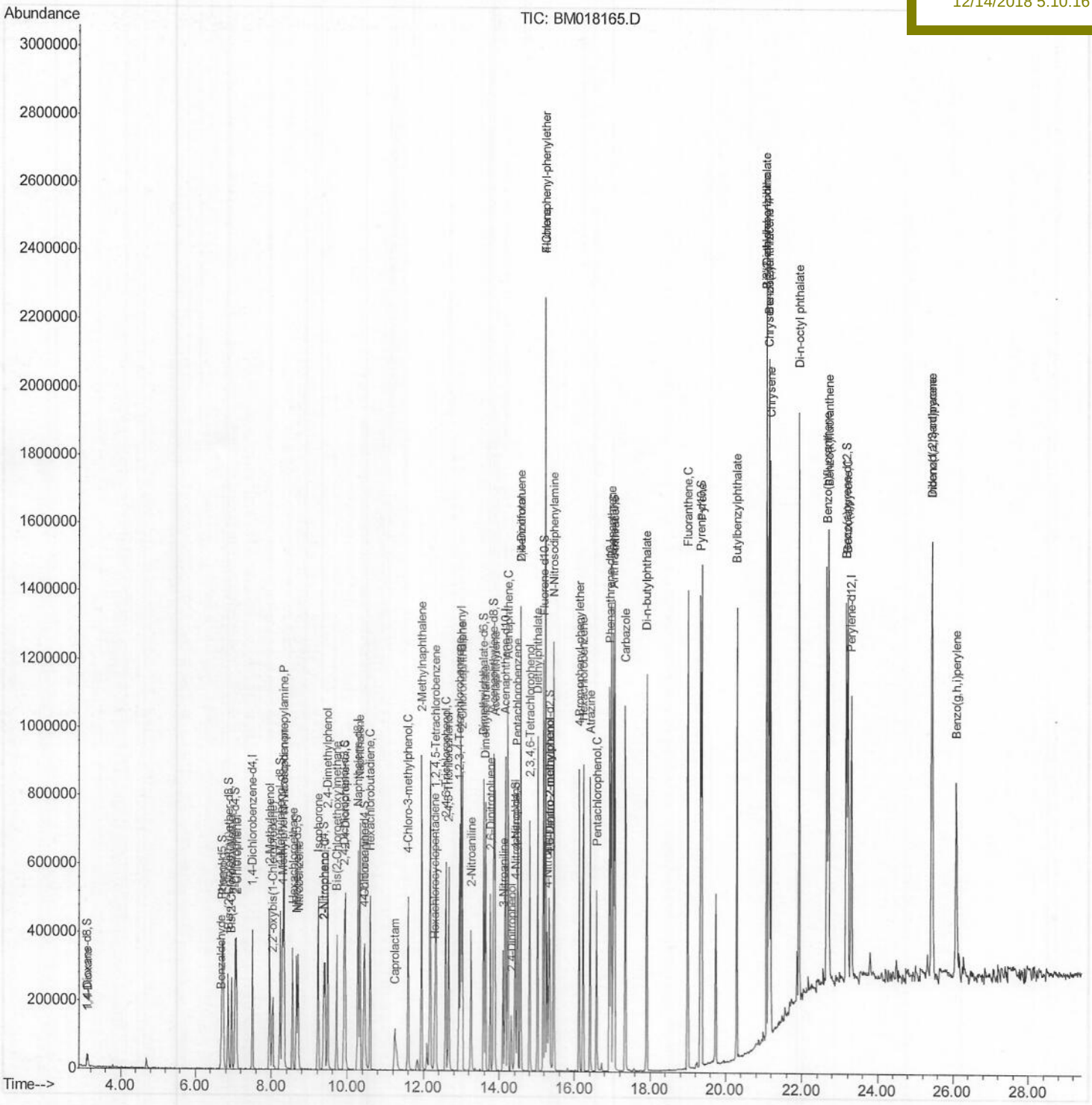
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121318\
Data File : BM018165.D
Acq On : 14 Dec 2018 13:03
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 15:47:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 05:30:21 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
Sohil
12/14/2018 5:10:16 PM



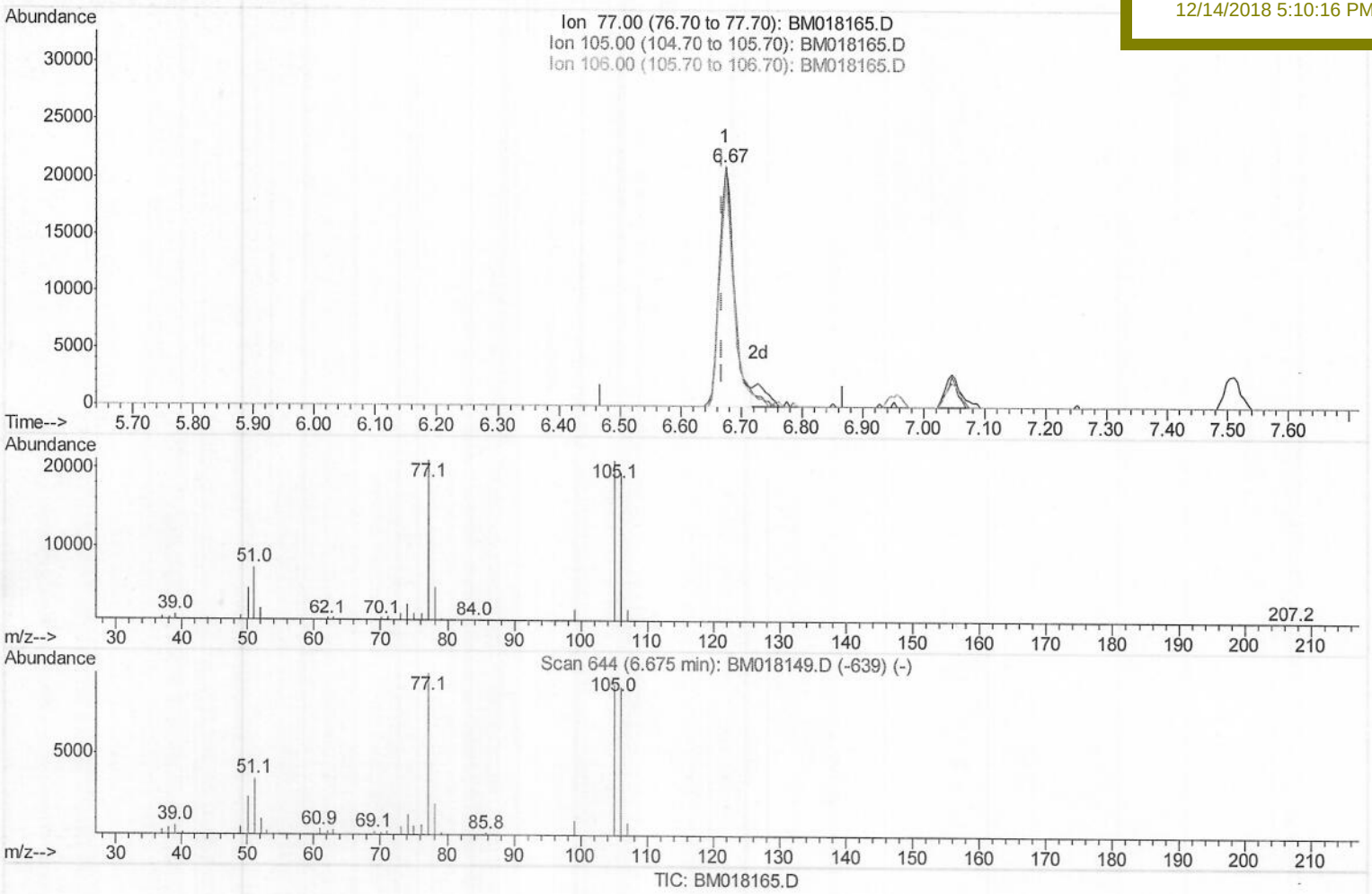
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121318\
Data File : BM018165.D
Acq On : 14 Dec 2018 13:03
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 14:28:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 17 07:28:35 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
Sohil
12/14/2018 5:10:16 PM



TIC: BM018165.D

(4) Benzaldehyde

6.675min (+0.006) 18.43ng/ul

response 35467

Ion	Exp%	Act%
77.00	100	100
105.00	97.30	99.81
106.00	102.10	92.92
0.00	0.00	0.00

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Acq On : 14 Dec 2018 13:03
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 15:46:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 05:30:21 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
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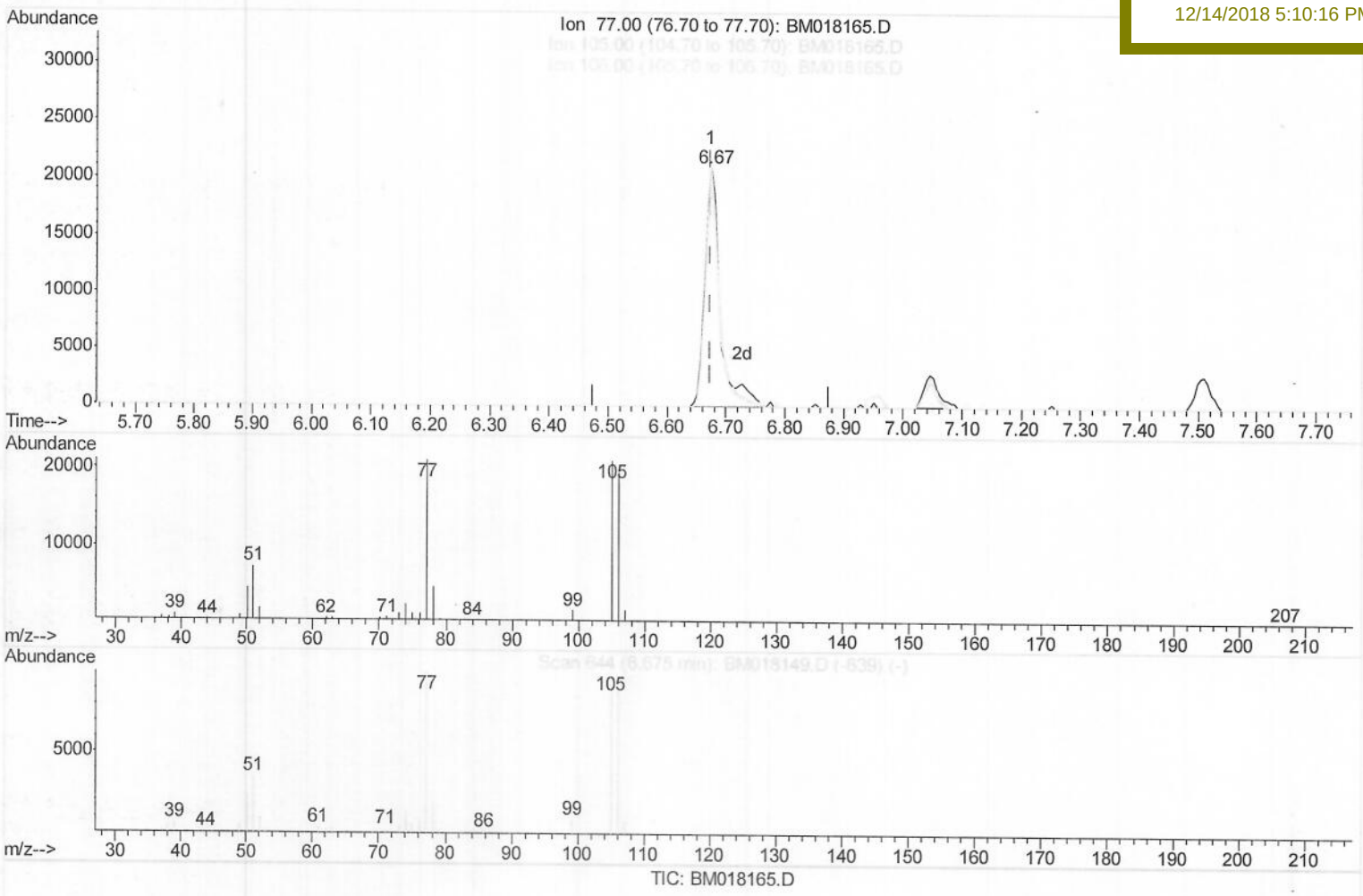
Manual Integrations APPROVED
Sohil
12/14/2018 5:10:16 PM



(4) Benzaldehyde

6.675min (-0.000) 20.09ng/ul m

response 38661

Ion	Exp%	Act%
77.00	100	100
105.00	97.30	99.81
106.00	102.10	92.92
0.00	0.00	0.00

SJ
12/15/18

Quantitation Report (Qedit)

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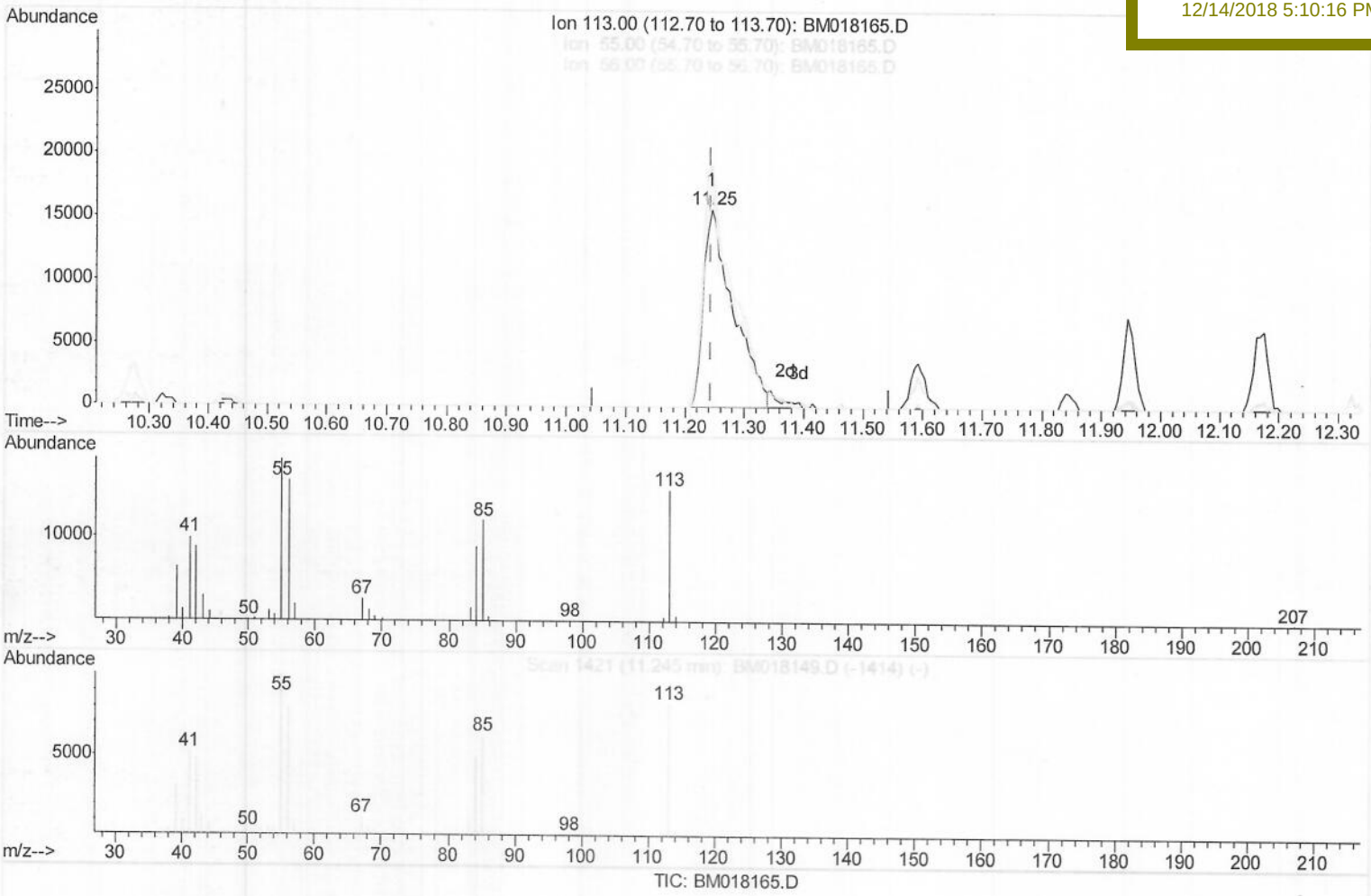
Acq On : 14 Dec 2018 13:03
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 15:46:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 05:30:21 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
Sohil
12/14/2018 5:10:16 PM



(32) Caprolactam

11.245min (-0.000) 16.85ng/ul

response 55395

Ion	Exp%	Act%
113.00	100	100
55.00	129.90	122.10
56.00	106.20	106.62
0.00	0.00	0.00

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Instrument :
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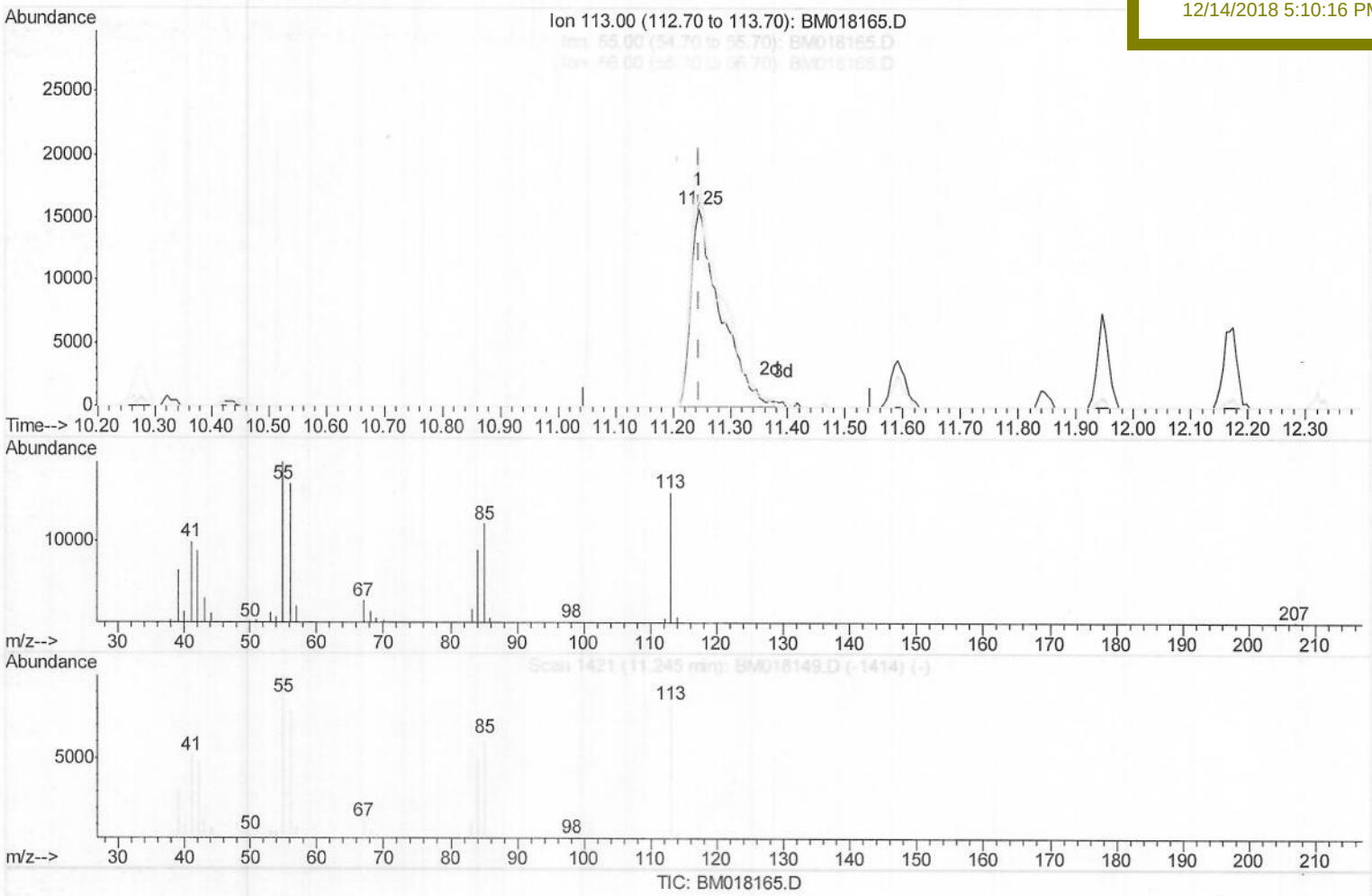
Sohil
12/14/2018 5:10:16 PM



TIC: BM018165.D

(32) Caprolactam

11.245min (-0.000) 17.41ng/ul m

response 57242

Ion	Exp%	Act%
113.00	100	100
55.00	129.90	122.10
56.00	106.20	106.62
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

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LabSampleId : SSTD02060

Manual Integrations APPROVED
Sohil
12/14/2018 5:10:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	113479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	522354	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	296763	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	667253	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	657095	20.00	ng/ul	0.00
85) Perylene-d12	23.30	264	590357	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	20490	8.62	ng/uL	0.00
5) Phenol-d5	6.70	99	217589	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	116266	19.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	177504	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	175893	19.89	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	85089	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	102230	20.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	180879	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	173824	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	542956	20.68	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	655315	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.41	143	84061	17.74	ng/ul	0.00
57) Fluorene-d10	15.17	176	467896	21.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	80141	15.76	ng/ul	0.00
70) Anthracene-d10	17.02	188	702868	20.85	ng/ul	0.00
78) Pyrene-d10	19.33	212	683306	21.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	704983	21.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	20712	7.909	ng/uL#	94
4) Benzaldehyde	6.67	77	38661m	20.087	ng/ul	
6) Phenol	6.73	94	213623	19.919	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.95	93	156333	19.848	ng/ul	98
10) 2-Chlorophenol	7.08	128	177473	20.869	ng/ul	98
11) 2-Methylphenol	7.96	108	165136	19.733	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.04	45	149794	20.137	ng/ul#	91
14) Acetophenone	8.33	105	263595	19.724	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.32	70	131119	19.158	ng/ul	98
16) 4-Methylphenol	8.29	108	179391	19.711	ng/ul	93
17) Hexachloroethane	8.56	117	65966	19.594	ng/ul	98
20) Nitrobenzene	8.70	77	190454	19.621	ng/ul	98
21) Isophorone	9.23	82	354370	18.166	ng/ul	99
23) 2-Nitrophenol	9.41	139	102869	19.771	ng/ul	98
24) 2,4-Dimethylphenol	9.47	107	214506	20.773	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.71	93	226195	19.737	ng/ul	99
27) 2,4-Dichlorophenol	9.93	162	174107	20.457	ng/ul	96
28) Naphthalene	10.32	128	576239	20.503	ng/ul	97
30) 4-Chloroaniline	10.46	127	179383	22.678	ng/ul	97
31) Hexachlorobutadiene	10.60	225	107219	19.647	ng/ul	98
32) Caprolactam	11.25	113	57242m	17.413	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	190222	19.498	ng/ul	97
34) 2-Methylnaphthalene	11.95	142	424850	20.374	ng/ul	98

SJ 12/15/18

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 05:30:21 2018
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02060

Manual Integrations APPROVED
Sohil
12/14/2018 5:10:16 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.32	216	220048	22.942 ng/ul	96
37) Hexachlorocyclopentadiene	12.29	237	67521	13.950 ng/ul	97
38) 2,4,6-Trichlorophenol	12.58	196	143287	21.835 ng/ul	98
39) 2,4,5-Trichlorophenol	12.66	196	152305	21.664 ng/ul	95
40) 1,1'-Biphenyl	12.99	154	534887	21.450 ng/ul	98
41) 2-Chloronaphthalene	13.02	162	416309	21.420 ng/ul	95
42) 2-Nitroaniline	13.26	65	115356	21.063 ng/ul	94
44) Dimethylphthalate	13.63	163	495324	19.817 ng/ul	99
45) 2,6-Dinitrotoluene	13.76	165	105567	19.959 ng/ul	97
47) Acenaphthylene	13.88	152	604749	19.967 ng/ul	99
48) 3-Nitroaniline	14.10	138	102052	20.260 ng/ul	86
49) Acenaphthene	14.23	153	424191	19.884 ng/ul	98
50) 2,4-Dinitrophenol	14.32	184	42806	12.157 ng/ul	92
52) 4-Nitrophenol	14.42	109	72087	19.125 ng/ul	98
53) Dibenzofuran	14.57	168	578415	19.612 ng/ul	99
54) 2,4-Dinitrotoluene	14.57	165	150602	19.233 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.80	232	137230	21.492 ng/ul	98
56) Diethylphthalate	15.01	149	529176	20.453 ng/ul	99
58) Fluorene	15.22	166	521787	21.292 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.22	204	265315	21.491 ng/ul	96
60) 4-Nitroaniline	15.27	138	112790	20.346 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.33	198	78638	15.159 ng/ul	99
64) N-Nitrosodiphenylamine	15.44	169	459413	21.038 ng/ul	98
65) 4-Bromophenyl-phenylether	16.12	248	163506	20.728 ng/ul	99
66) Hexachlorobenzene	16.23	284	182182	20.971 ng/ul	98
67) Atrazine	16.41	200	157751	19.760 ng/ul	97
68) Pentachlorophenol	16.58	266	102732	19.970 ng/ul	98
69) Phenanthrene	16.97	178	812421	20.857 ng/ul	99
71) Anthracene	17.06	178	838485	20.917 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.95	216	209267	21.903 ng/uL	99
73) Pentachlorobenzene	14.49	250	208366	20.943 ng/uL	95
74) Carbazole	17.34	167	733077	20.097 ng/ul	100
75) Di-n-butylphthalate	17.91	149	874859	19.167 ng/ul	98
76) Fluoranthene	19.00	202	851616	18.849 ng/ul	99
79) Pyrene	19.36	202	872151	22.186 ng/ul	99
80) Butylbenzylphthalate	20.29	149	380876	20.258 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.07	252	255608	16.928 ng/ul	98
82) Benzo(a)anthracene	21.13	228	877422	21.099 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	558719	20.215 ng/ul	100
84) Chrysene	21.18	228	818602	21.095 ng/ul	100
86) Di-n-octyl phthalate	21.93	149	1047650	24.140 ng/ul	100
87) Benzo(b)fluoranthene	22.66	252	833865	23.701 ng/ul	99
88) Benzo(k)fluoranthene	22.70	252	801238	22.885 ng/ul	100
90) Benzo(a)pyrene	23.21	252	771811	22.242 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.44	276	805908	20.466 ng/ul	99
92) Dibenzo(a,h)anthracene	25.44	278	694463	20.756 ng/ul	98
93) Benzo(g,h,i)perylene	26.09	276	642316	19.571 ng/ul	100

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