

Quantitation Report (QT Reviewed)

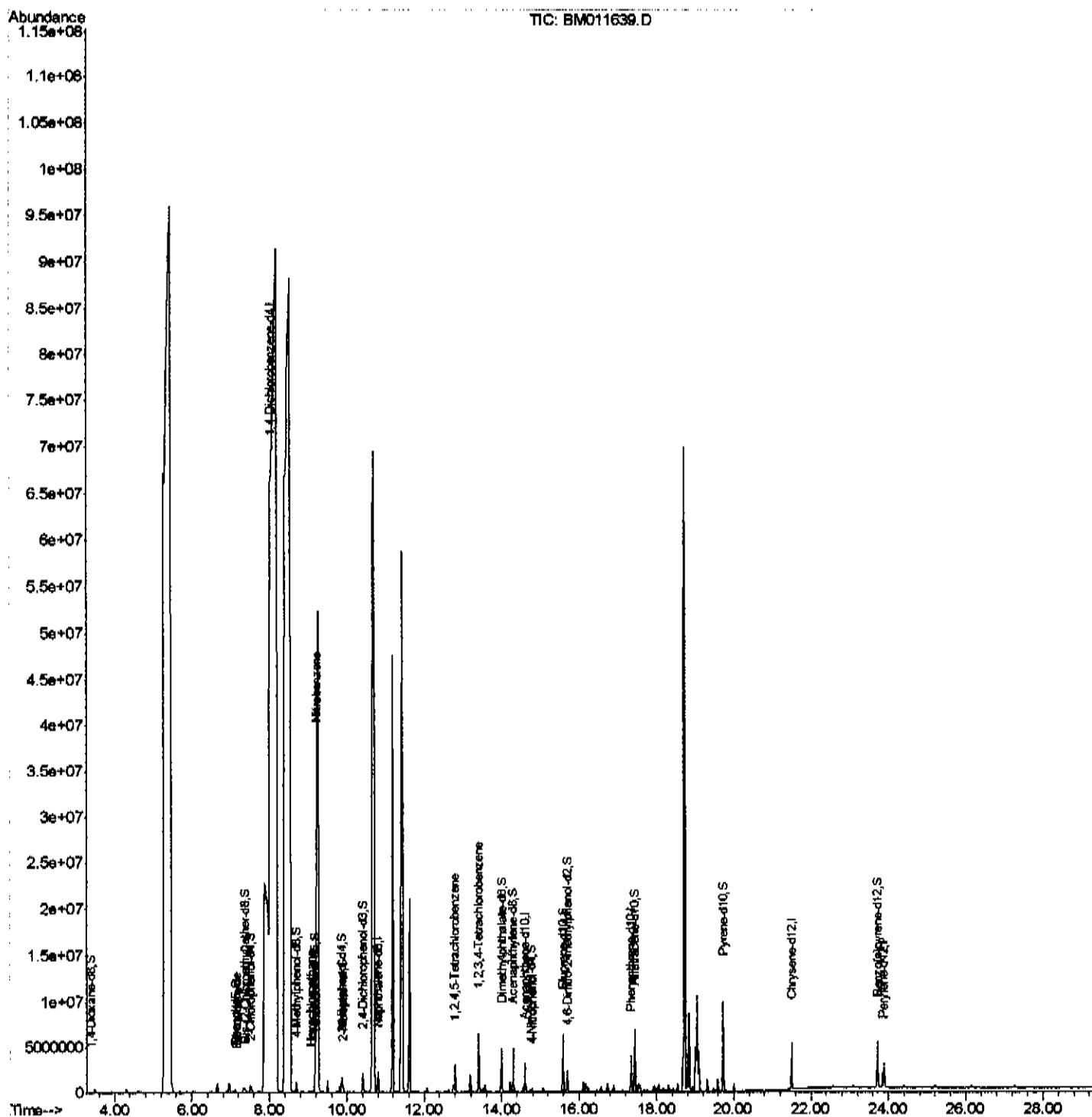
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:53:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 OLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

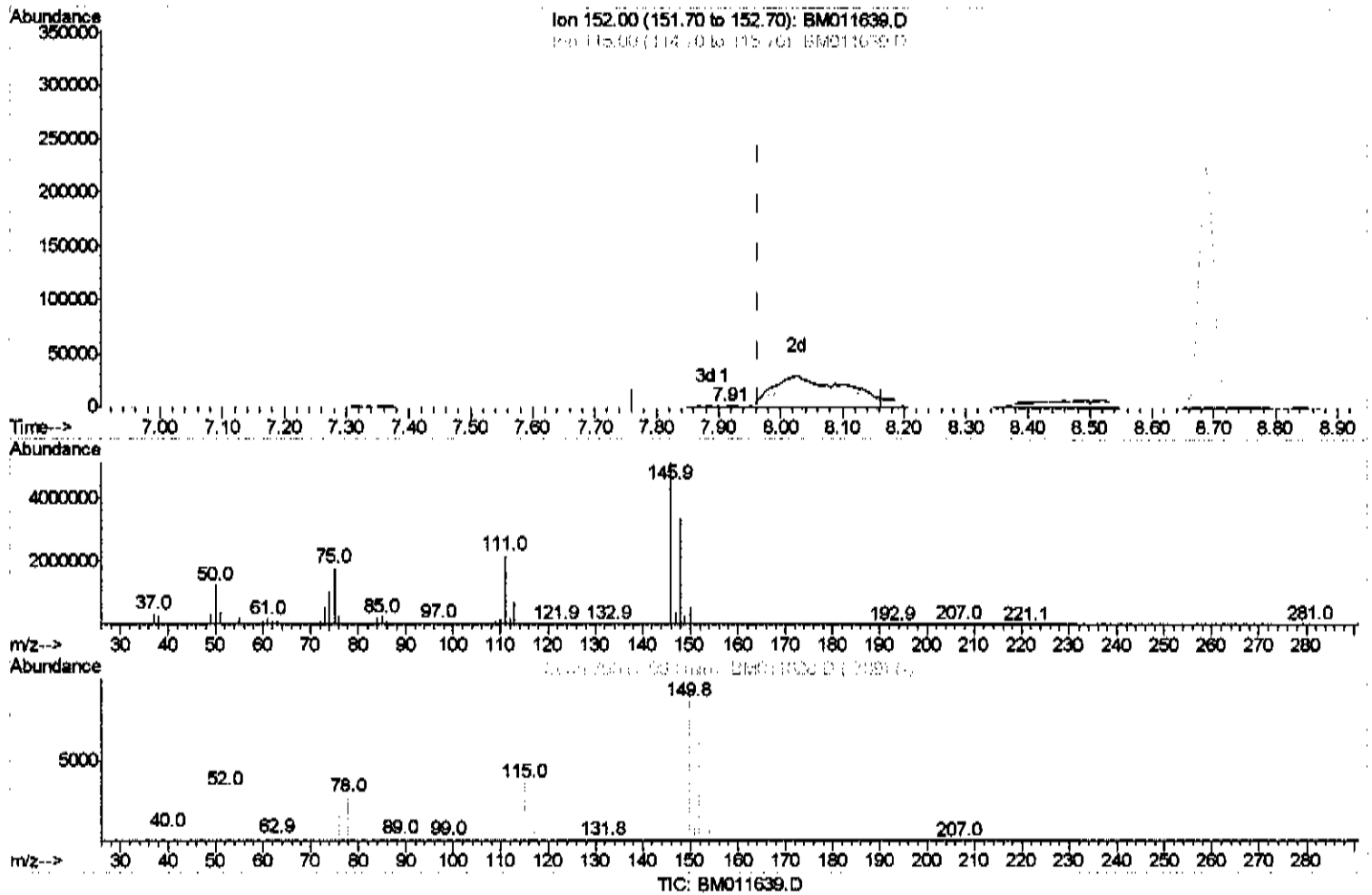
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
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Instrument :
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 ClientSampleId :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:07:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



(1) 1,4-Dichlorobenzene-d4 (I)

7.910min (-0.053) 20.00ng/ul

response 409

Ion	Exp%	Act%
152.00	100	100
115.00	51.40	110.45#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

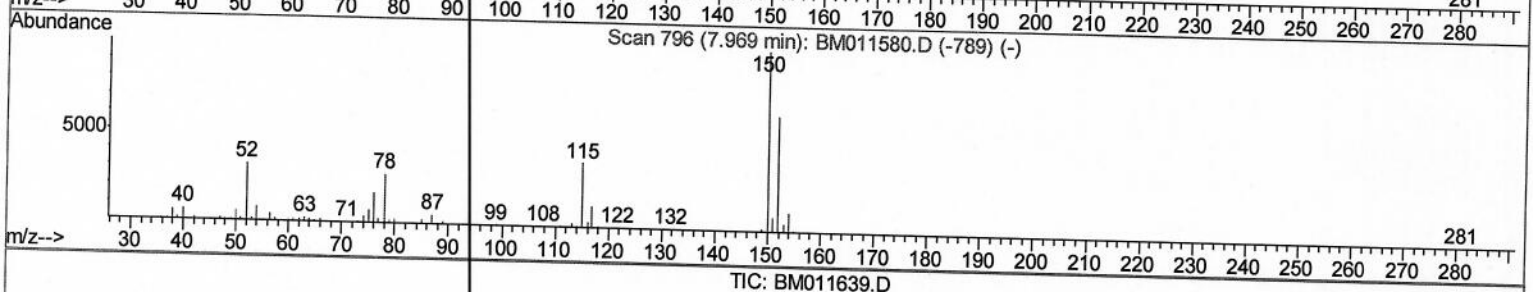
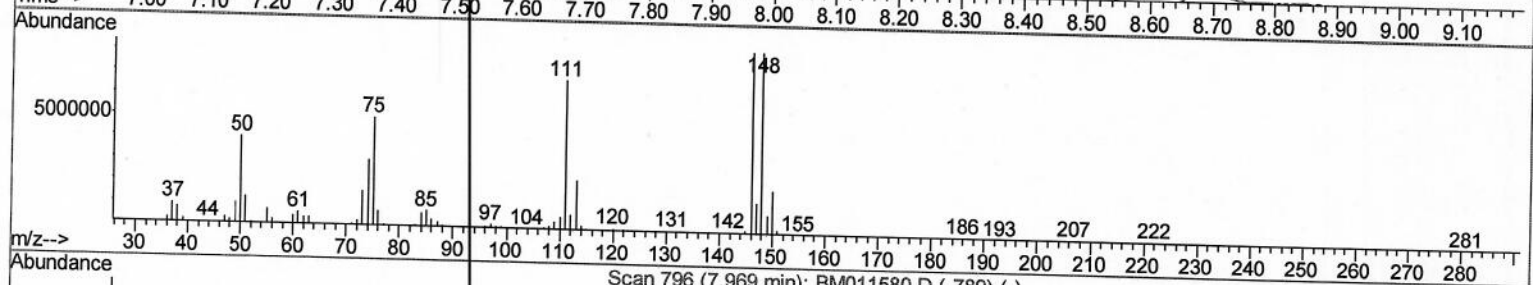
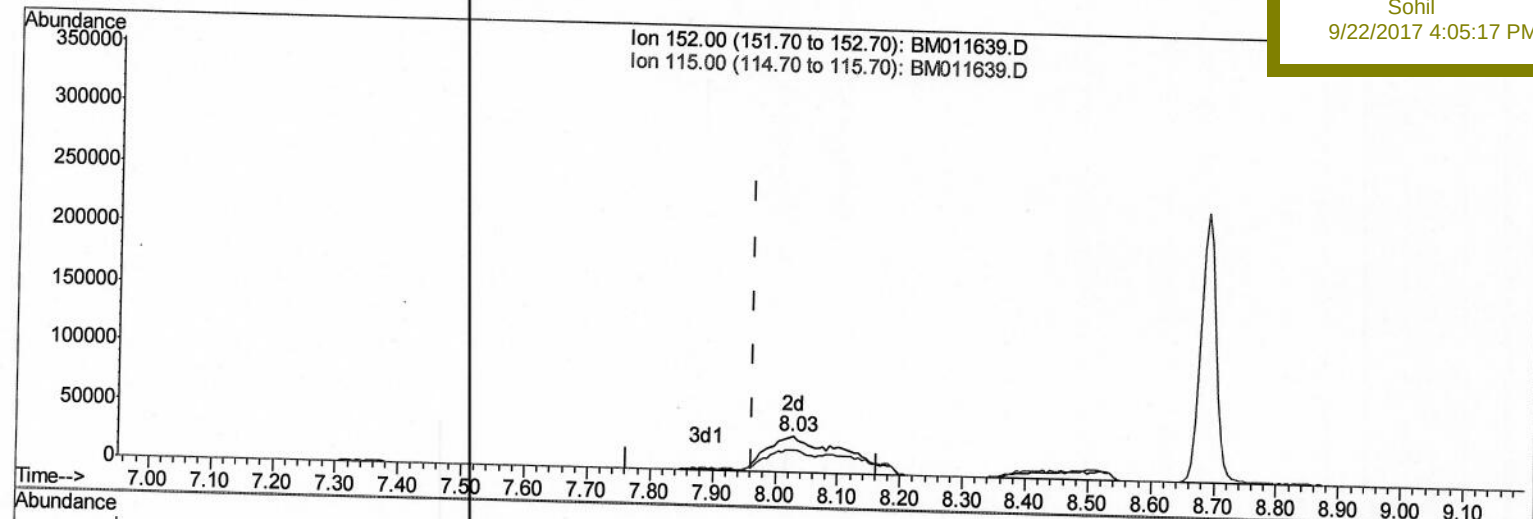
Data Path : Z:\HPCHEM1\BNA M\Data\BM092017\
 Data File : BM011639.D
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Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM



TIC: BM011639.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.028min (+0.065) 20.00ng/ul m

response 257853

Ion Exp% Act%

152.00 100 100

115.00 51.40 61.81#

0.00 0.00 0.00

0.00 0.00 0.00

S.J
 09/25/17

Quantitation Report (Qedit)

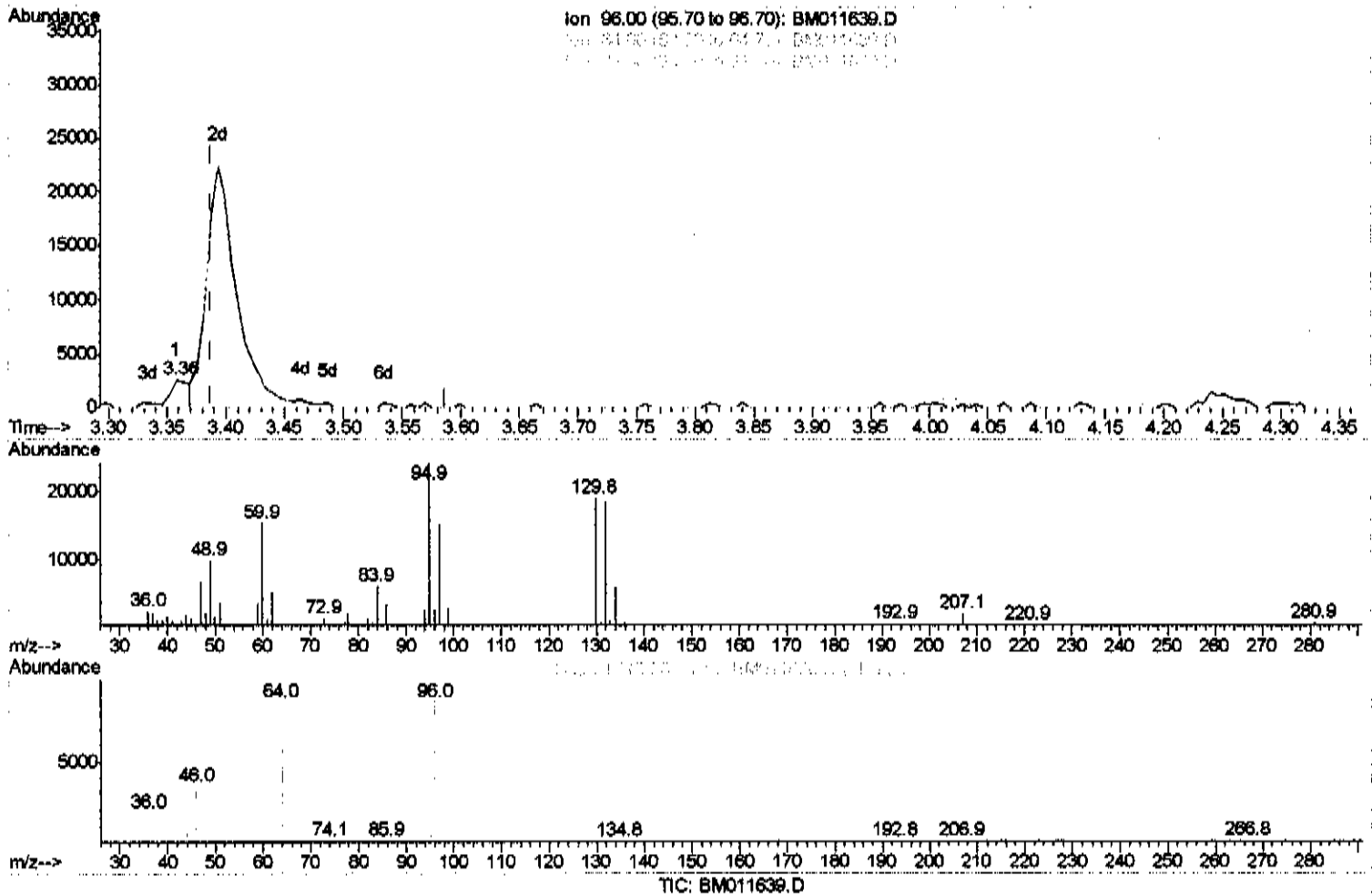
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:44:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



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

3.357min (-0.030) 0.51ng/uL

response 2923

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

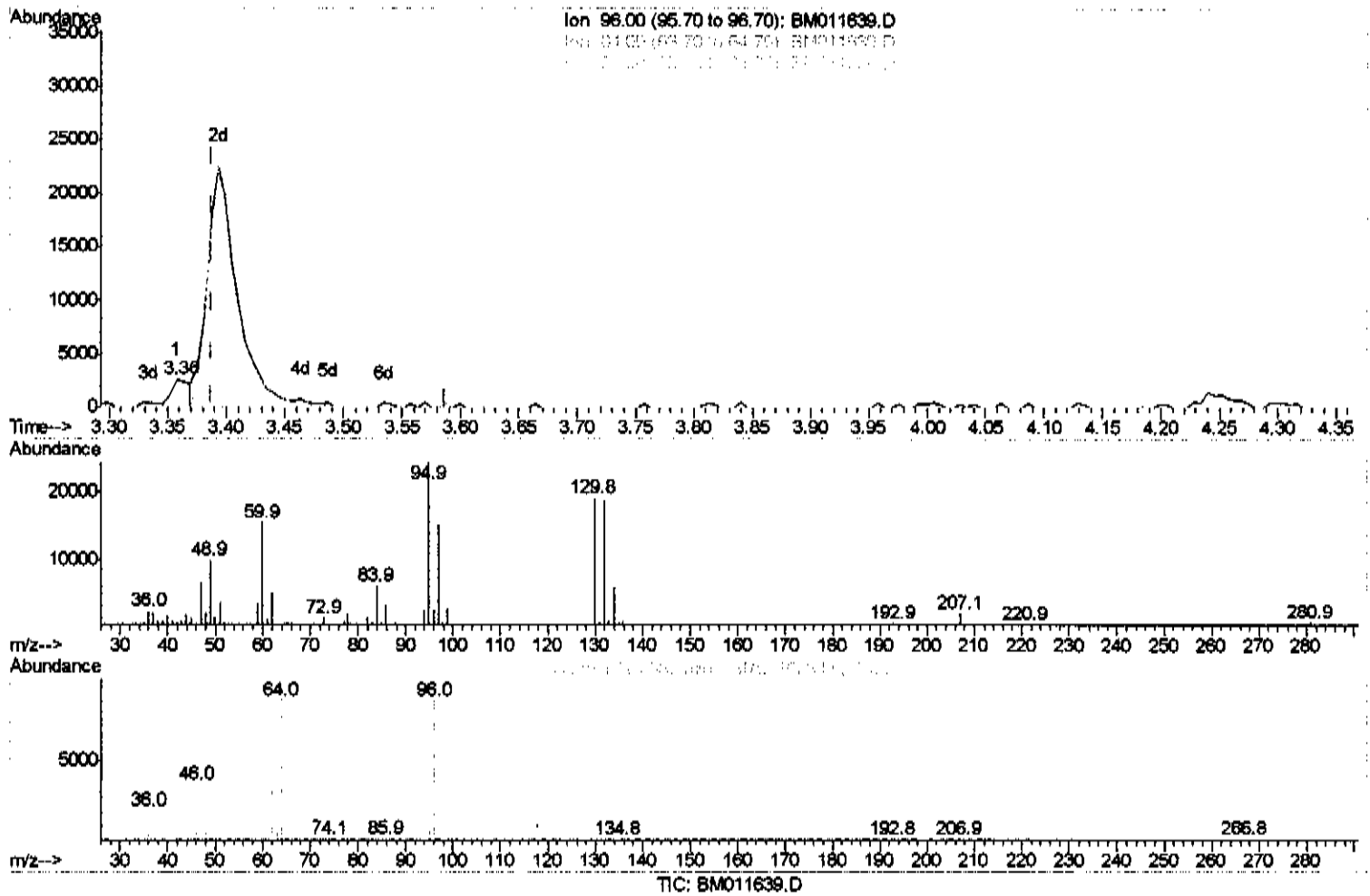
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:47:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



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

3.357min (-0.030) 0.51ng/uL

response 2923

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

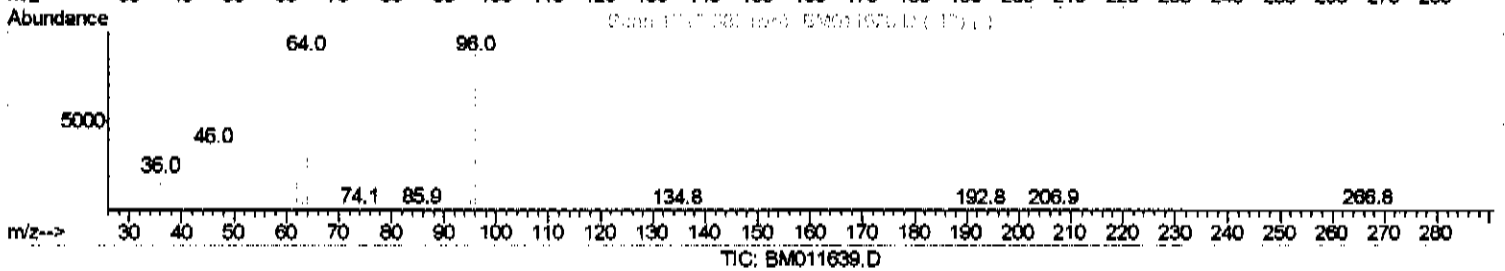
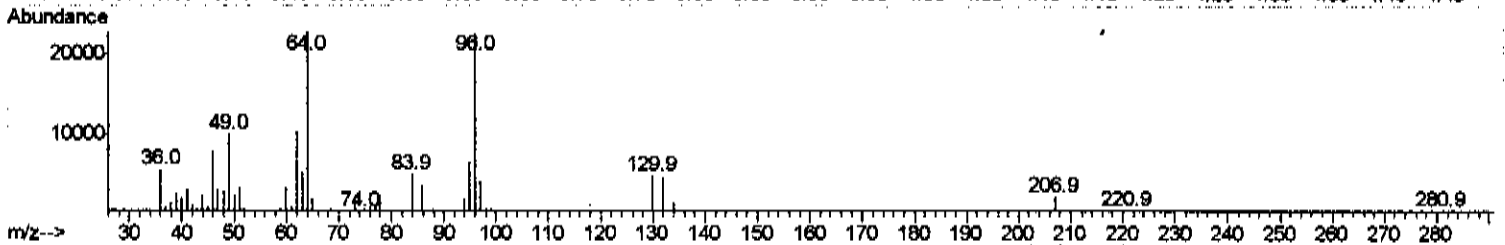
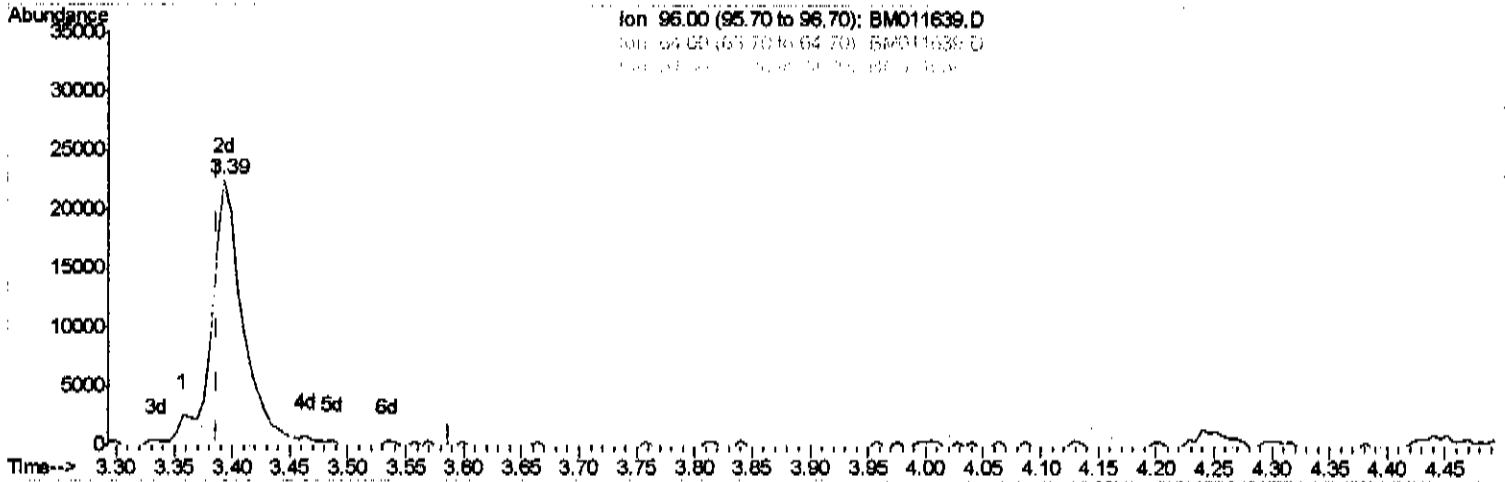
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

Sohil
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Quant Time: Sep 21 03:47:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
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(3) 1,4-Dioxane-d8 (S)

3.393min (+0.006) 7.80ng/uL m

response 44684

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	100.39%
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

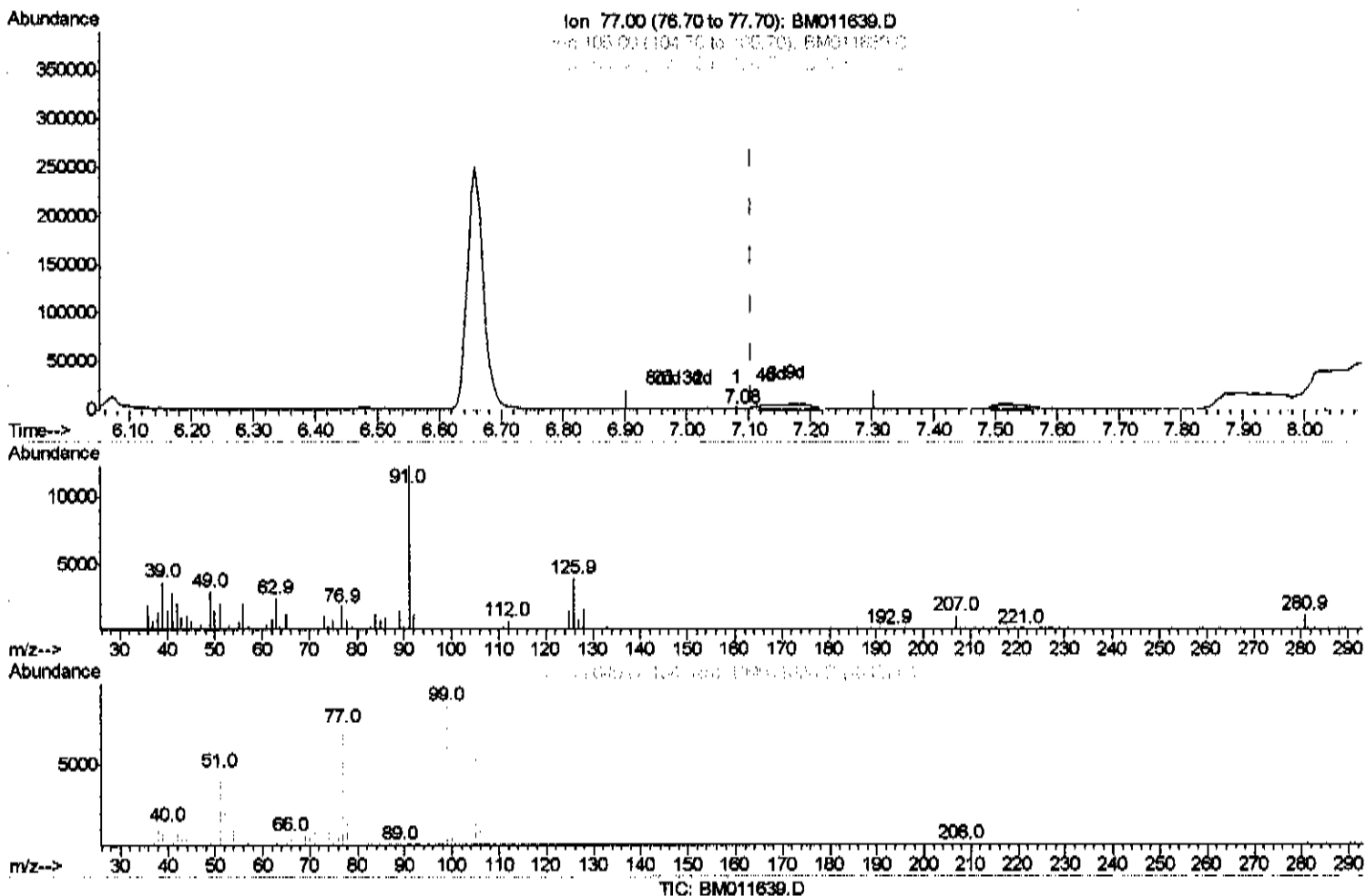
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
 APPROVED

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Quant Time: Sep 21 03:47:53 2017
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(4) Benzaldehyde

7.081min (-0.024) 0.11ng/ui

response 1528

Ion	Exp%	Act%
77.00	100	100
105.00	88.80	16.66#
106.00	86.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

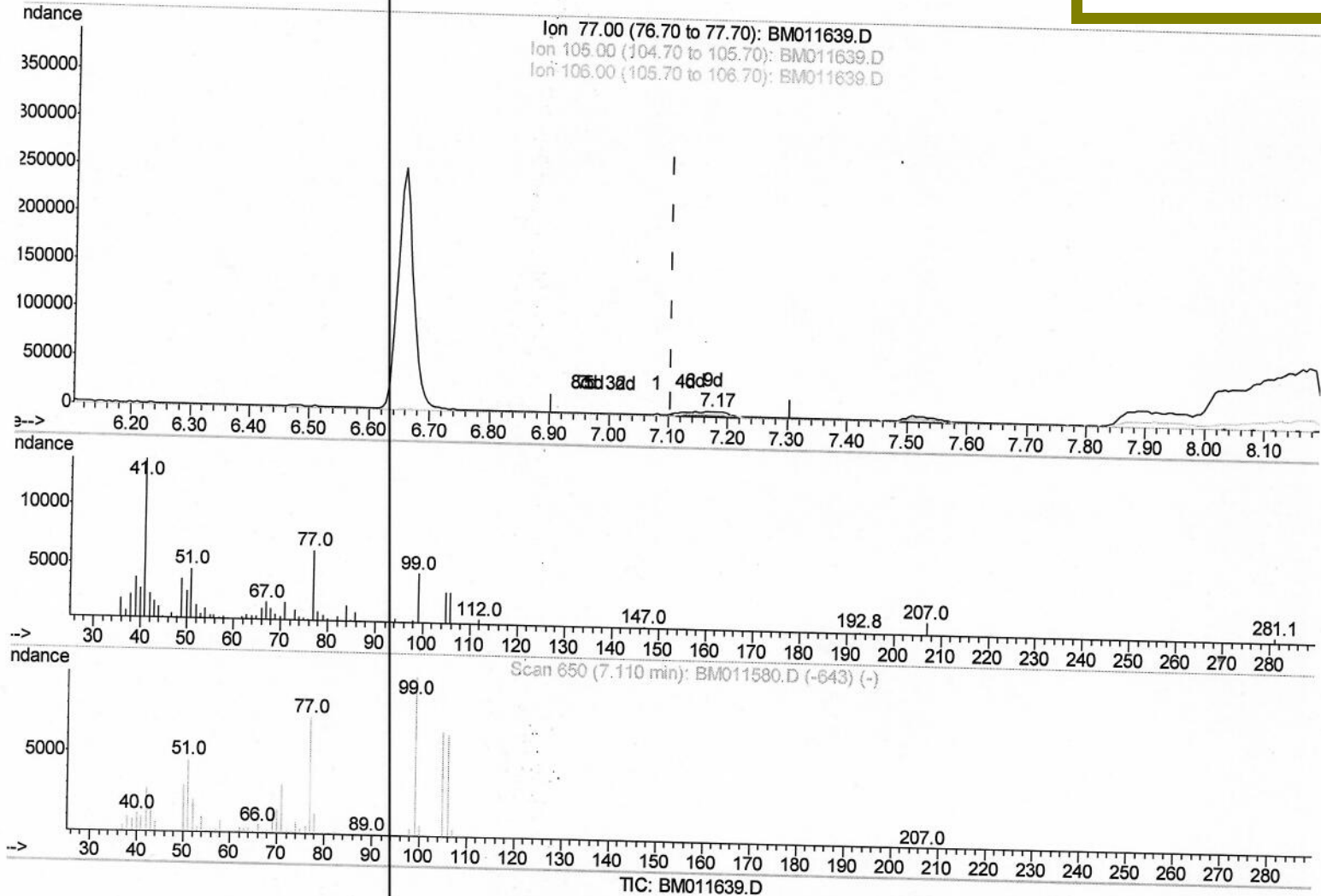
Data Path : Z:\HPCHEM1\BNA M\Data\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:53:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 Last Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



(4) Benzaldehyde

7.175min (+0.071) 1.64ng/ul m

response 23227

Ion	Exp%	Act%
77.00	100	100
105.00	88.80	46.67#
106.00	86.90	46.96#
0.00	0.00	0.00

Ju 9/25/17

Quantitation Report (Qedit)

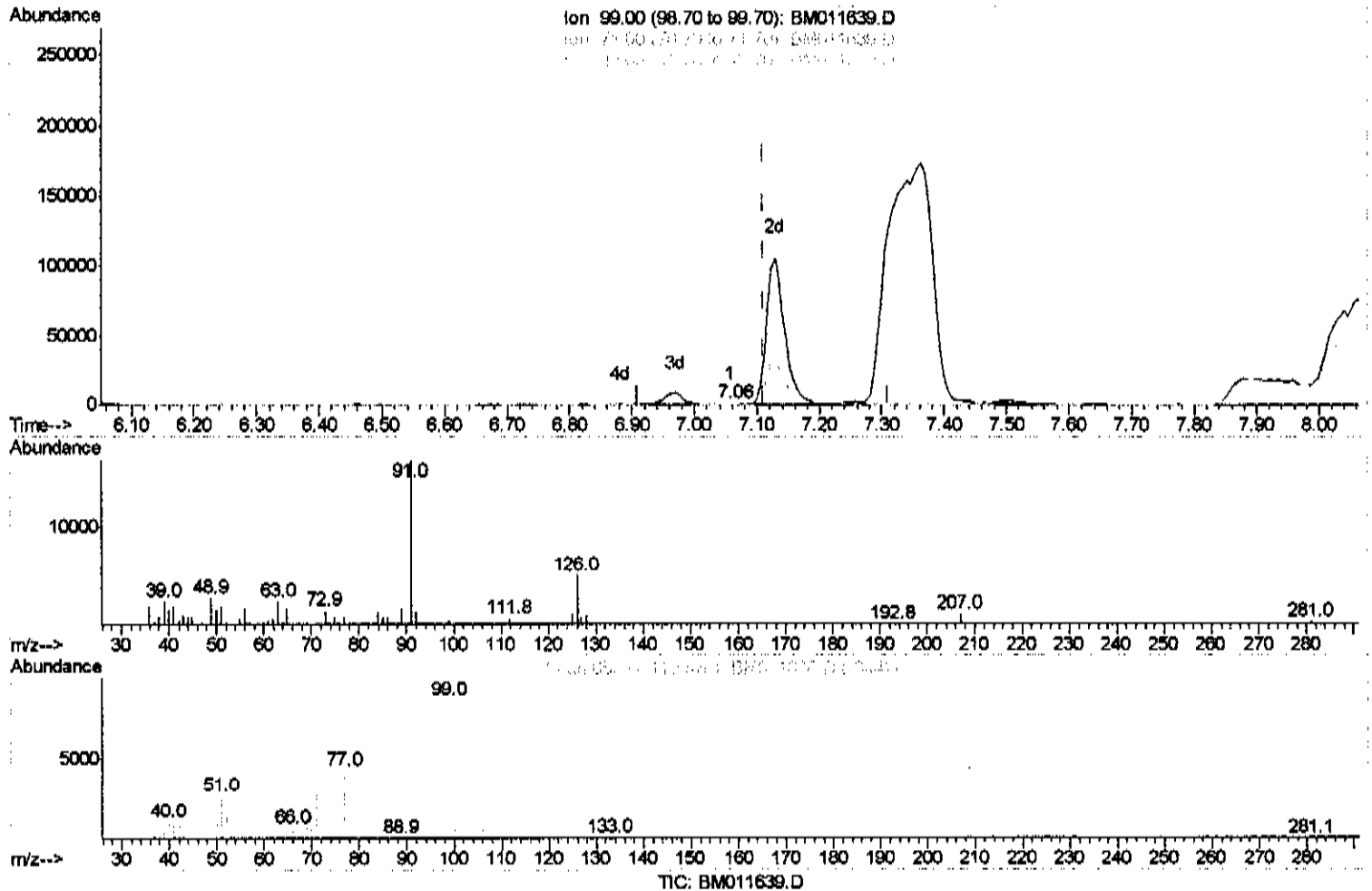
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:47:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



(5) Phenol-d5 (S)

7.057min (-0.053) 0.02ng/ul

response 485

Ion	Exp%	Act%
99.00	100	100
71.00	37.50	0.00%
42.00	17.00	94.49%
0.00	0.00	0.00

Quantitation Report (Qedit)

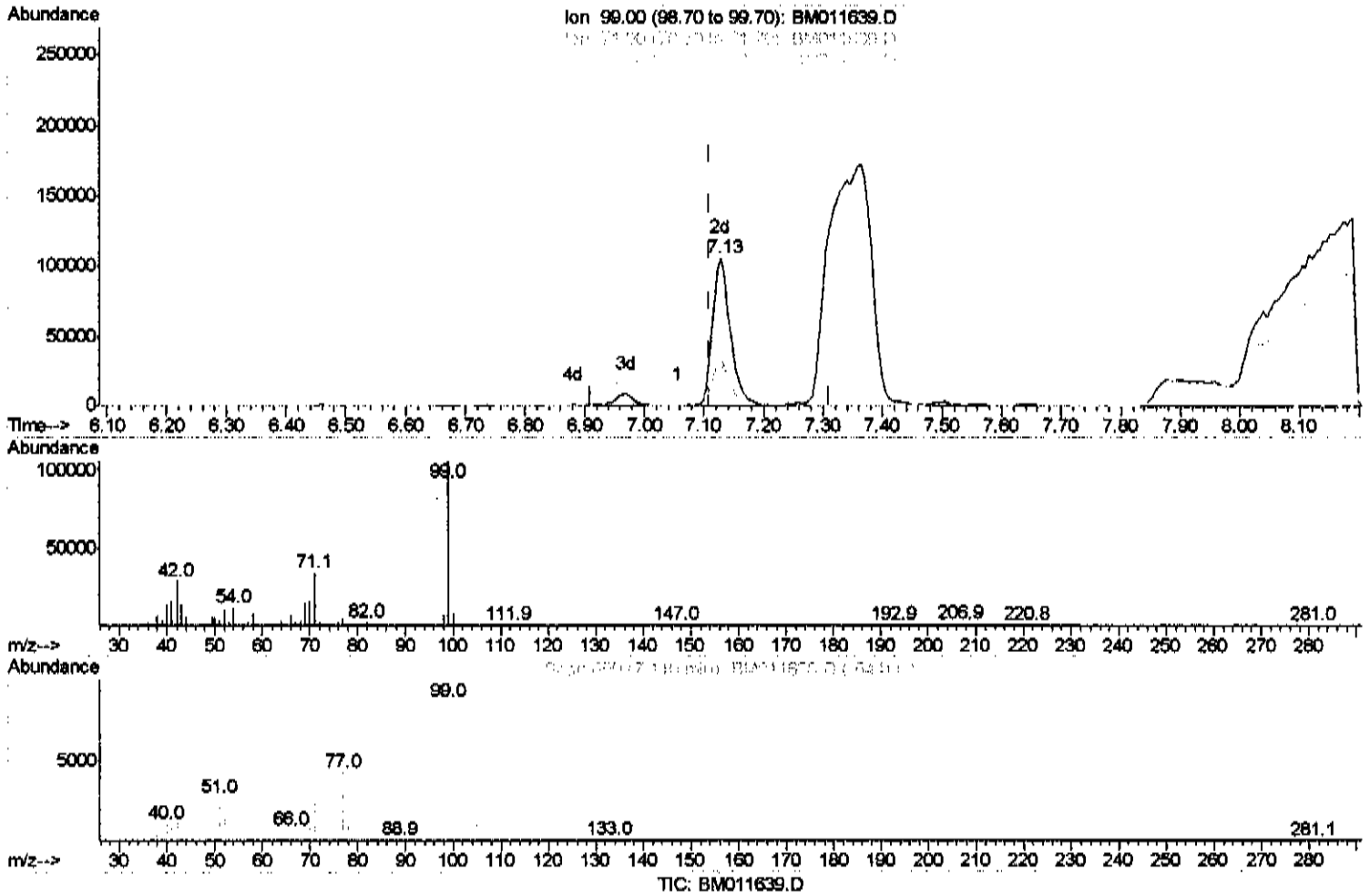
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:47:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 OLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



(5) Phenol-d5 (S)

7.128min (+0.018) 8.76ng/ul m

response 216854

Ion	Exp%	Act%
99.00	100	100
71.00	37.50	32.72
42.00	17.00	27.36%
0.00	0.00	0.00

Quantitation Report (Qedit)

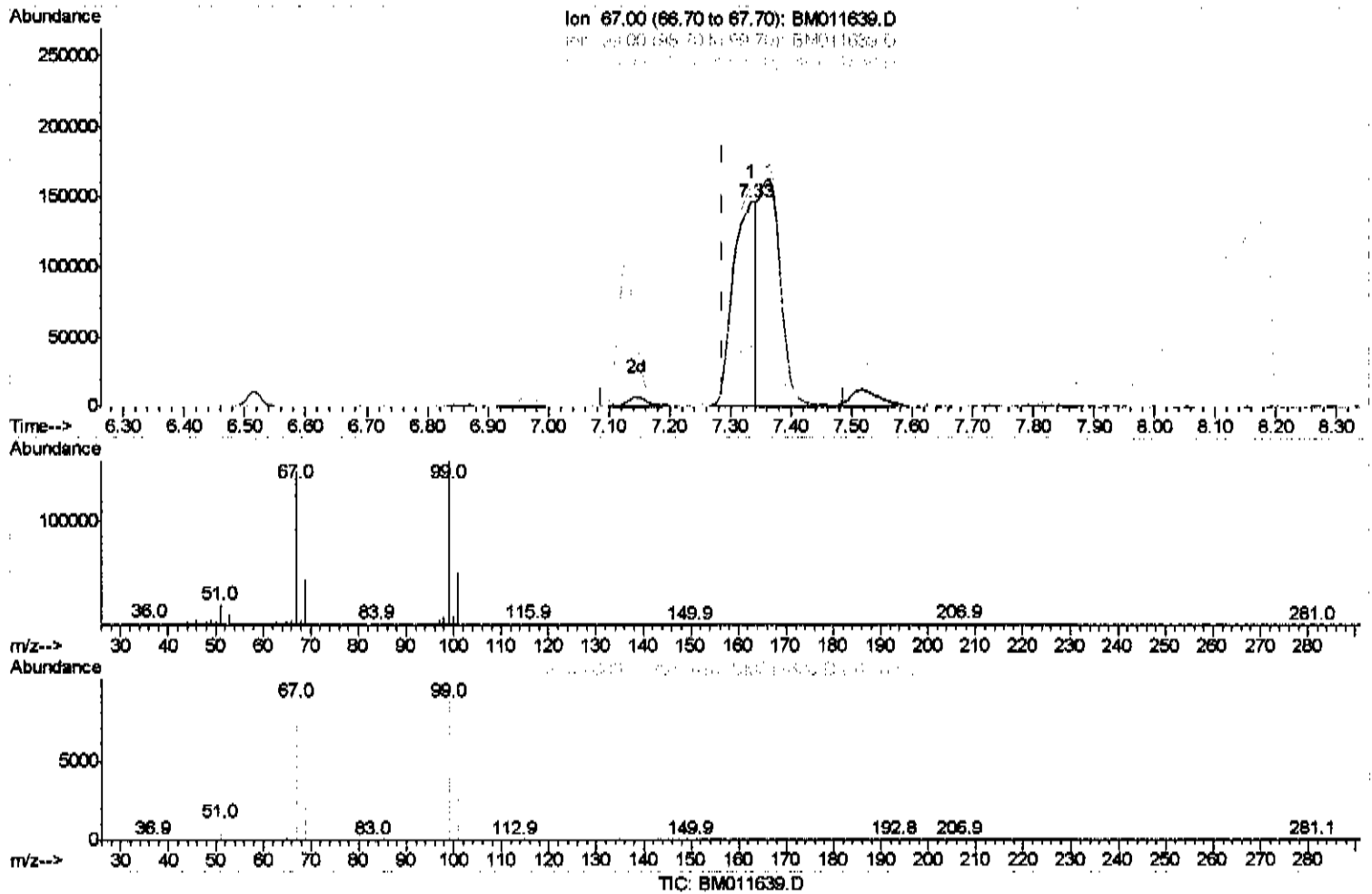
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:51:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



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

7.334min (+0.047) 22.49ng/ul

response 375247

Ion	Exp%	Act%
67.00	100	100
99.00	117.60	106.90
69.00	33.70	30.06
0.00	0.00	0.00

Quantitation Report (Qedit)

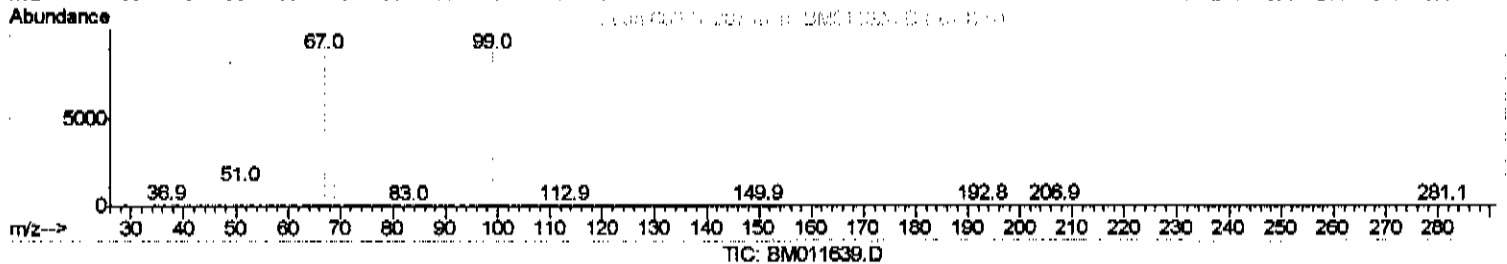
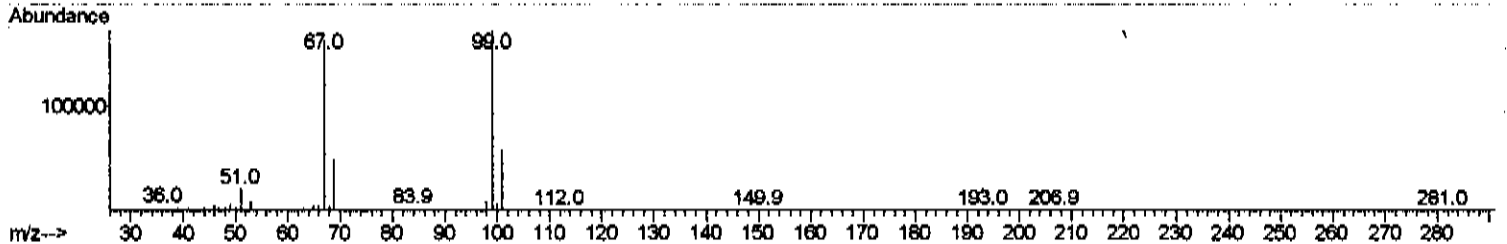
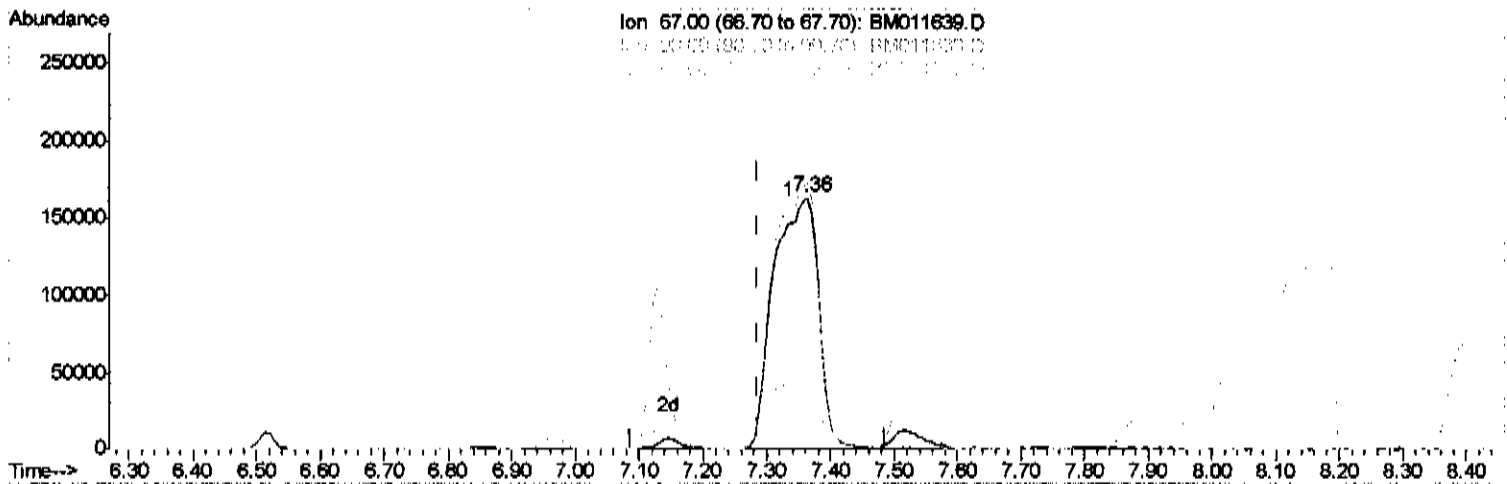
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:51:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 OLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



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

7.363min (+0.076) 47.50ng/ul m *SJ 9/25/17*

response 792556

Ion	Exp%	Act%
67.00	100	100
99.00	117.60	106.06
89.00	33.70	30.87
0.00	0.00	0.00

Quantitation Report (Qedit)

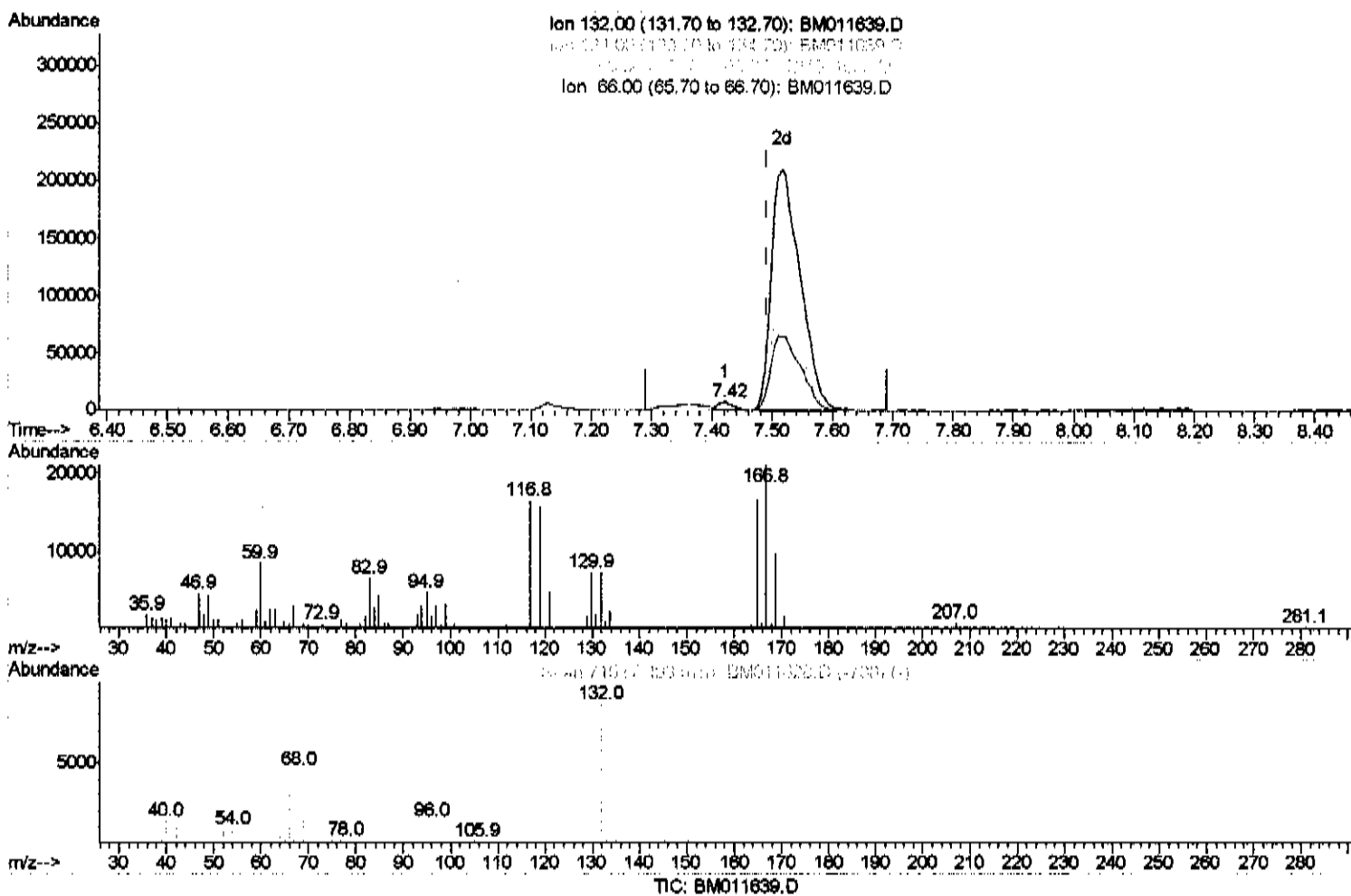
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
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 ALS Vial : 13 Sample Multiplier: 1

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Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:51:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
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(9) 2-Chlorophenol-d4 (S)

7.422min (-0.071) 0.79ng/ul

response 14791

Ion	Exp%	Act%
132.00	100	100
134.00	33.40	32.80
68.00	42.30	4.72#
66.00	25.40	12.64#

Quantitation Report (Qedit)

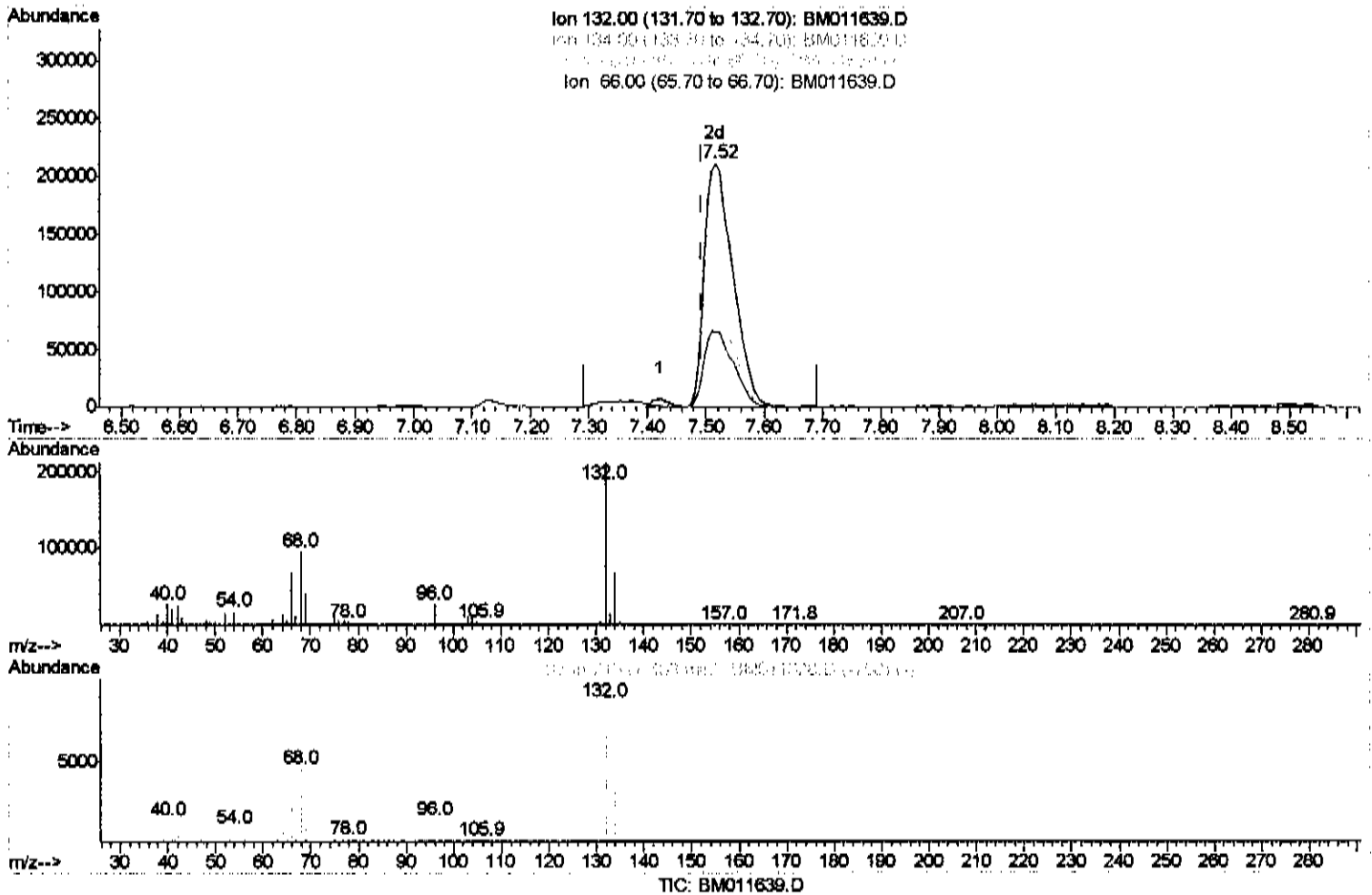
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5273-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:51:38 2017
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 Response via : Initial Calibration



(9) 2-Chlorophenol-d4 (S)

7.516min (+0.023) 37.98ng/ul m

response 708741

Ion	Exp%	Act%
132.00	100	100
134.00	33.40	31.55
68.00	42.30	44.68
66.00	25.40	31.34#

SJ 9/25/17

Quantitation Report (Qedit)

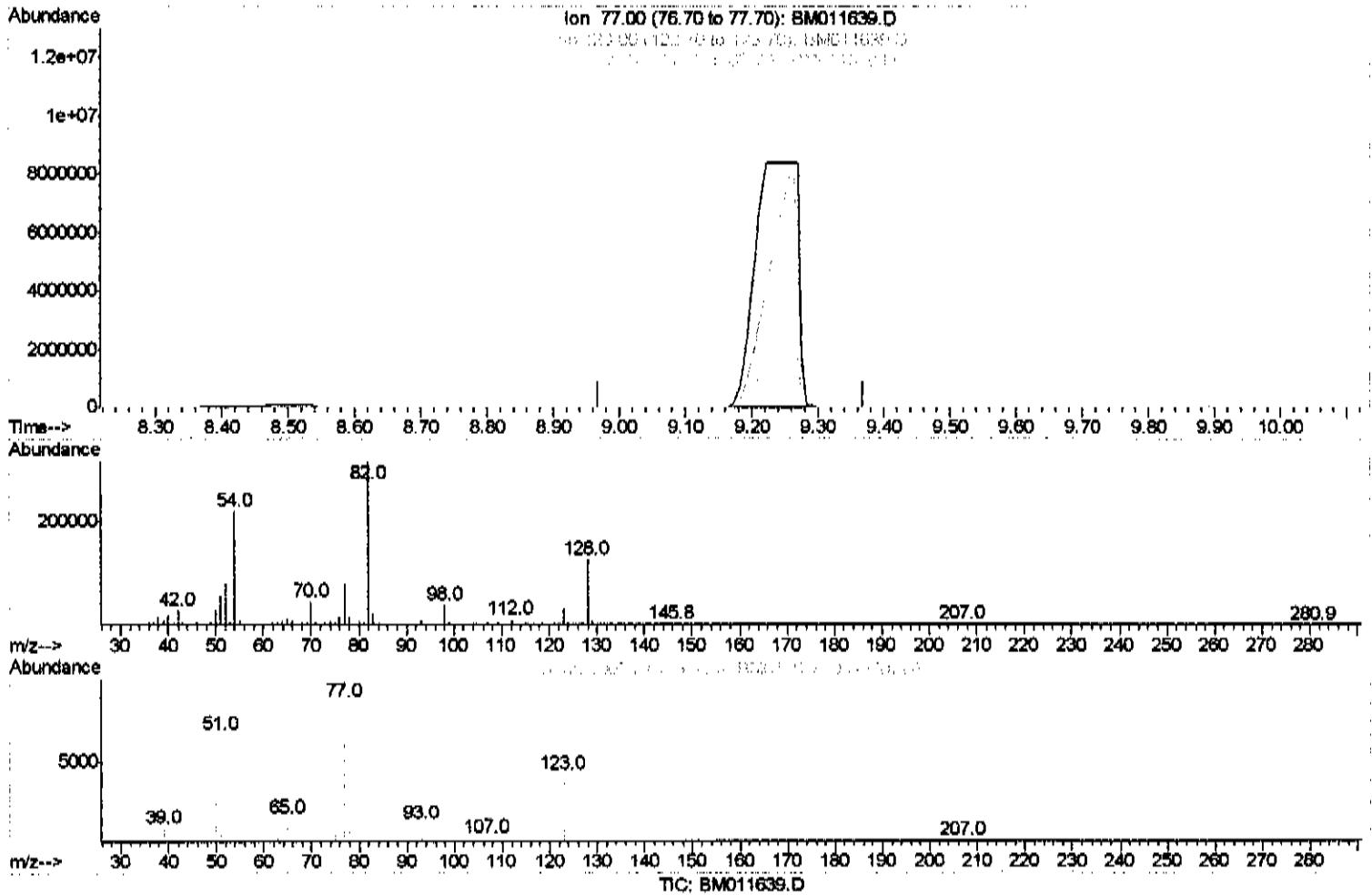
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
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Manual Integrations
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 9/22/2017 4:05:17 PM

Quant Time: Sep 21 03:52:13 2017
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 Response via : Initial Calibration



(20) Nitrobenzene

9.169min (-9.169) 0.00ng/ul

response 0

Ion	Exp%	Act%
77.00	100	0.00
123.00	39.80	0.00%
65.00	13.30	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

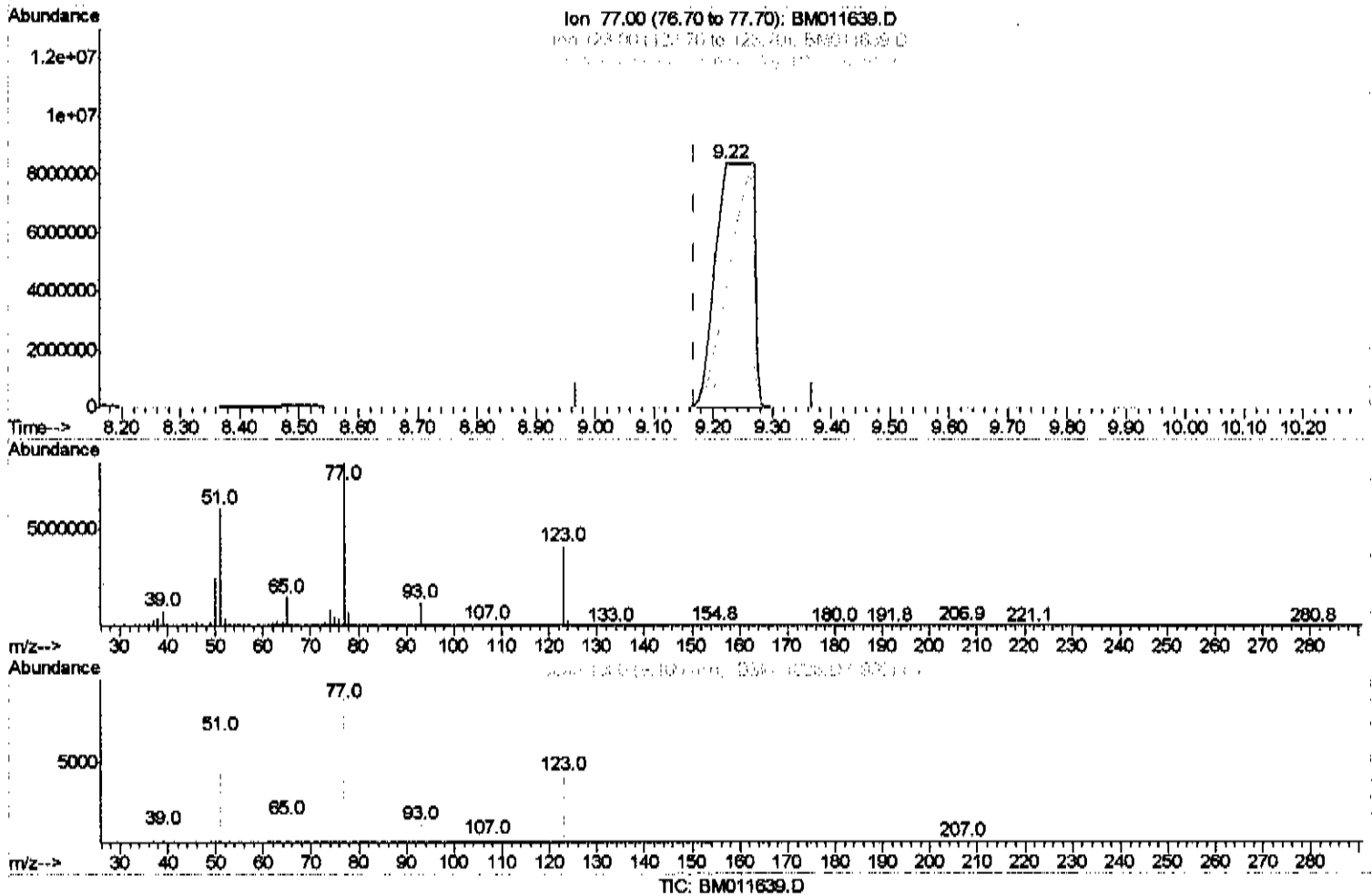
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011639.D
 Acq On : 20 Sep 2017 16:09
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Manual Integrations
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 9/22/2017 4:05:17 PM

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 Quant Title : SVQA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration



(20) Nitrobenzene

9.222min (+0.053) 1226.85ng/ul m

response 37347702

Ion	Exp%	Act%
77.00	100	100
123.00	39.80	48.89#
65.00	13.30	17.75#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
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 Operator : SJ/JU
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 9/22/2017 4:05:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	257853m	20.00	ng/ul	0.06
18) Naphthalene-d8	10.80	136	1705418	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.60	164	982433	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2179780	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2272448	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1997264	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	44684m	7.80	ng/uL	0.00
5) Phenol-d5	7.13	99	216854m	8.76	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.36	67	792556m	47.50	ng/ul	0.08
9) 2-Chlorophenol-d4	7.52	132	708741m	37.98	ng/ul	0.02
13) 4-Methylphenol-d8	8.69	113	410628	21.24	ng/ul	0.02
19) Nitrobenzene-d5	9.17	128	454206	35.08	ng/ul	0.04
22) 2-Nitrophenol-d4	9.87	143	475566	35.34	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.40	165	786632	29.04	ng/ul	0.02
29) 4-Chloroaniline-d4	10.93	131	23276	0.78	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2794369	33.64	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3320552	33.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	86318	5.53	ng/ul	0.00
58) Fluorene-d10	15.59	176	2360229	32.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	404983	31.93	ng/ul	0.00
71) Anthracene-d10	17.43	188	3681771	34.30	ng/ul	0.00
79) Pyrene-d10	19.72	212	4021873	37.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3313514	34.81	ng/ul	0.00
Target Compounds						
4) Benzaldehyde	7.17	77	23227m	1.642	ng/ul	
17) Hexachloroethane	9.08	117	37843	5.438	ng/ul#	67
20) Nitrobenzene	9.22	77	37347702m	1226.855	ng/ul	
23) 2-Nitrophenol	9.90	139	192096	13.585	ng/ul	90
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	928957	31.876	ng/ul#	96
53) 4-Nitrophenol	14.79	109	18879	1.882	ng/ul#	78
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1786108	61.491	ng/uL	98

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