

Quant Time: Feb 23 16:30:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 22 03:35:18 2018
Response via : Initial Calibration

Manual Integrations APPROVED

Sohil
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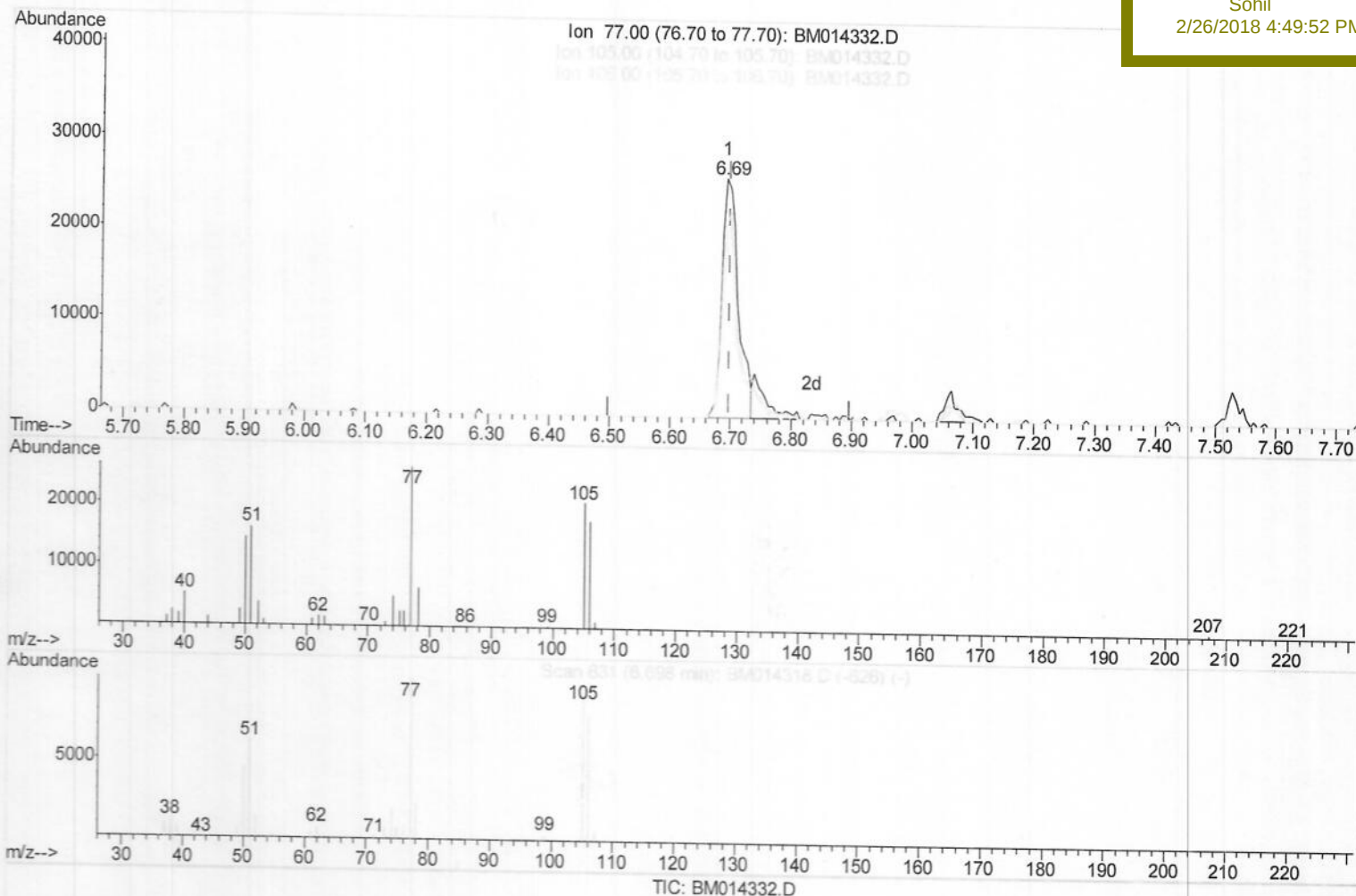
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014332.D
Acq On : 23 Feb 2018 15:56
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 23 16:27:20 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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Instrument :
BNA_M
LabSampleId :
SSTD02001

Manual Integrations
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(4) Benzaldehyde

6.693min (-0.006) 21.48ng/ul

response 48847

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	78.99
106.00	84.70	67.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

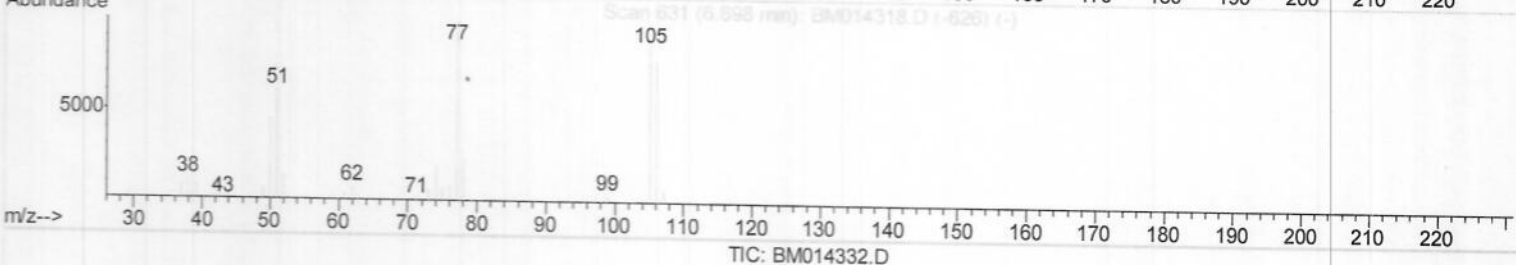
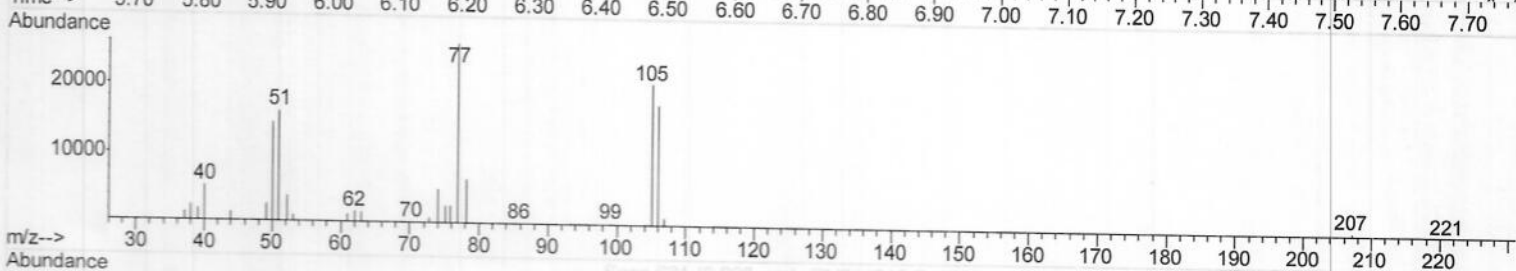
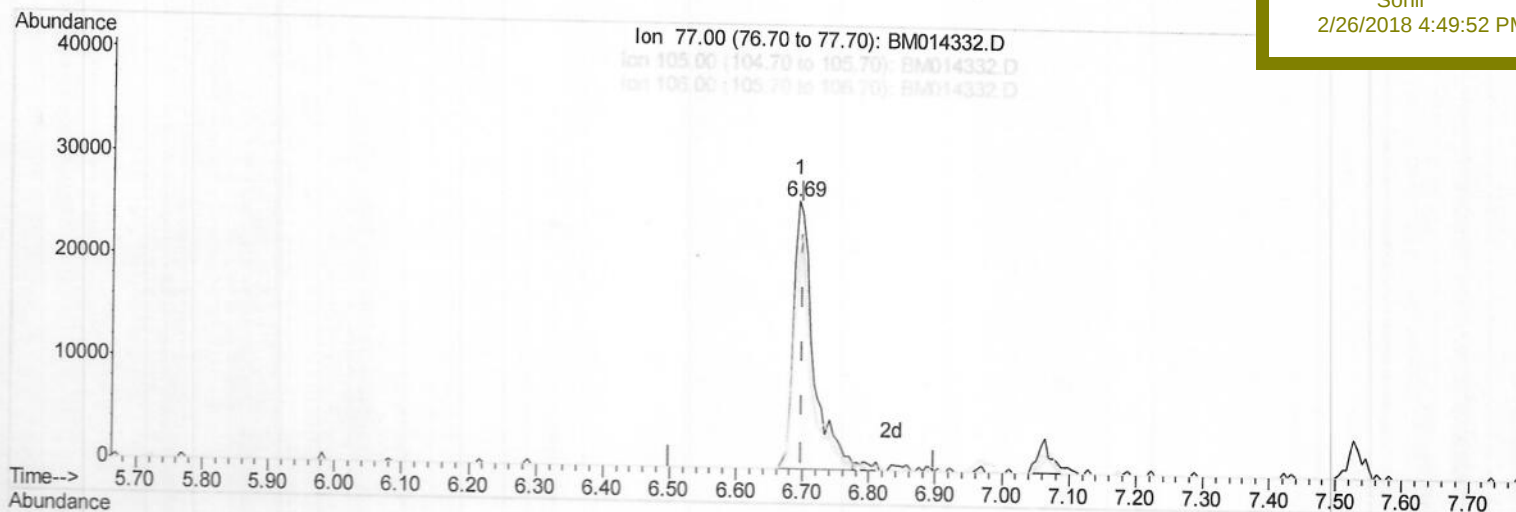
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(4) Benzaldehyde

6.693min (-0.006) 24.07ng/ul m

response 54738

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	78.99
106.00	84.70	67.57#
0.00	0.00	0.00

5J
 03/08/18

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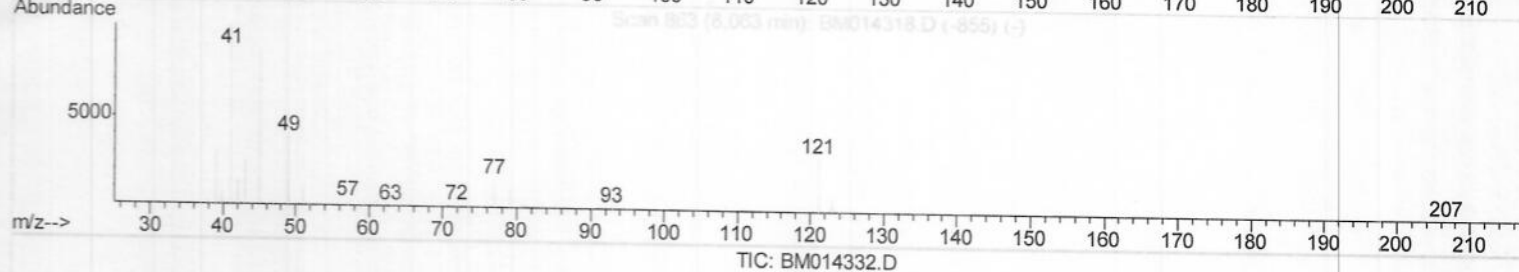
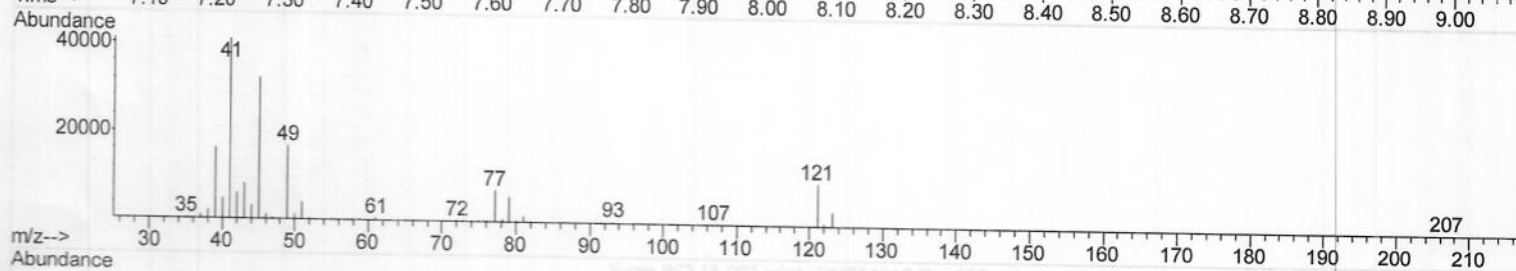
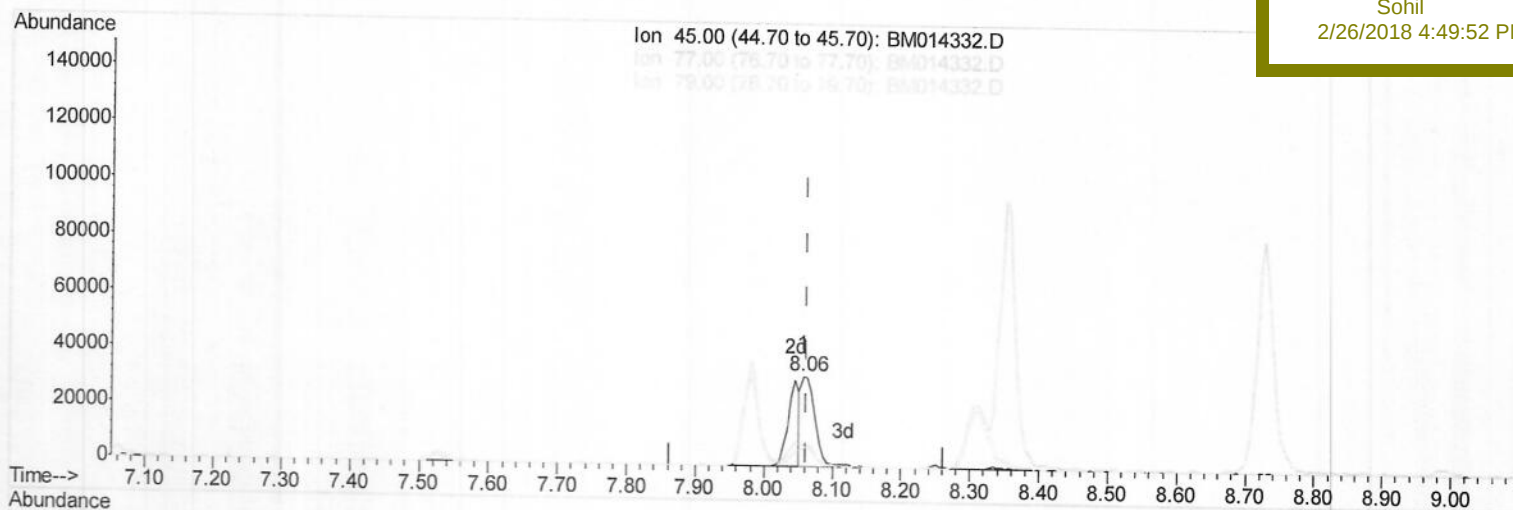
SSTD02001

Manual Integrations

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

8.057min (-0.006) 9.88ng/ul

response 42333

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	23.14#
79.00	10.00	19.50#
0.00	0.00	0.00

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BNA_M

LabSampleId :

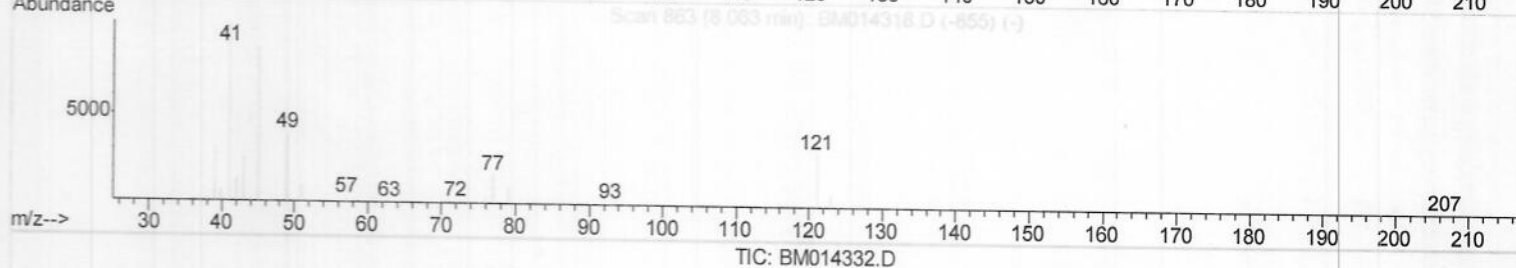
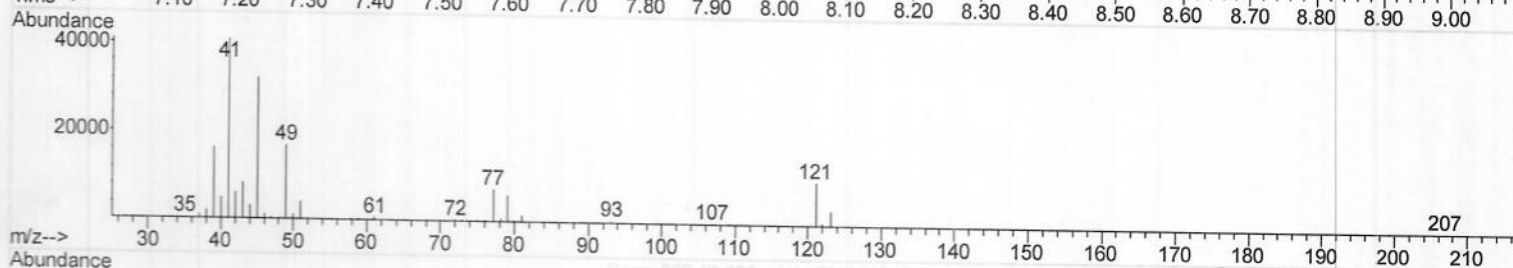
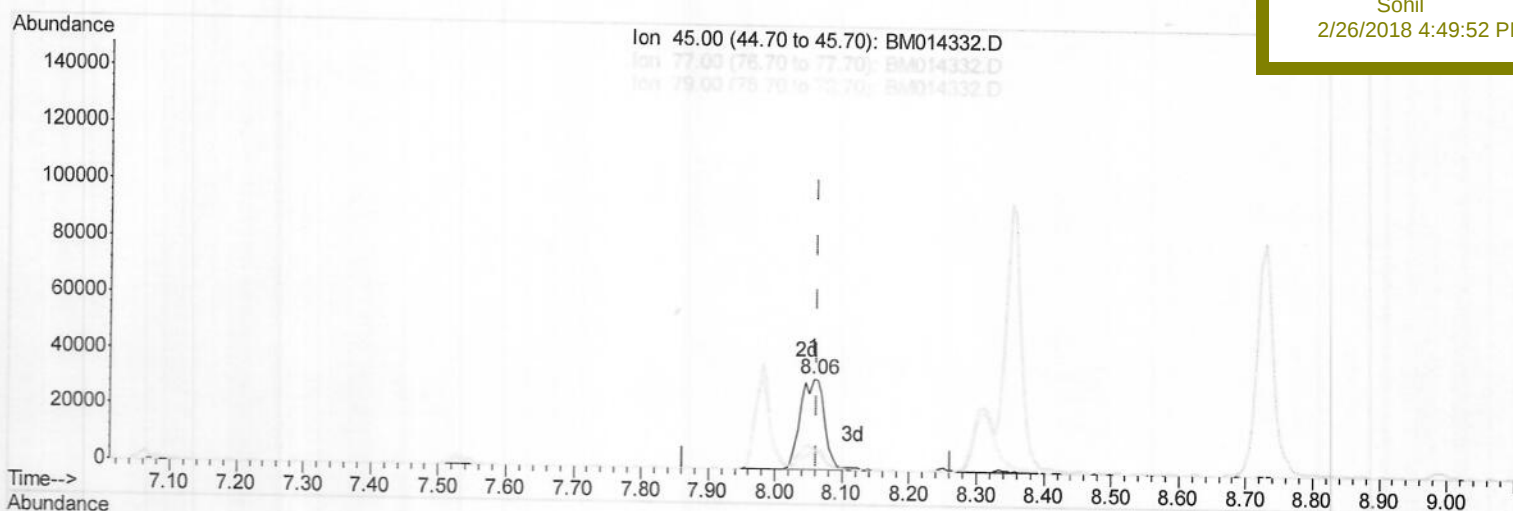
SSTD02001

Manual Integrations

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

8.057min (-0.006) 18.60ng/ul m

response 79721

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	23.14#
79.00	10.00	19.50#
0.00	0.00	0.00

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Quantitation Report (Qedit)

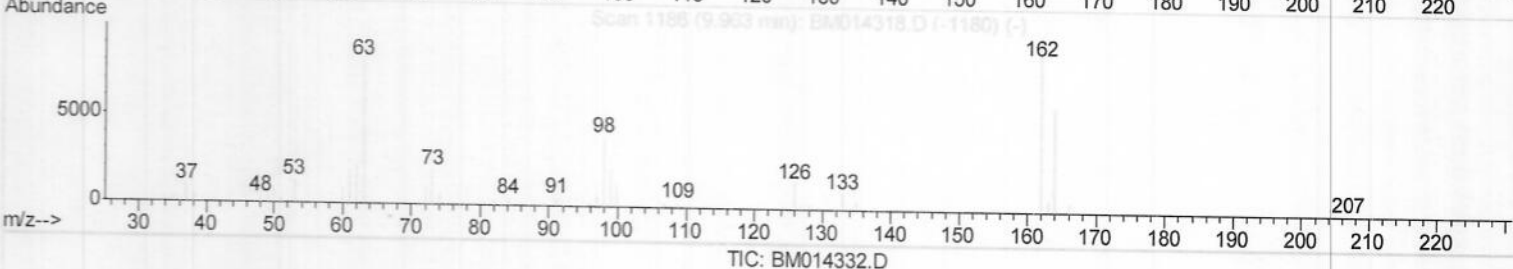
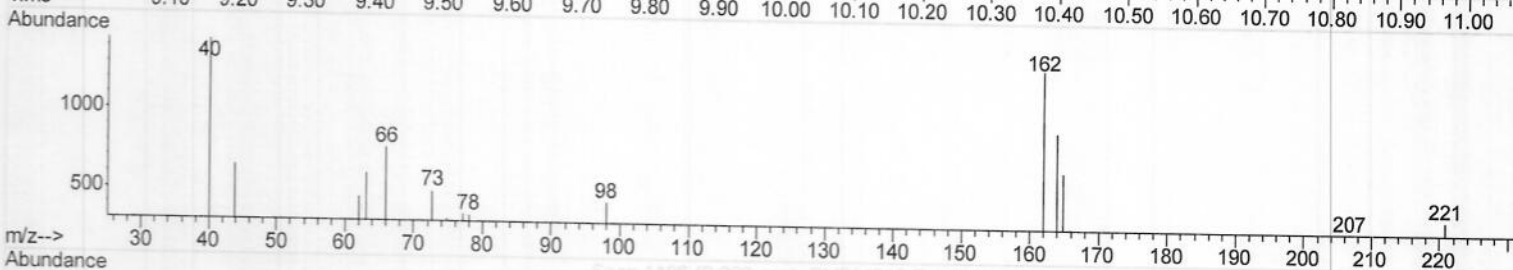
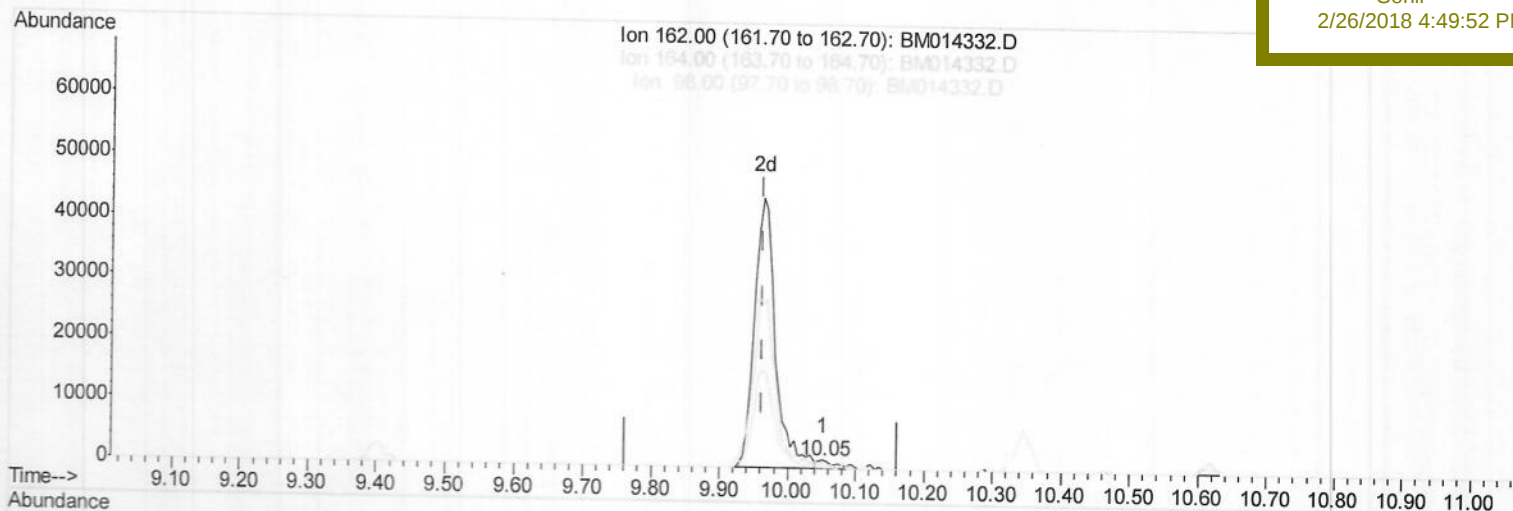
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Manual Integrations
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(27) 2,4-Dichlorophenol (C)

10.051min (+0.088) 0.36ng/ul

response 1738

Ion	Exp%	Act%
162.00	100	100
164.00	59.70	69.32
98.00	28.70	32.80
0.00	0.00	0.00

Quantitation Report (Qedit)

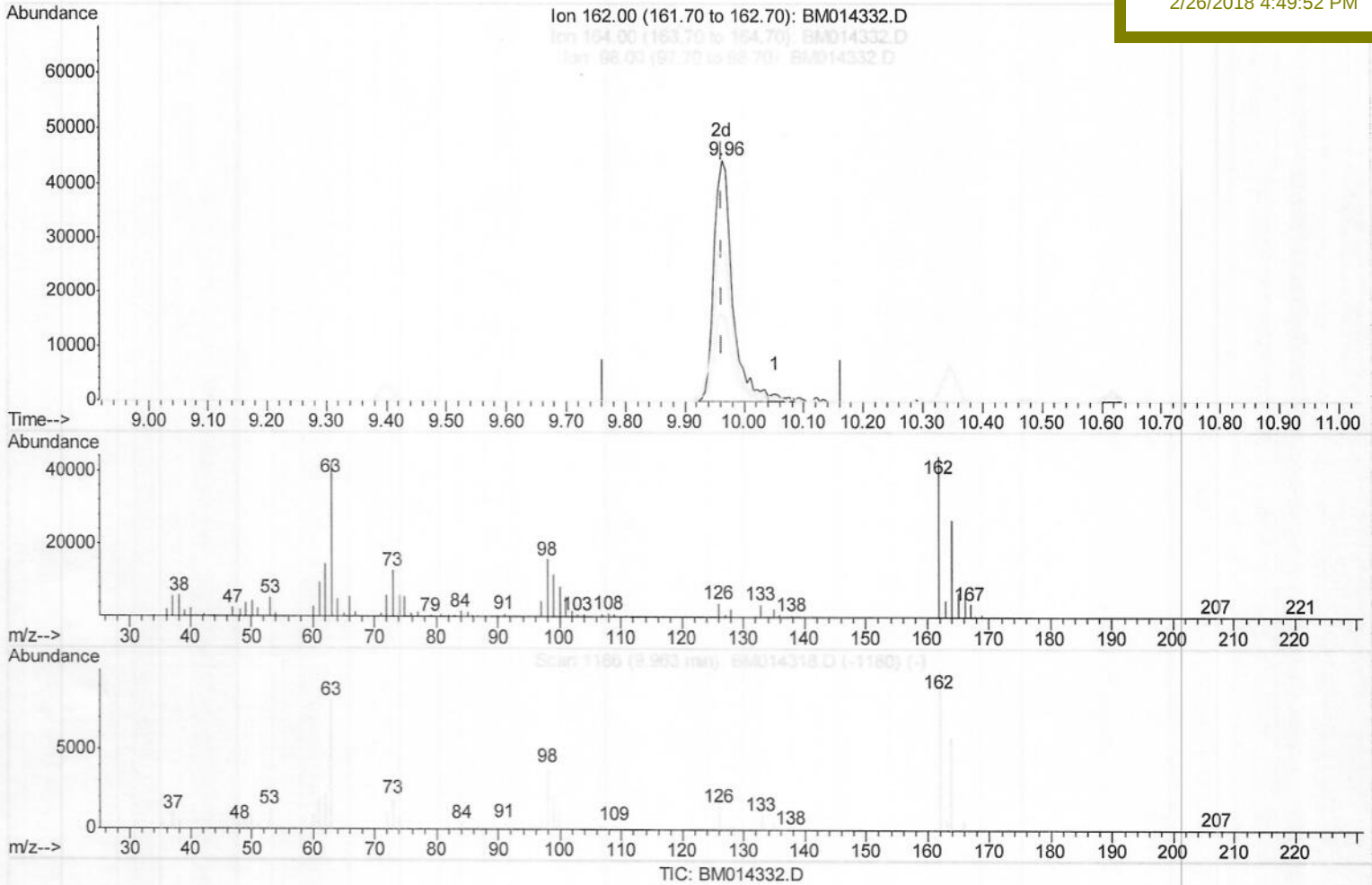
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 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
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Manual Integrations
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(27) 2,4-Dichlorophenol (C)

9.963min (+0.000) 19.81ng/ul m

response 95054

Ion	Exp%	Act%
162.00	100	100
164.00	59.70	60.87
98.00	28.70	35.97#
0.00	0.00	0.00

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Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM022318\

Data File : BM014332.D

Acq On : 23 Feb 2018 15:56

Operator : SJ/JU

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

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Instrument :

BNA_M

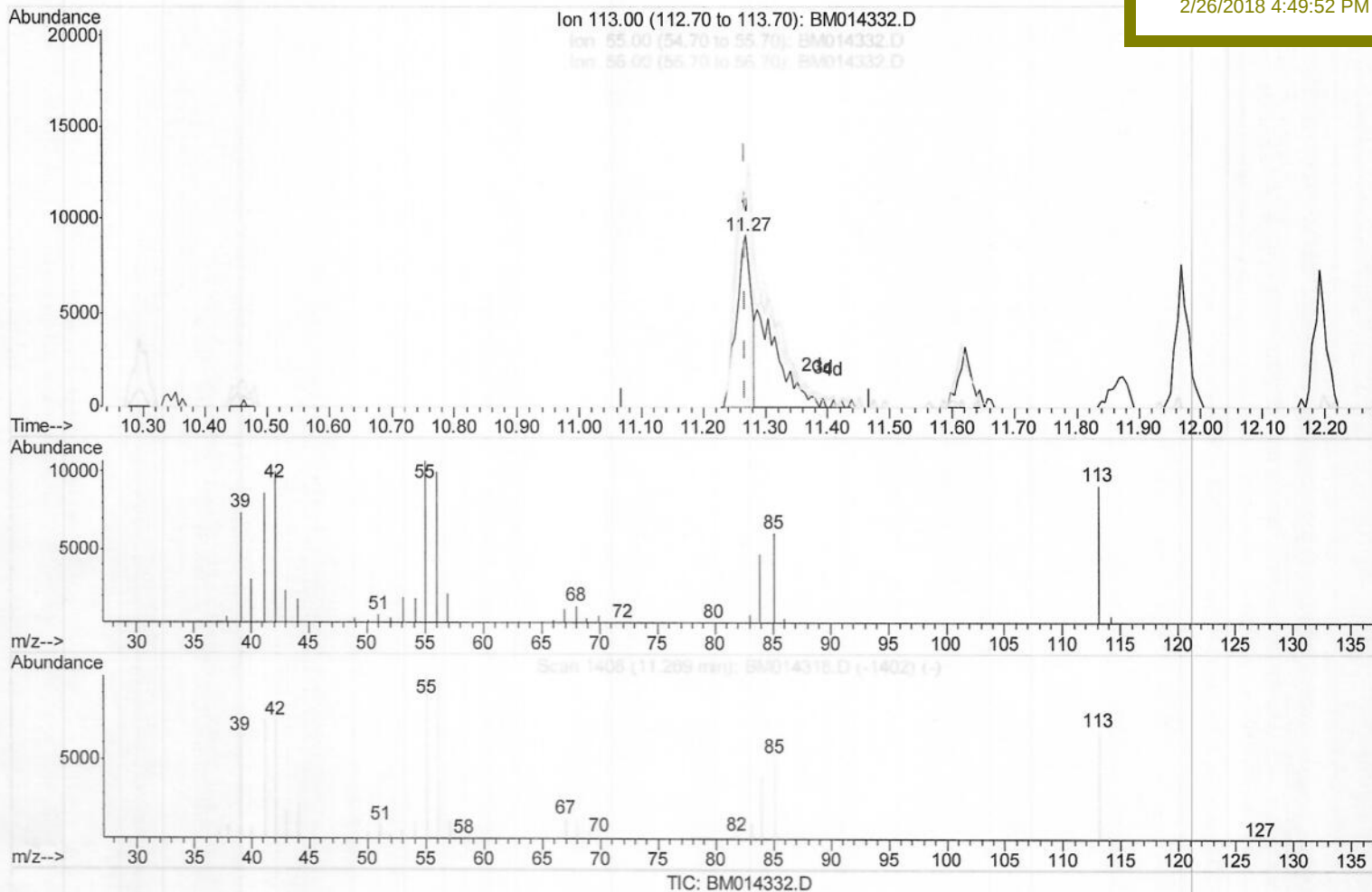
LabSampleId :

SSTD02001

Manual Integrations
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(32) Caprolactam

11.269min (+0.000) 9.97ng/ul

response 15317

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	116.96#
56.00	200.00	108.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

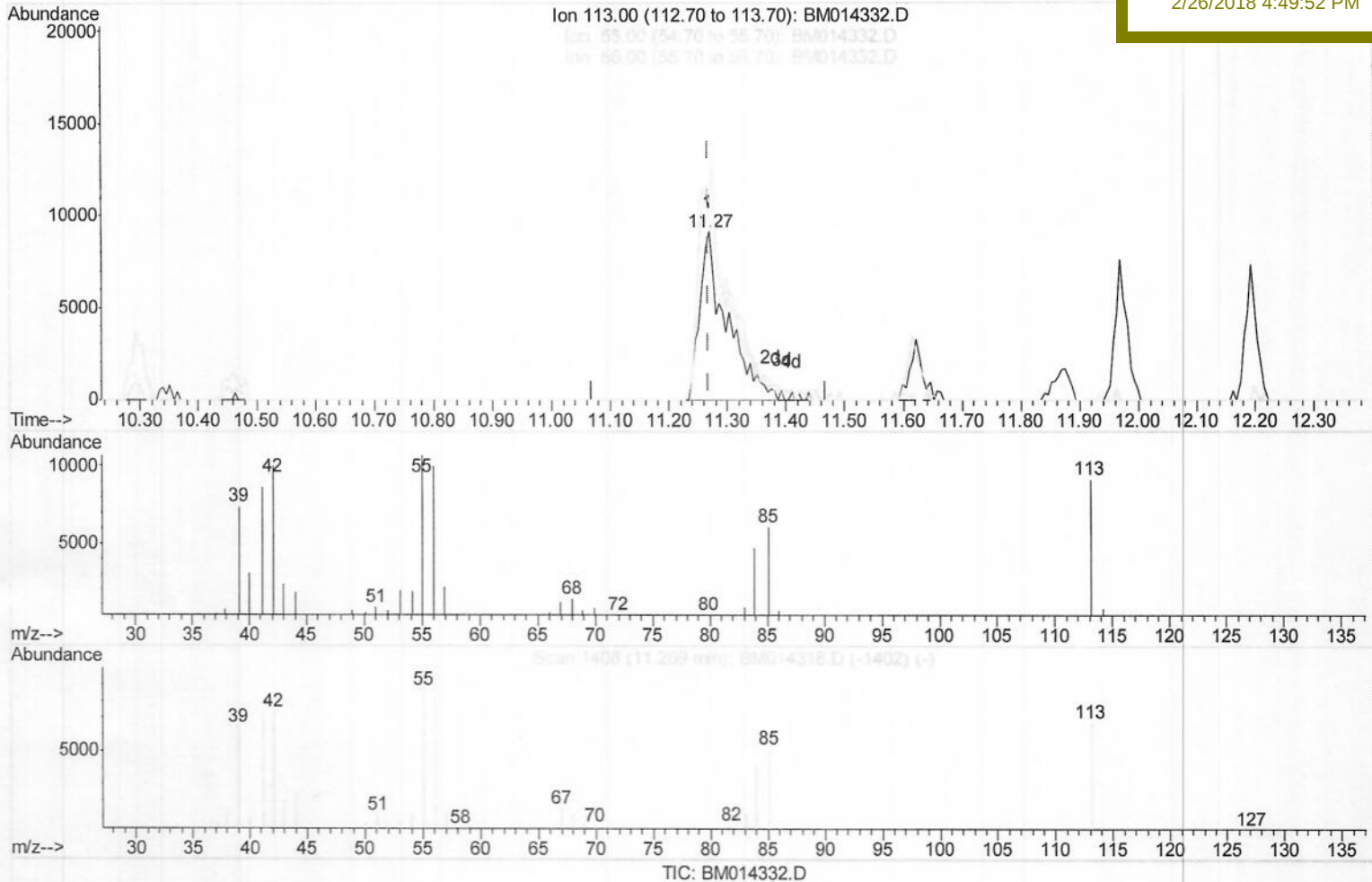
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 Data File : BM014332.D
 Acq On : 23 Feb 2018 15:56
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
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(32) Caprolactam

11.269min (+0.000) 18.97ng/ul m

response 29153

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	116.96#
56.00	200.00	108.84#
0.00	0.00	0.00

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Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014332.D
 Acq On : 23 Feb 2018 15:56
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	65986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	319239	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	233290	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	608192	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	608017	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	495918	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	13512	8.77	ng/uL	0.00
5) Phenol-d5	6.72	99	104258	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	67455	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	82791	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	88213	18.08	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	43420	18.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	46658	19.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	88353	17.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	108633	21.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	371960	19.31	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	465093	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	39475	14.84	ng/ul	0.00
57) Fluorene-d10	15.18	176	350316	20.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	61728	16.92	ng/ul	0.00
70) Anthracene-d10	17.04	188	563443	19.20	ng/ul	0.00
76) Pyrene-d10	19.34	212	627683	20.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	470173	19.48	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.14	88	15290	8.928 ng/uL#	68
4) Benzaldehyde	6.69	77	54738m	24.074 ng/ul	
6) Phenol	6.75	94	104303	17.823 ng/ul	90
8) Bis(2-Chloroethyl)ether	6.97	93	82750	19.488 ng/ul	91
10) 2-Chlorophenol	7.10	128	83101	19.033 ng/ul	95
11) 2-Methylphenol	7.98	108	83844	18.731 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.06	45	79721m	18.604 ng/ul	
14) Acetophenone	8.35	105	159888	18.991 ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.33	70	88001	20.858 ng/ul#	83
16) 4-Methylphenol	8.31	108	92681	19.001 ng/ul	98
17) Hexachloroethane	8.58	117	47054	20.687 ng/ul#	68
20) Nitrobenzene	8.73	77	143216	20.527 ng/ul	92
21) Isophorone	9.25	82	236977	19.857 ng/ul	99
23) 2-Nitrophenol	9.43	139	49390	18.676 ng/ul	88
24) 2,4-Dimethylphenol	9.50	107	130847	20.181 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.73	93	124225	19.761 ng/ul	96
27) 2,4-Dichlorophenol	9.96	162	95054m	19.809 ng/ul	
28) Naphthalene	10.35	128	315148	19.221 ng/ul	99
30) 4-Chloroaniline	10.48	127	110610	21.767 ng/ul	88
31) Hexachlorobutadiene	10.62	225	76134	19.998 ng/ul	86
32) Caprolactam	11.27	113	29153m	18.968 ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	113454	19.567 ng/ul	92
34) 2-Methylnaphthalene	11.97	142	246638	19.763 ng/ul	96

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 Sample : SSTDC0020
 Misc :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	141320	18.871	ng/ul#	95
37) Hexachlorocyclopentadiene	12.31	237	73830	18.116	ng/ul#	94
38) 2,4,6-Trichlorophenol	12.61	196	86931	18.606	ng/ul	93
39) 2,4,5-Trichlorophenol	12.69	196	96165	20.141	ng/ul	95
40) 1,1'-Biphenyl	13.00	154	352685	19.625	ng/ul	96
41) 2-Chloronaphthalene	13.05	162	279907	19.498	ng/ul	95
42) 2-Nitroaniline	13.28	65	92611	19.066	ng/ul#	82
44) Dimethylphthalate	13.65	163	369659	19.458	ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	68761	19.051	ng/ul#	58
47) Acenaphthylene	13.90	152	440699	19.627	ng/ul	96
48) 3-Nitroaniline	14.12	138	52920	17.299	ng/ul	91
49) Acenaphthene	14.25	153	315971	19.984	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	27631	14.234	ng/ul#	42
52) 4-Nitrophenol	14.45	109	58892	16.888	ng/ul#	62
53) Dibenzofuran	14.59	168	477034	20.122	ng/ul#	87
54) 2,4-Dinitrotoluene	14.59	165	110266	19.068	ng/ul#	27
55) 2,3,4,6-Tetrachlorophenol	14.82	232	94383	19.548	ng/ul#	77
56) Diethylphthalate	15.03	149	419880	19.834	ng/ul#	91
58) Fluorene	15.24	166	400343	19.561	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.24	204	213324	19.927	ng/ul#	86
60) 4-Nitroaniline	15.30	138	48798	14.224	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.35	198	64349	17.329	ng/ul#	82
64) N-Nitrosodiphenylamine	15.46	169	339967	19.452	ng/ul	98
65) 4-Bromophenyl-phenylether	16.14	248	131040	19.309	ng/ul#	87
66) Hexachlorobenzene	16.24	284	133549	18.713	ng/ul#	77
67) Atrazine	16.43	200	125611	18.198	ng/ul	95
68) Pentachlorophenol	16.60	266	63842	17.071	ng/ul	94
69) Phenanthrene	16.99	178	661752	18.885	ng/ul	99
71) Anthracene	17.07	178	684634	19.427	ng/ul	98
72) Carbazole	17.36	167	537078	18.125	ng/ul	97
73) Di-n-butylphthalate	17.92	149	721028	18.860	ng/ul	98
74) Fluoranthene	19.02	202	783622	18.718	ng/ul#	94
77) Pylene	19.37	202	809758	20.040	ng/ul#	93
78) Butylbenzylphthalate	20.29	149	316698	18.956	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.08	252	185065	17.313	ng/ul#	90
80) Benzo(a)anthracene	21.13	228	730326	19.246	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	429787	17.962	ng/ul#	96
82) Chrysene	21.19	228	697470	19.703	ng/ul	98
84) Di-n-octyl phthalate	21.93	149	658159	15.466	ng/ul	96
85) Benzo(b)fluoranthene	22.67	252	644981	19.424	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	604303	19.141	ng/ul#	97
88) Benzo(a)pyrene	23.22	252	578409	19.493	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.47	276	571528	19.849	ng/ul#	98
90) Dibenzo(a,h)anthracene	25.48	278	461577	19.292	ng/ul#	93
91) Benzo(a,h,i)perylene	26.13	276	456532	19.572	ng/ul#	95

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