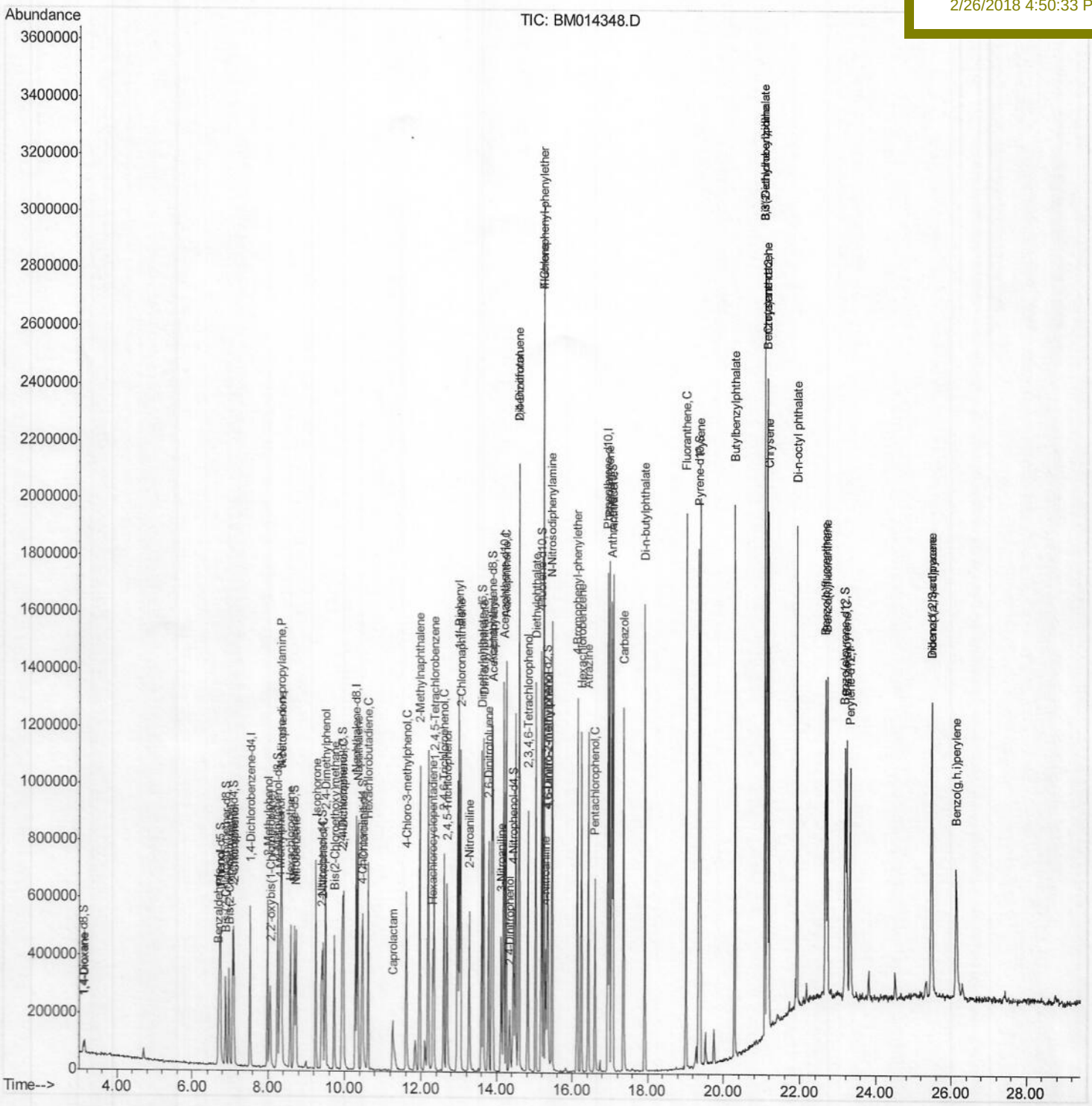
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014348.D
Acq On : 24 Feb 2018 01:31
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 24 02:44:12 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
LabSampleId :
SSTD02002

Manual Integrations APPROVED
Sohil
2/26/2018 4:50:33 PM



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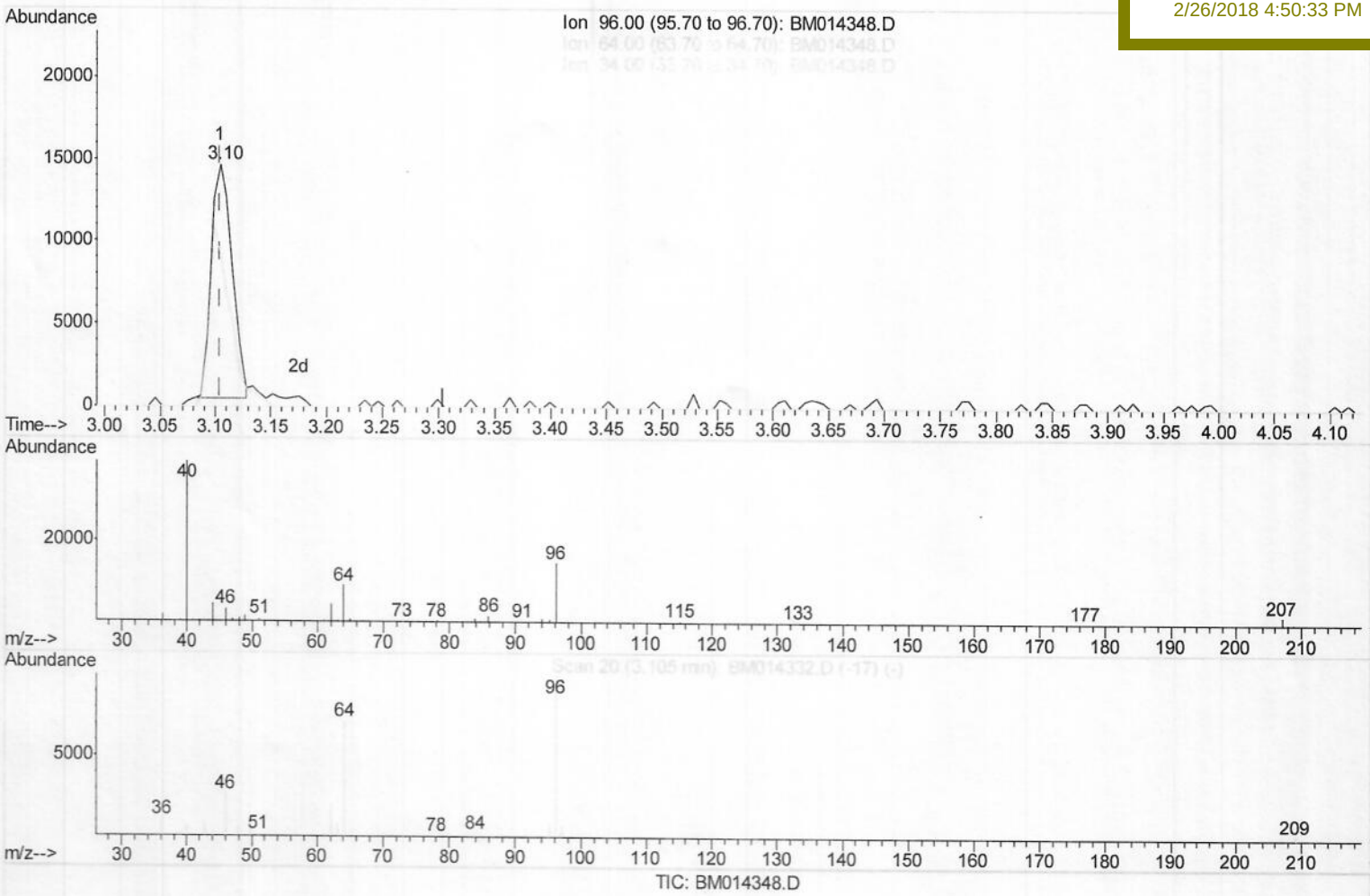

TIC: BM014348.D

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

3.105min (+0.000) 6.24ng/uL

response 19050

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	75.78
34.00	0.00	0.00
0.00	0.00	0.00

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Sohil
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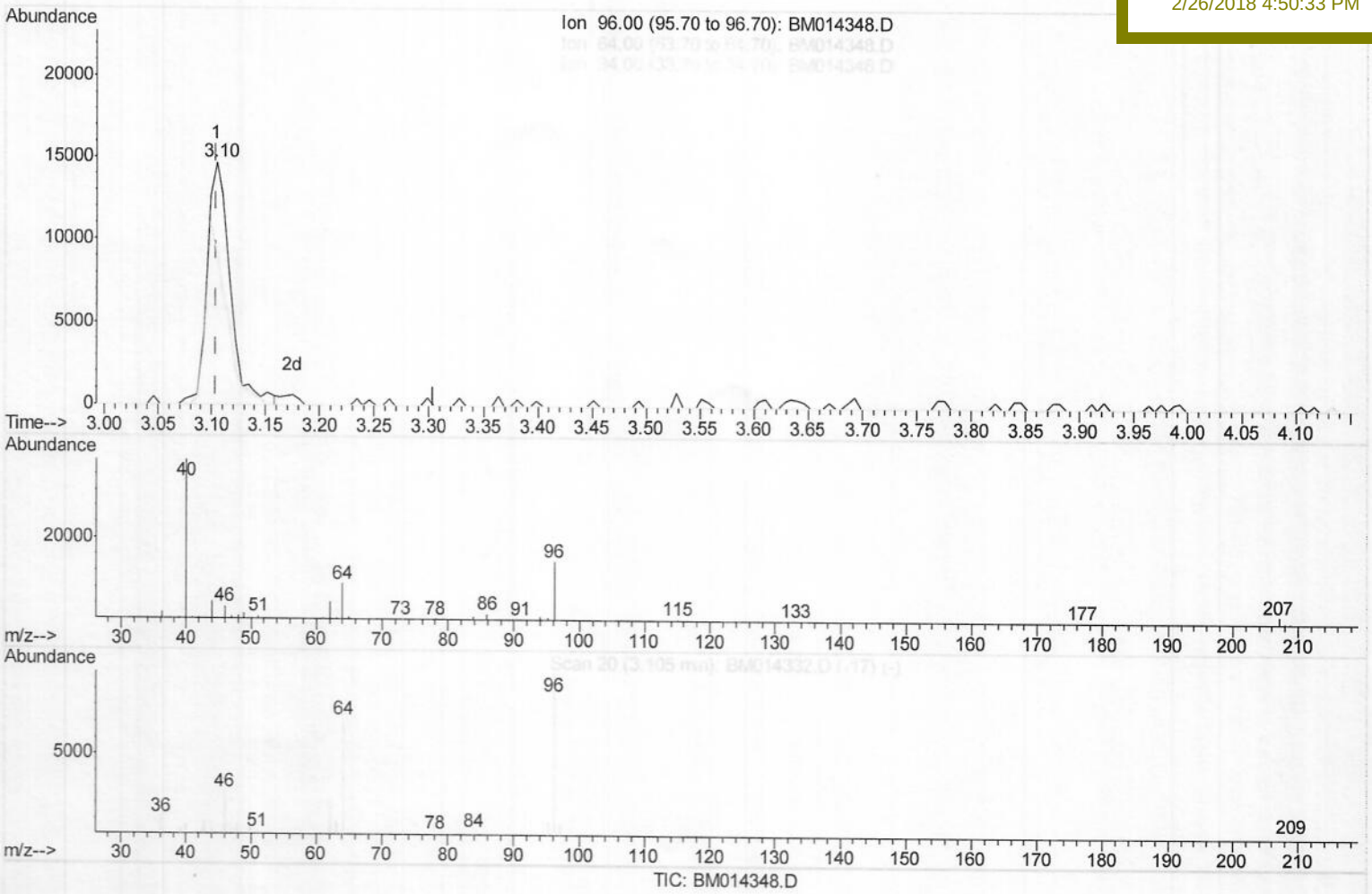

TIC: BM014348.D

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

3.105min (+0.000) 7.19ng/uL m → SJ 03/08/18

response 21939

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	65.80
34.00	0.00	0.00
0.00	0.00	0.00

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Operator : SJ/JU
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Misc :
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Quant Time: Feb 24 02:43:14 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 :
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LabSampleId :
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Manual Integrations APPROVED
Sohil
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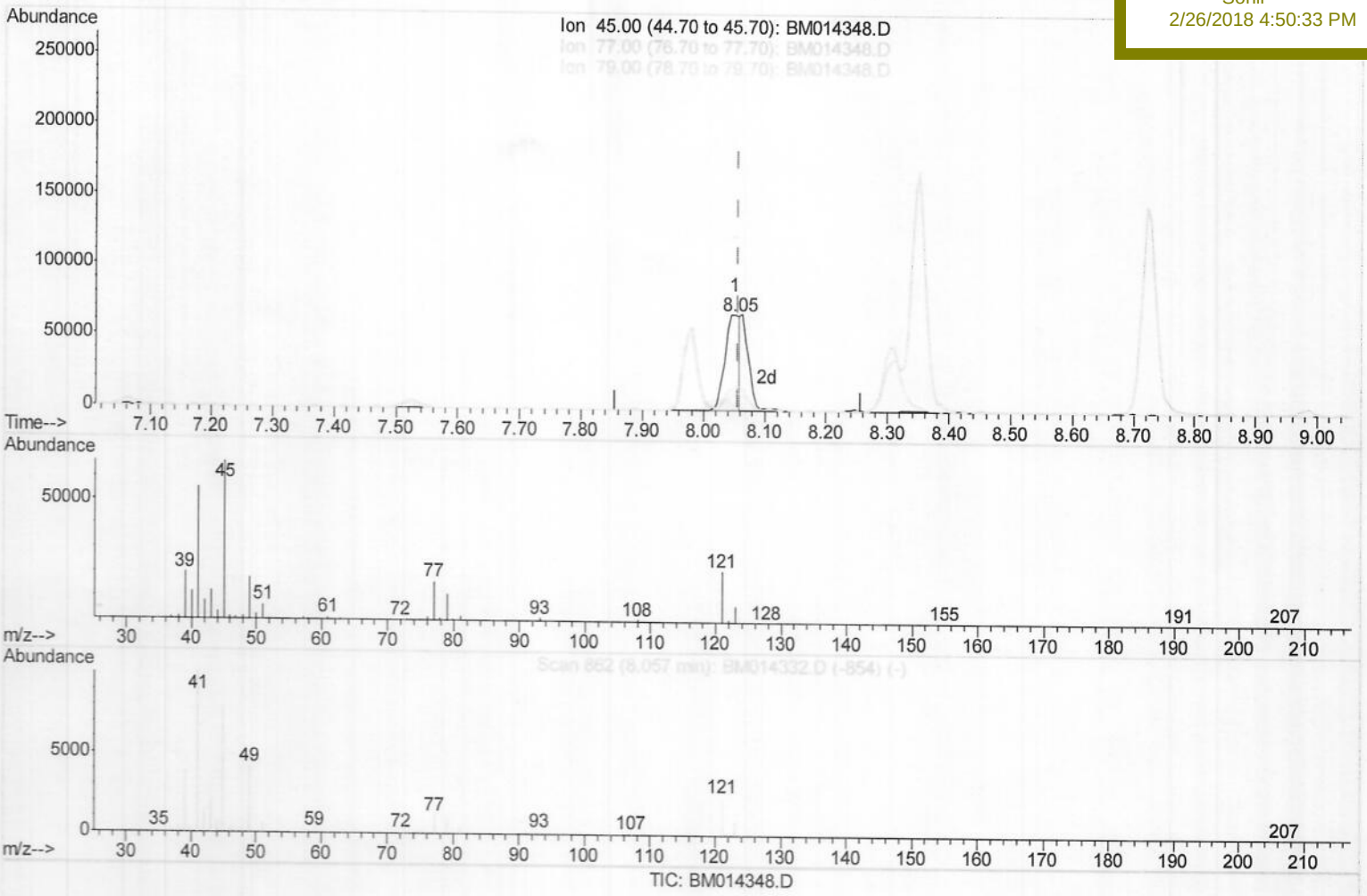

TIC: BM014348.D

(12) 2,2'-oxybis(1-Chloropropane)

8.051min (-0.006) 13.03ng/ul

response 110572

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	24.35#
79.00	10.00	16.86#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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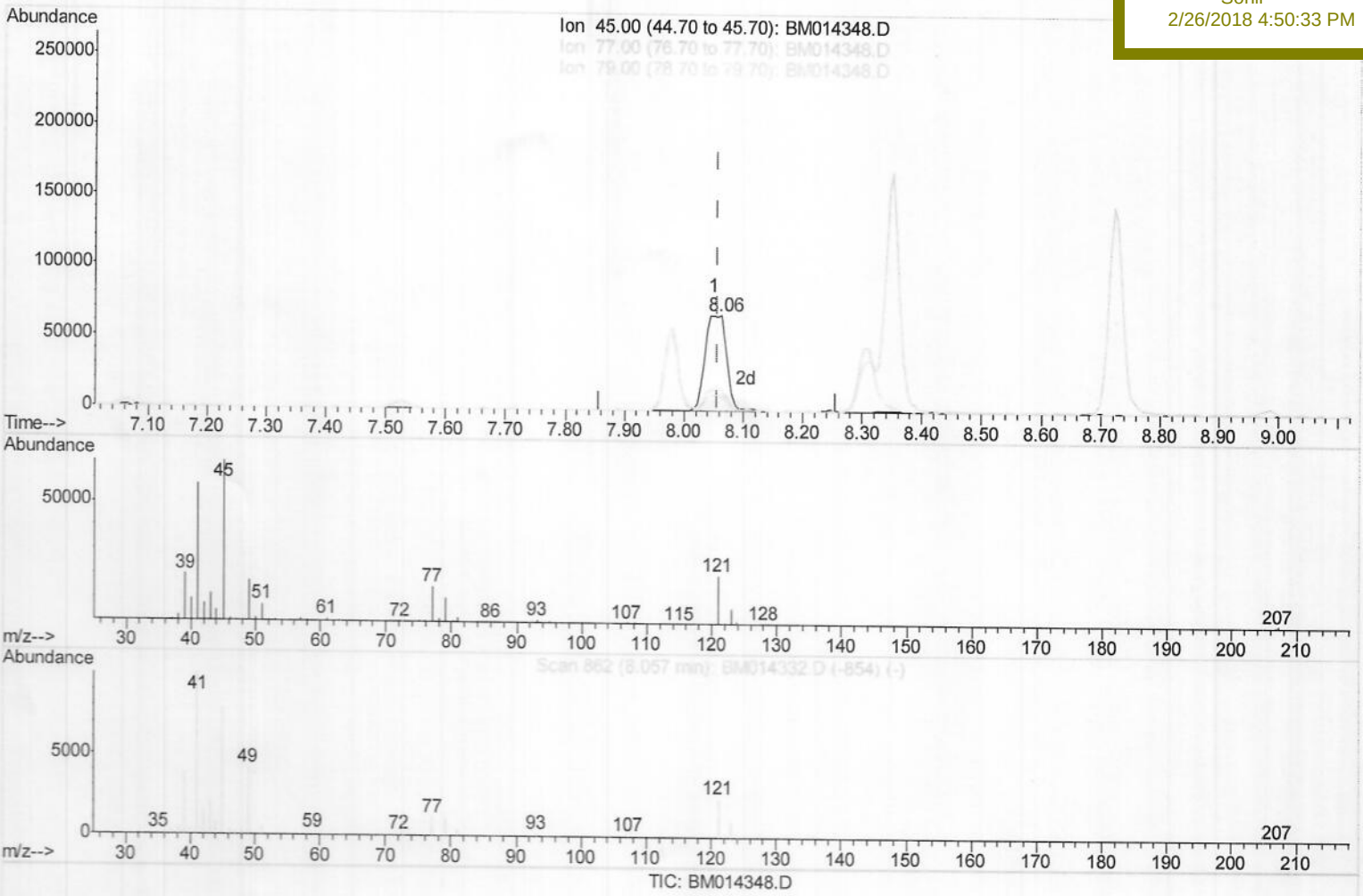

TIC: BM014348.D

(12) 2,2'-oxybis(1-Chloropropane)

8.063min (+0.006) 20.11ng/ul m → SJ 03/08/18

response 170642

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	22.40#
79.00	10.00	15.20#
0.00	0.00	0.00

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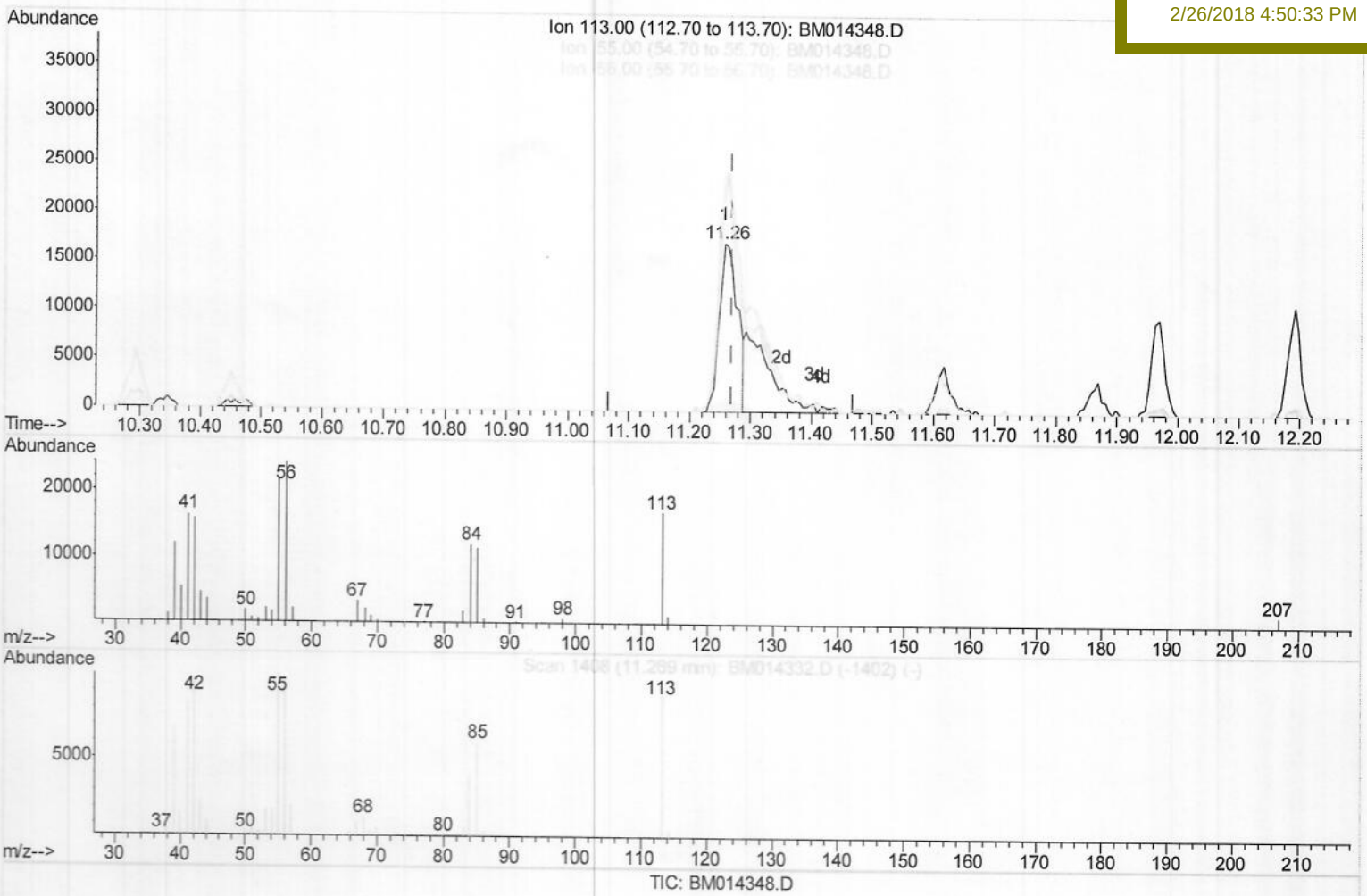
Manual Integrations APPROVED
Sohil
2/26/2018 4:50:33 PM



TIC: BM014348.D

(32) Caprolactam

11.257min (-0.012) 11.77ng/ul

response 35114

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	127.26#
56.00	200.00	141.31#
0.00	0.00	0.00

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Misc :
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BNA_M
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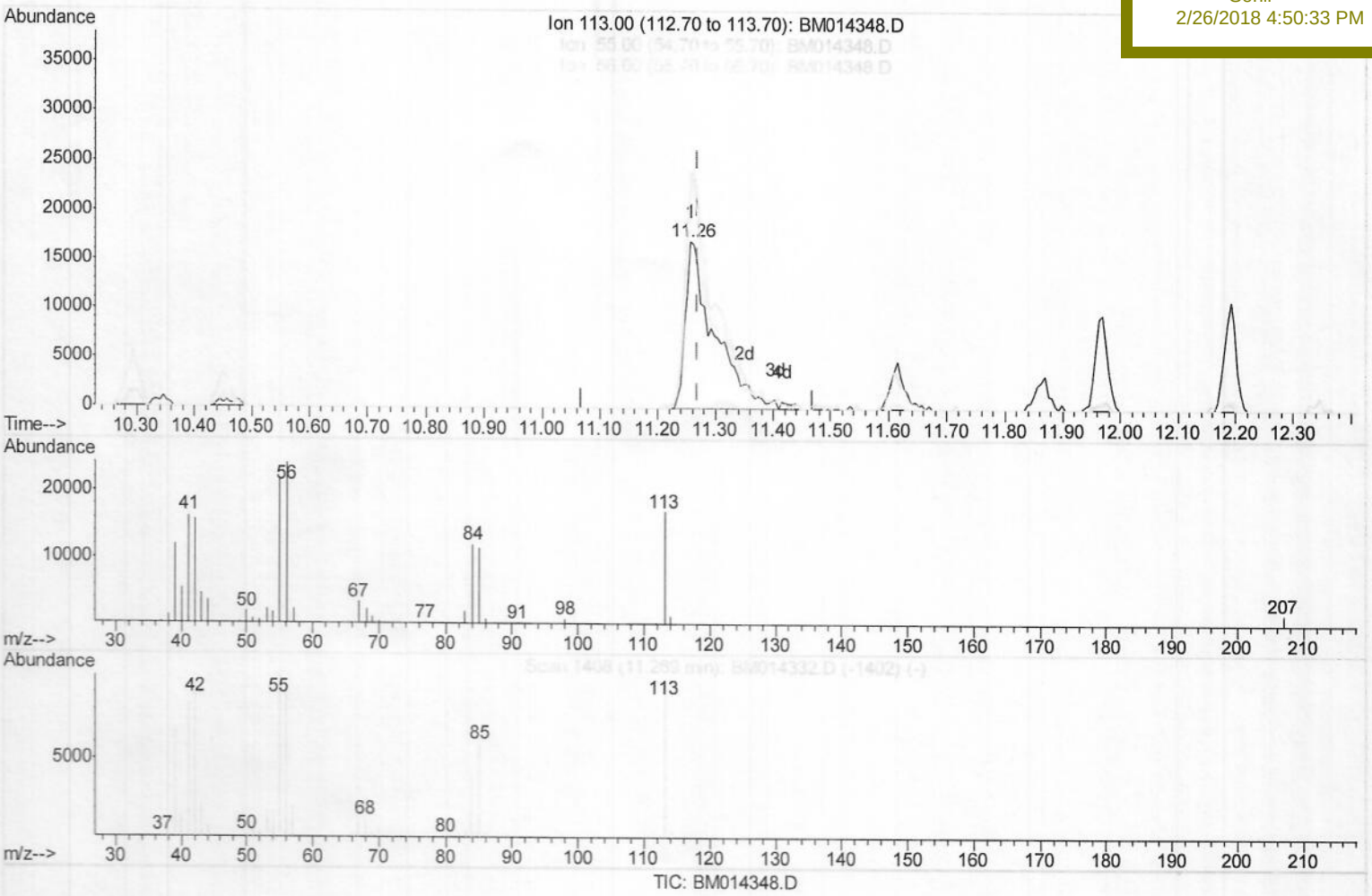
Manual Integrations APPROVED
Sohil
2/26/2018 4:50:33 PM



TIC: BM014348.D

(32) Caprolactam

11.257min (-0.012) 19.84ng/ul m → SJ
03/08/18

response 59176

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	127.26#
56.00	200.00	141.31#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
2/26/2018 4:50:33 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	130691	20.00 ng/ul	0.00
18) Naphthalene-d8	10.29	136	619439	20.00 ng/ul	0.00
35) Acenaphthene-d10	14.18	164	384732	20.00 ng/ul	0.00
61) Phenanthrene-d10	16.94	188	881084	20.00 ng/ul	0.00
75) Chrysene-d12	21.15	240	731735	20.00 ng/ul	0.00
83) Perylene-d12	23.32	264	536745	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.10	96	21939m	7.19 ng/uL	0.00
5) Phenol-d5	6.72	99	215195	19.48 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	126269	18.88 ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	174613	20.62 ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	180477	18.67 ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	89979	19.66 ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	96131	20.29 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	190526	19.41 ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	211786	21.91 ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	616155	19.39 ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	783834	20.01 ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	75947	17.31 ng/ul	0.00
57) Fluorene-d10	15.19	176	534669	18.78 ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	92630	17.53 ng/ul	0.00
70) Anthracene-d10	17.04	188	825711	19.42 ng/ul	0.00
76) Pyrene-d10	19.34	212	853308	22.61 ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	508735	19.47 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.13	88	23156	6.826 ng/uL#	65
4) Benzaldehyde	6.69	77	92158	20.464 ng/ul	98
6) Phenol	6.75	94	214916	18.542 ng/ul	93
8) Bis(2-Chloroethyl)ether	6.97	93	167725	19.944 ng/ul	98
10) 2-Chlorophenol	7.09	128	173392	20.051 ng/ul	96
11) 2-Methylphenol	7.97	108	169758	19.148 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.06	45	170642m	20.106 ng/ul	
14) Acetophenone	8.35	105	305662	18.331 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.33	70	159003	19.028 ng/ul#	70
16) 4-Methylphenol	8.30	108	181309	18.767 ng/ul	92
17) Hexachloroethane	8.57	117	82826	18.386 ng/ul#	73
20) Nitrobenzene	8.72	77	241387	17.830 ng/ul	99
21) Isophorone	9.25	82	441987	19.086 ng/ul	97
23) 2-Nitrophenol	9.43	139	101382	19.757 ng/ul	92
24) 2,4-Dimethylphenol	9.49	107	232750	18.500 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.73	93	241193	19.773 ng/ul#	89
27) 2,4-Dichlorophenol	9.96	162	177944	19.111 ng/ul#	91
28) Naphthalene	10.35	128	605098	19.019 ng/ul	100
30) 4-Chloroaniline	10.47	127	201341	20.420 ng/ul	99
31) Hexachlorobutadiene	10.62	225	133835	18.117 ng/ul	94
32) Caprolactam	11.26	113	59176m	19.843 ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	214874	19.099 ng/ul	96
34) 2-Methylnaphthalene	11.97	142	460722	19.026 ng/ul	94

SJ 03/08/18

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Sohil
2/26/2018 4:50:33 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	247748	20.061 ng/ul#	95
37) Hexachlorocyclopentadiene	12.31	237	97105	14.448 ng/ul#	95
38) 2,4,6-Trichlorophenol	12.60	196	158270	20.541 ng/ul	94
39) 2,4,5-Trichlorophenol	12.68	196	152316	19.344 ng/ul	92
40) 1,1'-Biphenyl	13.00	154	617020	20.819 ng/ul	98
41) 2-Chloronaphthalene	13.05	162	484042	20.446 ng/ul	94
42) 2-Nitroaniline	13.27	65	155120	19.364 ng/ul	97
44) Dimethylphthalate	13.65	163	612343	19.545 ng/ul	99
45) 2,6-Dinitrotoluene	13.78	165	124636	20.939 ng/ul#	87
47) Acenaphthylene	13.90	152	749465	20.239 ng/ul	100
48) 3-Nitroaniline	14.12	138	103773	20.570 ng/ul	99
49) Acenaphthene	14.25	153	519386	19.919 ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	51023	15.938 ng/ul#	82
52) 4-Nitrophenol	14.45	109	92437	16.073 ng/ul#	64
53) Dibenzofuran	14.59	168	754238	19.291 ng/ul	91
54) 2,4-Dinitrotoluene	14.59	165	185870	19.489 ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	14.82	232	149830	18.816 ng/ul#	75
56) Diethylphthalate	15.03	149	647266	18.540 ng/ul	94
58) Fluorene	15.24	166	622723	18.449 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.24	204	319356	18.089 ng/ul	95
60) 4-Nitroaniline	15.29	138	92533	16.355 ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	15.35	198	96560	17.950 ng/ul	91
64) N-Nitrosodiphenylamine	15.46	169	509082	20.106 ng/ul	98
65) 4-Bromophenyl-phenylether	16.13	248	195024	19.837 ng/ul#	86
66) Hexachlorobenzene	16.24	284	197431	19.096 ng/ul#	79
67) Atrazine	16.42	200	194430	19.444 ng/ul	97
68) Pentachlorophenol	16.60	266	100971	18.637 ng/ul	96
69) Phenanthrene	16.98	178	972025	19.148 ng/ul	99
71) Anthracene	17.07	178	989897	19.390 ng/ul	99
72) Carbazole	17.36	167	783866	18.260 ng/ul	99
73) Di-n-butylphthalate	17.92	149	1056816	19.082 ng/ul	99
74) Fluoranthene	19.01	202	1081150	17.826 ng/ul#	92
77) Pyrene	19.37	202	1067245	21.947 ng/ul#	89
78) Butylbenzylphthalate	20.29	149	458990	22.828 ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.07	252	243311	18.913 ng/ul#	90
80) Benzo(a)anthracene	21.13	228	906858	19.858 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	623669	21.658 ng/ul#	96
82) Chrysene	21.19	228	830309	19.490 ng/ul	97
84) Di-n-octyl phthalate	21.93	149	927664	20.141 ng/ul#	94
85) Benzo(b)fluoranthene	22.67	252	683327	19.013 ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	679973	19.900 ng/ul#	97
88) Benzo(a)pyrene	23.23	252	618317	19.253 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.47	276	648533	20.810 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.48	278	552554	21.338 ng/ul#	98
91) Benzo(g,h,i)perylene	26.13	276	530652	21.019 ng/ul#	95

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