Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072820\
Data File : BM026890.D
Acq On : 28 Jul 2020 14:39
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 28 15:34:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:40:31 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
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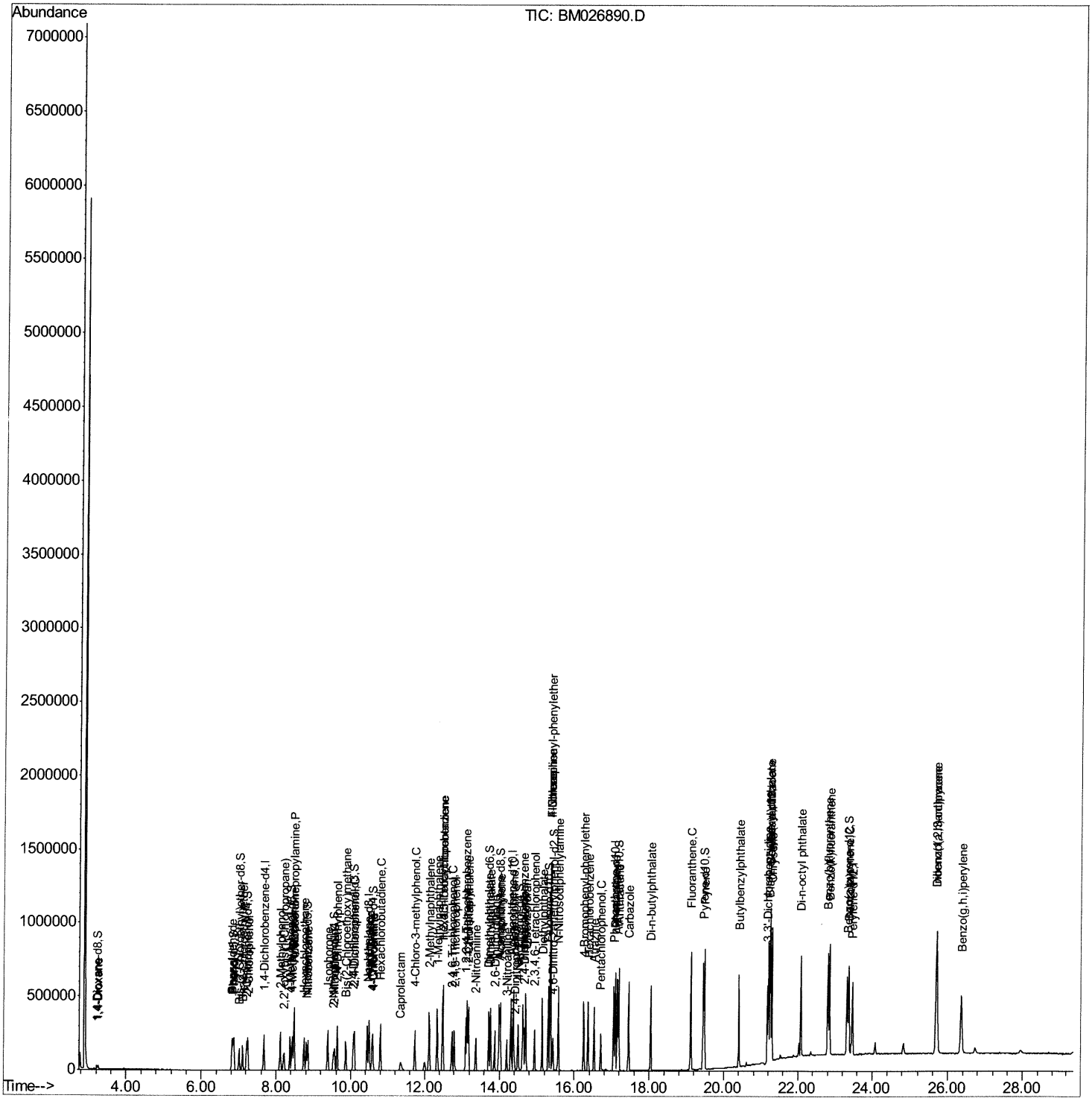

Quantitation Report (Qedit)

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Data File : BM026890.D
Acq On : 28 Jul 2020 14:39
Operator : JU/CG
Sample : SSTDCCC020
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LabSampleId :
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Manual Integrations APPROVED
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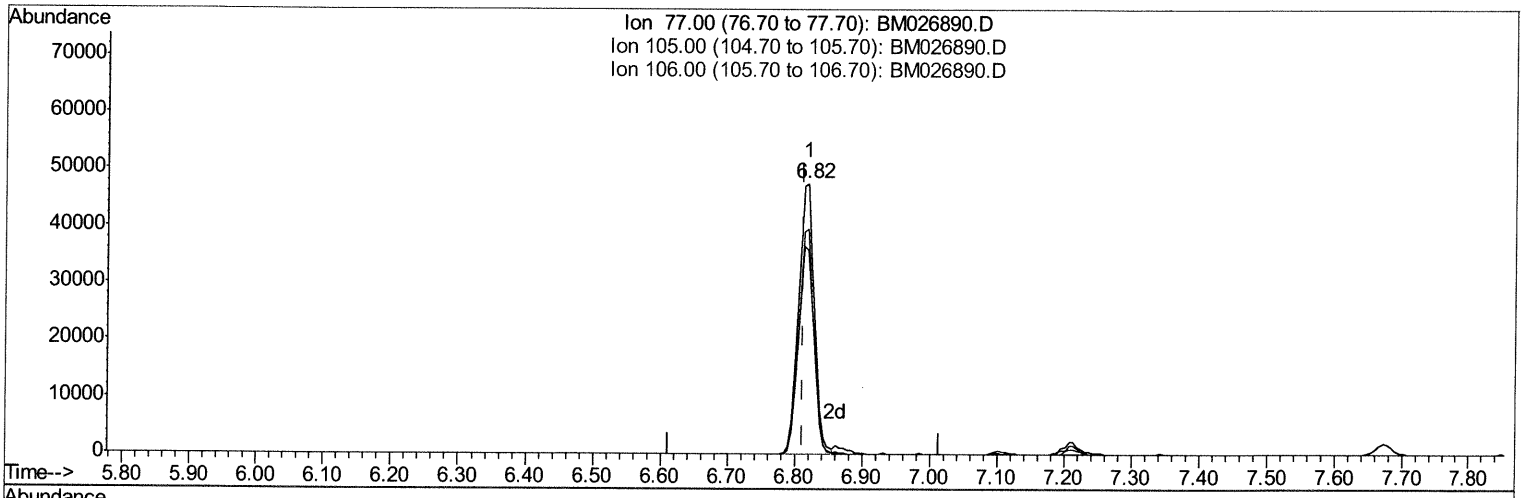

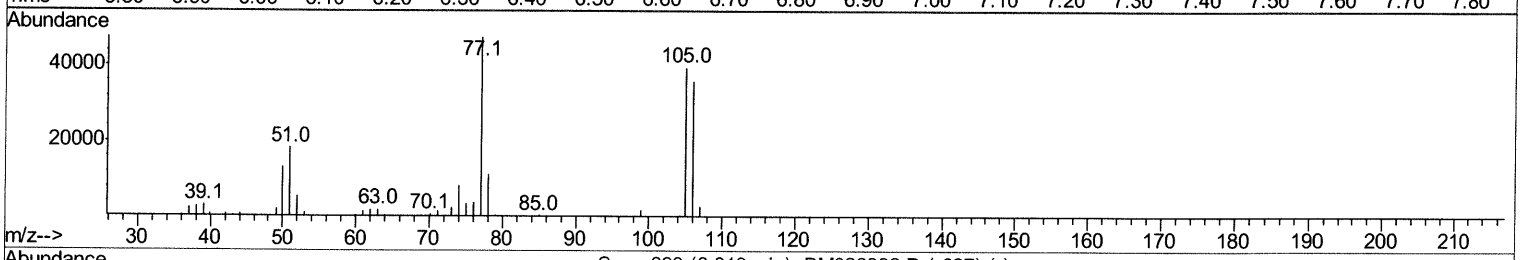

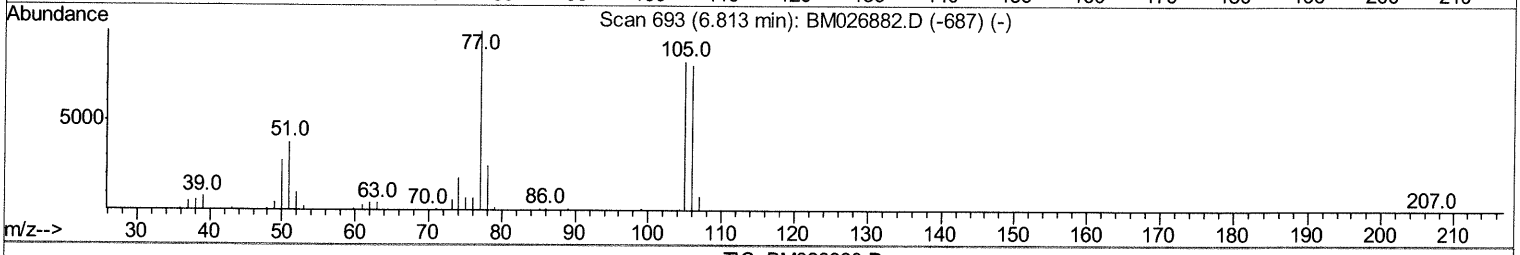

TIC: BM026890.D

(4) Benzaldehyde

6.819min (+0.006) 19.72ng/ul

response 76709

Ion	Exp%	Act%
77.00	100	100
105.00	81.10	82.97
106.00	78.10	75.59
0.00	0.00	0.00

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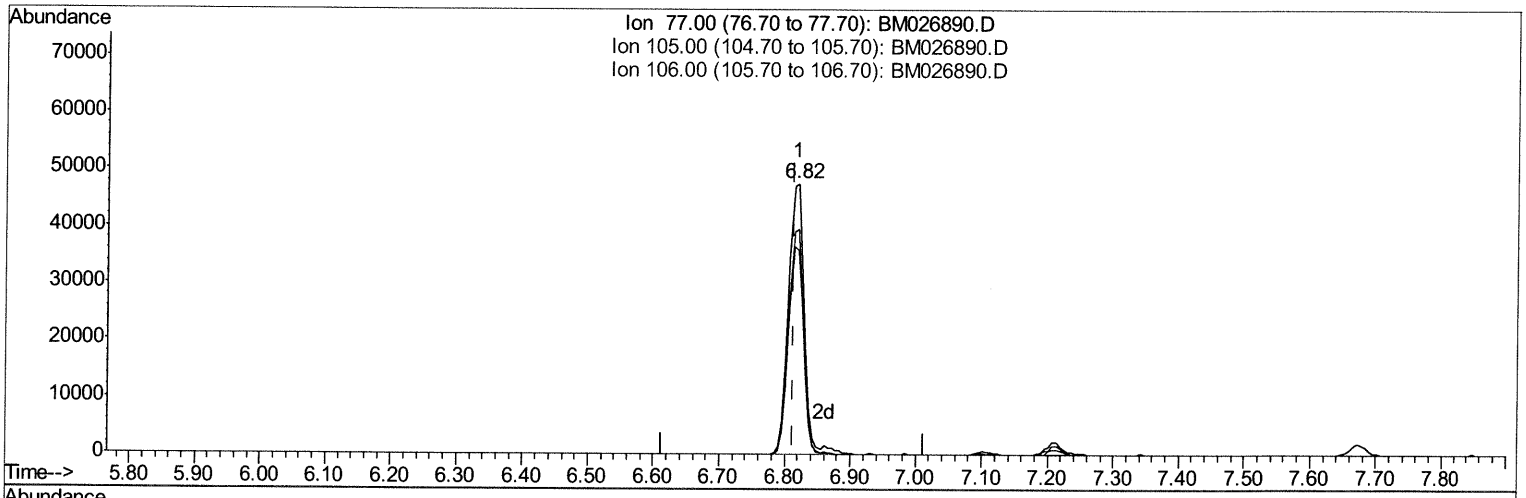

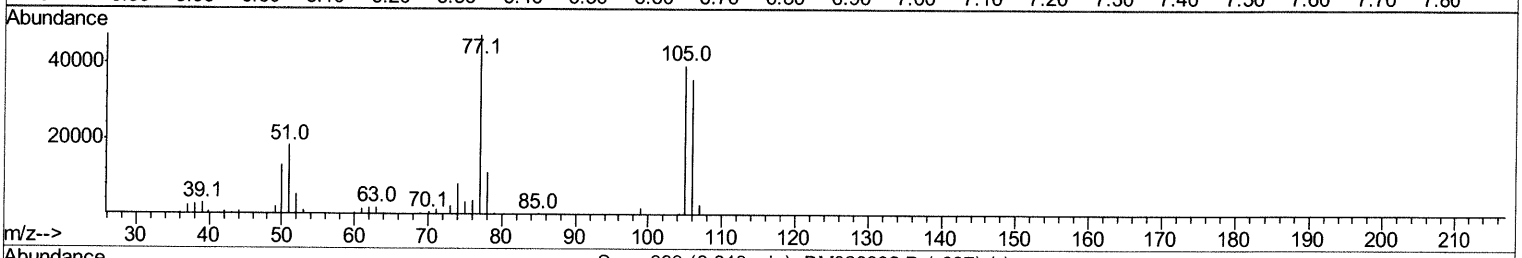

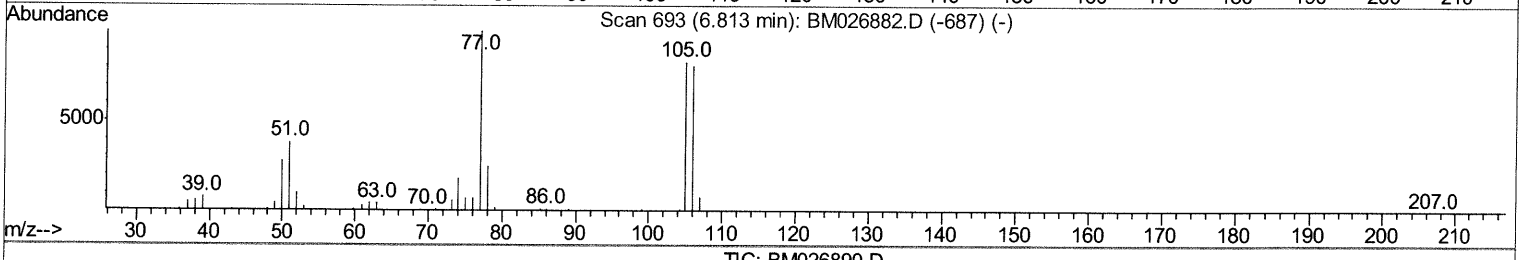

TIC: BM026890.D

(4) Benzaldehyde

6.819min (+0.006) 20.22ng/ul m 7/31/20 JU

response 78650

Ion	Exp%	Act%
77.00	100	100
105.00	81.10	82.97
106.00	78.10	75.59
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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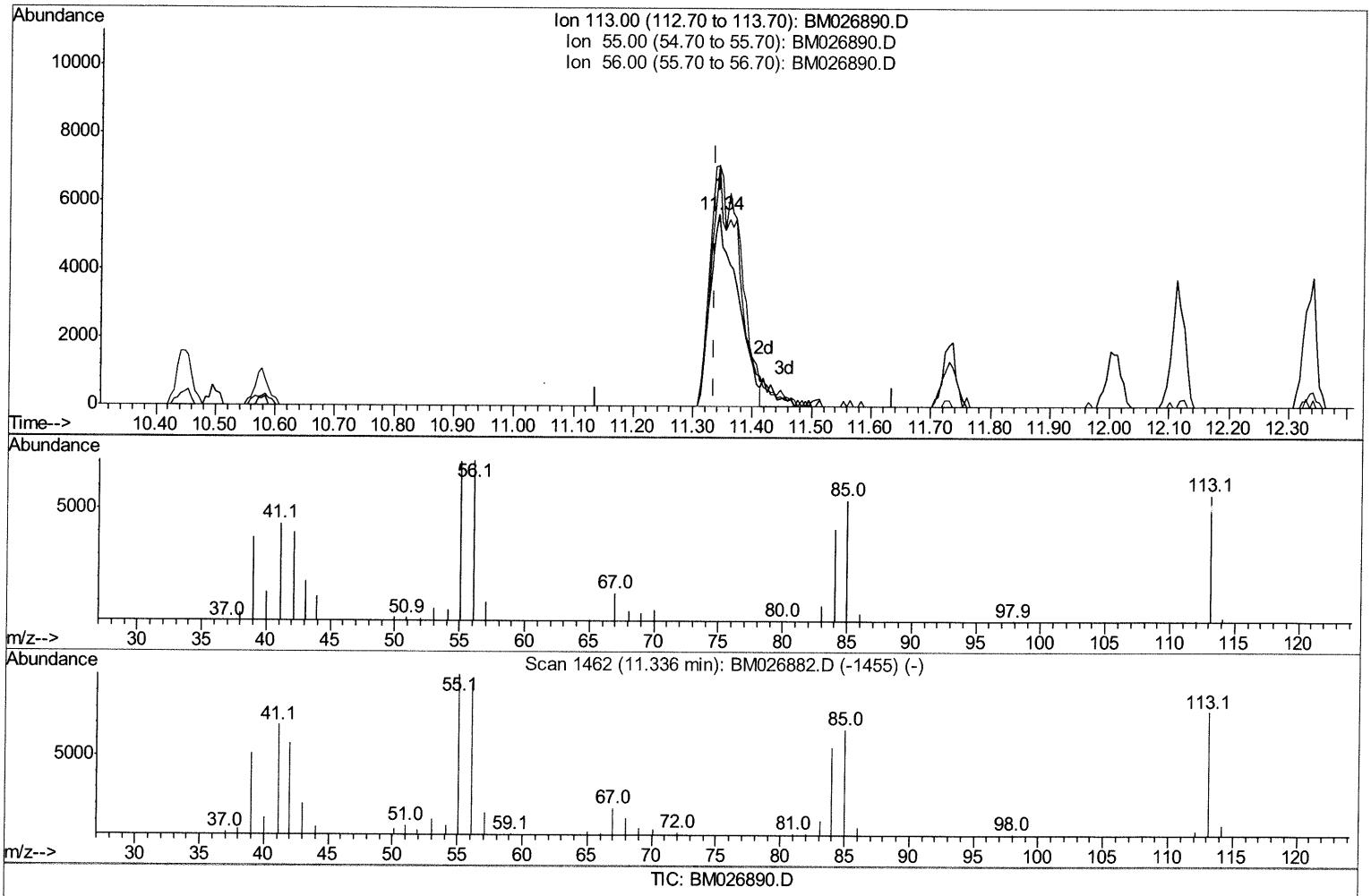

TIC: BM026890.D

(32) Caprolactam

11.342min (+0.006) 16.46ng/ul

response 18151

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	124.93
56.00	112.70	125.74
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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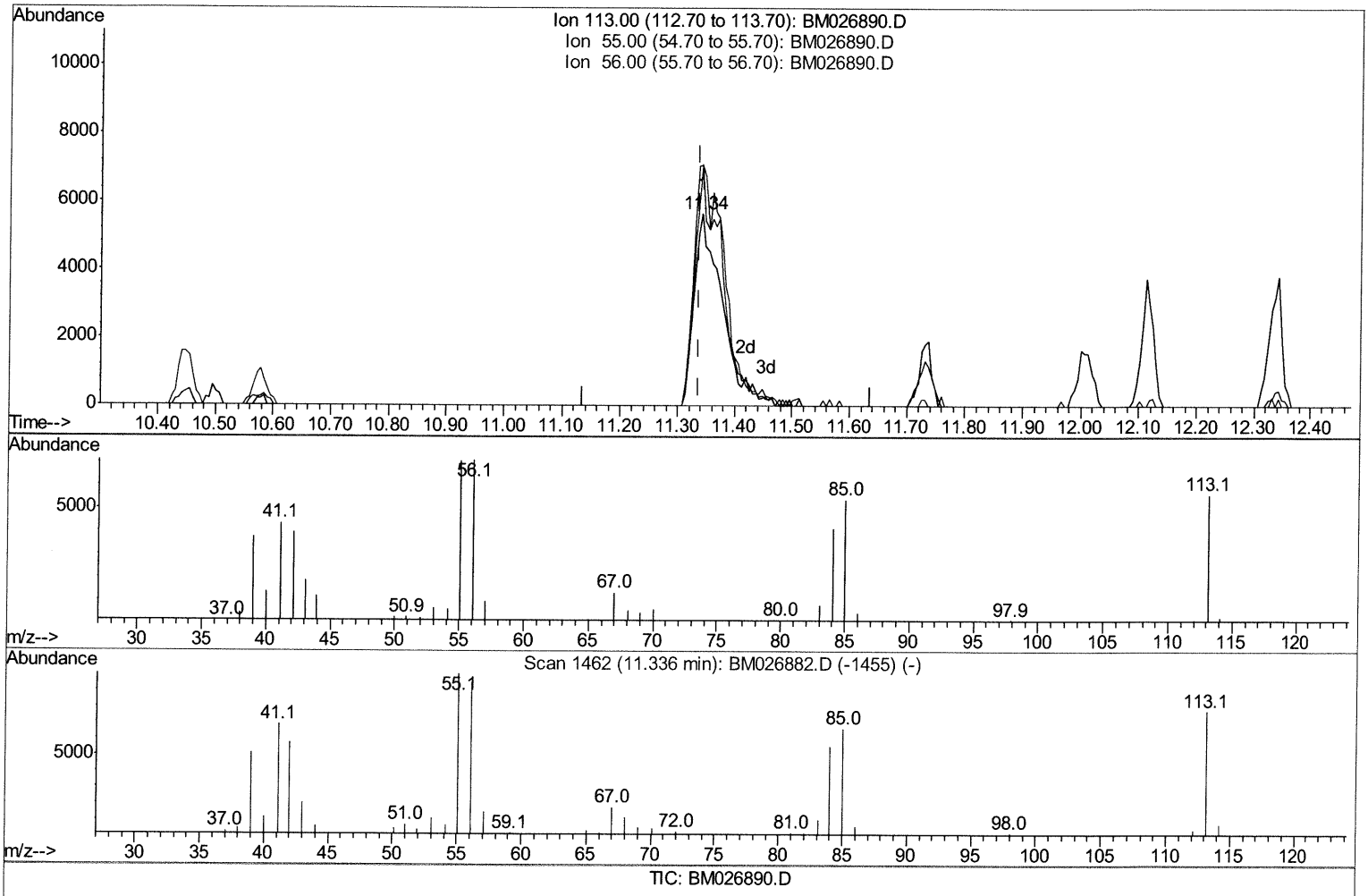

TIC: BM026890.D

(32) Caprolactam

11.342min (+0.006) 17.55ng/ul m 7/31/20 JU

response 19348

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	124.93
56.00	112.70	125.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072820\
Data File : BM026890.D
Acq On : 28 Jul 2020 14:39
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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Quant Time: Jul 28 15:34:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:40:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	54500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	212925	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	142890	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	307467	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	321104	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	336455	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	9856	8.25	ng/uL	0.00
5) Phenol-d5	6.84	99	87899	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	62248	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	67353	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	67019	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	31456	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	28569	18.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	69978	19.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	84302	19.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	218747	19.52	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	274829	19.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	34986	18.46	ng/ul	0.00
58) Fluorene-d10	15.30	176	202453	20.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	24877	18.15	ng/ul	0.00
71) Anthracene-d10	17.15	188	303896	19.78	ng/ul	0.00
79) Pyrene-d10	19.45	212	328309	19.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	363603	19.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	12372	8.333	ng/uL	97
4) Benzaldehyde	6.82	77	78650m>	20.220	ng/ul >	7/31/20 JU
6) Phenol	6.87	94	94955	18.585	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.10	93	76893	19.019	ng/ul	99
10) 2-Chlorophenol	7.24	128	70238	18.934	ng/ul	100
11) 2-Methylphenol	8.11	108	67122	18.363	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	61420	17.155	ng/ul	96
14) Acetophenone	8.48	105	121770	19.978	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.48	70	72749	19.761	ng/ul	94
16) 4-Methylphenol	8.44	108	73884	18.967	ng/ul	99
17) Hexachloroethane	8.75	117	37119	20.995	ng/ul	94
20) Nitrobenzene	8.85	77	112545	20.976	ng/ul	98
21) Isophorone	9.38	82	179501	18.976	ng/ul#	97
23) 2-Nitrophenol	9.56	139	33747	19.485	ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	91740	20.277	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.87	93	99756	18.929	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	71275	20.187	ng/ul	98
28) Naphthalene	10.50	128	234860	19.743	ng/ul	97
30) 4-Chloroaniline	10.60	127	86525	19.851	ng/ul	93
31) Hexachlorobutadiene	10.80	225	56791	22.778	ng/ul	96
32) Caprolactam	11.34	113	19348m >	17.548	ng/ul >	7/31/20 JU
33) 4-Chloro-3-methylphenol	11.73	107	76932	19.543	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	168381	20.022	ng/ul	98

Quantitation Report (QT Reviewed)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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7/30/2020 3:32:20 PM

Quant Time: Jul 28 15:34:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:40:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	166072	20.210 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	95729	19.601 ng/ul	98
38) Hexachlorocyclopentadiene	12.48	237	64170	19.378 ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	52684	18.825 ng/ul	97
40) 2,4,5-Trichlorophenol	12.79	196	58933	19.707 ng/ul	94
41) 1,1'-Biphenyl	13.14	154	226023	18.929 ng/ul	97
42) 2-Chloronaphthalene	13.17	162	188550	19.624 ng/ul	100
43) 2-Nitroaniline	13.37	65	57226	20.028 ng/ul	95
45) Dimethylphthalate	13.77	163	229679	19.532 ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	41724	20.126 ng/ul	89
48) Acenaphthylene	14.02	152	280386	19.355 ng/ul	100
49) 3-Nitroaniline	14.20	138	37925	18.715 ng/ul	97
50) Acenaphthene	14.37	153	197928	19.831 ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	15406	18.558 ng/ul	87
53) 4-Nitrophenol	14.51	109	43191	22.749 ng/ul#	80
54) Dibenzofuran	14.71	168	283607	20.500 ng/ul	95
55) 2,4-Dinitrotoluene	14.66	165	64587	21.684 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.94	232	48161	20.529 ng/ul	97
57) Diethylphthalate	15.15	149	241764	20.504 ng/ul	98
59) Fluorene	15.36	166	241274	20.710 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	122179	21.072 ng/ul	97
61) 4-Nitroaniline	15.36	138	48264	19.432 ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.43	198	28091	18.036 ng/ul#	97
65) N-Nitrosodiphenylamine	15.57	169	197397	19.626 ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	72155	20.004 ng/ul	99
67) Hexachlorobenzene	16.37	284	84259	20.599 ng/ul	98
68) Atrazine	16.52	200	68794	18.633 ng/ul	98
69) Pentachlorophenol	16.70	266	36660	18.011 ng/ul	97
70) Phenanthrene	17.09	178	372662	19.967 ng/ul	99
72) Anthracene	17.18	178	386028	20.123 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	92889	19.230 ng/uL	98
74) Pentachlorobenzene	14.63	250	96035	20.505 ng/uL	98
75) Carbazole	17.45	167	327182	19.294 ng/ul	99
76) Di-n-butylphthalate	18.04	149	388544	19.478 ng/ul	98
77) Fluoranthene	19.11	202	430831	19.551 ng/ul	97
80) Pyrene	19.48	202	453576	19.415 ng/ul	96
81) Butylbenzylphthalate	20.40	149	152054	17.504 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	126722	16.692 ng/ul	98
83) Benzo(a)anthracene	21.24	228	438240	19.801 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	237577	18.242 ng/ul#	99
85) Chrysene	21.29	228	436026	20.202 ng/ul	99
87) Di-n-octyl phthalate	22.08	149	388418	15.712 ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	458644	19.056 ng/ul	98
89) Benzo(k)fluoranthene	22.85	252	446125	19.316 ng/ul	98
91) Benzo(a)pyrene	23.37	252	429986	19.798 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.69	276	531821	19.739 ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	455602	19.993 ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	440229	19.760 ng/ul	98

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

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