

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

Data File : BM014337.D

Acq On : 23 Feb 2018 18:56

Operator : SJ/JU

Sample : J1631-03 10X

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:10:21 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 Sample ID :

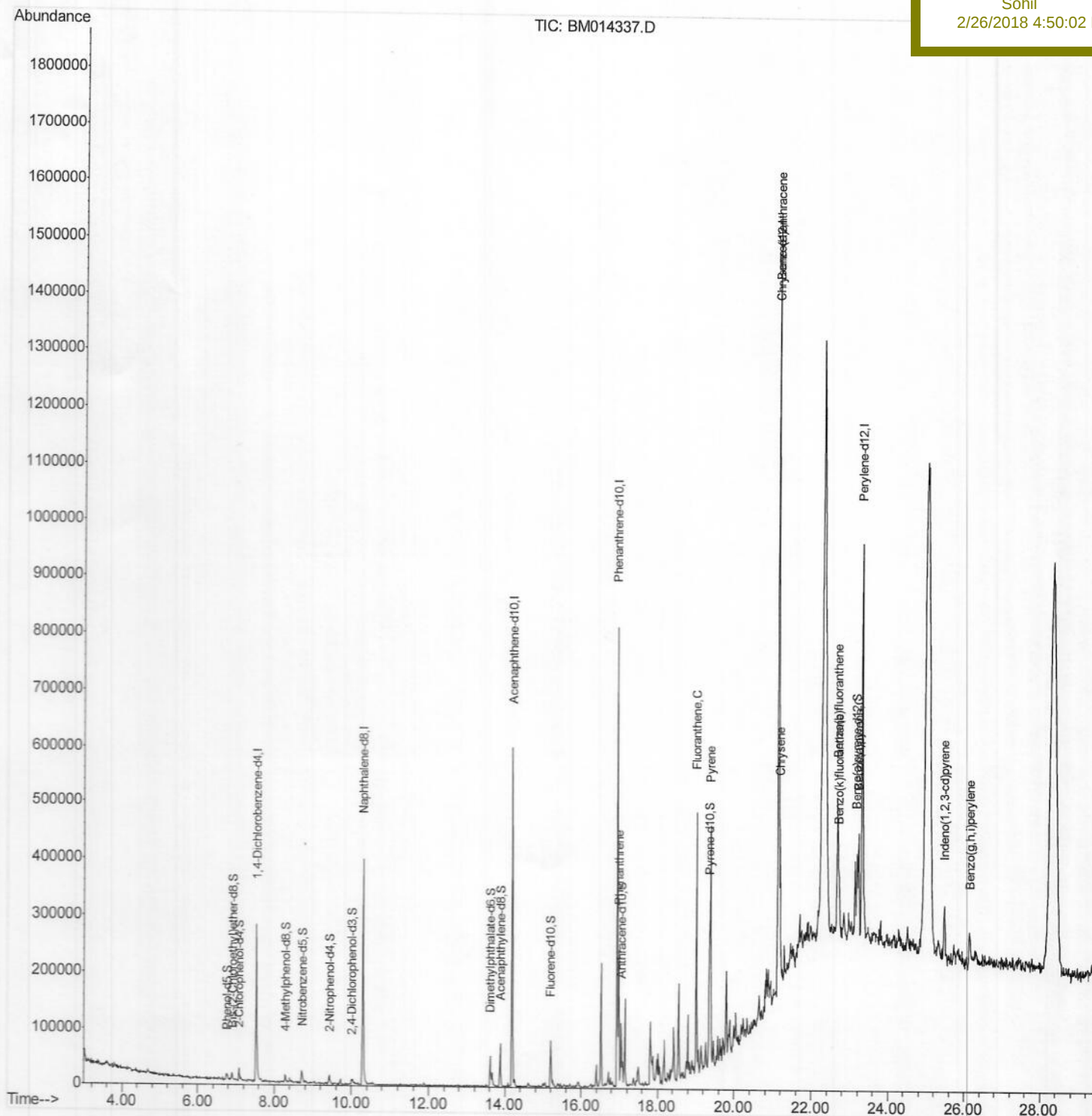
BE5Y6

Manual Integrations

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Sohil

2/26/2018 4:50:02 PM



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

Data File : BM014337.D

Acq On : 23 Feb 2018 18:56

Operator : SJ/JU

Sample : J1631-03 10X

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 23 23:18:48 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

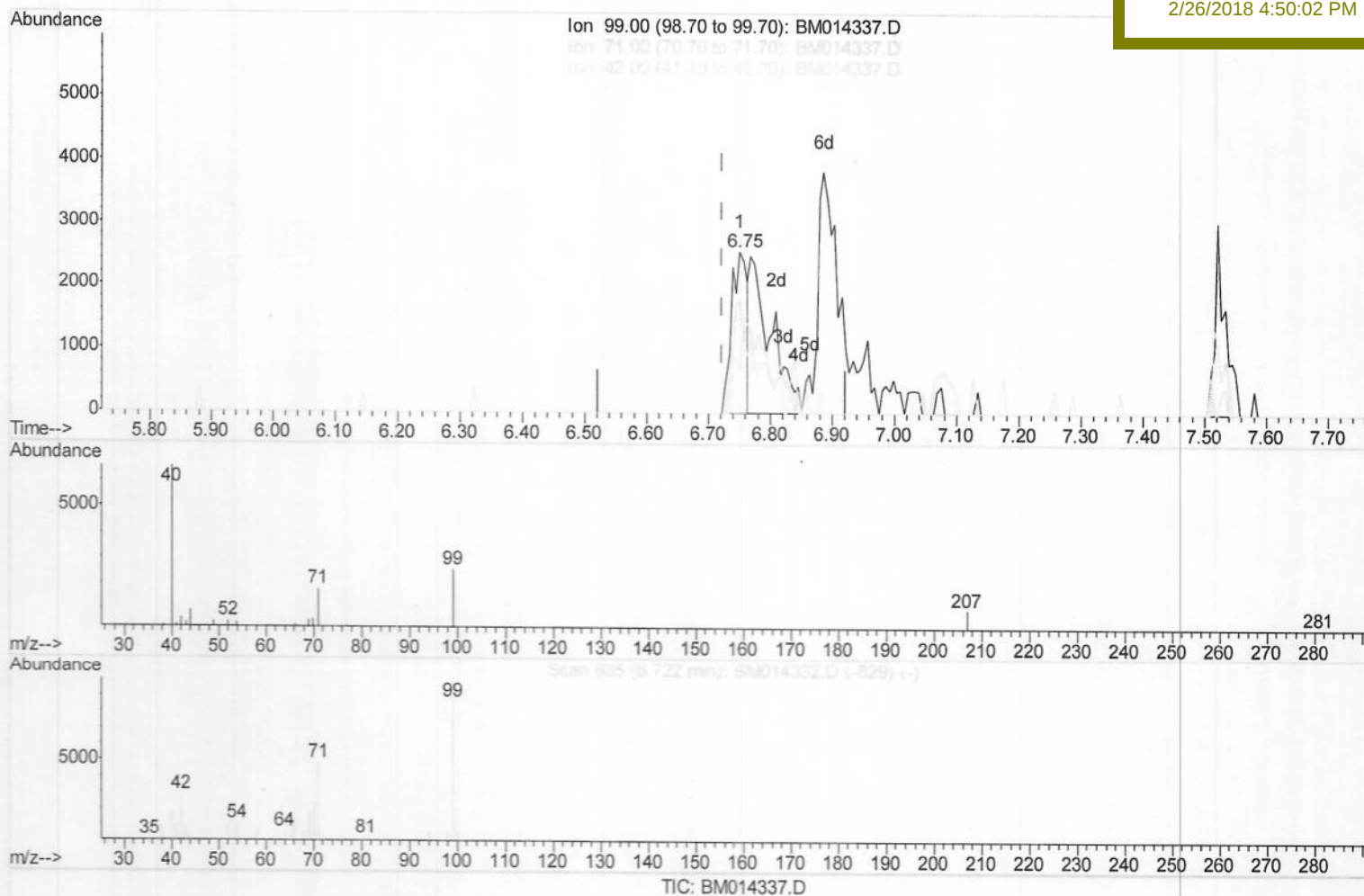
Client Sampled :

BE5Y6

Manual Integrations
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(5) Phenol-d5 (S)

6.751min (+0.029) 0.81ng/ul

response 4427

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	69.50#
42.00	24.20	26.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : J1631-03 10X

Misc :

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Quant Time: Feb 23 23:18:48 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

ClientSampled :

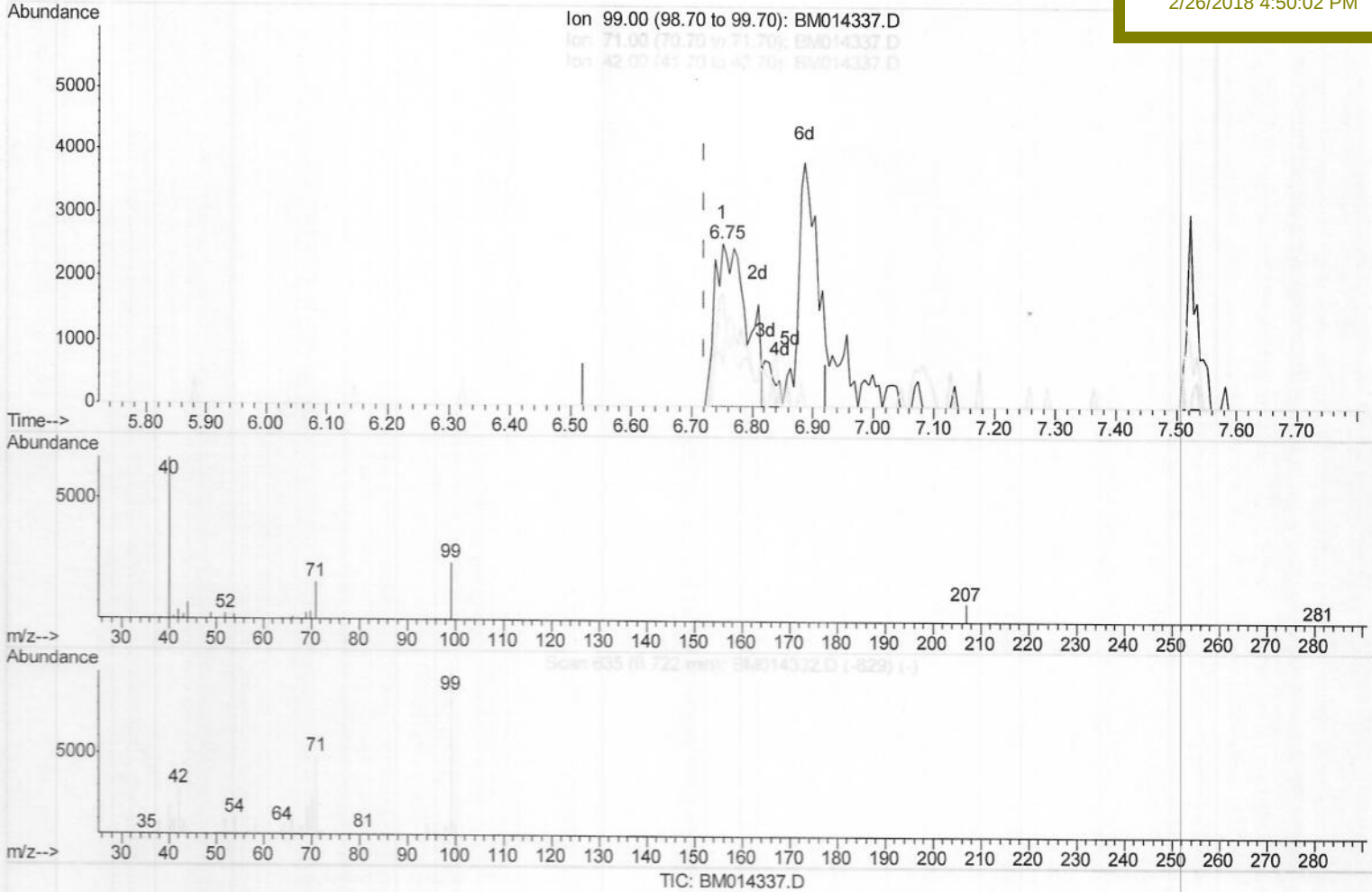
BE5Y6

Manual Integrations

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Sohil

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(5) Phenol-d5 (S)

6.751min (+0.029) 1.71ng/ul m

response 9328

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	69.50#
42.00	24.20	26.19
0.00	0.00	0.00

→ SJ
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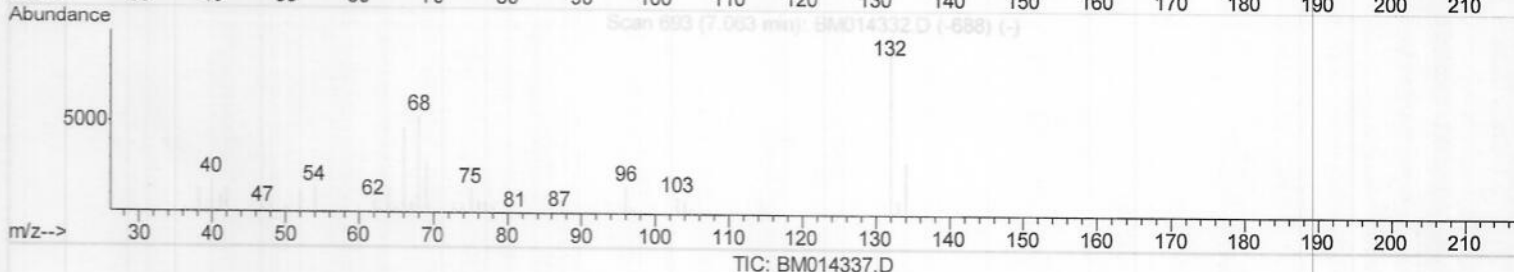
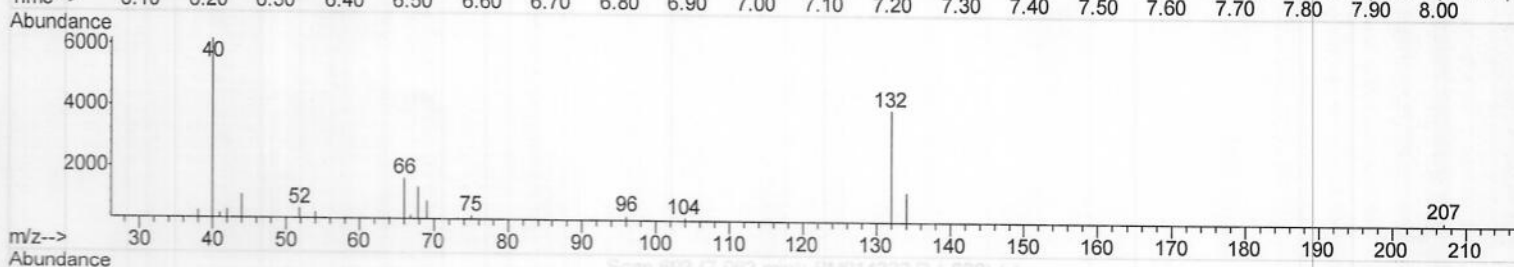
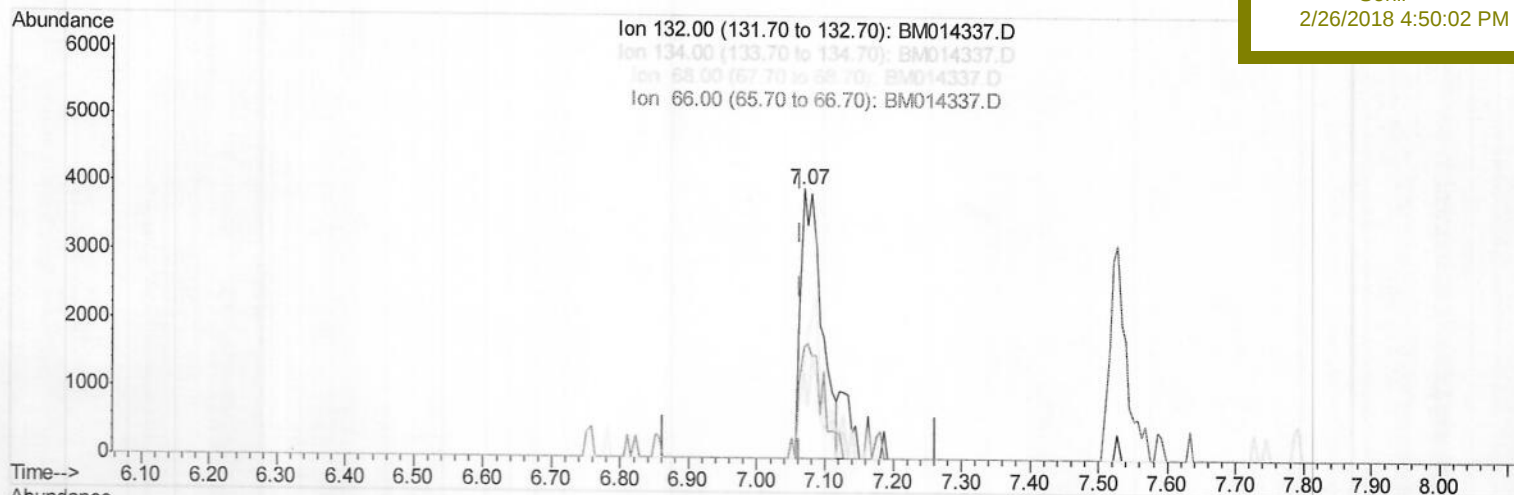
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014337.D
Acq On : 23 Feb 2018 18:56
Operator : SJ/JU
Sample : J1631-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:04:36 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 :
BE5Y6

Manual Integrations
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TIC: BM014337.D

(9) 2-Chlorophenol-d4 (S)

7.069min (+0.006) 1.97ng/ul

response 8221

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	32.39
68.00	51.20	34.52#
66.00	41.70	41.30

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Acq On : 23 Feb 2018 18:56

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Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:04:36 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 :

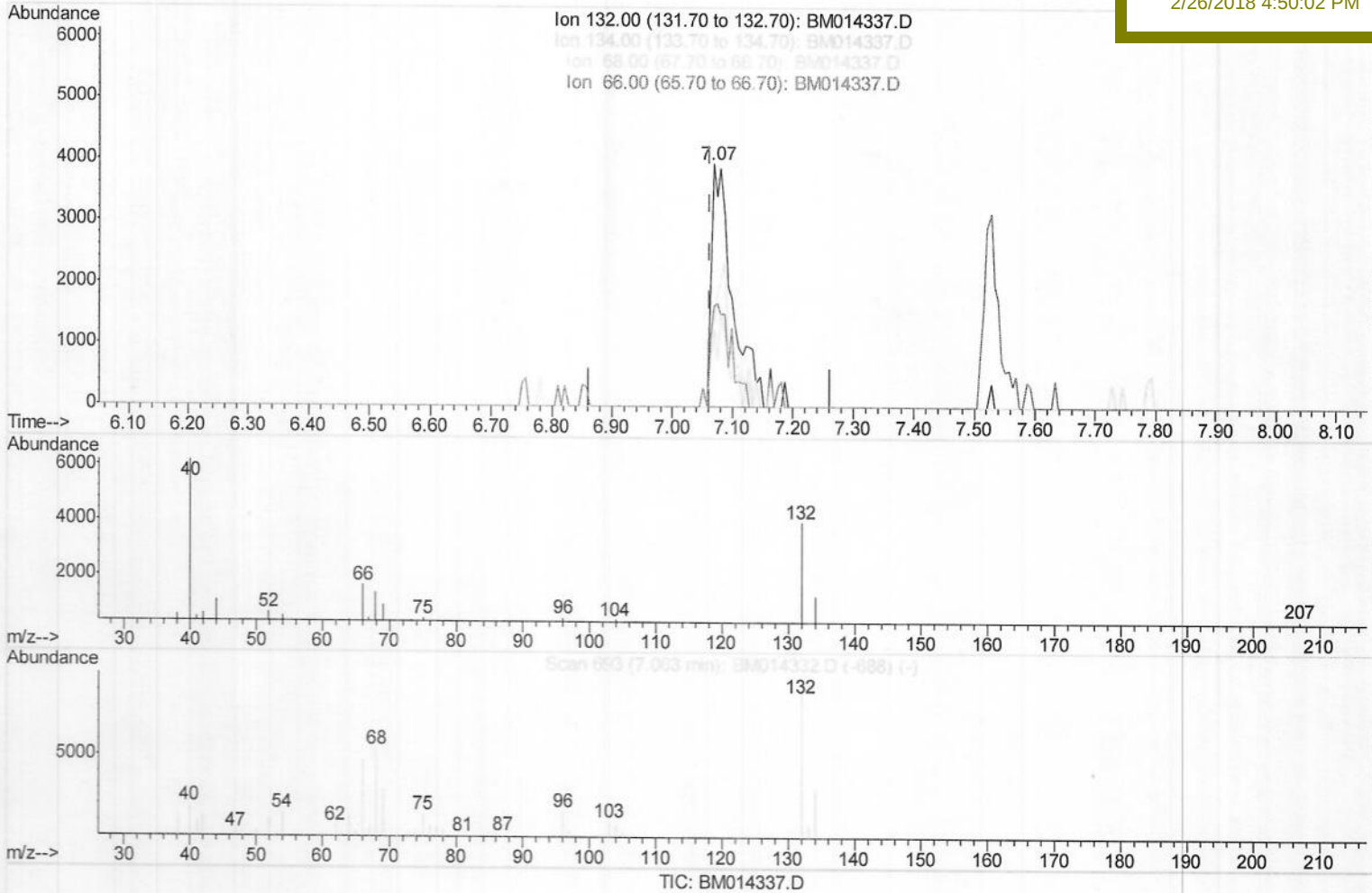
BE5Y6

Manual Integrations

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Sohil

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(9) 2-Chlorophenol-d4 (S)

7.069min (+0.006) 2.28ng/ul m

response 9547

Ion Exp% Act%

132.00 100 100

134.00 34.10 32.39

68.00 51.20 34.52#

66.00 41.70 41.30

→ SJ
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Misc :

ALS Vial : 13 Sample Multiplier: 1

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Instrument :

BNA_M

ClientSampleId :

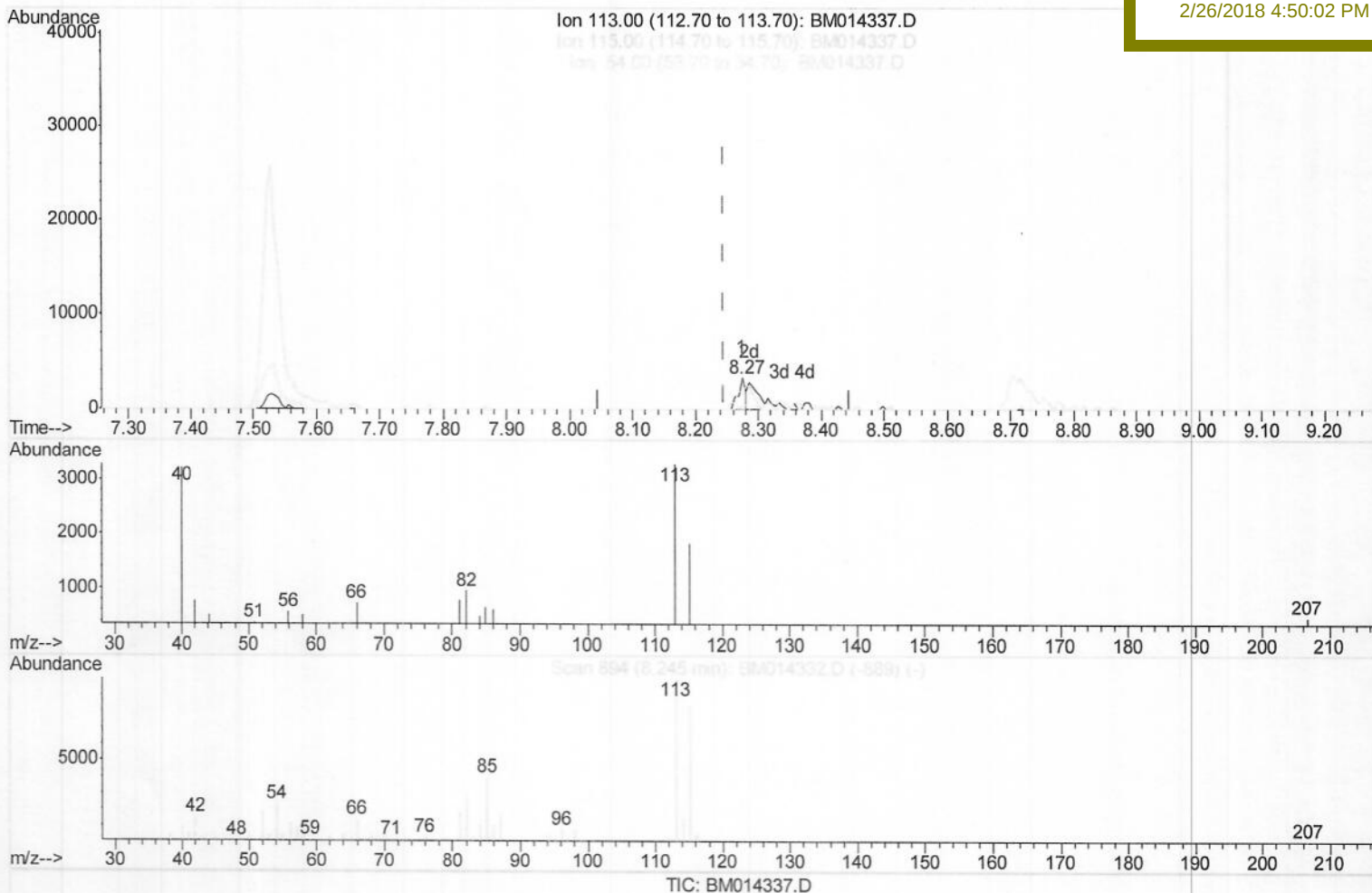
BE5Y6

Manual Integrations

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(13) 4-Methylphenol-d8 (S)

8.275min (+0.029) 0.58ng/ul

response 2748

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	55.82#
54.00	18.90	10.39#
0.00	0.00	0.00

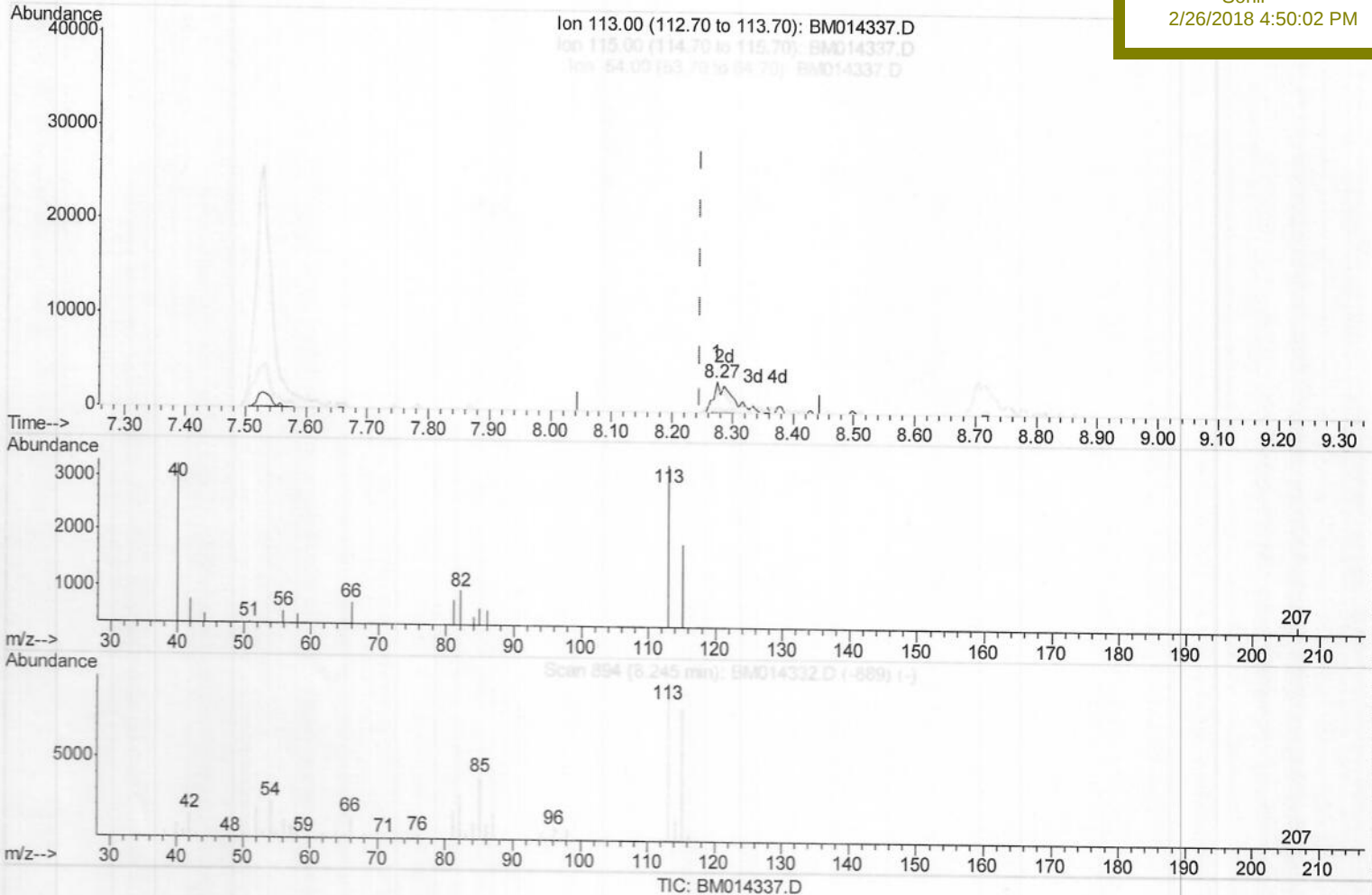
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014337.D
 Acq On : 23 Feb 2018 18:56
 Operator : SJ/JU
 Sample : J1631-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:04:36 2018
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
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Instrument :
 BNA_M
 ClientSampleId :
 BE5Y6

Manual Integrations
 APPROVED

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

8.275min (+0.029) 1.47ng/ul m

response 7029

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	55.82#
54.00	18.90	10.39#
0.00	0.00	0.00

→ SJ
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Quantitation Report (Qedit)

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Operator : SJ/JU

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Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:04:36 2018

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Quant Title : SVOA CALIBRATION

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BNA_M

ClientSampleId :

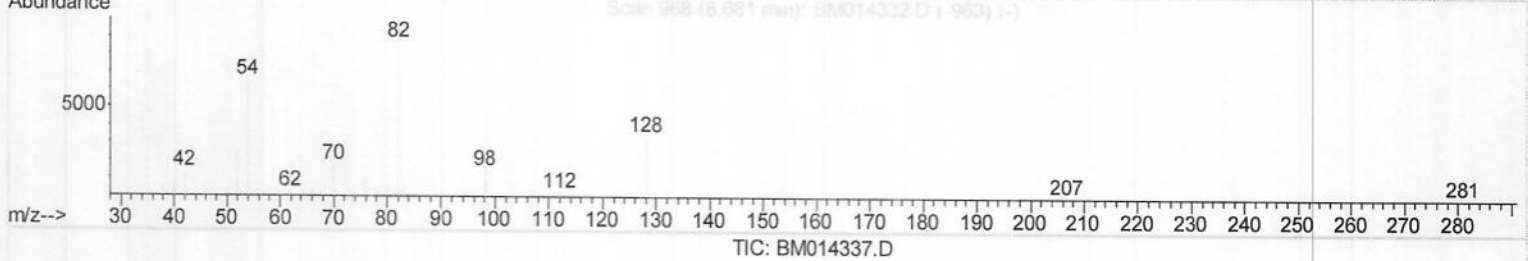
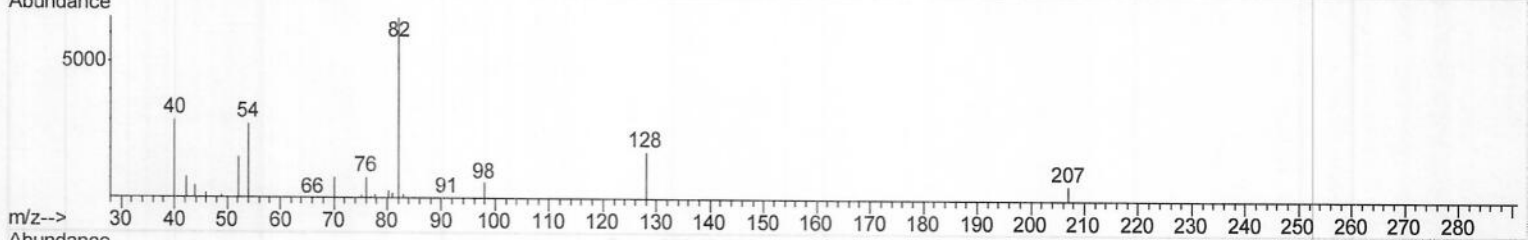
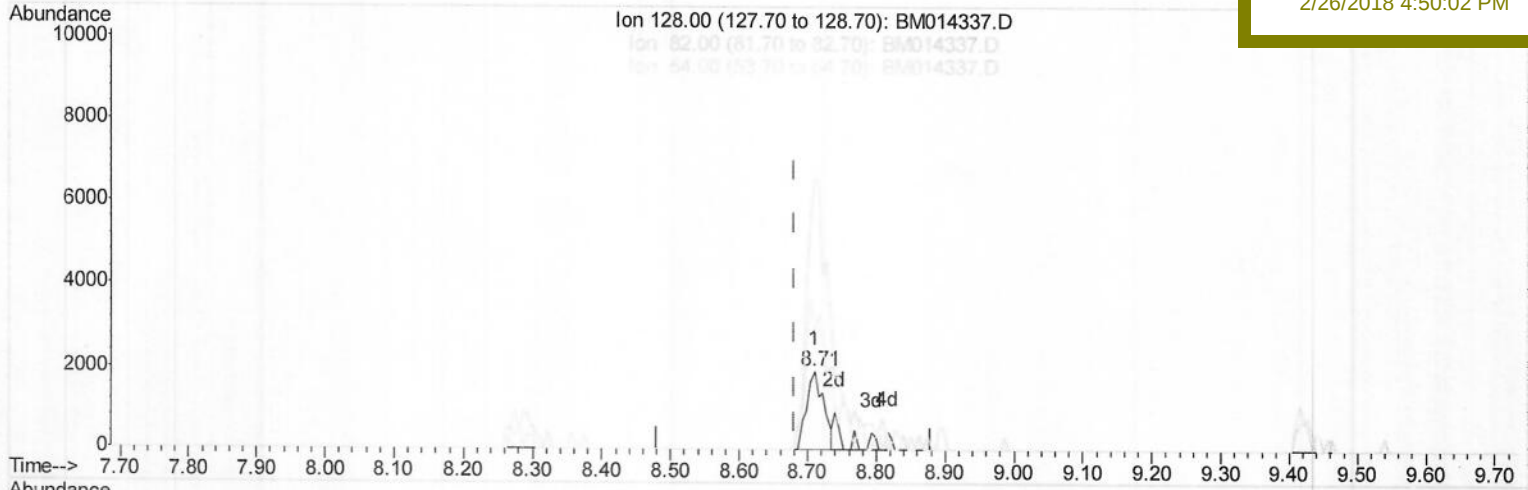
BE5Y6

Manual Integrations

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(19) Nitrobenzene-d5 (S)

8.710min (+0.029) 1.64ng/ul

response 3311

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	336.53
54.00	142.70	148.07
0.00	0.00	0.00

Quantitation Report (Qedit)

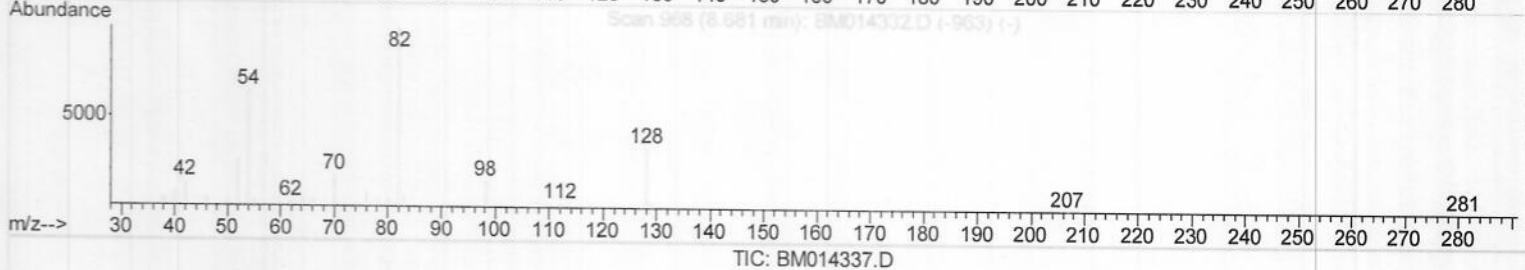
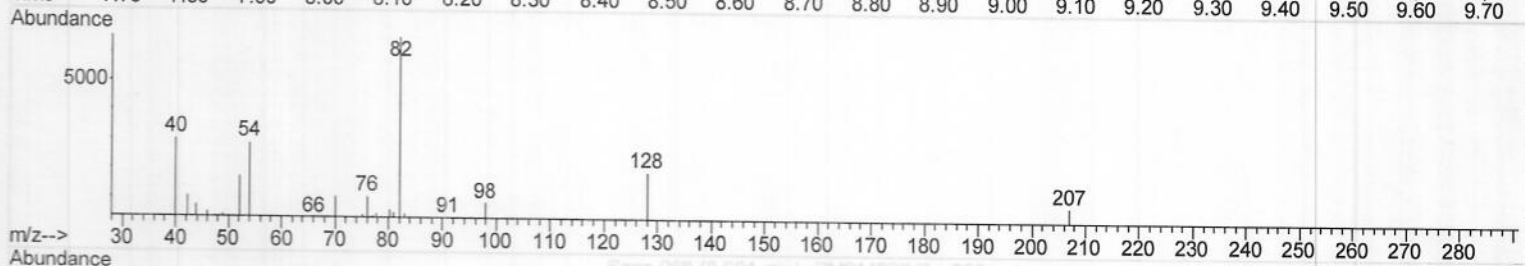
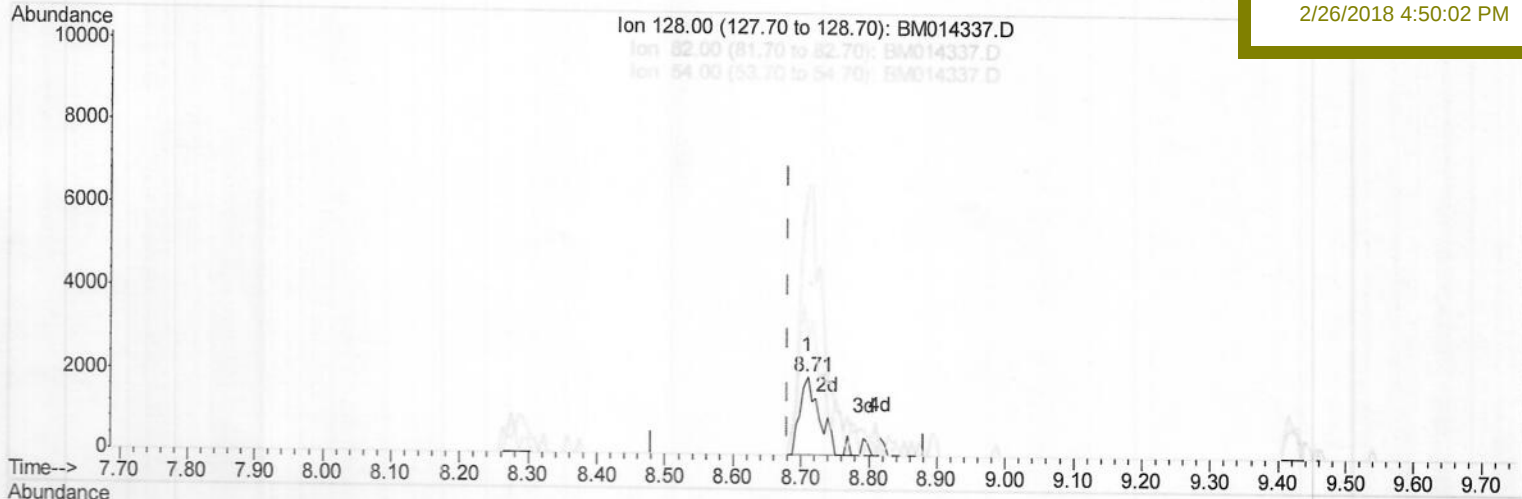
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014337.D
 Acq On : 23 Feb 2018 18:56
 Operator : SJ/JU
 Sample : J1631-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:04:36 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 :
 BE5Y6

Manual Integrations
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(19) Nitrobenzene-d5 (S)

8.710min (+0.029) 1.90ng/ul m

response 3840

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	336.53
54.00	142.70	148.07
0.00	0.00	0.00

→ SJ
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Quantitation Report (Qedit)

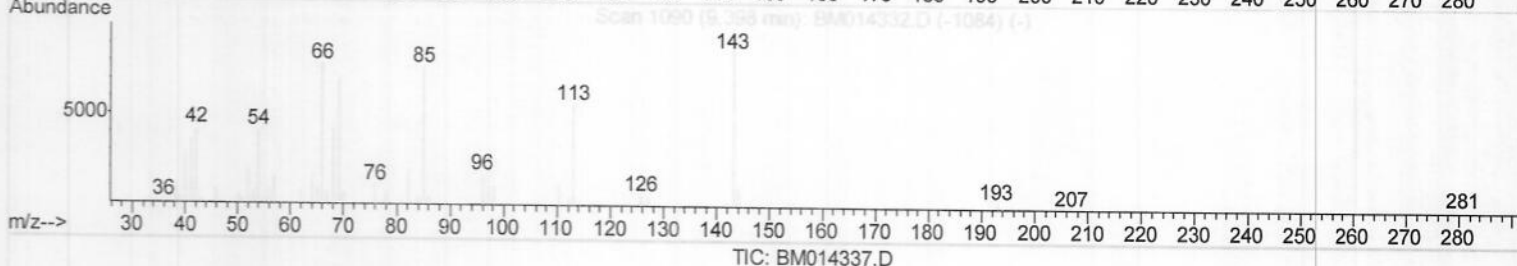
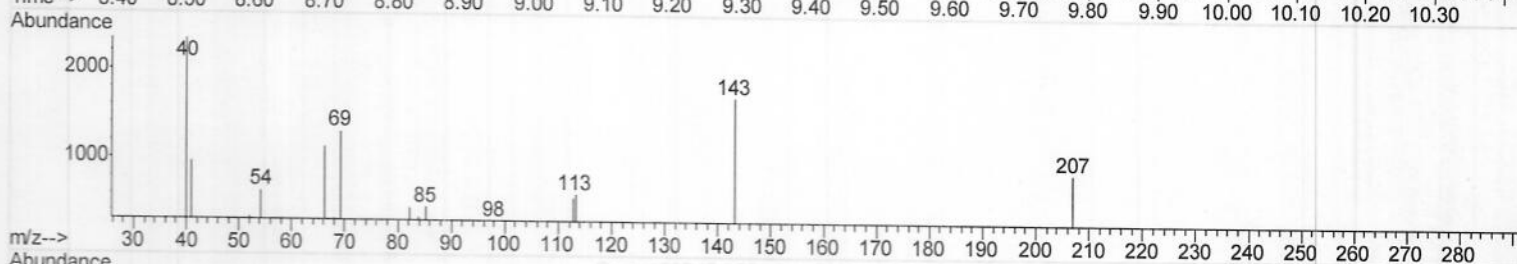
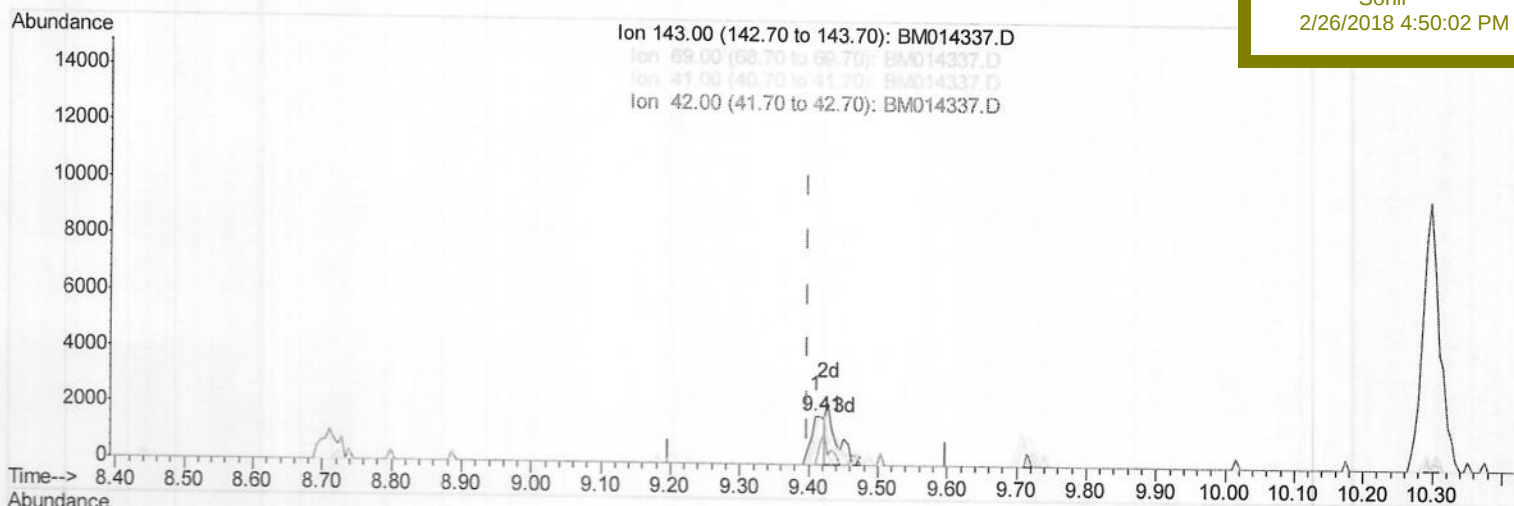
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
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 Acq On : 23 Feb 2018 18:56
 Operator : SJ/JU
 Sample : J1631-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:07:37 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 :
 BE5Y6

Manual Integrations
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(22) 2-Nitrophenol-d4 (S)
 9.410min (+0.012) 1.11ng/ul
 response 2310

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	75.74#
41.00	23.80	56.50#
42.00	24.30	0.00#

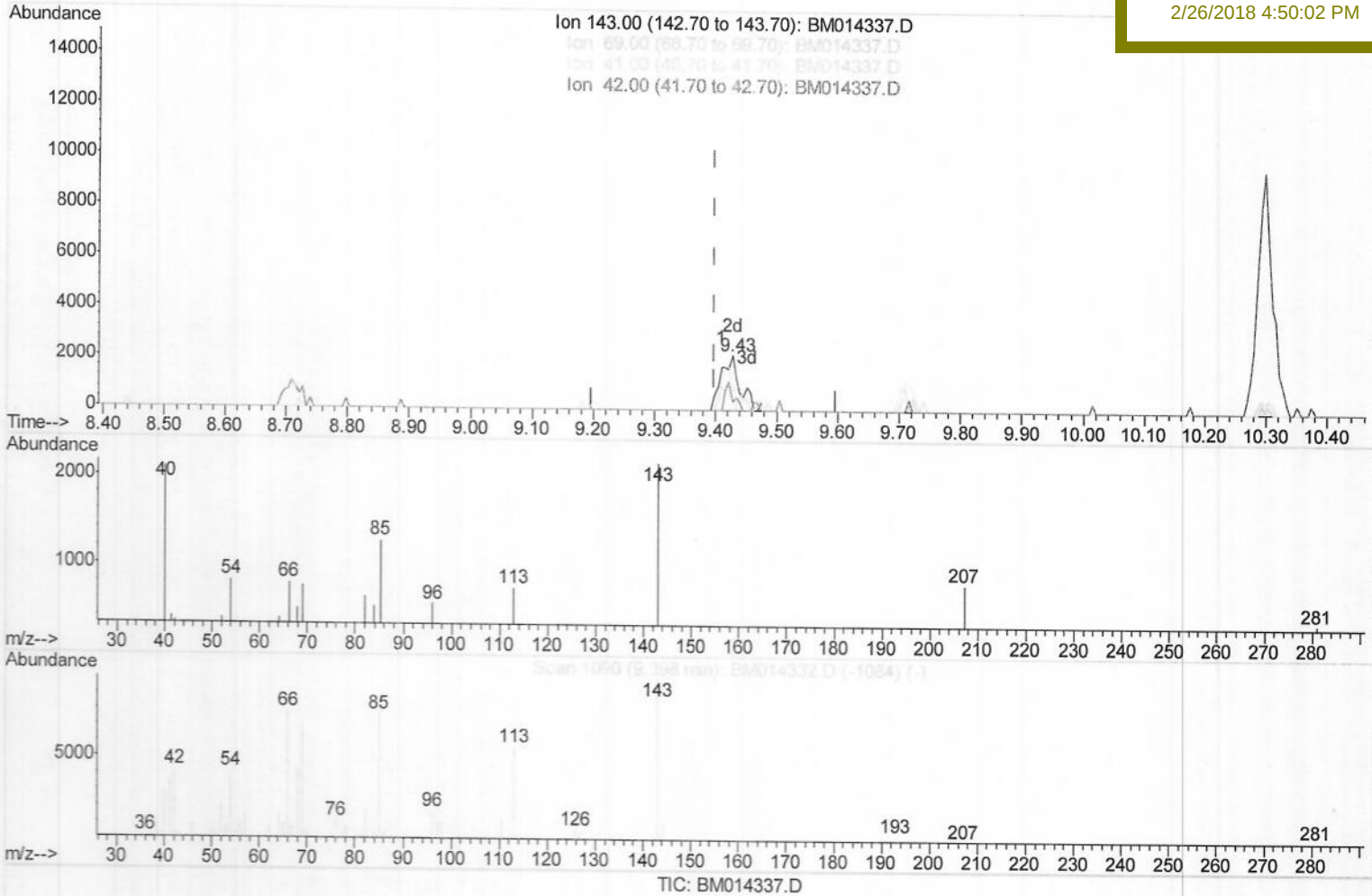
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014337.D
Acq On : 23 Feb 2018 18:56
Operator : SJ/JU
Sample : J1631-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:07:37 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 :
BE5Y6

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

9.428min (+0.029) 2.17ng/ul m

response 4527

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	35.02#
41.00	23.80	17.92#
42.00	24.30	16.03#

→ S.J
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Quantitation Report (Qedit)

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Misc :

ALS Vial : 13 Sample Multiplier: 1

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BNA_M

ClientSampleId :

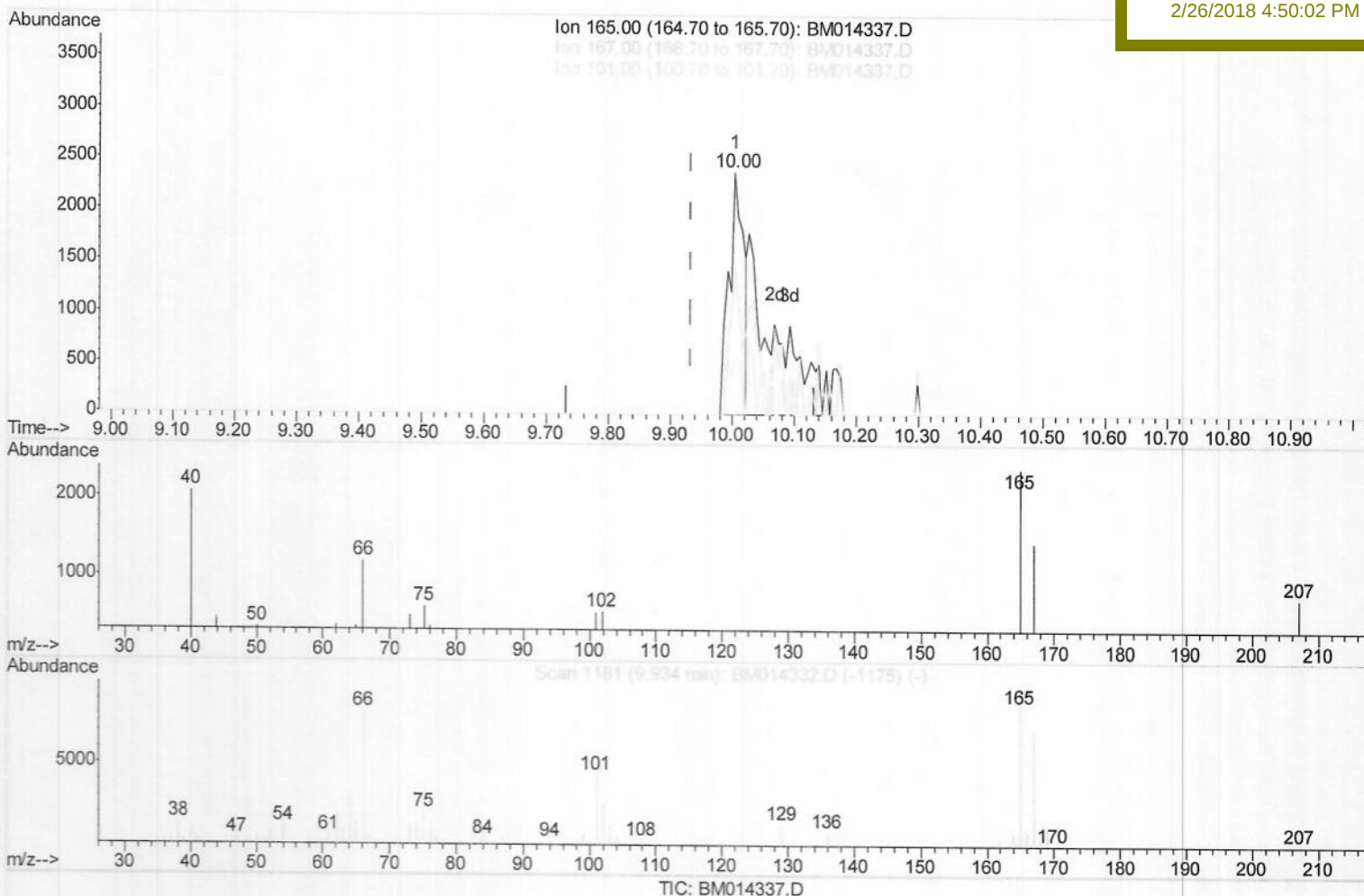
BE5Y6

Manual Integrations

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

10.004min (+0.070) 0.91ng/ul

response 3953

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	60.37
101.00	29.30	22.33#
0.00	0.00	0.00

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

Data File : BM014337.D

Acq On : 23 Feb 2018 18:56

Operator : SJ/JU

Sample : J1631-03 10X

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 00:07:37 2018

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Instrument :

BNA_M

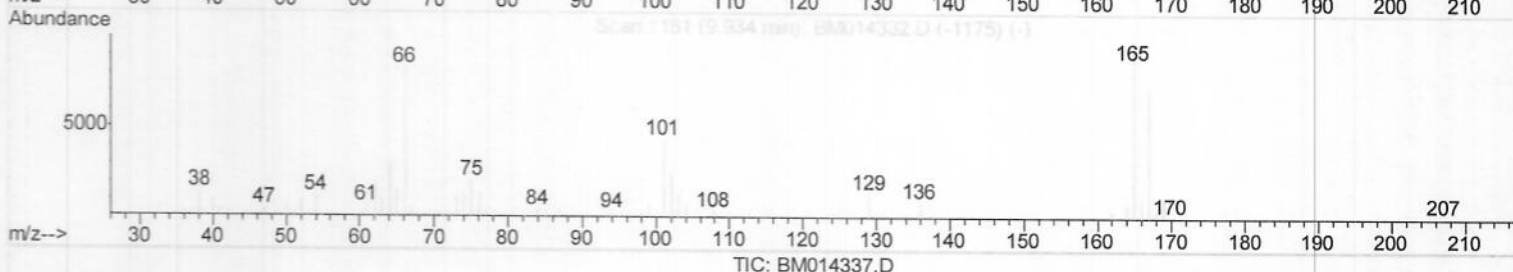
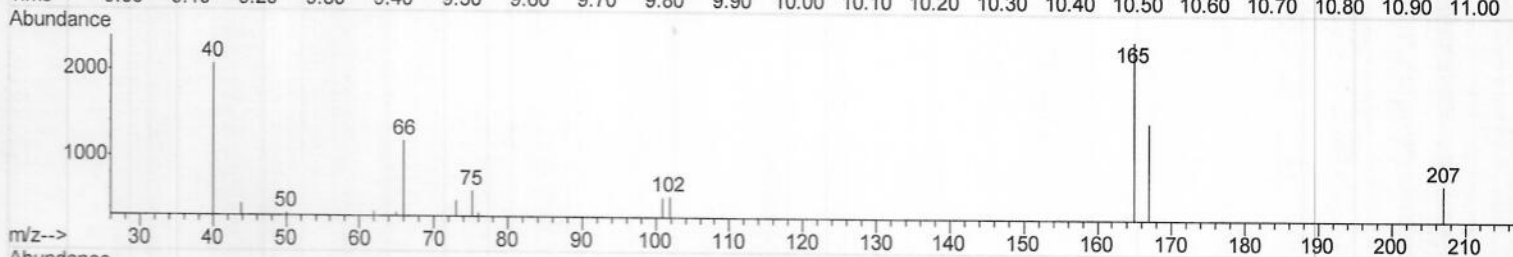
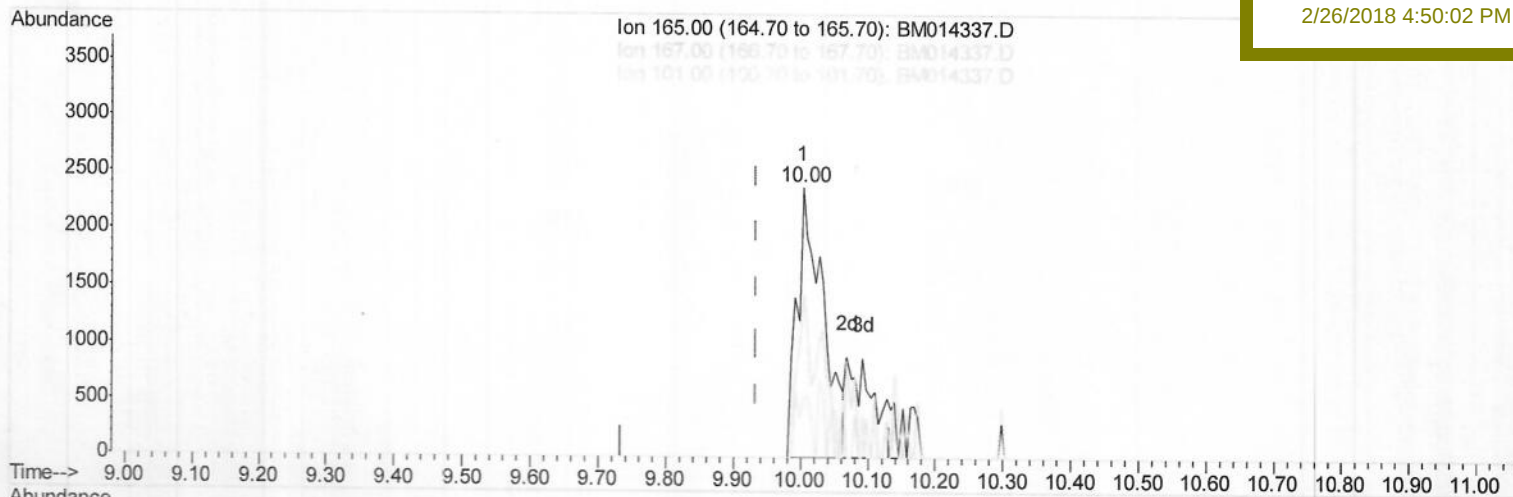
ClientSampleId :

BE5Y6

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

10.004min (+0.070) 1.49ng/ul m

response 6419

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	60.37
101.00	29.30	22.33#
0.00	0.00	0.00

→ SJ

03/08/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	64496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	272800	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	172365	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	410277	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	550986	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	467557	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1114	0.74	ng/uL	0.01
5) Phenol-d5	6.75	99	9328m →	1.71	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.89	67	6645	2.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	9547m →	2.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	7029m →	1.47	ng/ul	0.03
19) Nitrobenzene-d5	8.71	128	3840m →	1.90	ng/ul	0.03
22) 2-Nitrophenol-d4	9.43	143	4527m →	2.17	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.00	165	6419m →	1.49	ng/ul	0.07
29) 4-Chloroaniline-d4	10.52	131	298	0.07	ng/ul	0.06
43) Dimethylphthalate-d6	13.61	166	38341	2.69	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	46486	2.65	ng/ul	0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.19	176	33812	2.65	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	603	0.25	ng/ul	0.04
70) Anthracene-d10	17.04	188	54234	2.74	ng/ul	0.00
76) Pyrene-d10	19.35	212	76880	2.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	67959	2.99	ng/ul	0.00

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Target Compounds

					Ovalue	
69) Phenanthrene	16.99	178	127598	5.398	ng/ul	96
74) Fluoranthene	19.01	202	258885	9.167	ng/ul#	96
77) Pyrene	19.37	202	251817	6.877	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	149630	4.351	ng/ul	97
82) Chrysene	21.19	228	150295	4.685	ng/ul	98
85) Benzo(b)fluoranthene	22.68	252	178280	5.695	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	56169	1.887	ng/ul#	88
88) Benzo(a)pyrene	23.23	252	115888	4.142	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.48	276	69698	2.567	ng/ul#	88
91) Benzo(a,h,i)perylene	26.14	276	55258	2.513	ng/ul#	95

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