Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032219\
Data File : BM019313.D
Acq On : 22 Mar 2019 15:15
Operator : JU/SJ
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 22 18:27:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 16:40:17 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08056

Manual Integrations APPROVED
Sohil
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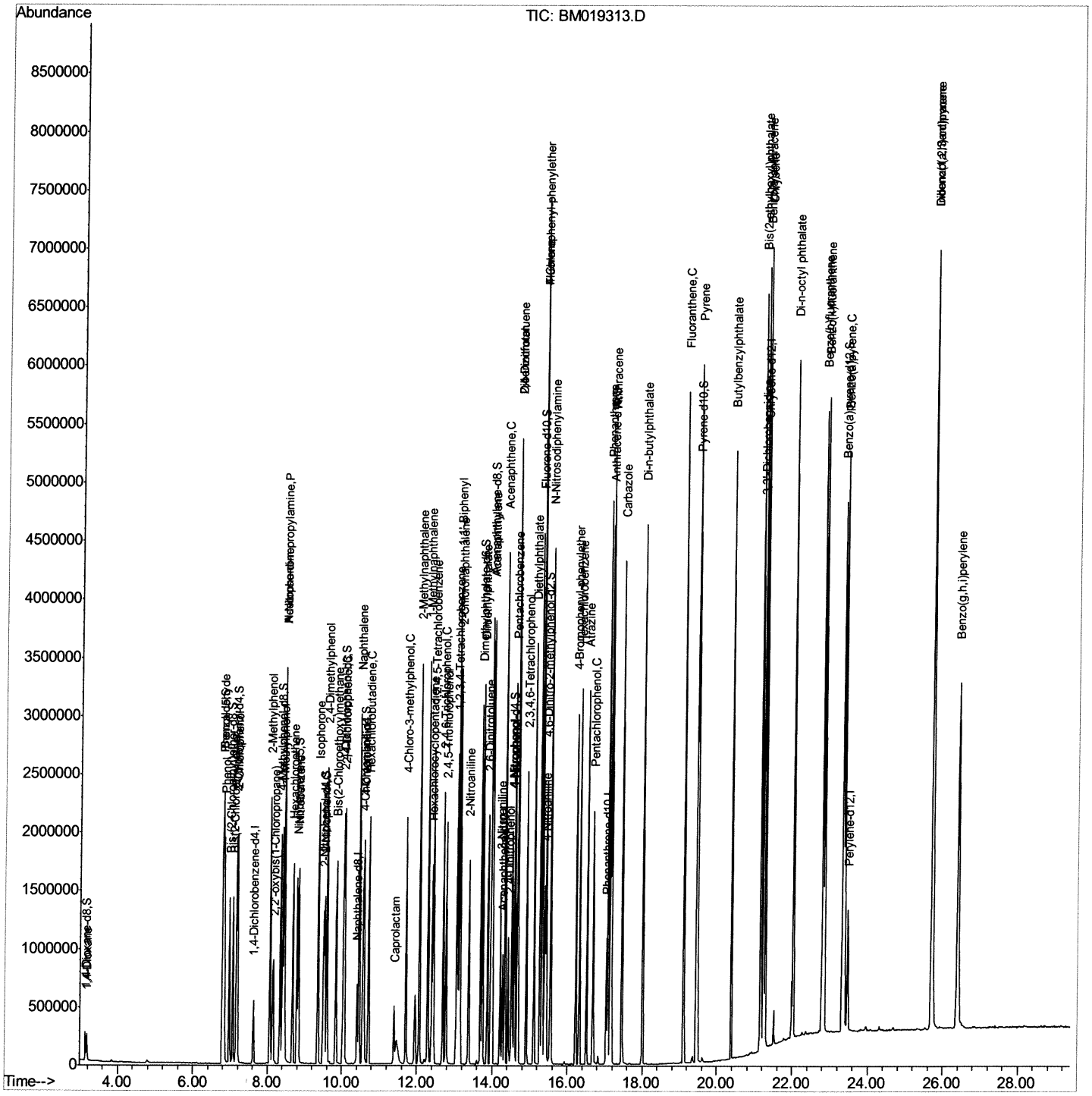

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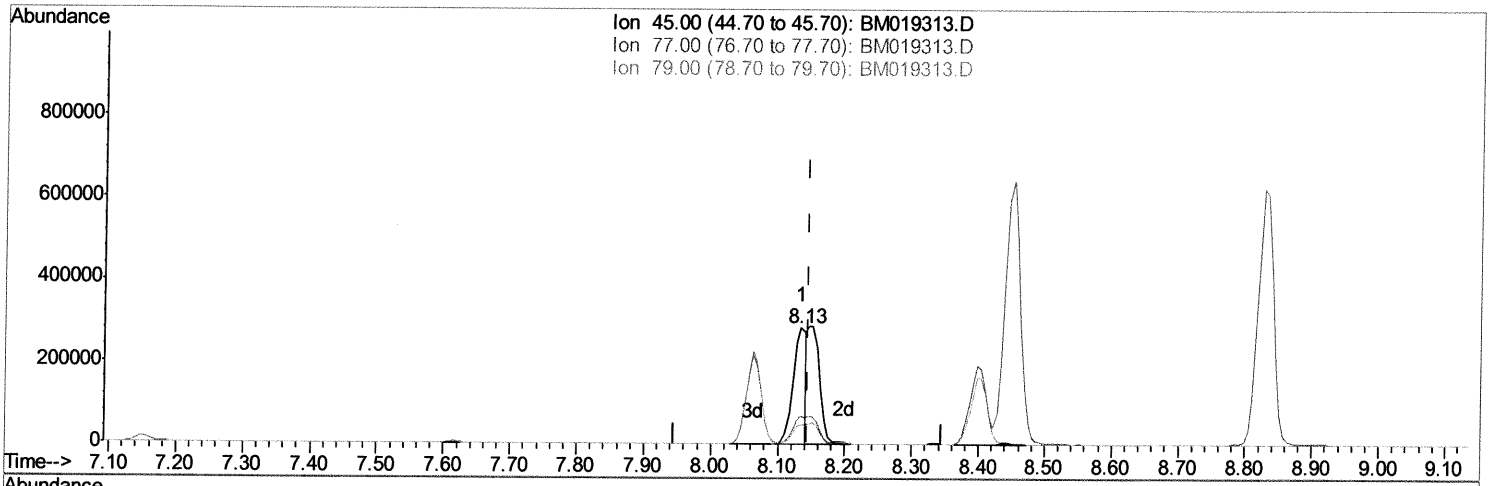

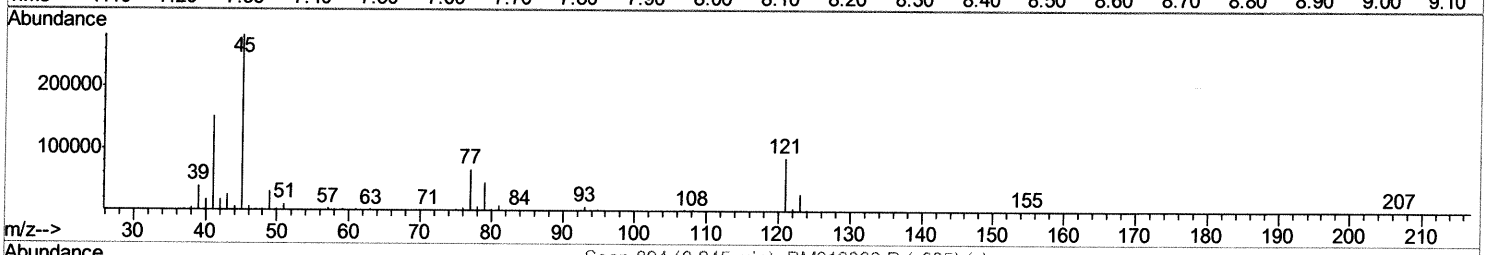

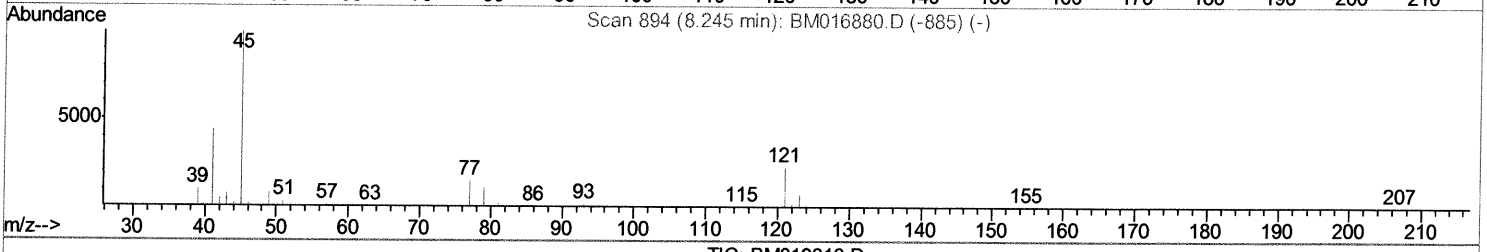

TIC: BM019313.D

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

8.134min (-0.012) 41.21ng/ul

response 372527

Ion	Exp%	Act%
45.00	100	100
77.00	15.60	23.67#
79.00	11.80	16.09#
0.00	0.00	0.00

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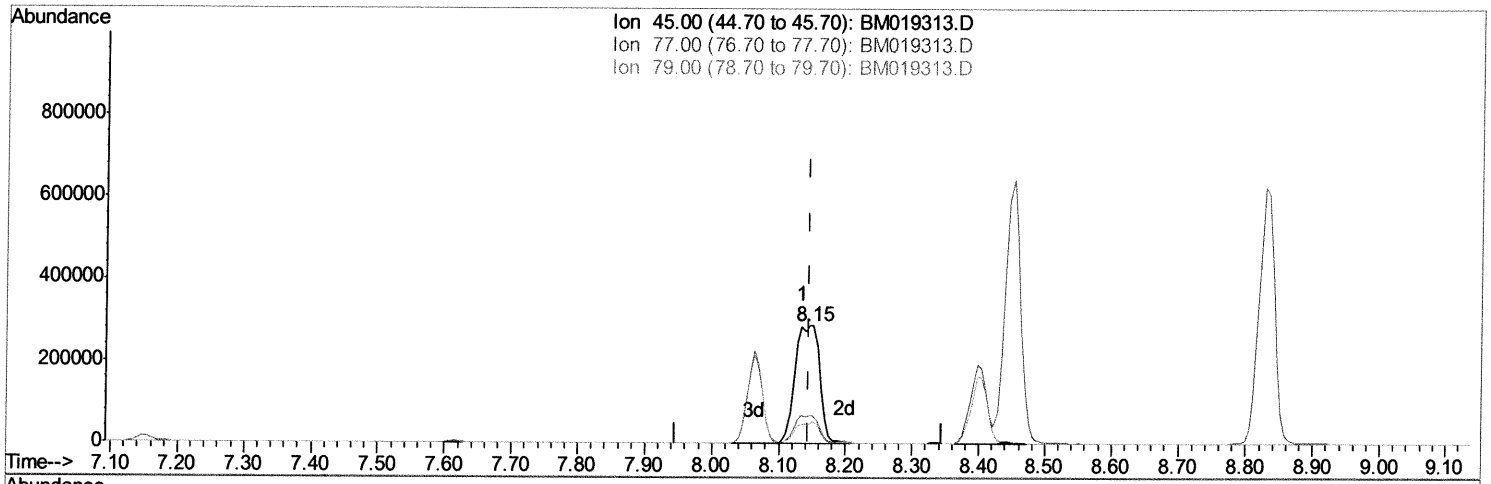

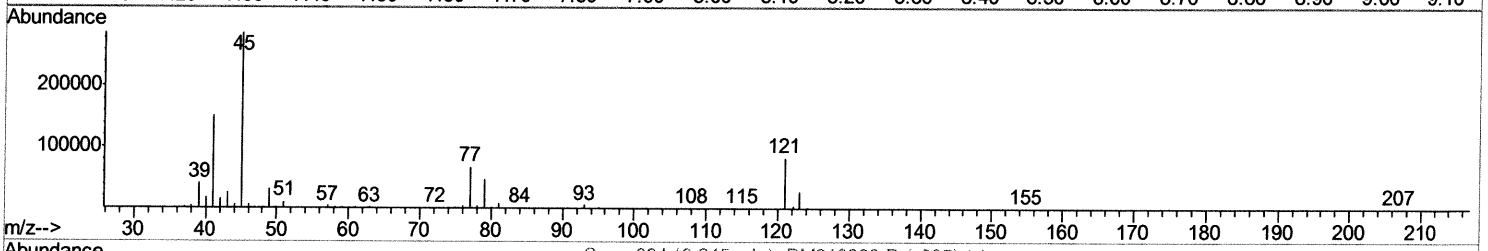

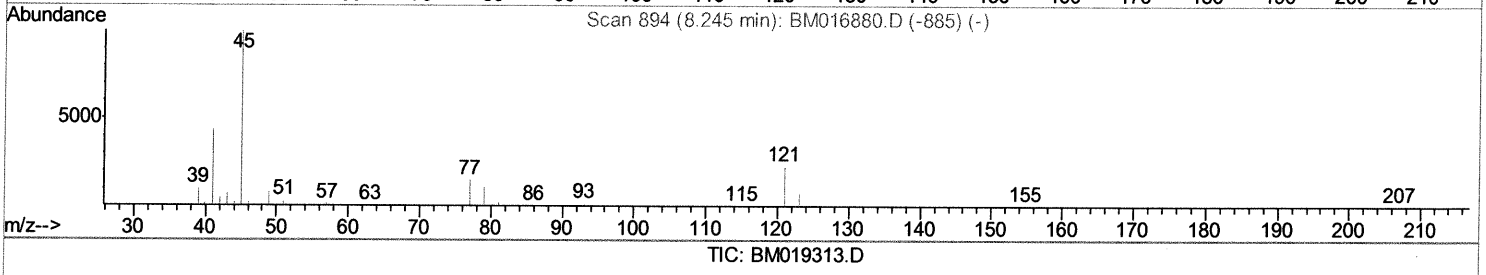

TIC: BM019313.D

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

8.145min (+0.000) 81.61ng/ul m SJ 3/29/19

response 737707

Ion	Exp%	Act%
45.00	100	100
77.00	15.60	23.57#
79.00	11.80	16.84#
0.00	0.00	0.00

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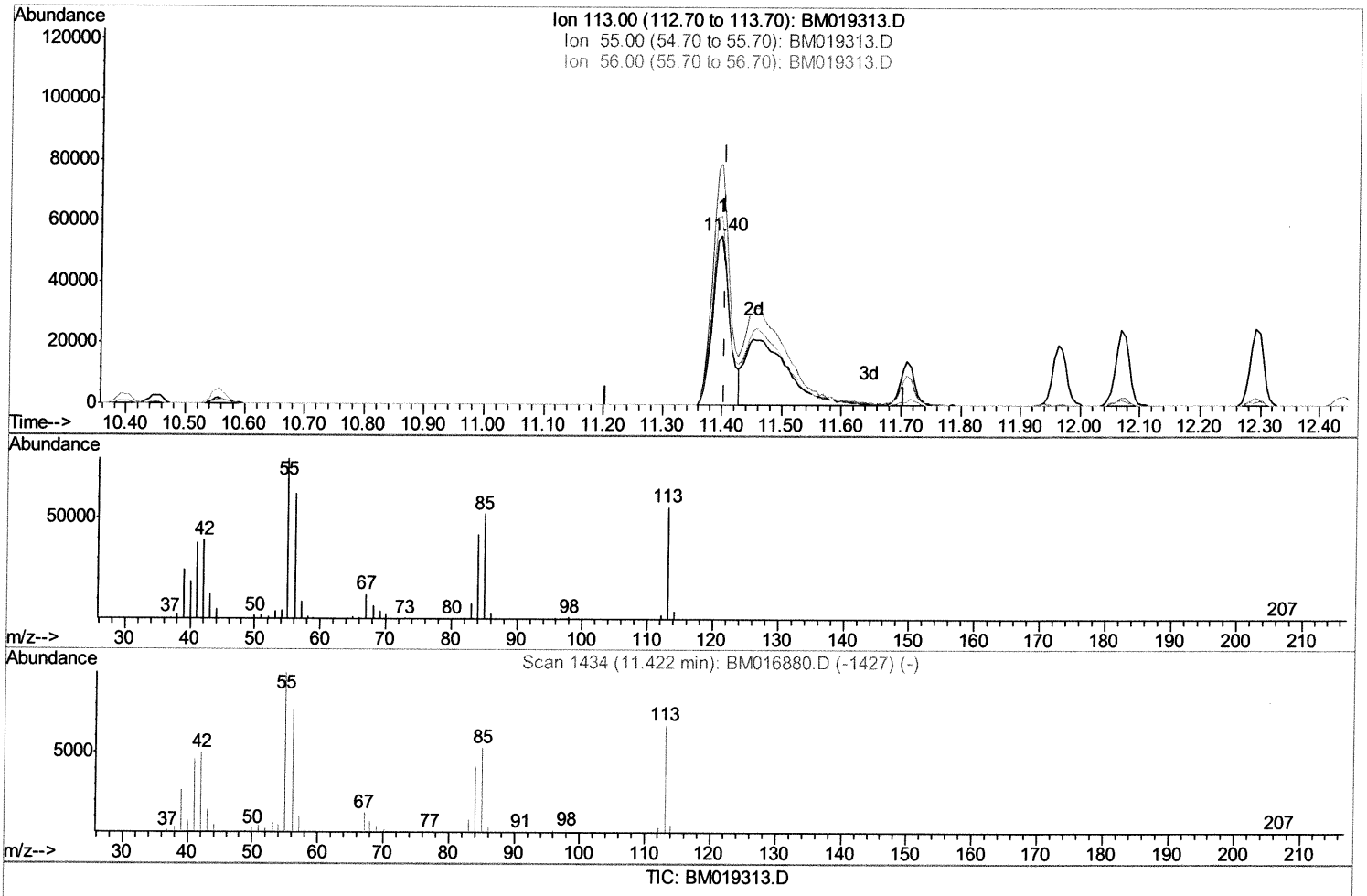

TIC: BM019313.D

(32) Caprolactam

11.398min (-0.006) 46.49ng/ul

response 109028

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	142.73
56.00	115.90	111.54
0.00	0.00	0.00

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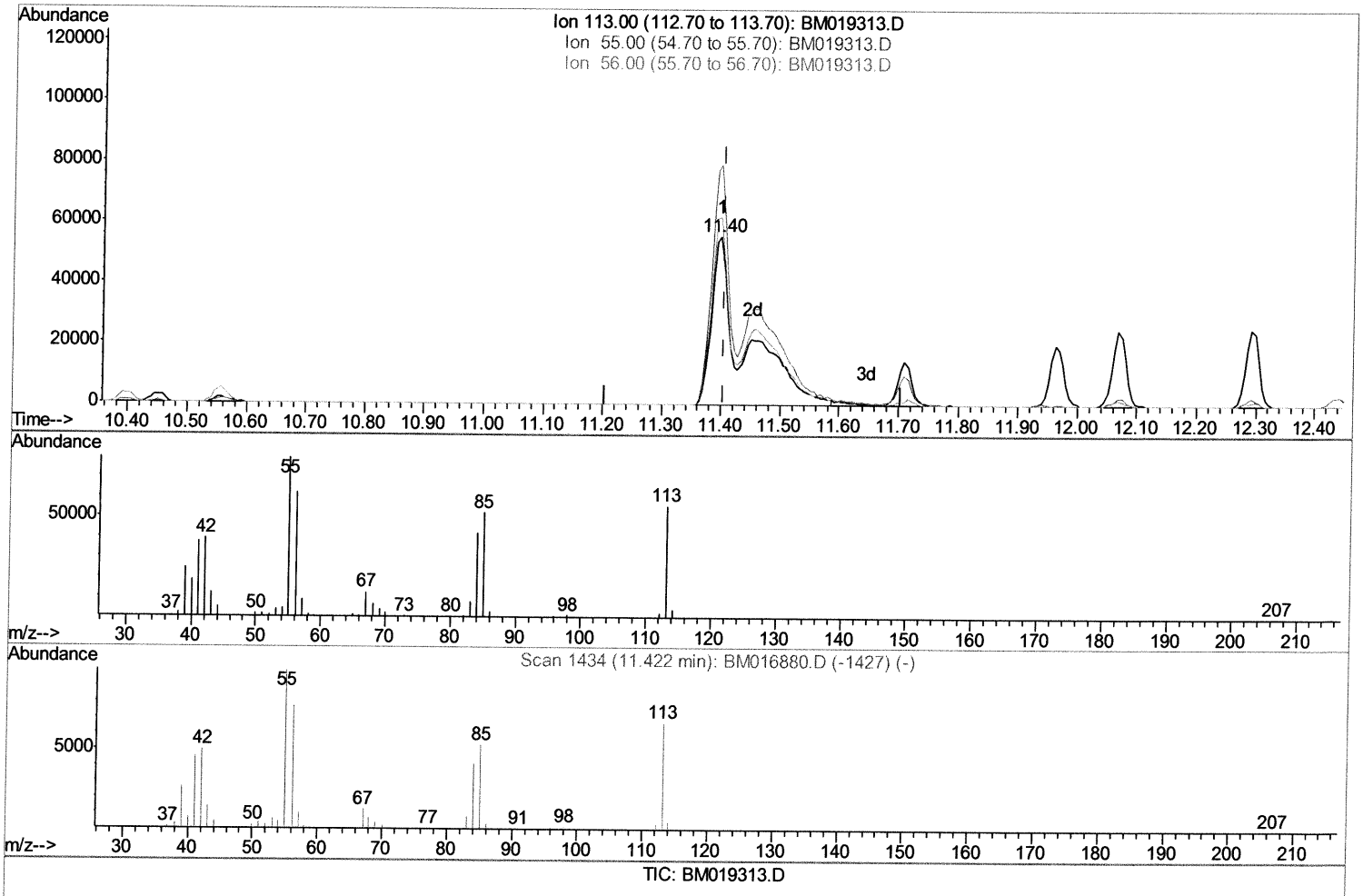

TIC: BM019313.D

(32) Caprolactam

11.398min (-0.006) 91.88ng/ul m > SJ 3/29/19

response 215452

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	142.73
56.00	115.90	111.54
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	134170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	533887	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	286317	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	590920	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	651800	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	693897	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	109882	32.06	ng/uL	0.00
5) Phenol-d5	6.80	99	1003313	83.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	662970	82.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	778549	85.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	738402	82.33	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	356834	93.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	404614	95.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	721729	90.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	819082	85.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1936628	83.83	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2514544	87.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	341215	94.22	ng/ul	0.00
58) Fluorene-d10	15.27	176	1632062	82.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	355165	90.89	ng/ul	0.00
71) Anthracene-d10	17.13	188	2444098	86.19	ng/ul	0.00
79) Pyrene-d10	19.44	212	2547981	84.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	3158794	85.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	122130	31.321	ng/uL#	87
4) Benzaldehyde	6.78	77	736291	86.031	ng/ul	96
6) Phenol	6.83	94	1035595	83.061	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	778420	81.611	ng/ul	96
10) 2-Chlorophenol	7.18	128	793152	86.162	ng/ul	96
11) 2-Methylphenol	8.06	108	714546	82.177	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	737707m	81.606	ng/ul	
14) Acetophenone	8.45	105	1191704	81.592	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.44	70	704051	86.018	ng/ul#	87
16) 4-Methylphenol	8.40	108	779890	81.777	ng/ul	99
17) Hexachloroethane	8.67	117	325990	84.261	ng/ul	83
20) Nitrobenzene	8.83	77	1013142	89.368	ng/ul	97
21) Isophorone	9.35	82	1750263	89.993	ng/ul	97
23) 2-Nitrophenol	9.53	139	432883	92.581	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	861701	84.812	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	1017882	86.732	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	708971	89.705	ng/ul	95
28) Naphthalene	10.45	128	2259158	81.683	ng/ul	99
30) 4-Chloroaniline	10.58	127	846156	83.681	ng/ul	97
31) Hexachlorobutadiene	10.71	225	409564	82.145	ng/ul	97
32) Caprolactam	11.40	113	215452m	91.878	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	758840	89.076	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	1605965	82.868	ng/ul	98

SJ 3/29/19

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Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD08056

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	1494628	81.680 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	774564	85.016 ng/ul#	95
38) Hexachlorocyclopentadiene	12.40	237	443719	94.947 ng/ul#	99
39) 2,4,6-Trichlorophenol	12.70	196	521513	91.747 ng/ul	97
40) 2,4,5-Trichlorophenol	12.77	196	547806	89.863 ng/ul	97
41) 1,1'-Biphenyl	13.10	154	2036886	83.527 ng/ul#	95
42) 2-Chloronaphthalene	13.15	162	1578284	84.512 ng/ul	99
43) 2-Nitroaniline	13.37	65	511127	99.661 ng/ul	90
45) Dimethylphthalate	13.75	163	1935913	83.518 ng/ul	98
46) 2,6-Dinitrotoluene	13.88	165	411009	96.587 ng/ul	96
48) Acenaphthylene	14.00	152	2443337	85.338 ng/ul	99
49) 3-Nitroaniline	14.22	138	367218	88.189 ng/ul	97
50) Acenaphthene	14.34	153	1656378	82.143 ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	246632	100.100 ng/ul#	79
53) 4-Nitrophenol	14.53	109	263805	93.077 ng/ul#	76
54) Dibenzofuran	14.68	168	2294933	81.497 ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	591566	93.880 ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	14.91	232	452252	88.069 ng/ul#	81
57) Diethylphthalate	15.12	149	1888755	82.841 ng/ul	97
59) Fluorene	15.33	166	1861225	83.406 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	921290	82.760 ng/ul	94
61) 4-Nitroaniline	15.39	138	411269	90.481 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.43	198	369351	89.277 ng/ul#	92
65) N-Nitrosodiphenylamine	15.55	169	1590378	86.507 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	557359	86.854 ng/ul	98
67) Hexachlorobenzene	16.33	284	654362	84.209 ng/ul#	92
68) Atrazine	16.52	200	553888	86.092 ng/ul	97
69) Pentachlorophenol	16.69	266	375922	92.556 ng/ul	98
70) Phenanthrene	17.07	178	2785288	83.133 ng/ul	99
72) Anthracene	17.17	178	2915248	85.288 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	737103	86.037 ng/uL	99
74) Pentachlorobenzene	14.59	250	751857	83.901 ng/uL	97
75) Carbazole	17.45	167	2593246	84.595 ng/ul	98
76) Di-n-butylphthalate	18.00	149	3153574	92.808 ng/ul	99
77) Fluoranthene	19.10	202	3197578	83.288 ng/ul#	87
80) Pyrene	19.47	202	3287442	83.836 ng/ul#	86
81) Butylbenzylphthalate	20.37	149	1469280	94.632 ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.17	252	1231342	86.961 ng/ul#	99
83) Benzo(a)anthracene	21.23	228	3305316	84.252 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2170416	96.444 ng/ul#	96
85) Chrysene	21.28	228	3111471	82.656 ng/ul	100
87) Di-n-octyl phthalate	22.02	149	3751718	86.681 ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	3627164	85.816 ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	3366876	82.948 ng/ul#	96
91) Benzo(a)pyrene	23.37	252	3441750	85.178 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.72	276	4395071	86.862 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.73	278	3757276	87.103 ng/ul#	96
94) Benzo(g,h,i)perylene	26.40	276	3587636	84.849 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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