

Manual Integrations

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(22) 2-Nitrophenol-d4 (S)

9.410min (+0.012) 0.43ng/ul

response 1697

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	71.96
41.00	23.80	26.70
42.00	24.30	48.34#

Quantitation Report (Qedit)

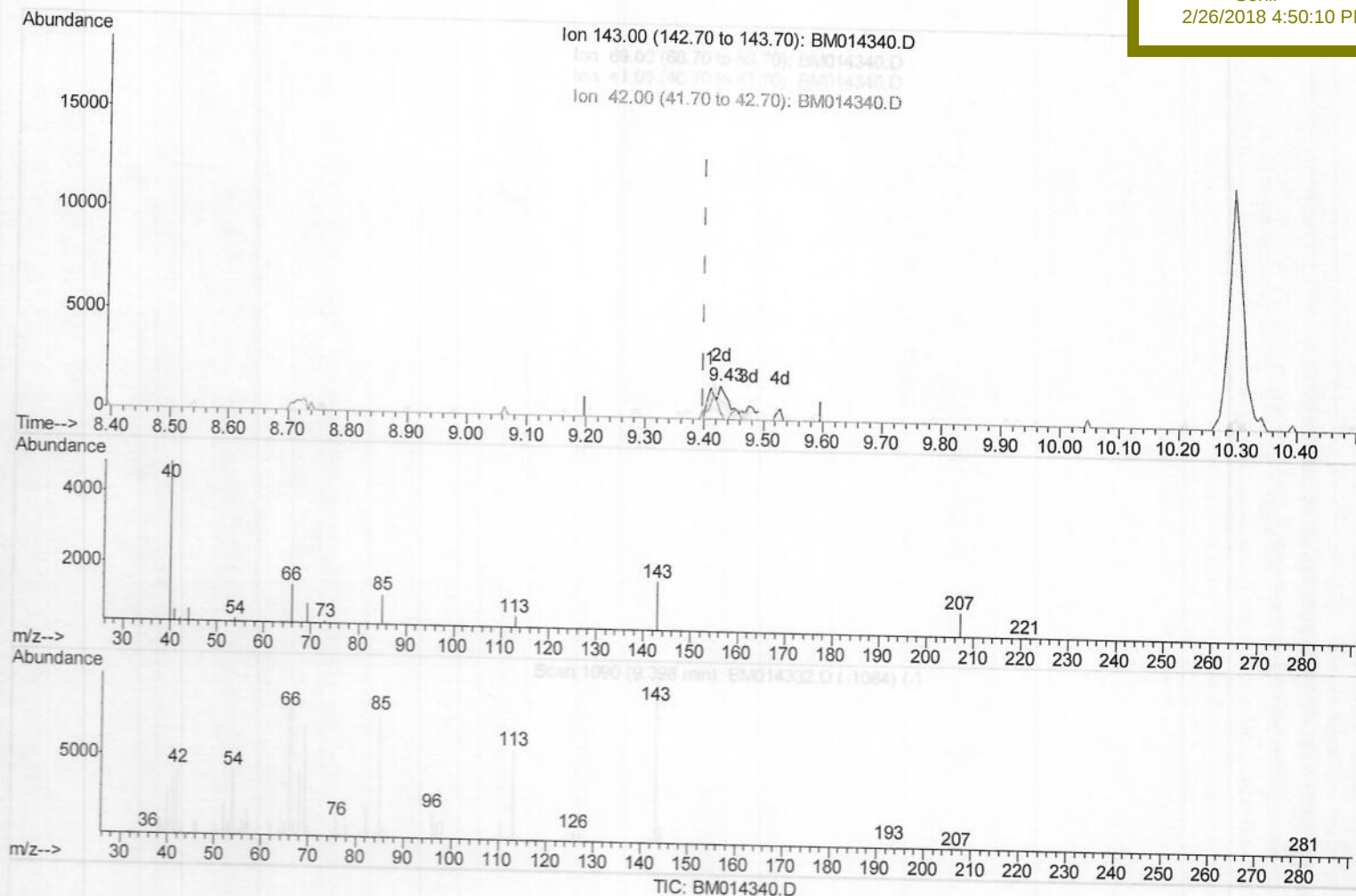
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
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 BE5Y4

Manual Integrations
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(22) 2-Nitrophenol-d4 (S)

9.428min (+0.029) 1.21ng/ul m

response 4765

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Ion	Exp%	Act%
143.00	100	100
69.00	62.50	52.17
41.00	23.80	37.05#
42.00	24.30	22.51

Quantitation Report (Qedit)

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BNA_M

ClientSampleId :

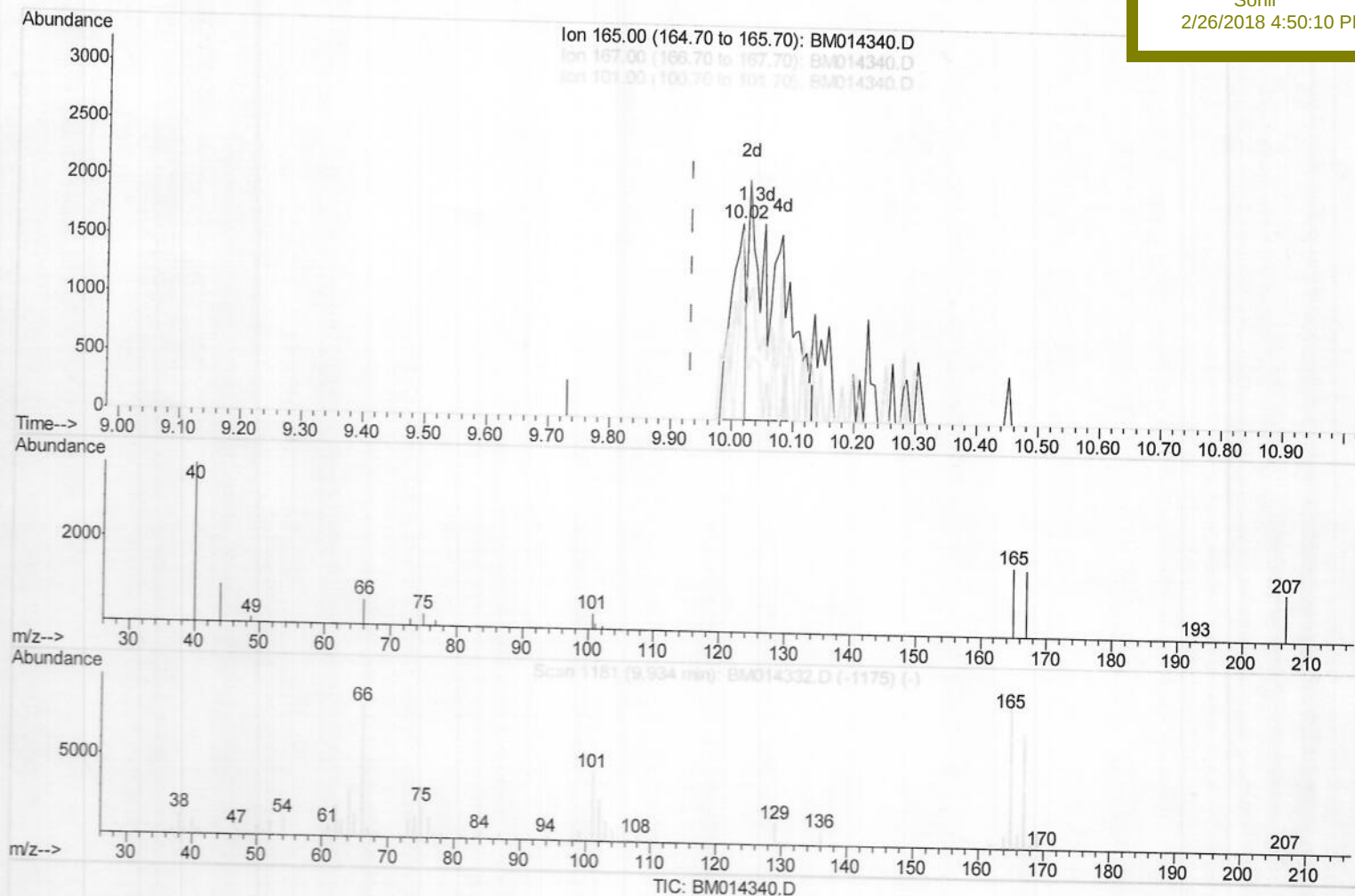
BE5Y4

Manual Integrations

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

10.016min (+0.082) 0.33ng/ul

response 2722

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	96.62#
101.00	29.30	61.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

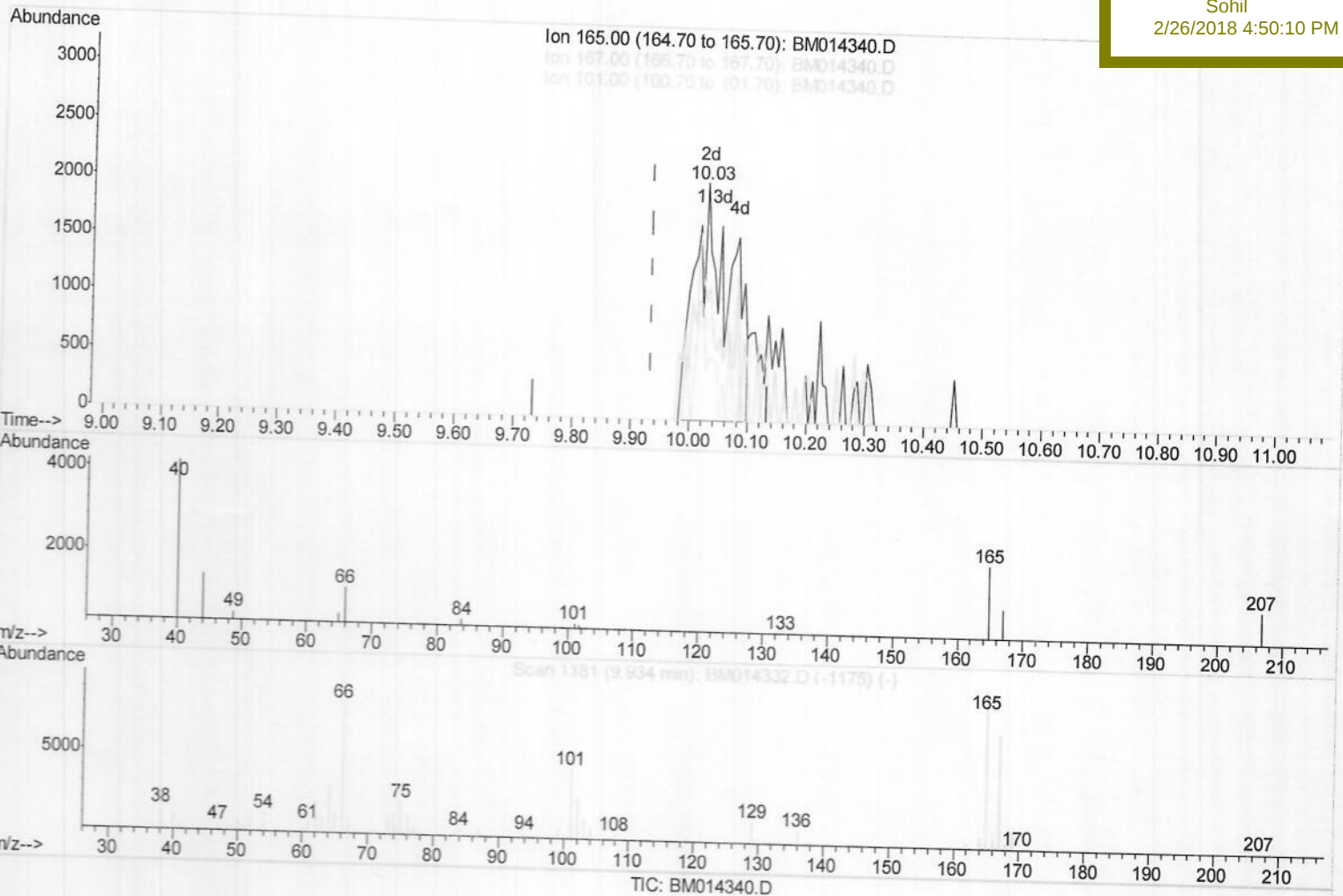
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
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Manual Integrations
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(26) 2,4-Dichlorophenol-d3 (S)

10.028min (+0.094) 1.03ng/ul m

response 8421

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	49.27#
101.00	29.30	20.39#
0.00	0.00	0.00

→ SJ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	114113	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	516904	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	316521	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	685243	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	645169	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	526625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1416	0.53	ng/ul	0.00
5) Phenol-d5	6.76	99	10436m	1.08	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.89	67	7123m	1.22	ng/ul	0.01
9) 2-Chlorophenol-d4	7.08	132	10770m	1.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.27	113	8486m	1.01	ng/ul	0.03
19) Nitrobenzene-d5	8.72	128	4395m	1.15	ng/ul	0.04
22) 2-Nitrophenol-d4	9.43	143	4765m	1.21	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.03	165	8421m	1.03	ng/ul	0.09
29) 4-Chloroaniline-d4	10.53	131	150	0.02	ng/ul	0.07
43) Dimethylphthalate-d6	13.61	166	44313	1.70	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	53943	1.67	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.19	176	41277	1.76	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	1799	0.44	ng/ul	0.04
70) Anthracene-d10	17.04	188	64117	1.94	ng/ul	0.00
76) Pyrene-d10	19.34	212	72420	2.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	57611	2.25	ng/ul	0.00

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Target Compounds

					Ovalue
69) Phenanthrene	16.99	178	98448	2.494	ng/ul 96
74) Fluoranthene	19.01	202	186556	3.955	ng/ul# 92
77) Pvrene	19.38	202	163689	3.818	ng/ul# 97
80) Benzo(a)anthracene	21.13	228	87802	2.181	ng/ul 93
82) Chrysene	21.19	228	84425	2.248	ng/ul 99
85) Benzo(b)fluoranthene	22.68	252	102801	2.915	ng/ul# 97
88) Benzo(a)pvrene	23.23	252	63720	2.022	ng/ul# 91
89) Indeno(1,2,3-cd)pvrene	25.47	276	43961	1.438	ng/ul 98

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