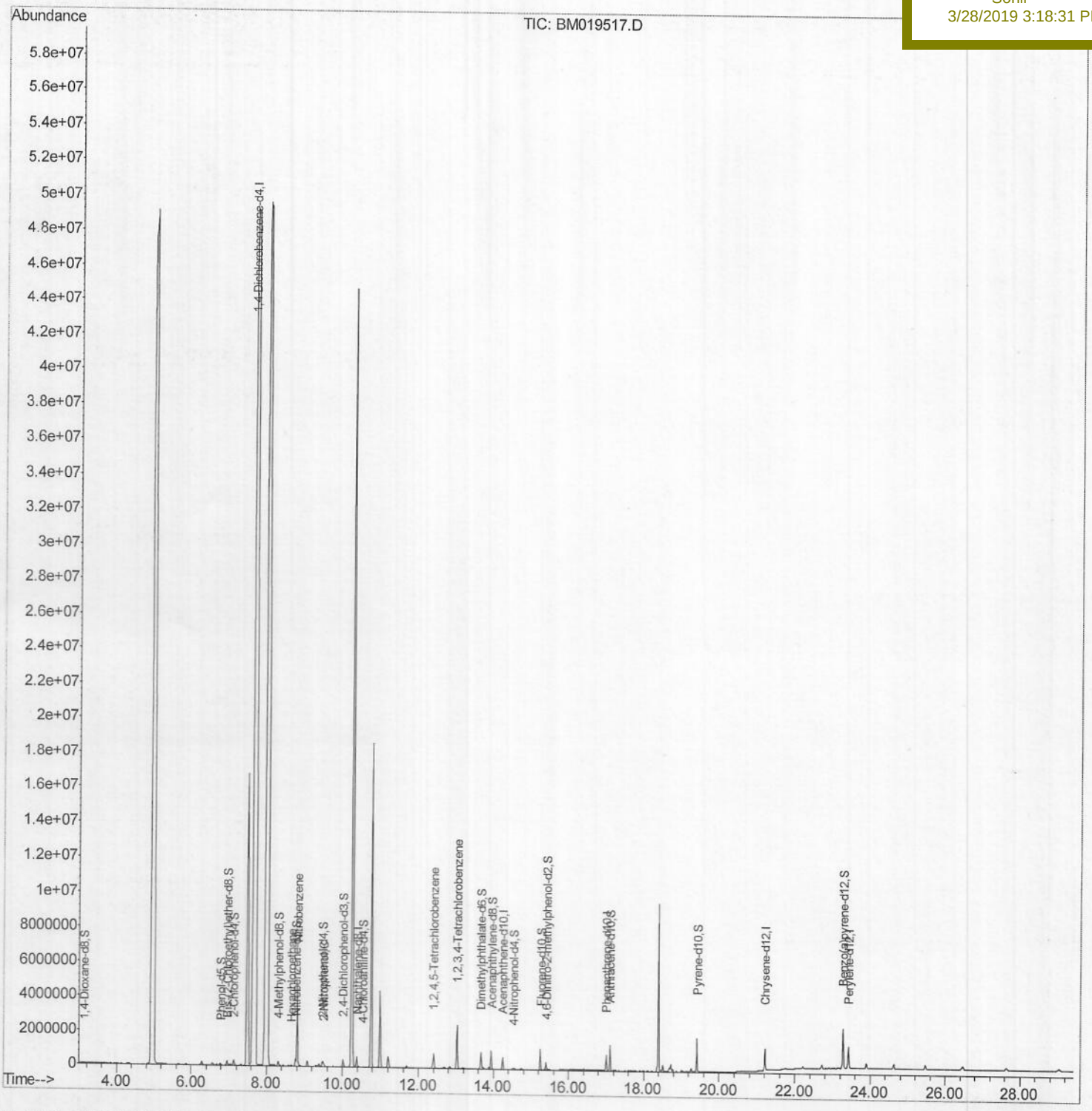
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019517.D
Acq On : 27 Mar 2019 22:35
Operator : JU/SJ
Sample : K2069-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 28 06:46:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C09D7

Manual Integrations APPROVED
Sohil
3/28/2019 3:18:31 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
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Acq On : 27 Mar 2019 22:35
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Quant Title : SVOA CALIBRATION
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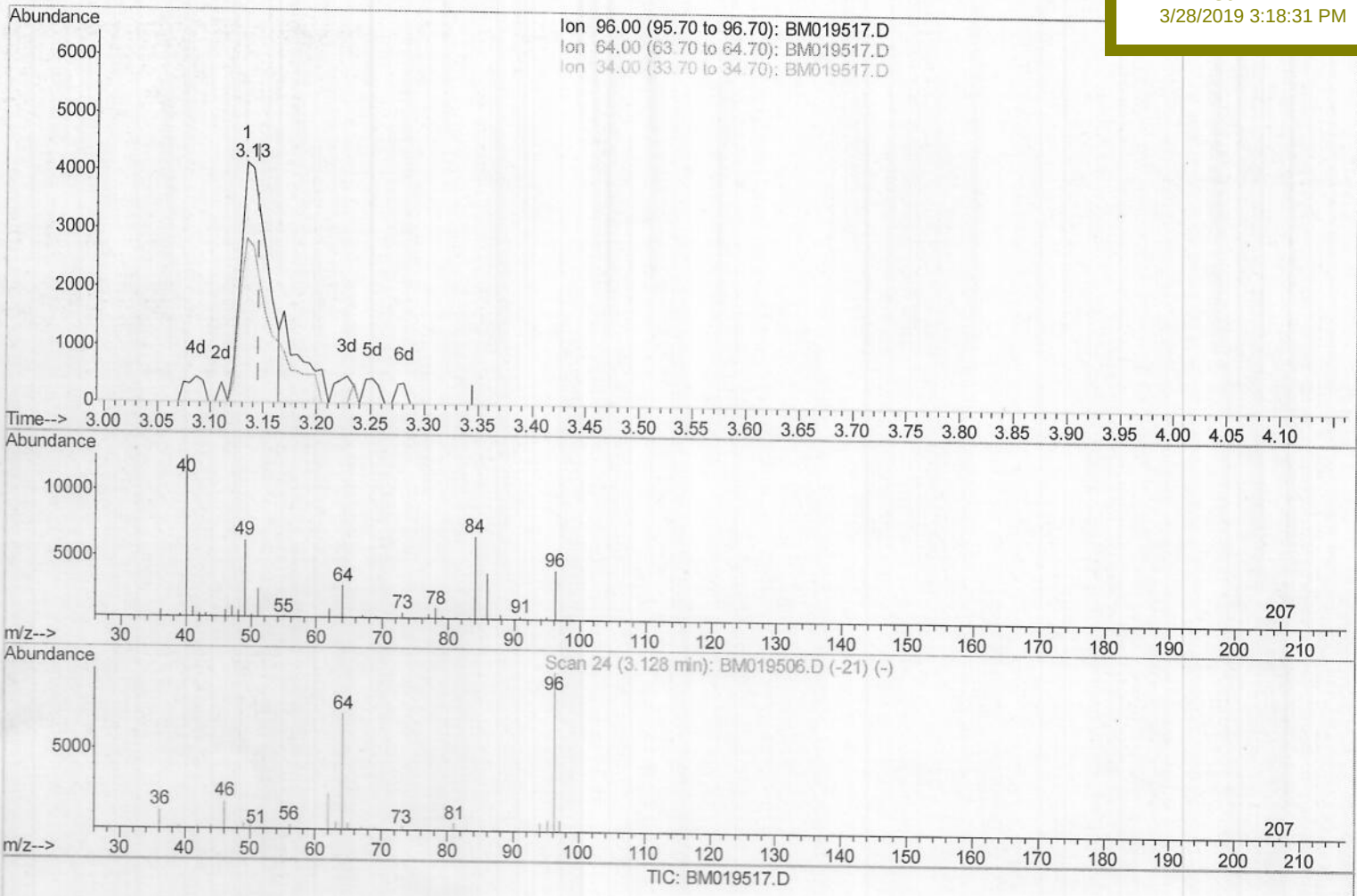

TIC: BM019517.D

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

3.134min (-0.012) 2.71ng/uL

response 7096

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	68.63
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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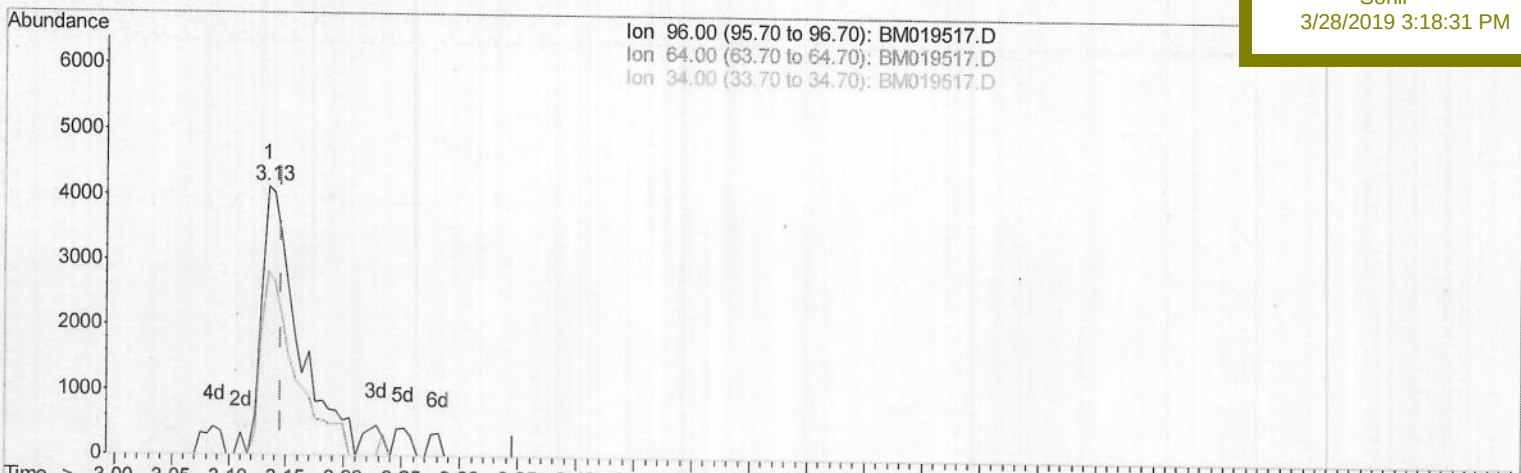

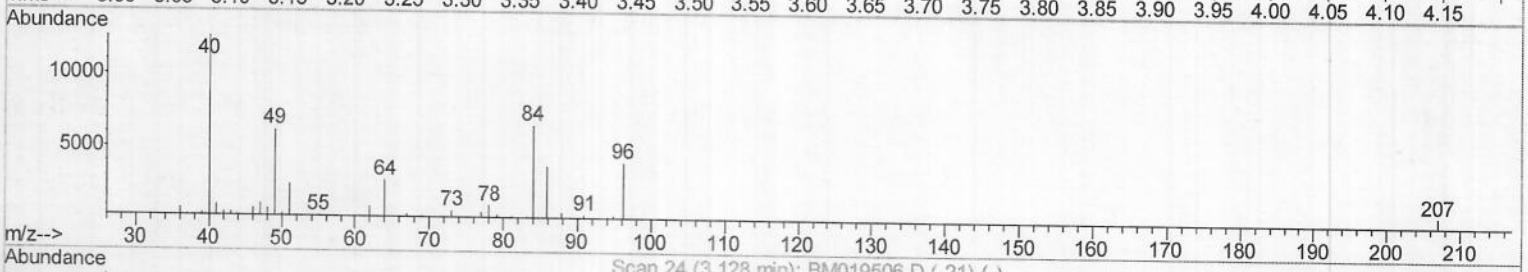

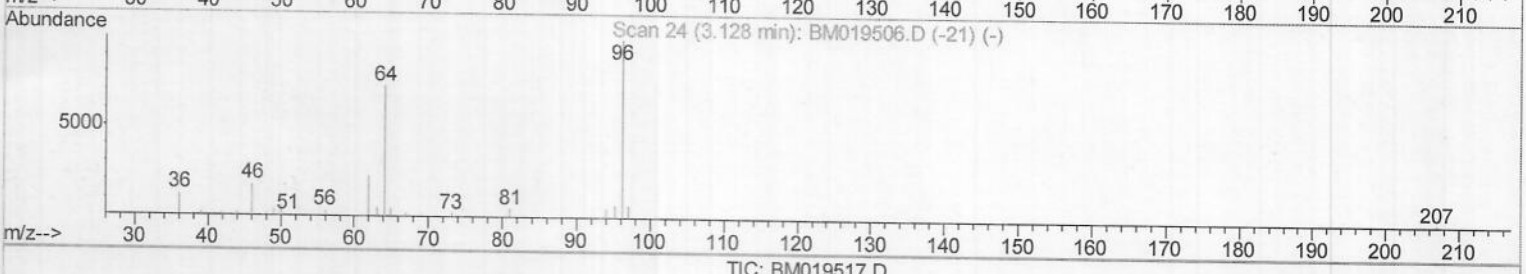

TIC: BM019517.D

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

3.134min (-0.012) 3.49ng/uL m

response 9144

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	68.63
34.00	0.00	0.00
0.00	0.00	0.00

S 04/01/19

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Manual Integrations APPROVED
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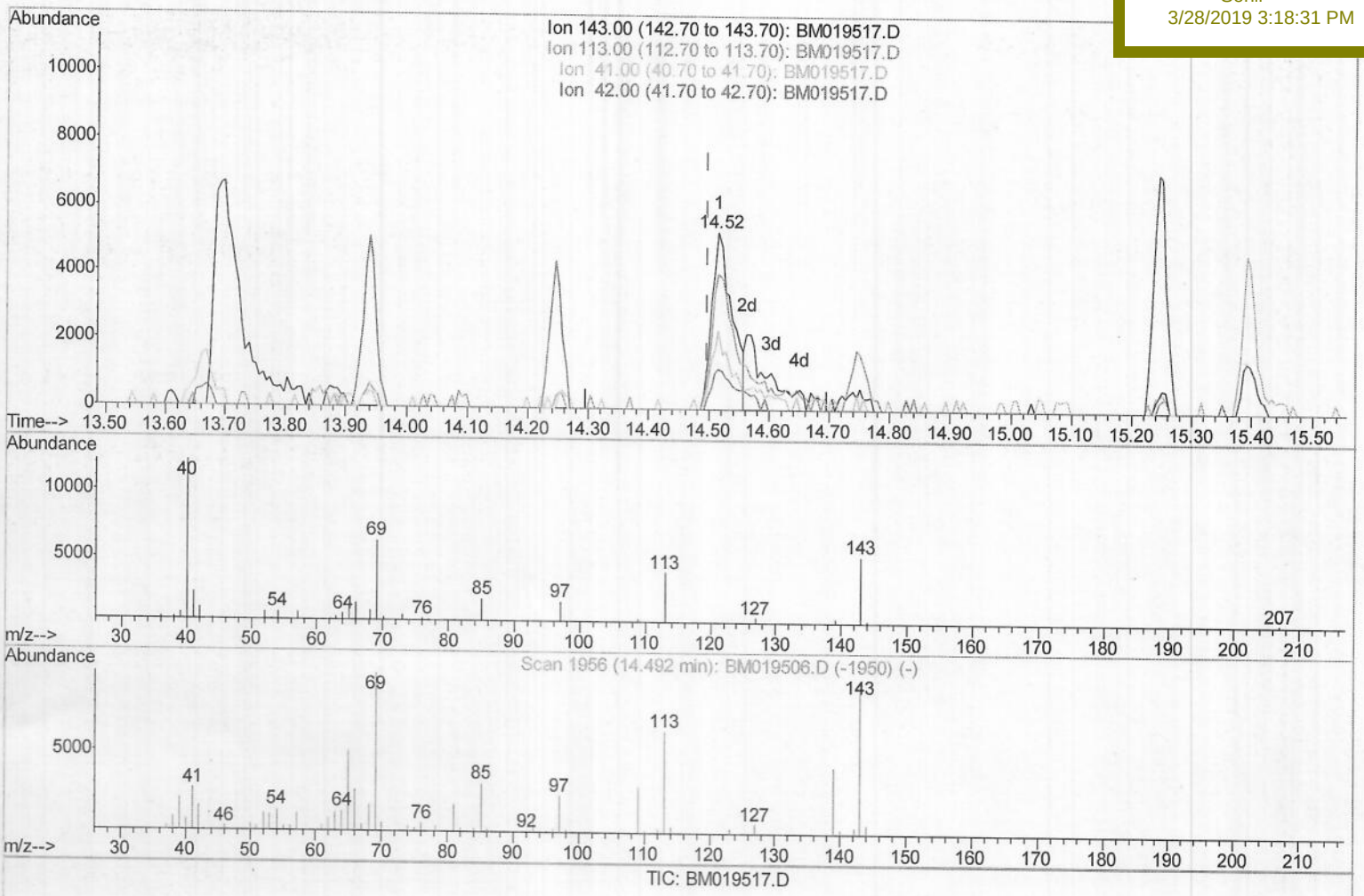

TIC: BM019517.D

(52) 4-Nitrophenol-d4 (S)

14.516min (+0.018) 4.77ng/ul

response 12284

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	76.10
41.00	32.60	44.30#
42.00	22.30	22.69

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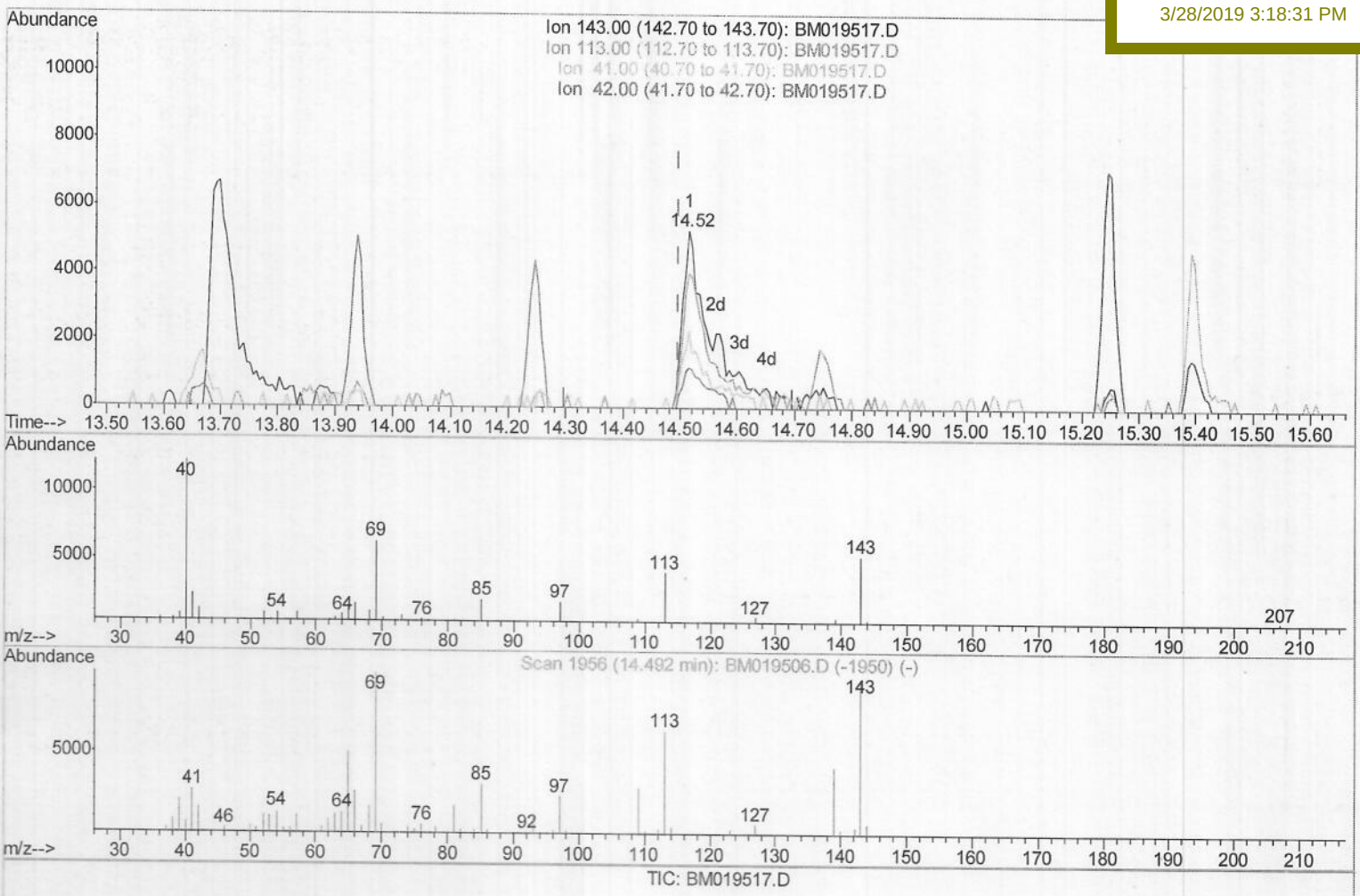
Manual Integrations APPROVED
Sohil
3/28/2019 3:18:31 PM



TIC: BM019517.D

(52) 4-Nitrophenol-d4 (S)

14.516min (+0.018) 7.08ng/ul m

response 18231

S7
04101119

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	76.10
41.00	32.60	44.30#
42.00	22.30	22.69

Quantitation Report (Qedit)

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Acq On : 27 Mar 2019 22:35
Operator : JU/SJ
Sample : K2069-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 28 06:45:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
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Instrument :
BNA_M
ClientSampleId :
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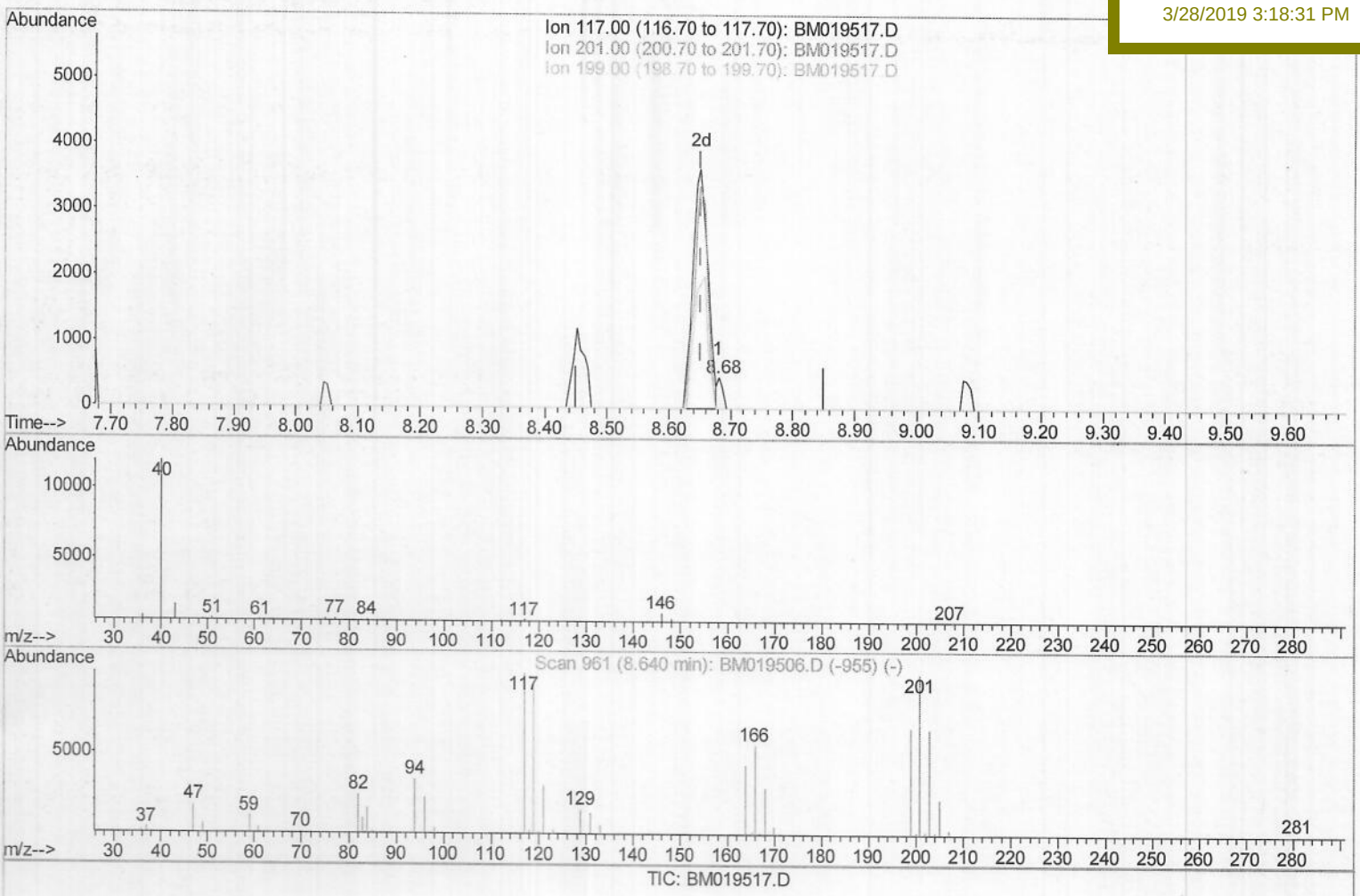
Manual Integrations APPROVED
Sohil
3/28/2019 3:18:31 PM



TIC: BM019517.D

(17) Hexachloroethane

8.681min (+0.030) 0.09ng/ul

response 275

Ion	Exp%	Act%
117.00	100	100
201.00	120.10	0.00#
199.00	74.60	0.00#
0.00	0.00	0.00

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BNA_M
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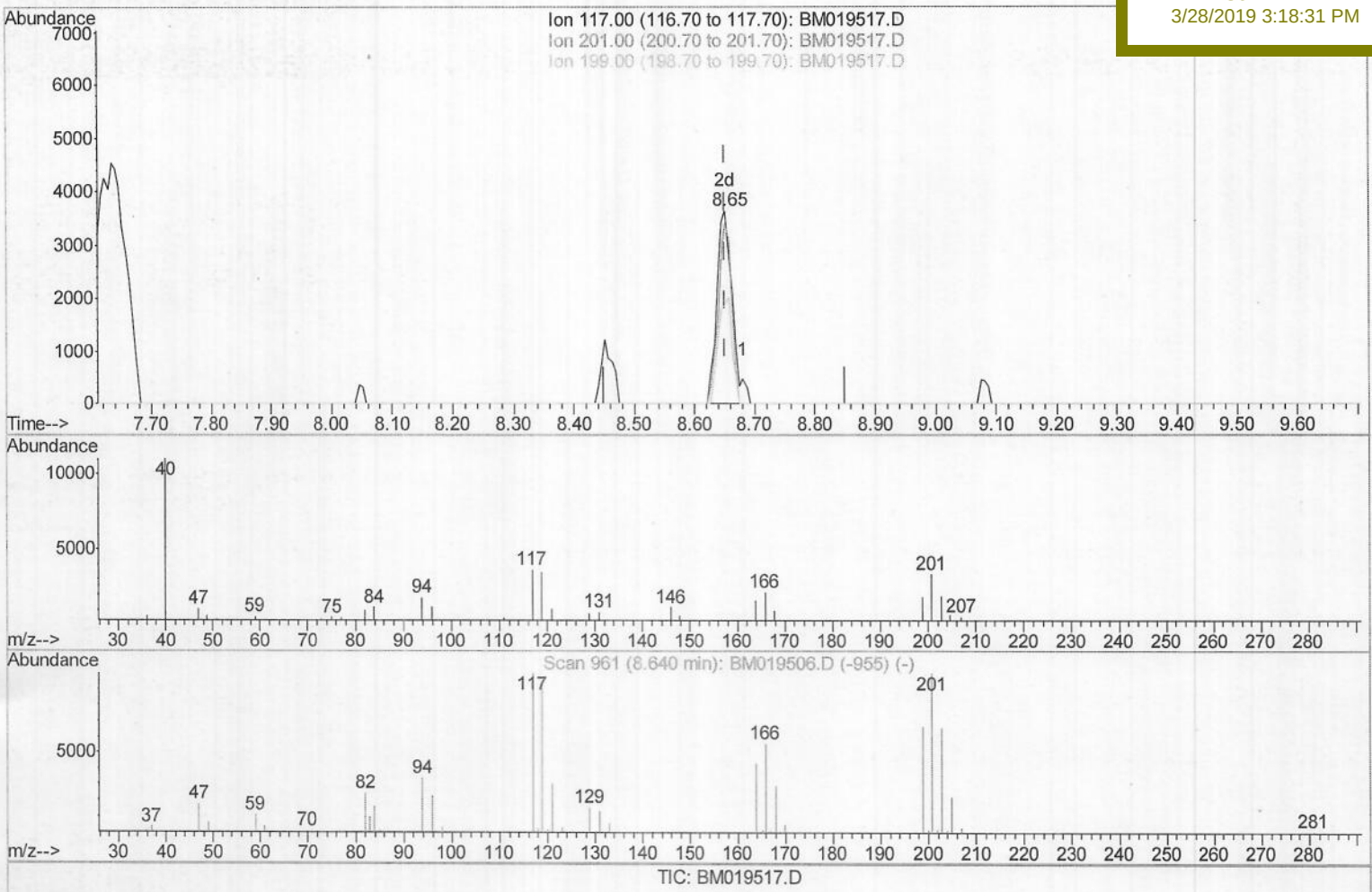
C09D7

Manual Integrations APPROVED
Sohil
3/28/2019 3:18:31 PM



TIC: BM019517.D

(17) Hexachloroethane

8.651min (+0.000) 2.18ng/ul m

response 6460

SJ 04/01/19

Ion	Exp%	Act%
117.00	100	100
201.00	120.10	92.86#
199.00	74.60	51.84#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
Sohil
3/28/2019 3:18:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	102629	20.00	ng/ul	0.04
18) Naphthalene-d8	10.38	136	381208	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	203550	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	459916	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	588888	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	784577	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	9144m	3.49	ng/uL	-0.01
5) Phenol-d5	6.78	99	49920	5.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	144795	23.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	147329	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	97697	14.24	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	87919	32.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	101098	33.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	156444	27.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	8241	1.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	562047	34.22	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	669243	32.59	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	18231m	7.08	ng/ul	0.02
58) Fluorene-d10	15.25	176	452427	31.97	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	87255	28.69	ng/ul	-0.01
71) Anthracene-d10	17.10	188	729982	33.08	ng/ul	-0.01
79) Pyrene-d10	19.42	212	856923	31.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	1283798	30.87	ng/ul	-0.01
Target Compounds						Qvalue
17) Hexachloroethane	8.65	117	6460m	2.183	ng/ul	
20) Nitrobenzene	8.81	77	2829551	349.554	ng/ul	100
23) 2-Nitrophenol	9.50	139	31905	9.556	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	250433	38.664	ng/ul#	93
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	676471	101.451	ng/uL	99

SJ 04/01/19

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