

Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 02:05:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Instrument :

BNA_M

Client Sample Id :

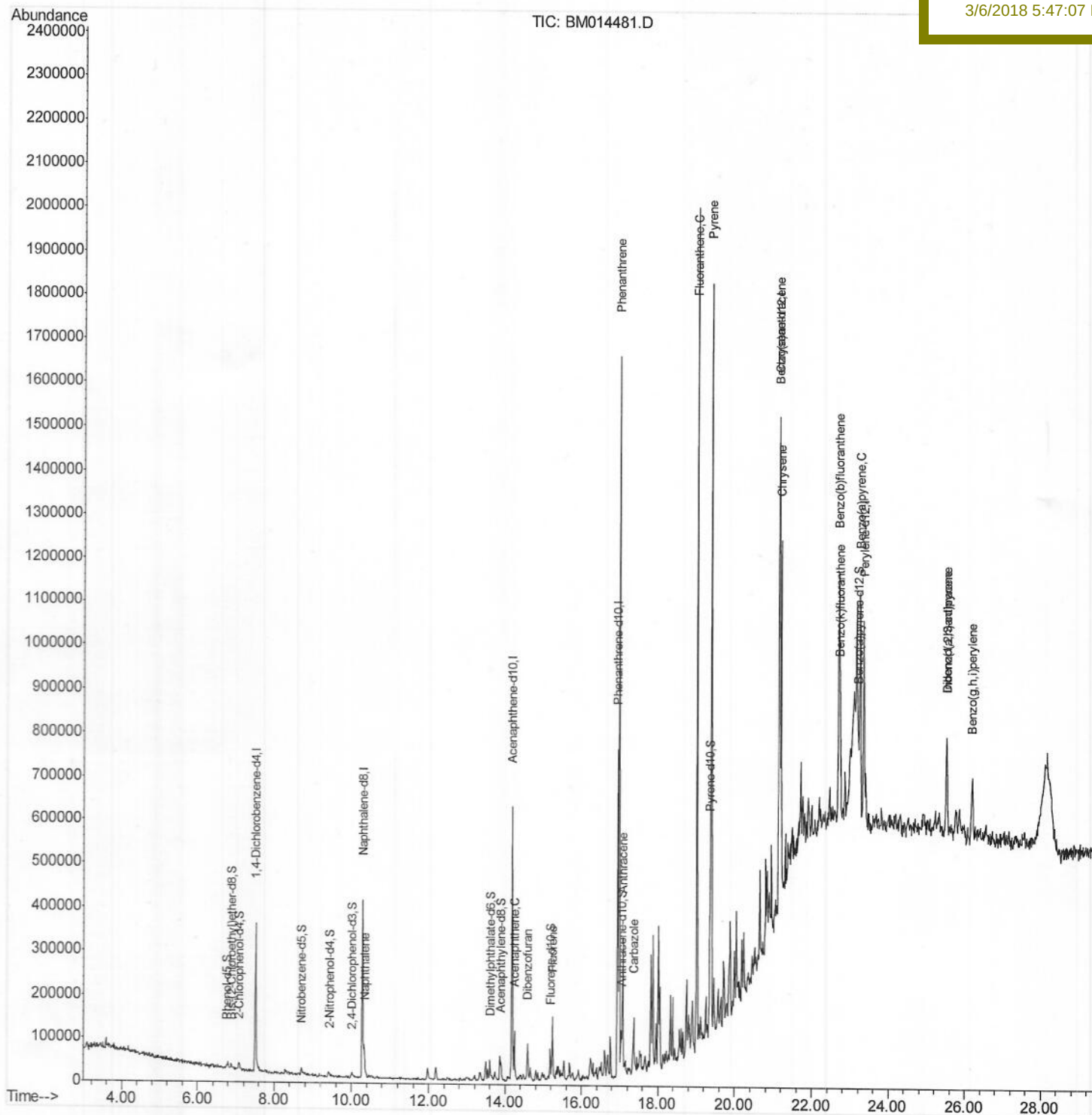
BE5W0DL

Manual Integrations

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Quantitation Report (Qedit)

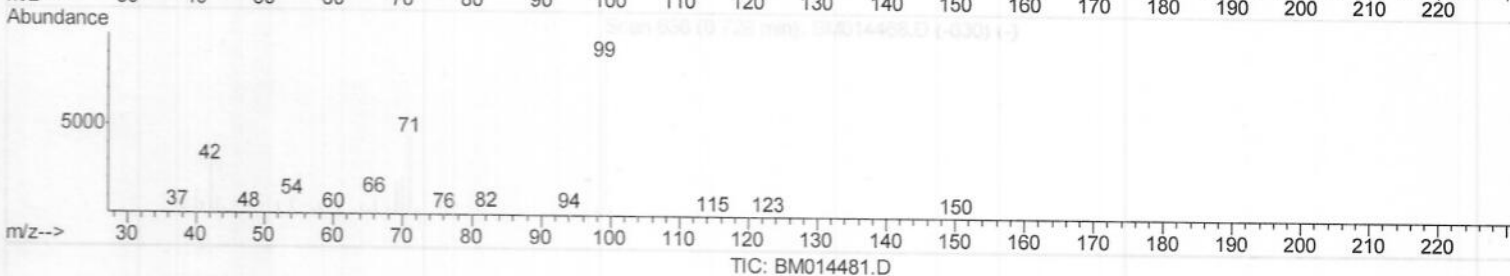
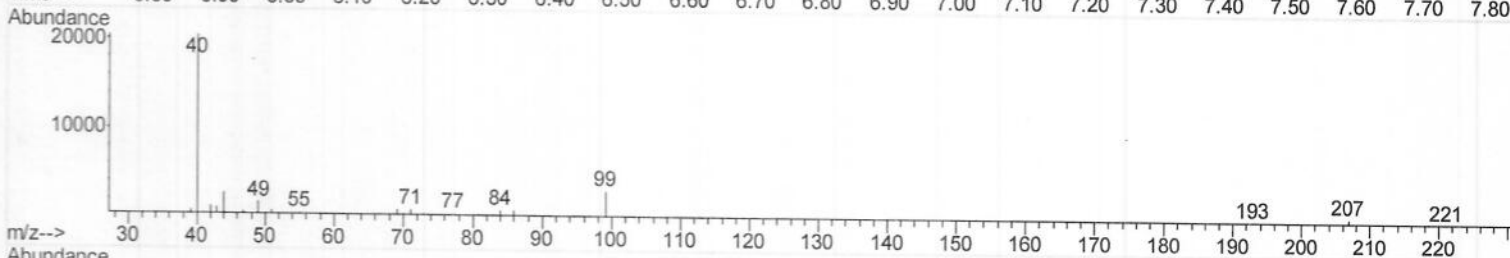
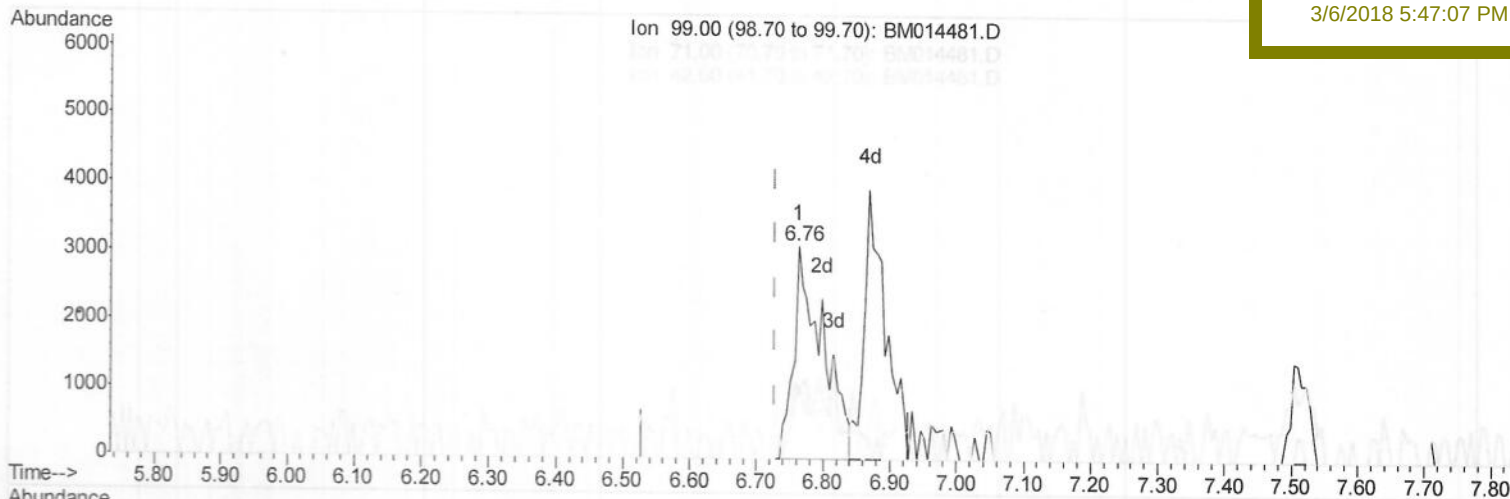
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
 Data File : BM014481.D
 Acq On : 05 Mar 2018 20:11
 Operator : SJ/JU
 Sample : J1678-10DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 02:05:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W0DL

Manual Integrations
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(5) Phenol-d5 (S)

6.763min (+0.035) 1.31ng/ul m

response 9438

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	30.09#
42.00	24.20	35.05#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 14 16:00:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 14:44:34 2018
Response via : Initial Calibration

Instrument :

BNA_M

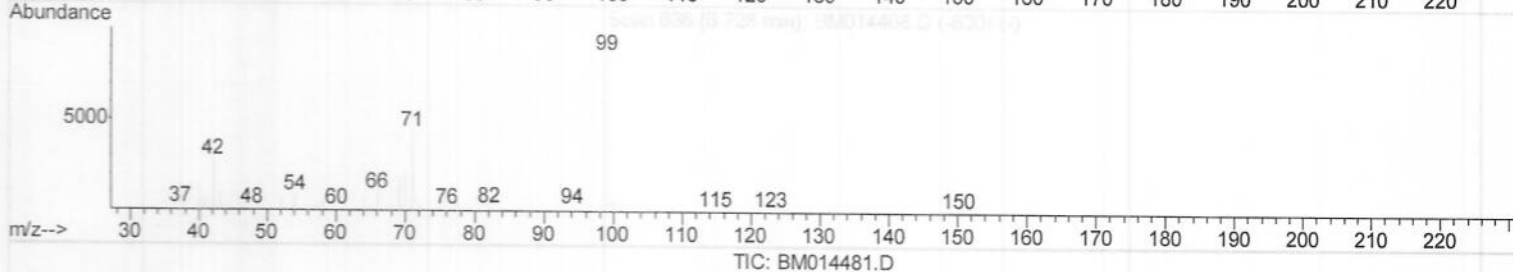
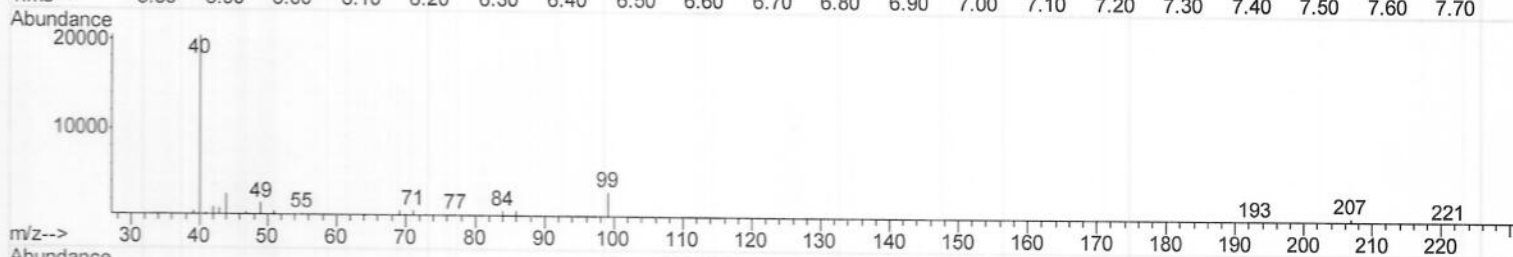
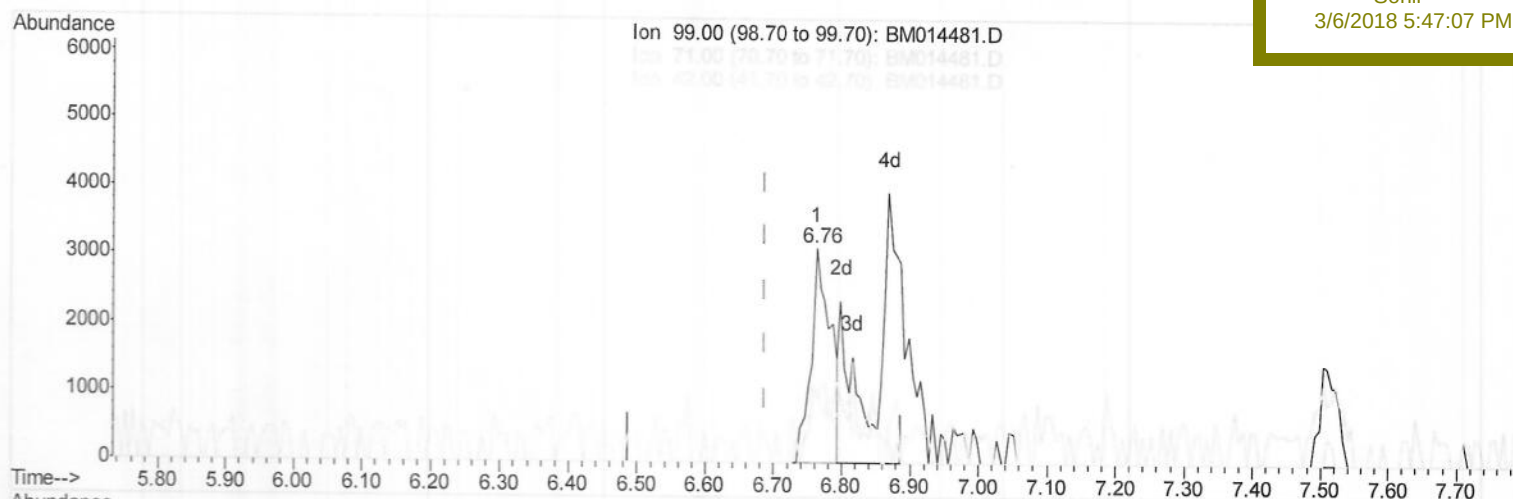
ClientSampleId :

BE5W0DL

Manual Integrations
APPROVED

Sohil

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(5) Phenol-d5 (S)

6.763min (+0.076) 0.84ng/ul

response 6100

Ion	Exp%	Act%
-----	------	------

99.00	100	100
-------	-----	-----

71.00	55.00	30.09#
-------	-------	--------

42.00	24.20	35.05#
-------	-------	--------

0.00	0.00	0.00
------	------	------

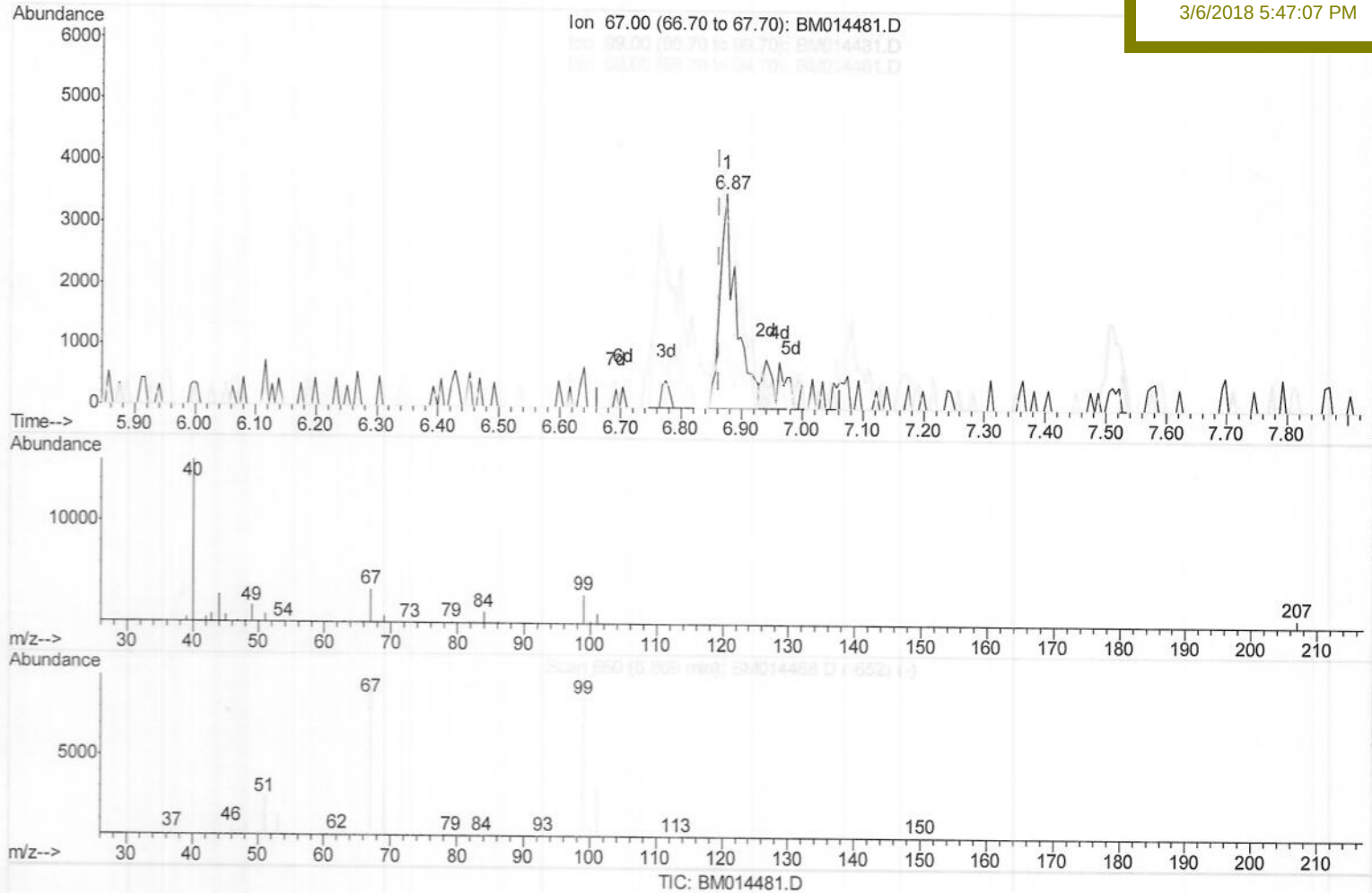
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 02:05:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5W0DL

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

6.875min (+0.011) 1.53ng/ul m

response 6698

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	87.85#
69.00	36.30	28.14#
0.00	0.00	0.00

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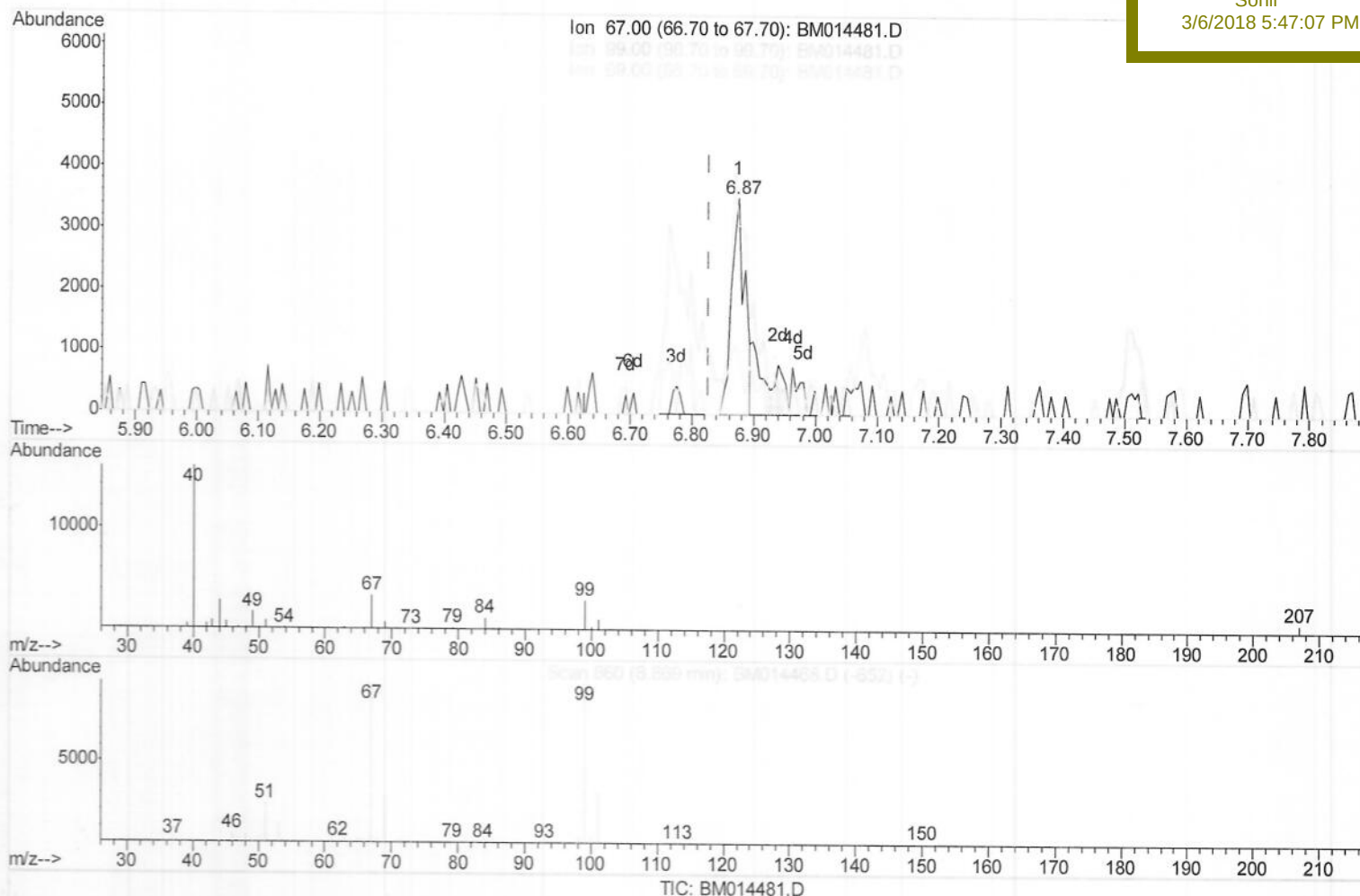
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 14 16:00:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 14:44:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5W0DL

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

6.875min (+0.047) 1.19ng/ul

response 5203

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	87.85#
69.00	36.30	28.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

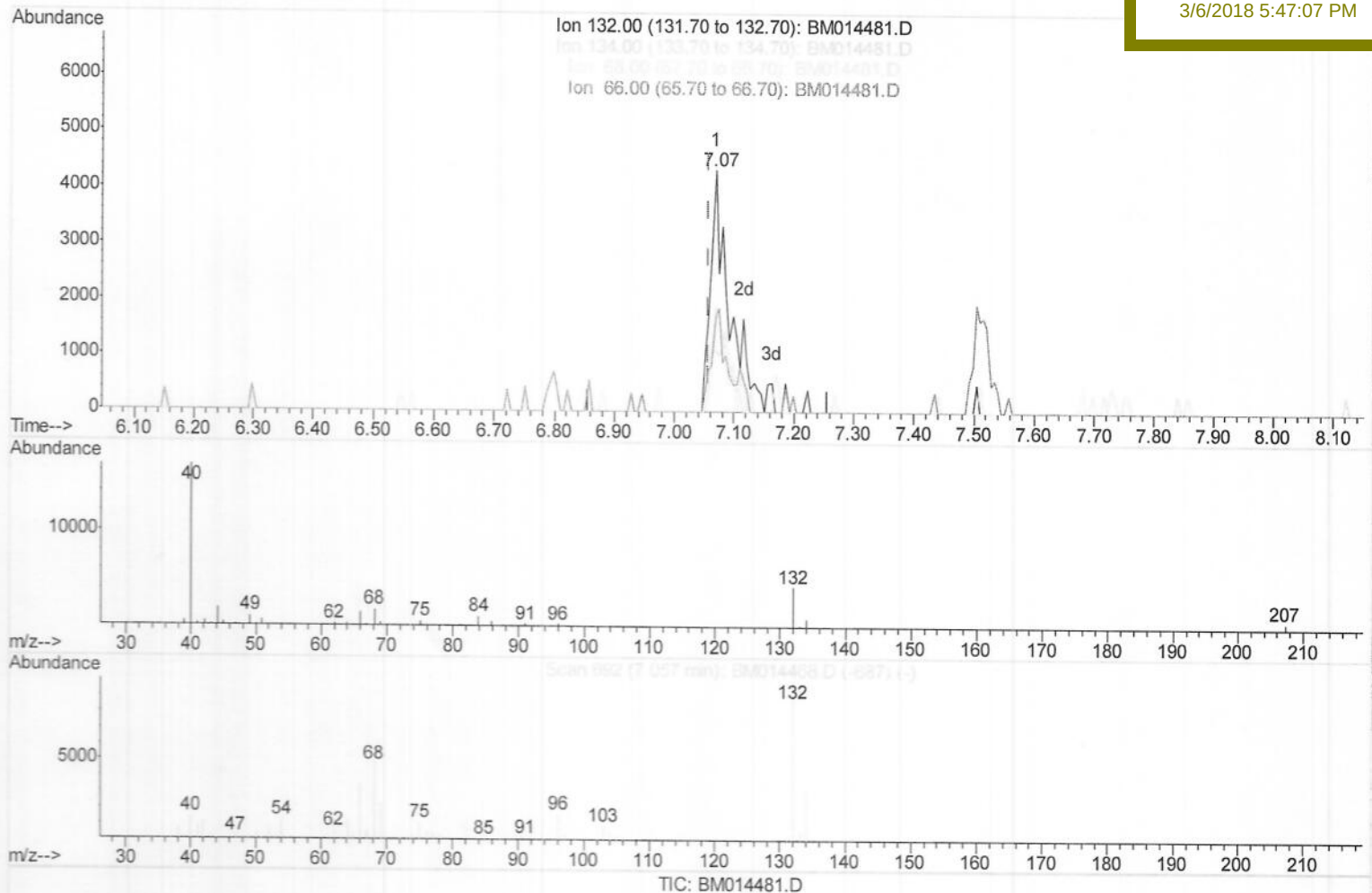
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
 Data File : BM014481.D
 Acq On : 05 Mar 2018 20:11
 Operator : SJ/JU
 Sample : J1678-10DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 02:05:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W0DL

Manual Integrations
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(9) 2-Chlorophenol-d4 (S)
 7.069min (+0.011) 1.71ng/ul m
 response 9487

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Ion	Exp%	Act%
132.00	100	100
134.00	34.10	26.07#
68.00	51.20	44.14
66.00	41.70	39.95

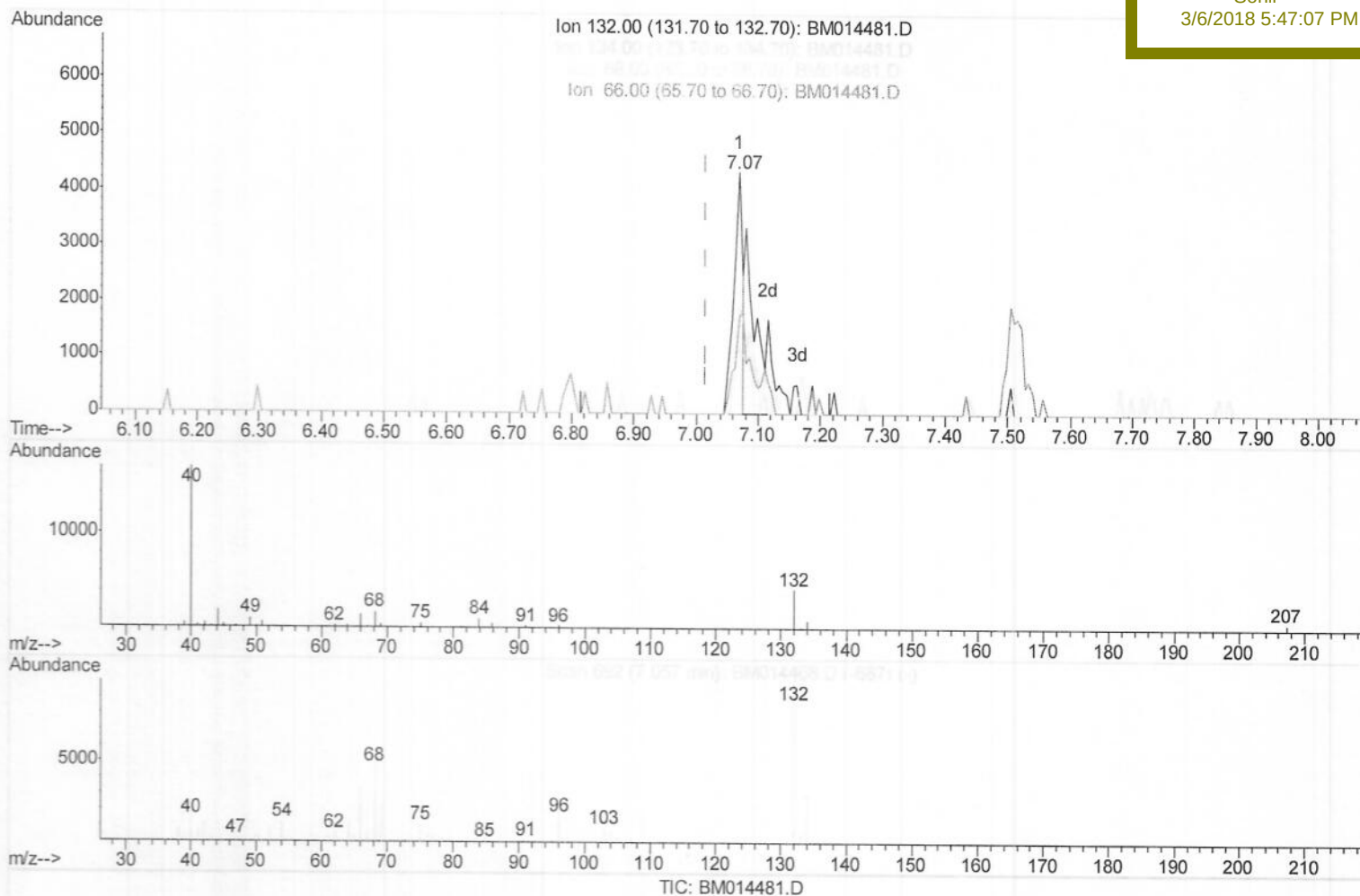
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 14 16:00:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 14:44:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5W0DL

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

7.069min (+0.053) 0.77ng/ul

response 4243

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	26.07#
68.00	51.20	44.14
66.00	41.70	39.95

Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 02:05:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Instrument :

BNA_M

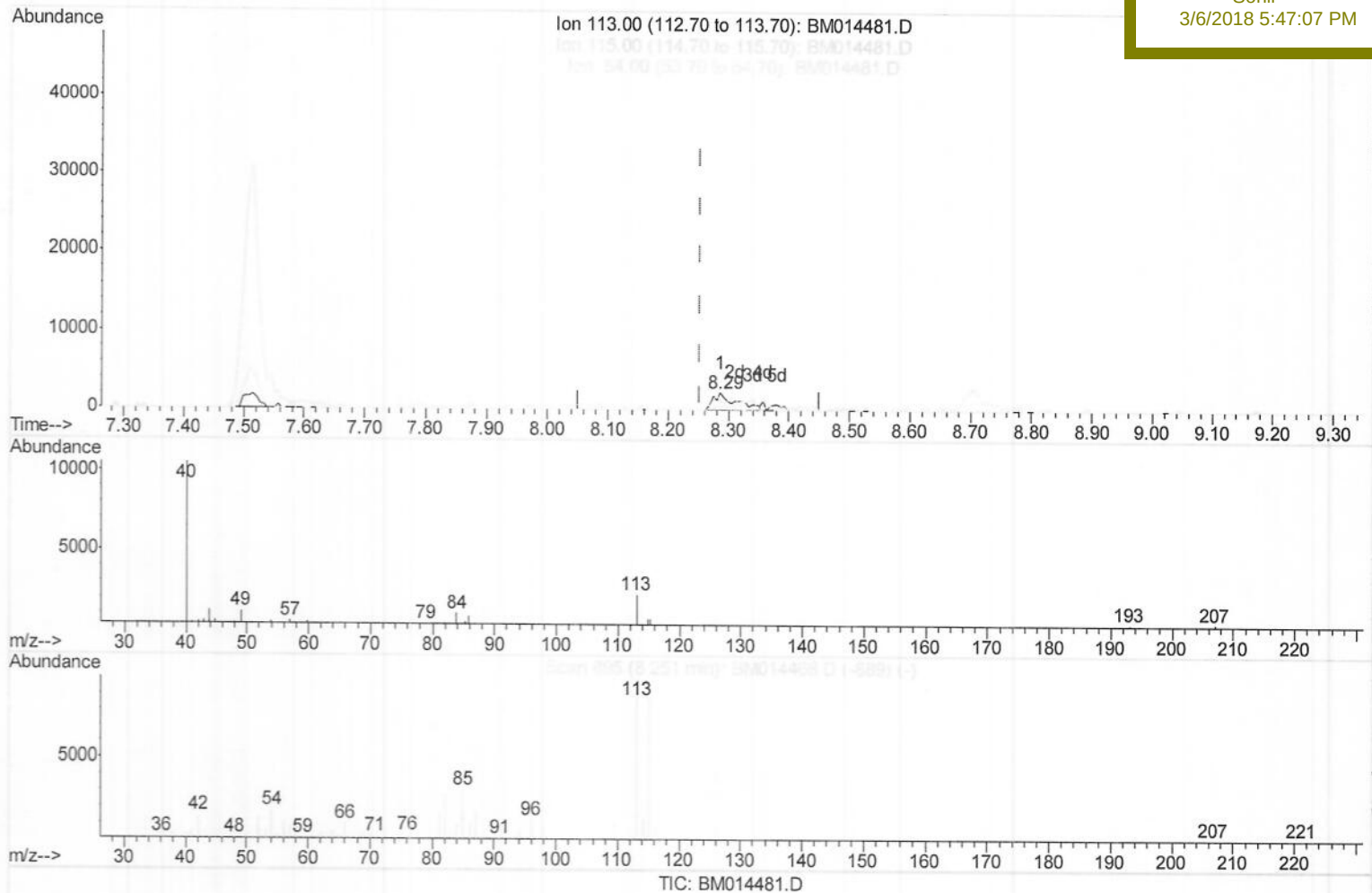
ClientSampleId :

BE5W0DL

Manual Integrations
APPROVED

Sohil

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(13) 4-Methylphenol-d8 (S)

8.287min (+0.035) 0.93ng/ul m

response 5910

Ion Exp% Act%

113.00 100 100

115.00 88.30 29.67#

54.00 18.90 19.87

0.00 0.00 0.00

SJ
03/06/18

Quantitation Report (Qedit)

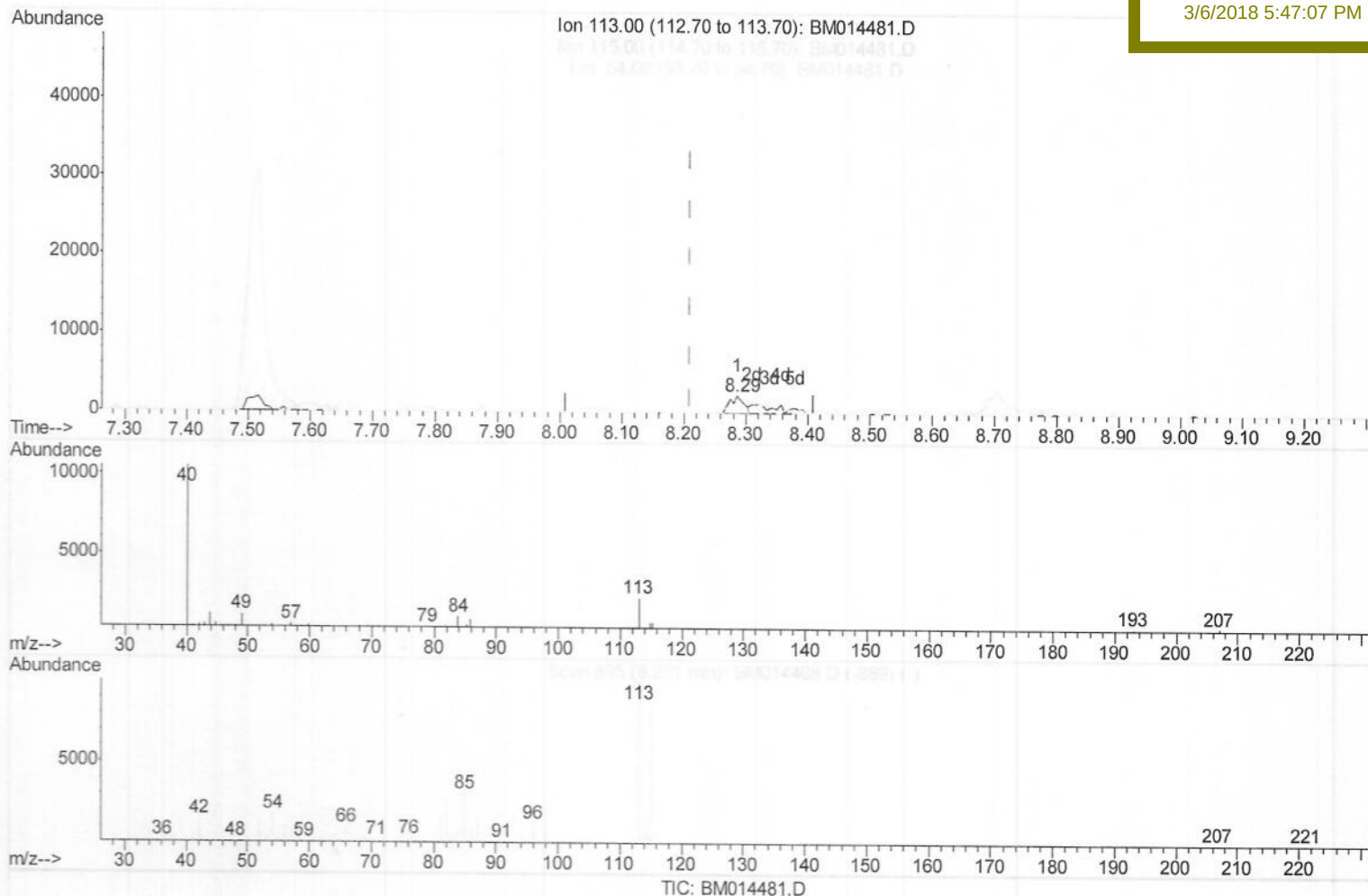
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
 Data File : BM014481.D
 Acq On : 05 Mar 2018 20:11
 Operator : SJ/JU
 Sample : J1678-10DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 14 16:00:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 14:44:34 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W0DL

Manual Integrations
 APPROVED

Sohil
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(13) 4-Methylphenol-d8 (S)

8.287min (+0.076) 0.55ng/ul

response 3485

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	58.11#
54.00	18.90	19.87
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\

Data File : BM014481.D

Acq On : 05 Mar 2018 20:11

Operator : SJ/JU

Sample : J1678-10DL 20X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 02:05:37 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon Mar 05 23:57:03 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

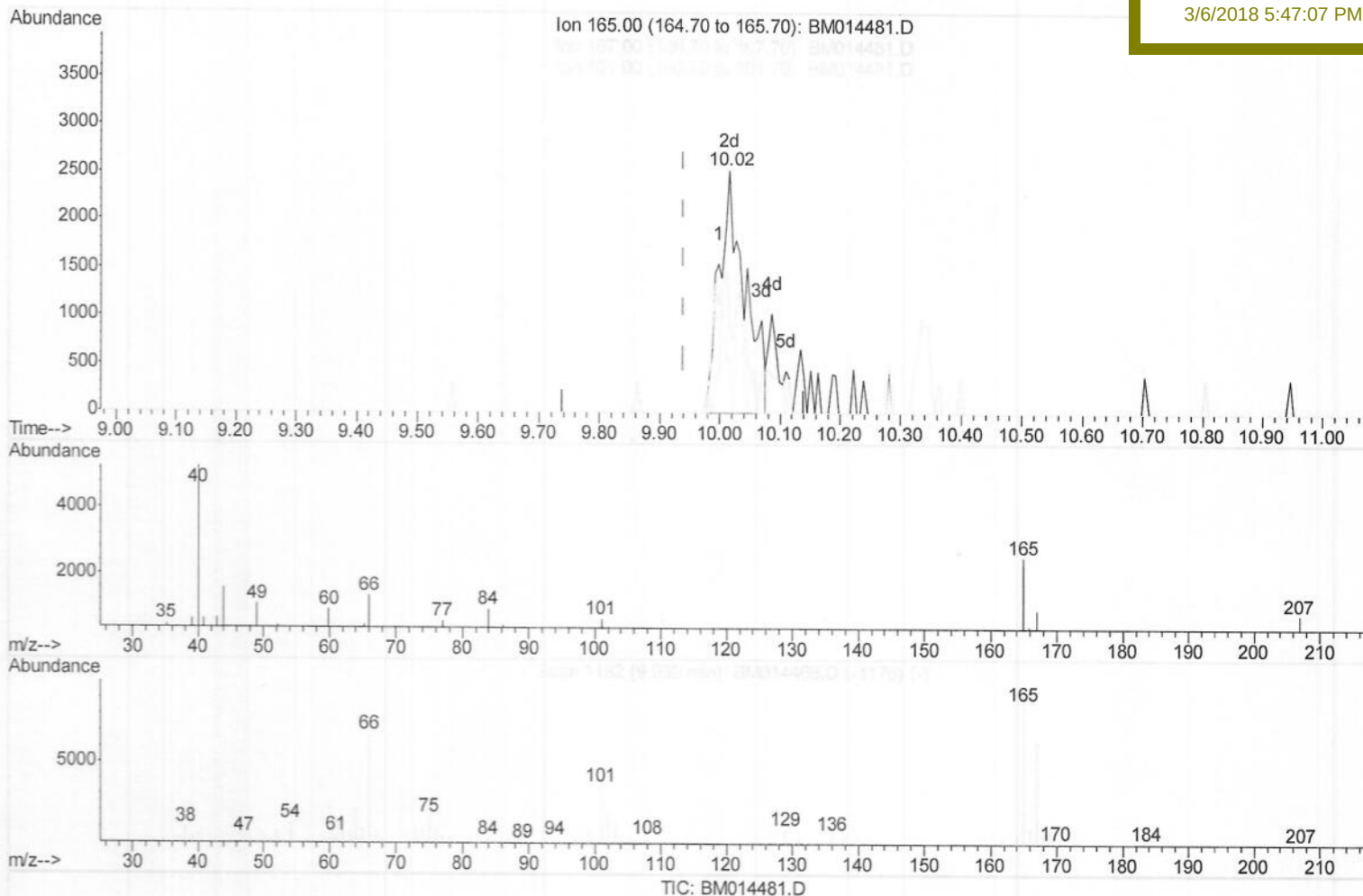
BE5W0DL

Manual Integrations

APPROVED

Sohil

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

10.016min (+0.076) 1.45ng/ul m

response 7535

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	35.28#
101.00	29.30	22.80#
0.00	0.00	0.00

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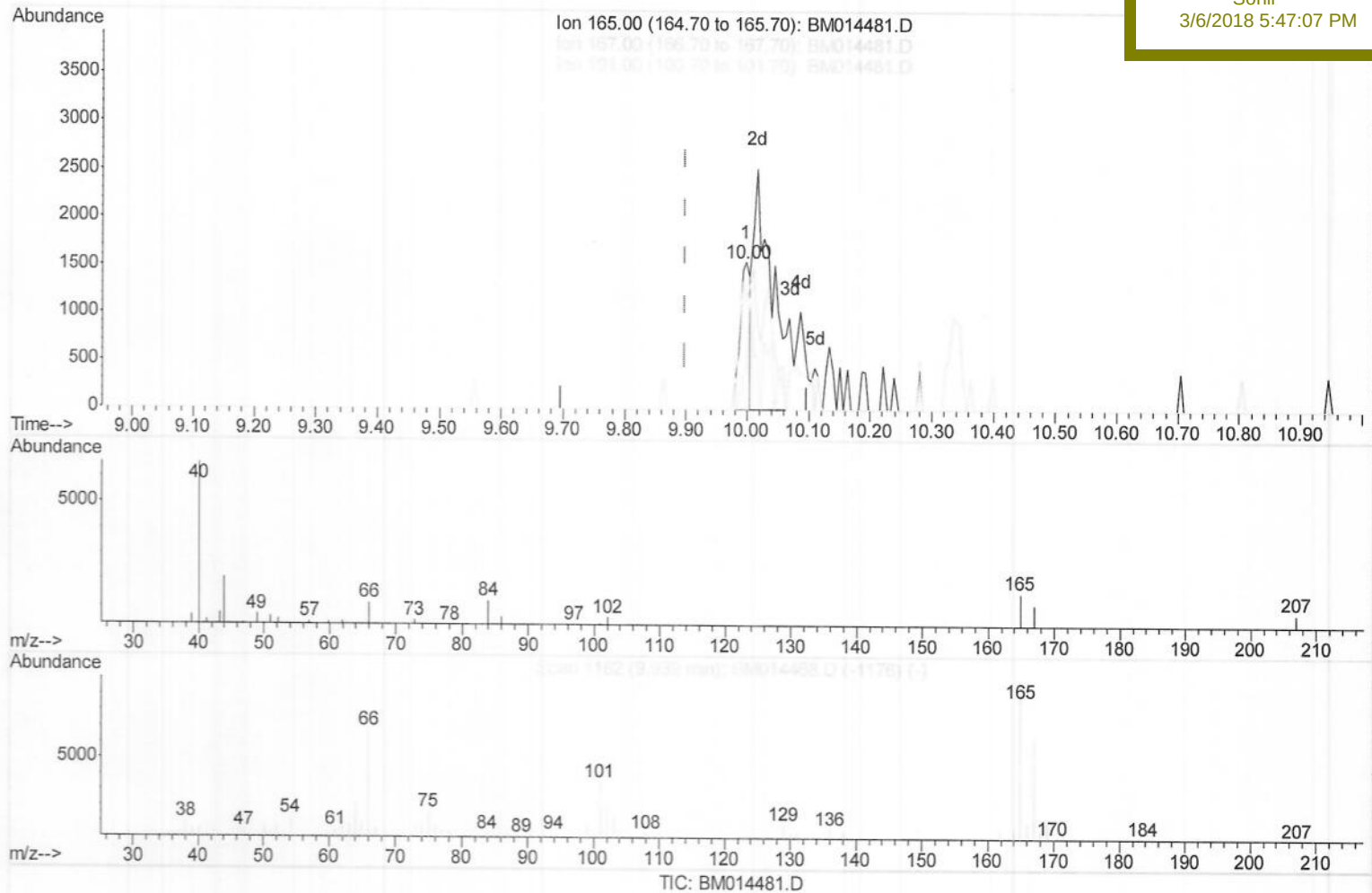
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 14 16:00:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 14:44:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5W0DL

Manual Integrations
APPROVED

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

9.998min (+0.100) 0.36ng/ul

response 1874

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	72.87
101.00	29.30	23.90
0.00	0.00	0.00

Quantitation Report (Qedit)

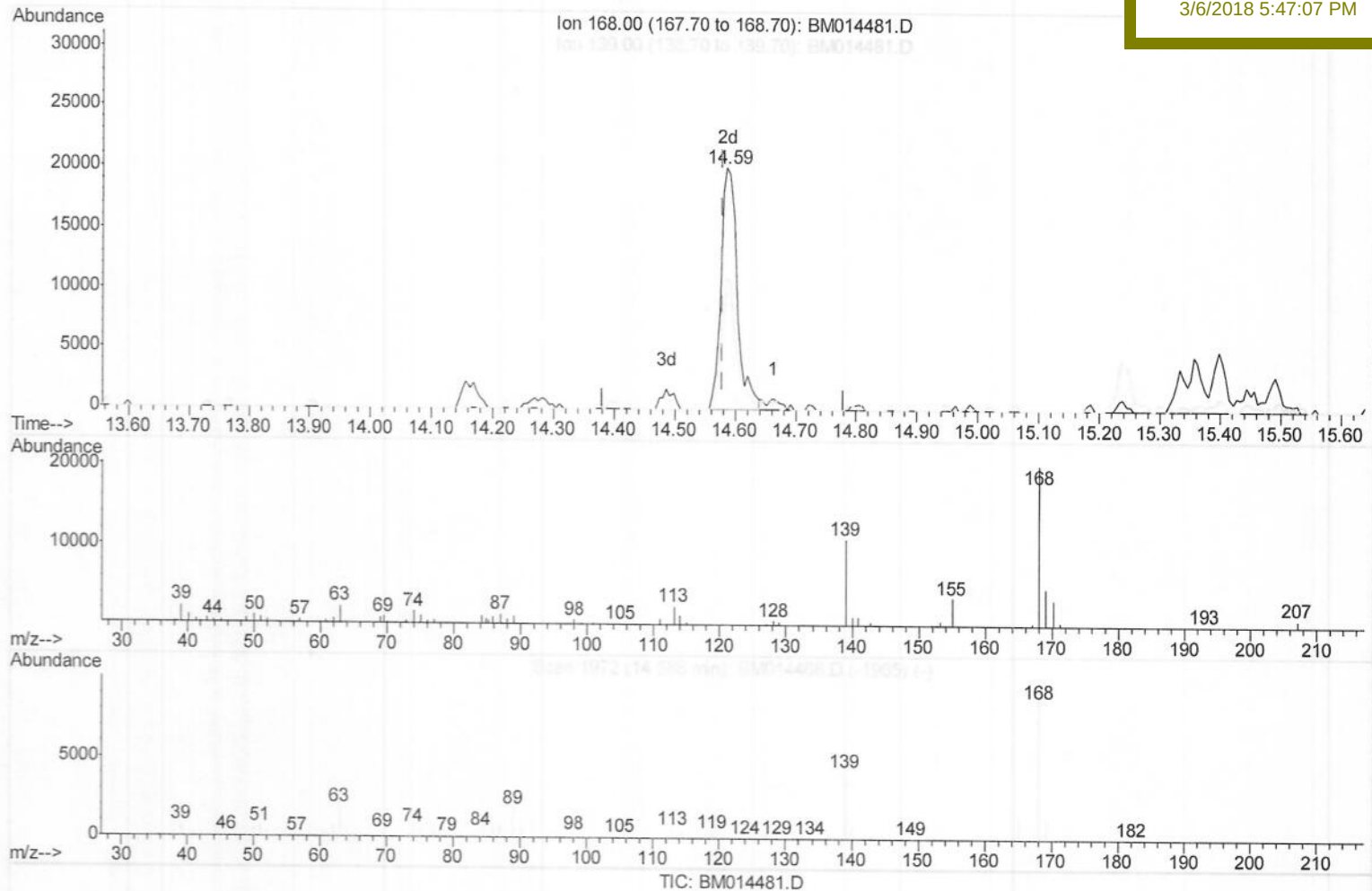
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
 Data File : BM014481.D
 Acq On : 05 Mar 2018 20:11
 Operator : SJ/JU
 Sample : J1678-10DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 02:05:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W0DL

Manual Integrations
 APPROVED

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(53) Dibenzofuran

14.586min (+0.006) 1.91ng/ul m

response 37550

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	54.35#
0.00	0.00	0.00
0.00	0.00	0.00

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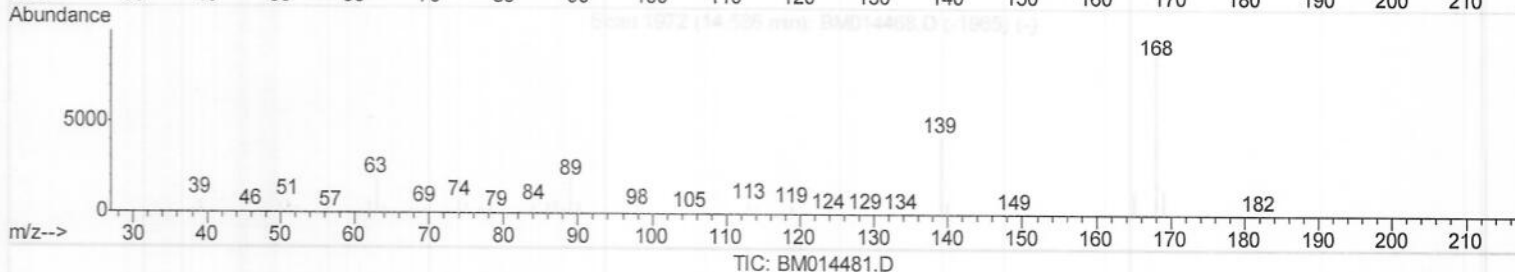
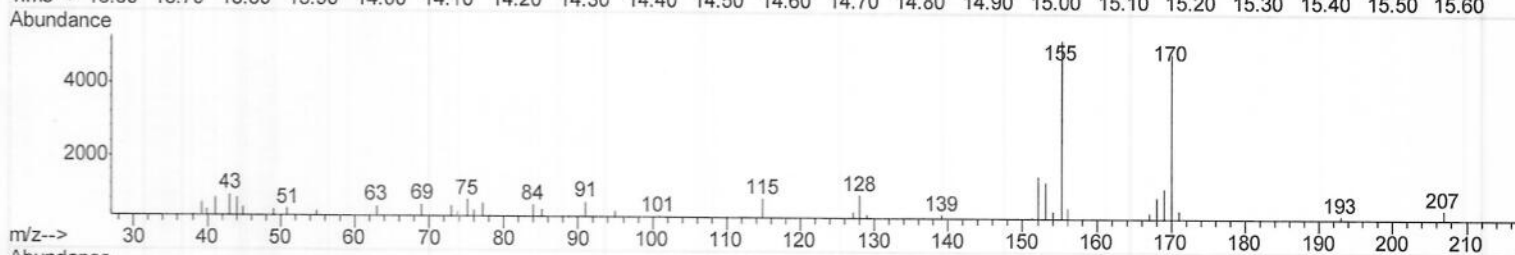
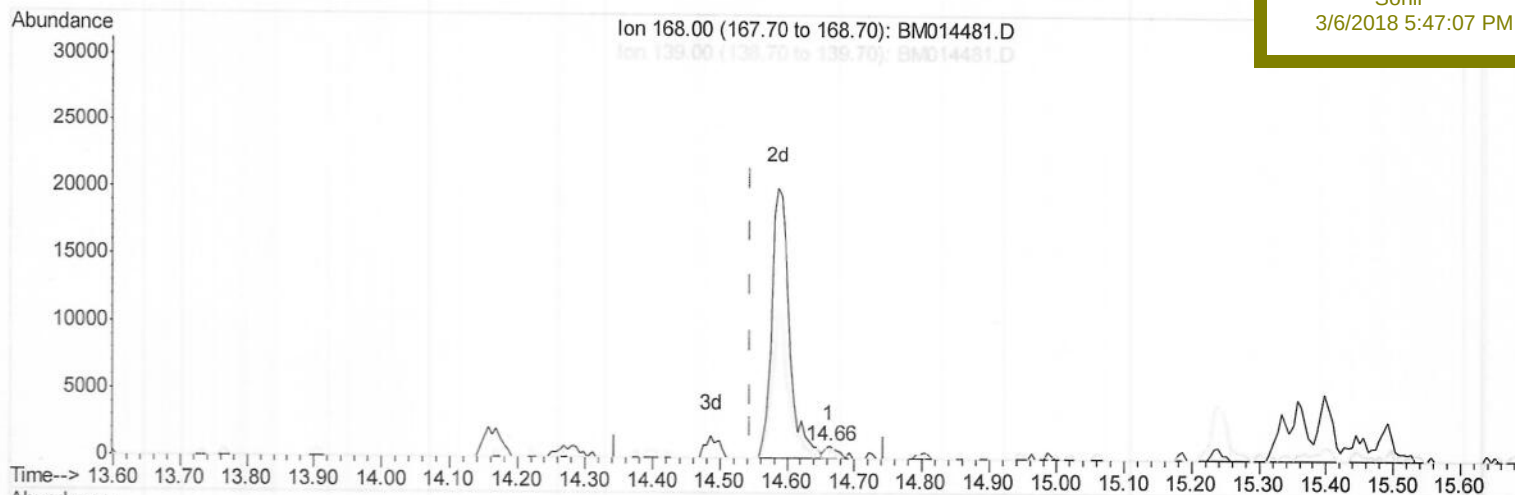
Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 14 16:00:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 14:44:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5W0DL

Manual Integrations
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Sohil
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(53) Dibenzofuran

14.663min (+0.118) 0.06ng/ul

response 1194

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	43.12
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\

Data File : BM014481.D

Acq On : 05 Mar 2018 20:11

Operator : SJ/JU

Sample : J1678-10DL 20X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 02:05:37 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon Mar 05 23:57:03 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

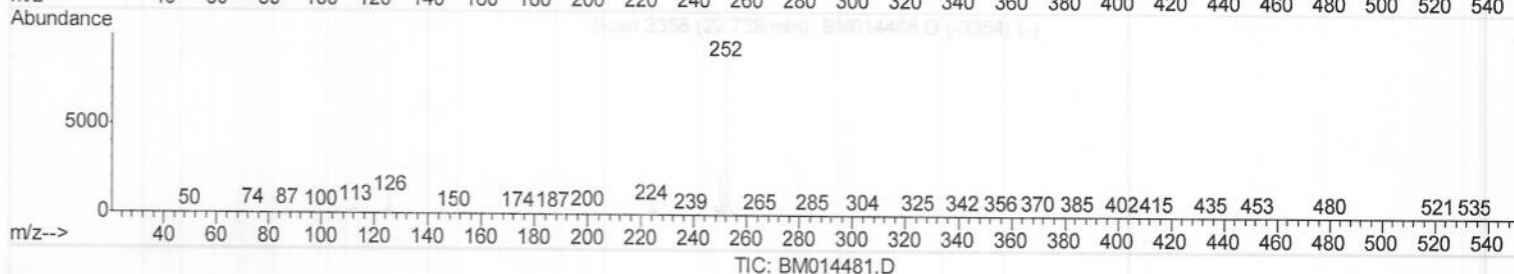
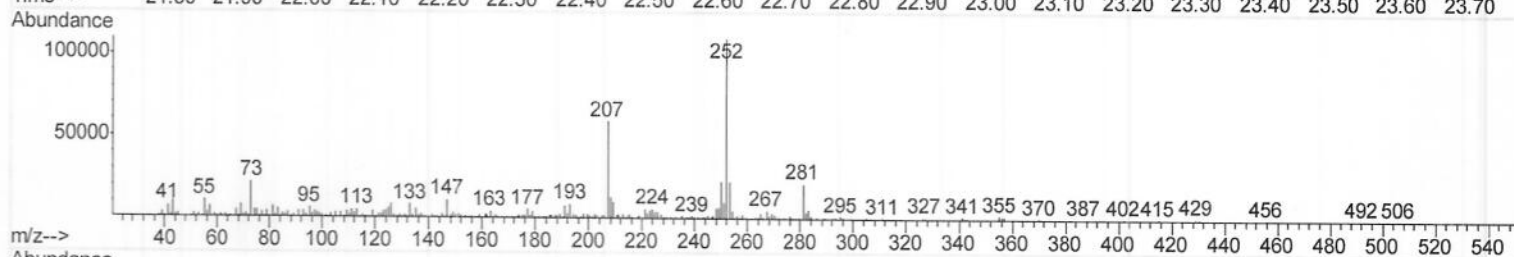
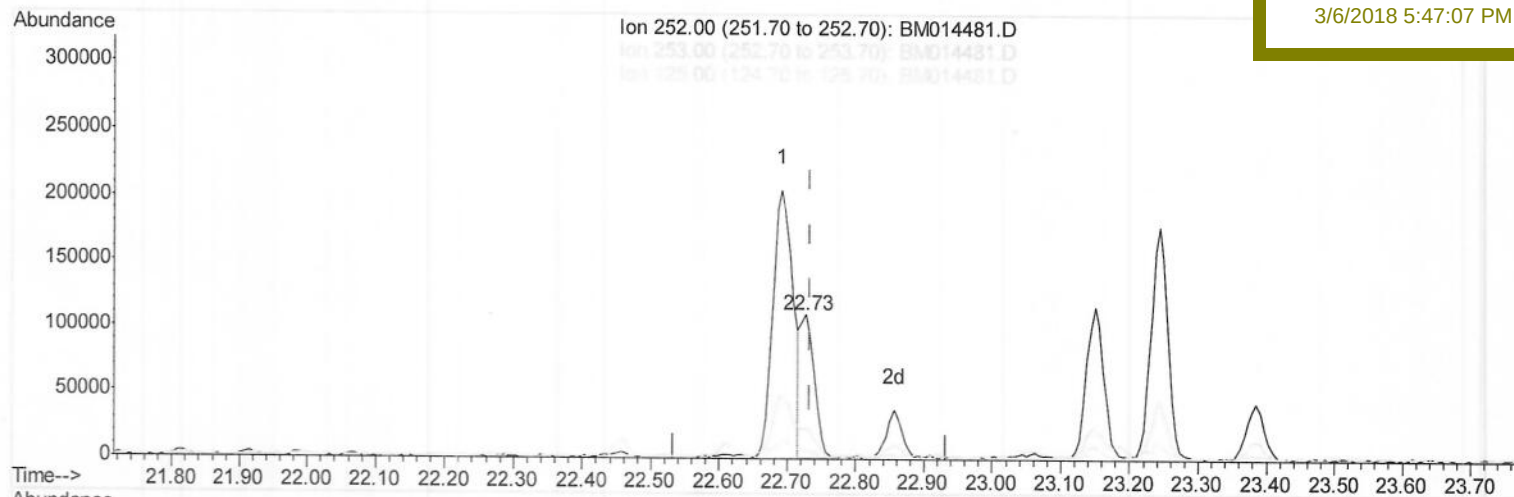
BE5W0DL

Manual Integrations

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(86) Benzo(k)fluoranthene

22.727min (-0.006) 7.87ng/ul m

response 152836

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.06
125.00	4.30	5.47#
0.00	0.00	0.00

SJ
03/06/18

Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 14 16:00:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 14:44:34 2018
Response via : Initial Calibration

Instrument :

BNA_M

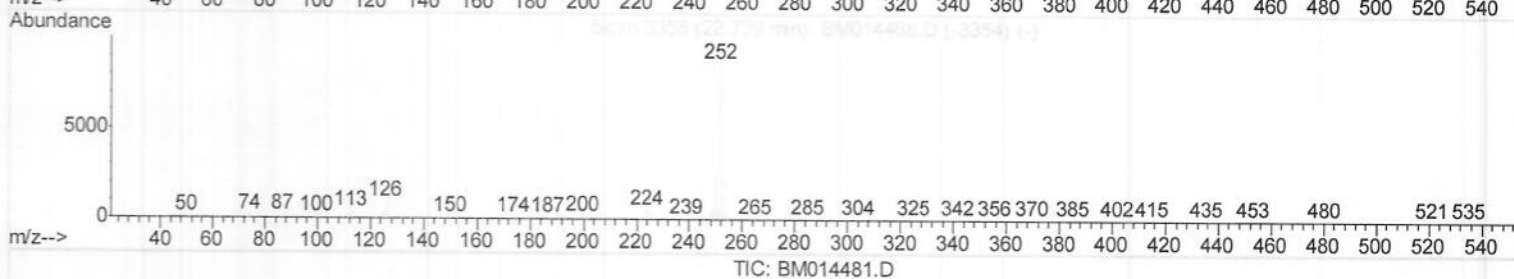
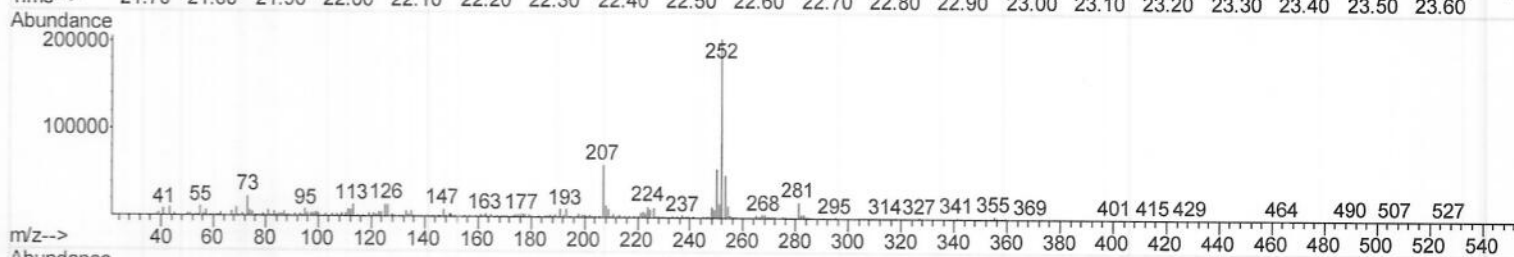
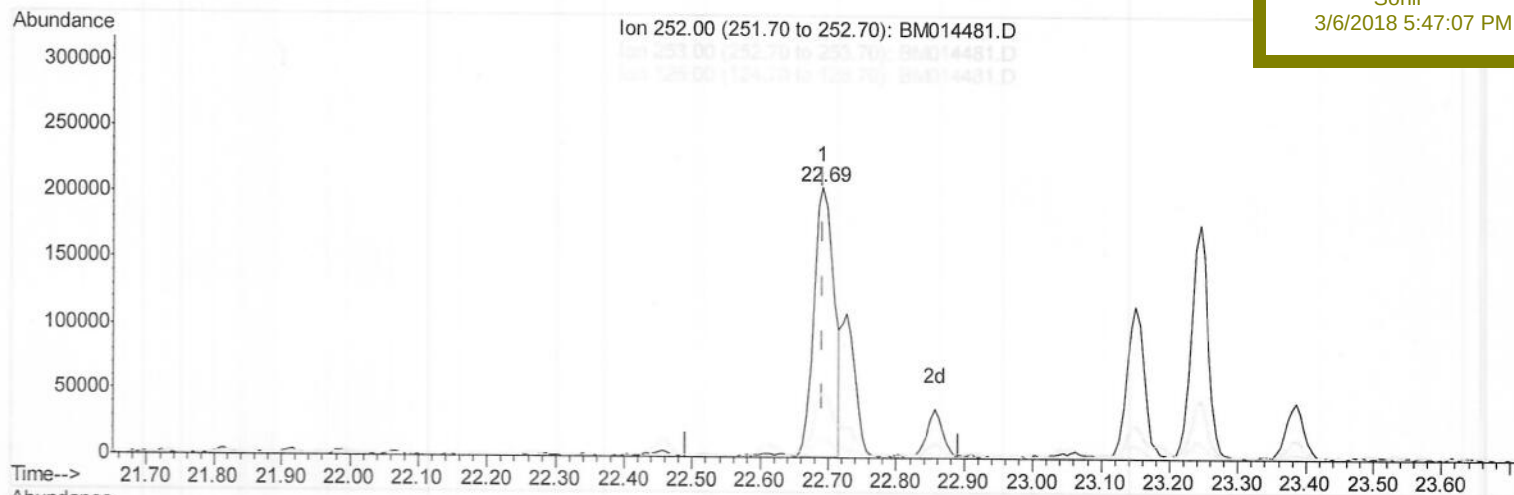
Client Sampled :

BE5W0DL

Manual Integrations
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Sohil

3/6/2018 5:47:07 PM



(86) Benzo(k)fluoranthene

22.691min (-0.000) 21.71ng/ul

response 421398

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.90
125.00	4.30	6.82#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030518\

Data File : BM014481.D

Acq On : 05 Mar 2018 20:11

Operator : SJ/JU

Sample : J1678-10DL 20X

Misc :

ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

QLast Update : Mon Mar 05 23:57:03 2018

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

BE5W0DL

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	85544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	328161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	193417	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	409566	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	355045	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	304944	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	390	0.20	ng/uL	0.00
5) Phenol-d5	6.76	99	9438m	1.31	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.87	67	6698m	1.53	ng/ul	0.01
9) 2-Chlorophenol-d4	7.07	132	9487m	1.71	ng/ul	0.01
13) 4-Methylphenol-d8	8.29	113	5910m	0.93	ng/ul	0.03
19) Nitrobenzene-d5	8.71	128	3382	1.39	ng/ul	0.03
22) 2-Nitrophenol-d4	9.41	143	3143	1.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	7535m	1.45	ng/ul	0.08
29) 4-Chloroaniline-d4	10.50	131	1576	0.31	ng/ul	0.05
43) Dimethylphthalate-d6	13.60	166	29136	1.82	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	35481	1.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	481	0.22	ng/ul	0.07
57) Fluorene-d10	15.19	176	24454	1.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	315	0.13	ng/ul	0.03
70) Anthracene-d10	17.04	188	40030	2.03	ng/ul	0.00
76) Pyrene-d10	19.35	212	40453	2.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	32046	2.16	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.33	128	43732	2.595	ng/ul#	97
49) Acenaphthene	14.24	153	41953	3.200	ng/ul	94
53) Dibenzofuran	14.59	168	37550m	1.910	ng/ul	
58) Fluorene	15.24	166	53739	3.167	ng/ul	95
69) Phenanthrene	16.98	178	881727	37.365	ng/ul	99
71) Anthracene	17.07	178	172168	7.255	ng/ul	97
72) Carbazole	17.37	167	70473	3.532	ng/ul	98
74) Fluoranthene	19.02	202	1041530	36.943	ng/ul#	94
77) Pyrene	19.38	202	964450	40.875	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	439656	19.842	ng/ul	98
82) Chrysene	21.19	228	395803	19.148	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	421398	20.638	ng/ul#	96
86) Benzo(k)fluoranthene	22.73	252	152836m	7.873	ng/ul	
88) Benzo(a)pyrene	23.24	252	298297	16.349	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.51	276	189001	10.675	ng/ul	99
90) Dibenzo(a,h)anthracene	25.51	278	62203	4.228	ng/ul#	73
91) Benzo(a,h,i)perylene	26.18	276	150711	10.508	ng/ul	98

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