Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (QT Reviewed)

Data File : BM024989.D
Acq On : 21 Feb 2020 16:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 01:14:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 17:03:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02008

Manual Integrations APPROVED
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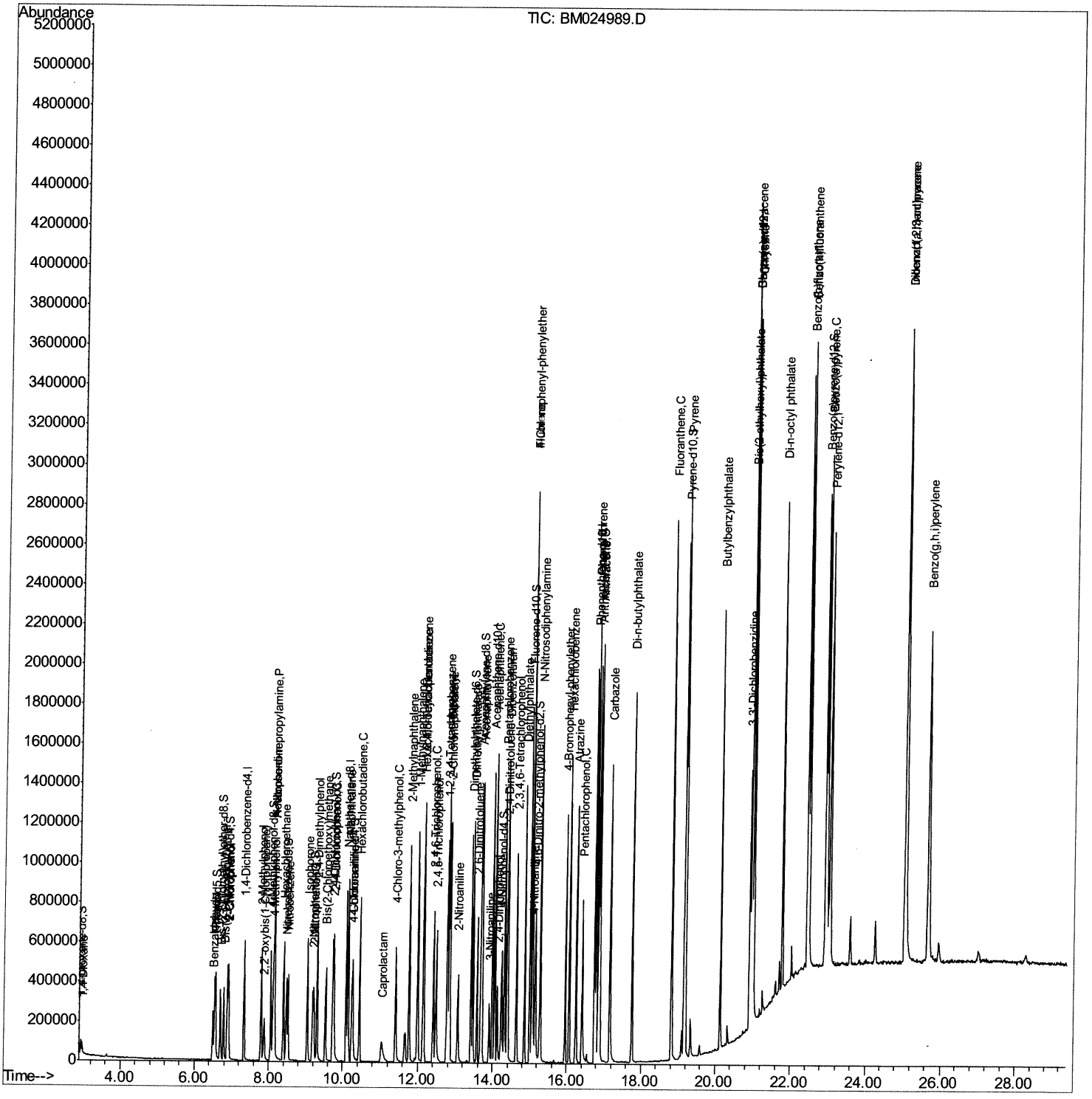

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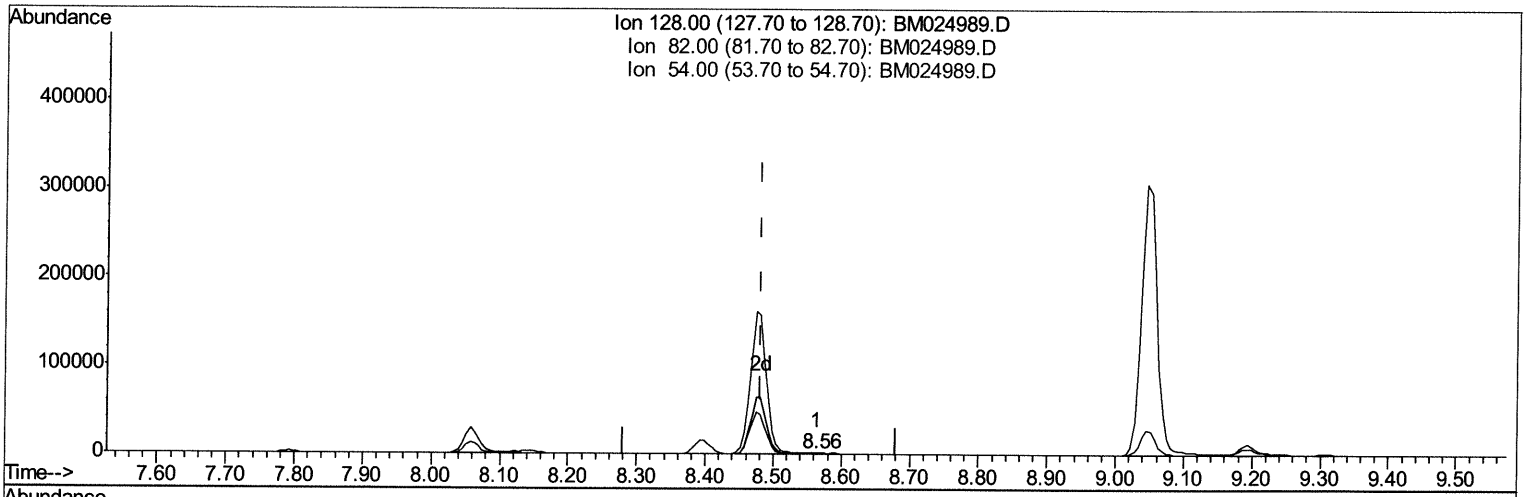

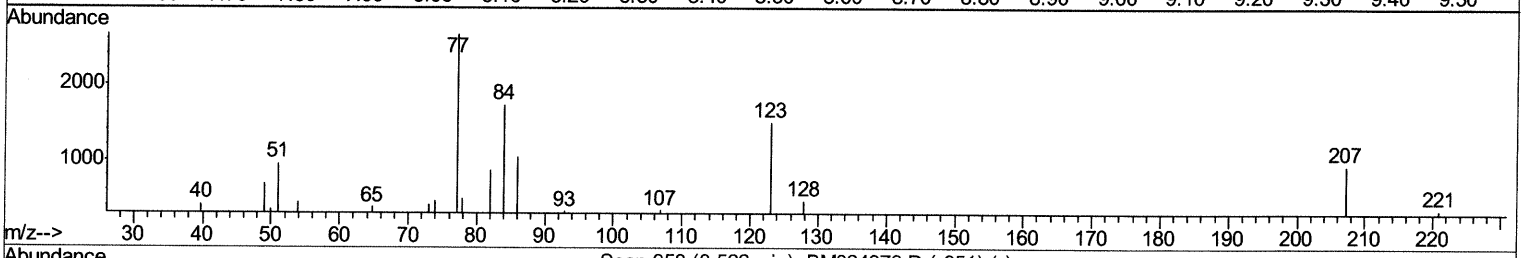

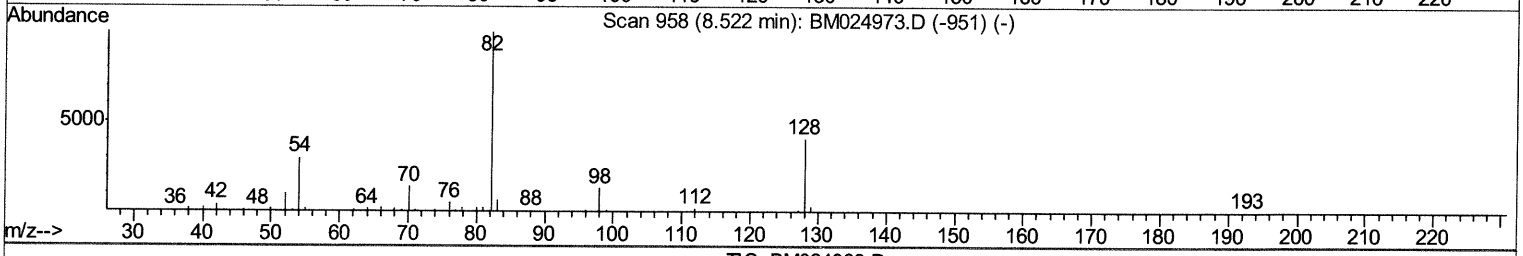

TIC: BM024989.D

(19) Nitrobenzene-d5 (S)

8.563min (+0.082) 0.02ng/ul

response 115

Ion	Exp%	Act%
128.00	100	100
82.00	216.00	186.88
54.00	87.00	96.56
0.00	0.00	0.00

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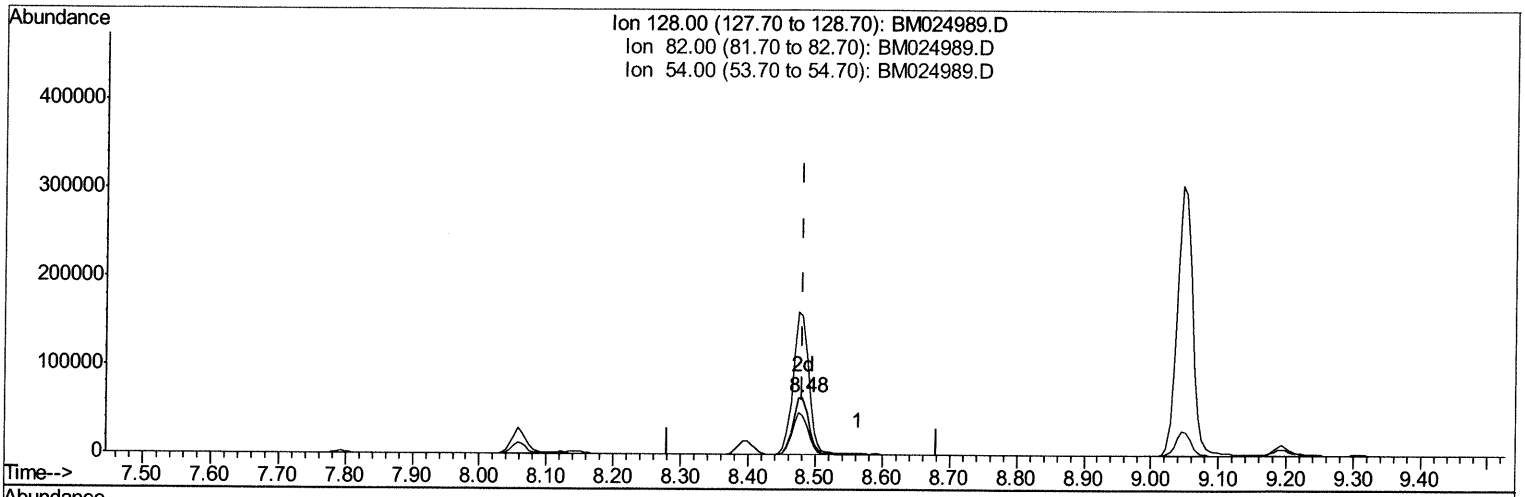

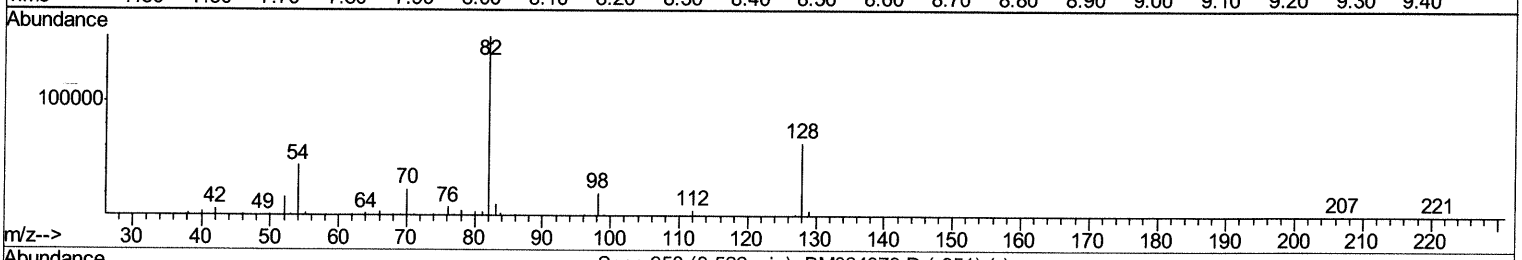

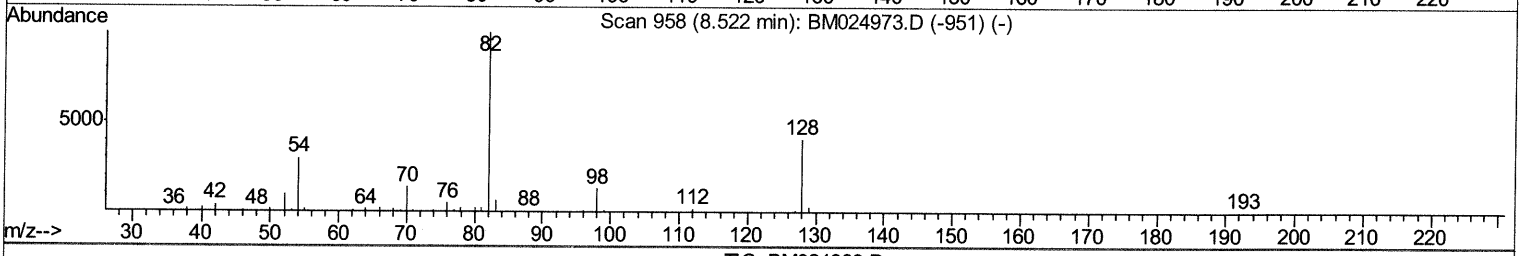

TIC: BM024989.D

(19) Nitrobenzene-d5 (S)

8.481min (0.000) 21.15ng/ul m JU 02/25/20

response 106054

Ion	Exp%	Act%
128.00	100	100
82.00	216.00	244.60
54.00	87.00	68.80#
0.00	0.00	0.00

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LabSampleId :
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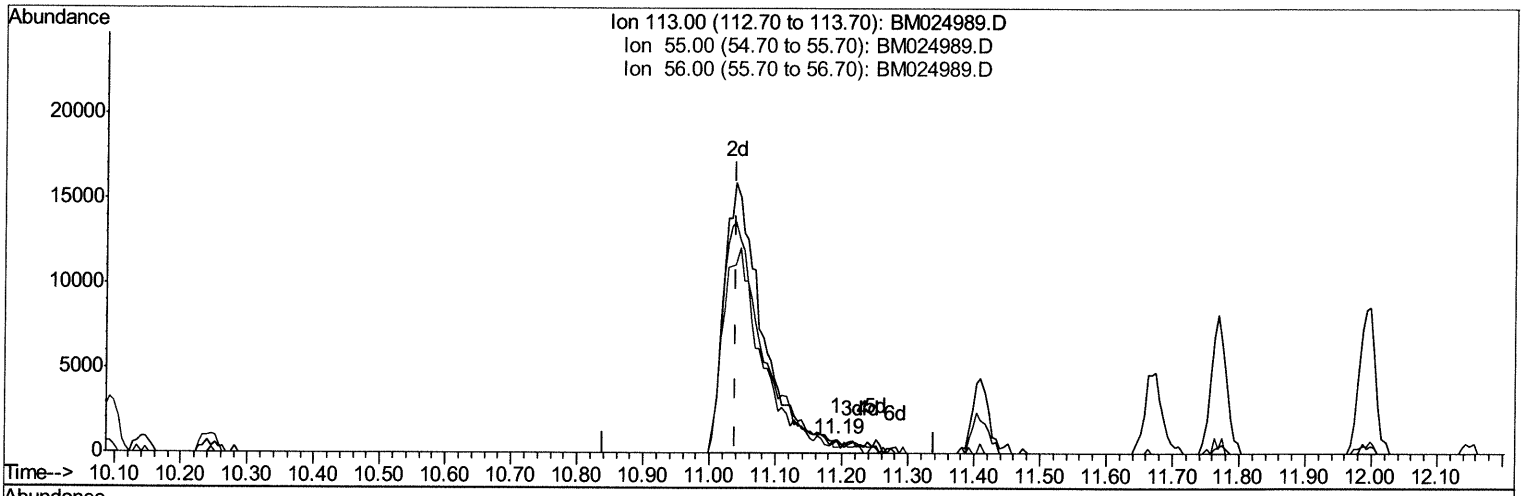

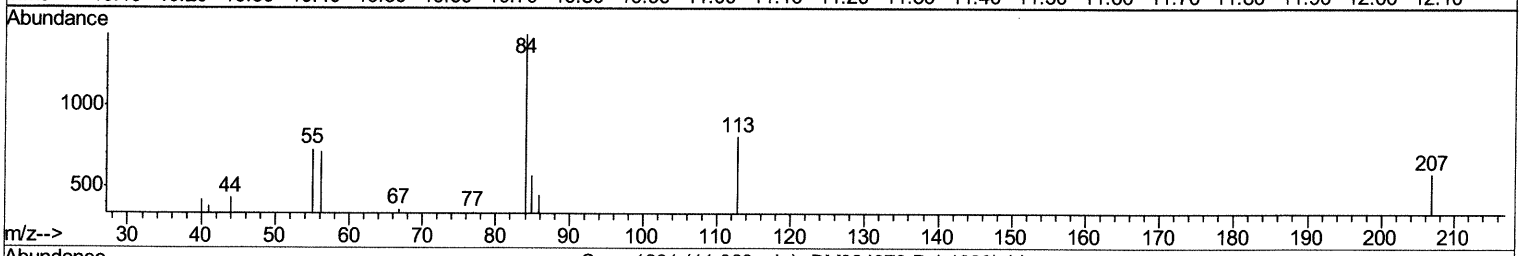

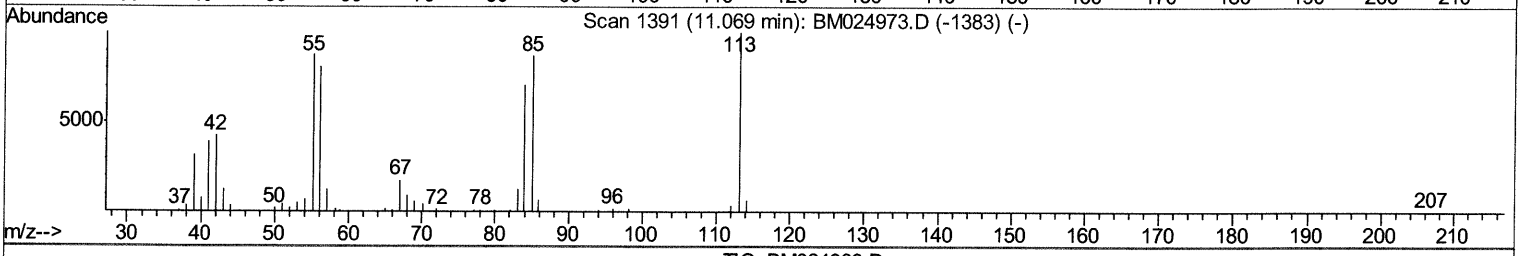

TIC: BM024989.D

(32) Caprolactam

11.192min (+0.153) 0.08ng/ul

response 239

Ion	Exp%	Act%
113.00	100	100
55.00	107.70	89.88
56.00	89.90	88.27
0.00	0.00	0.00

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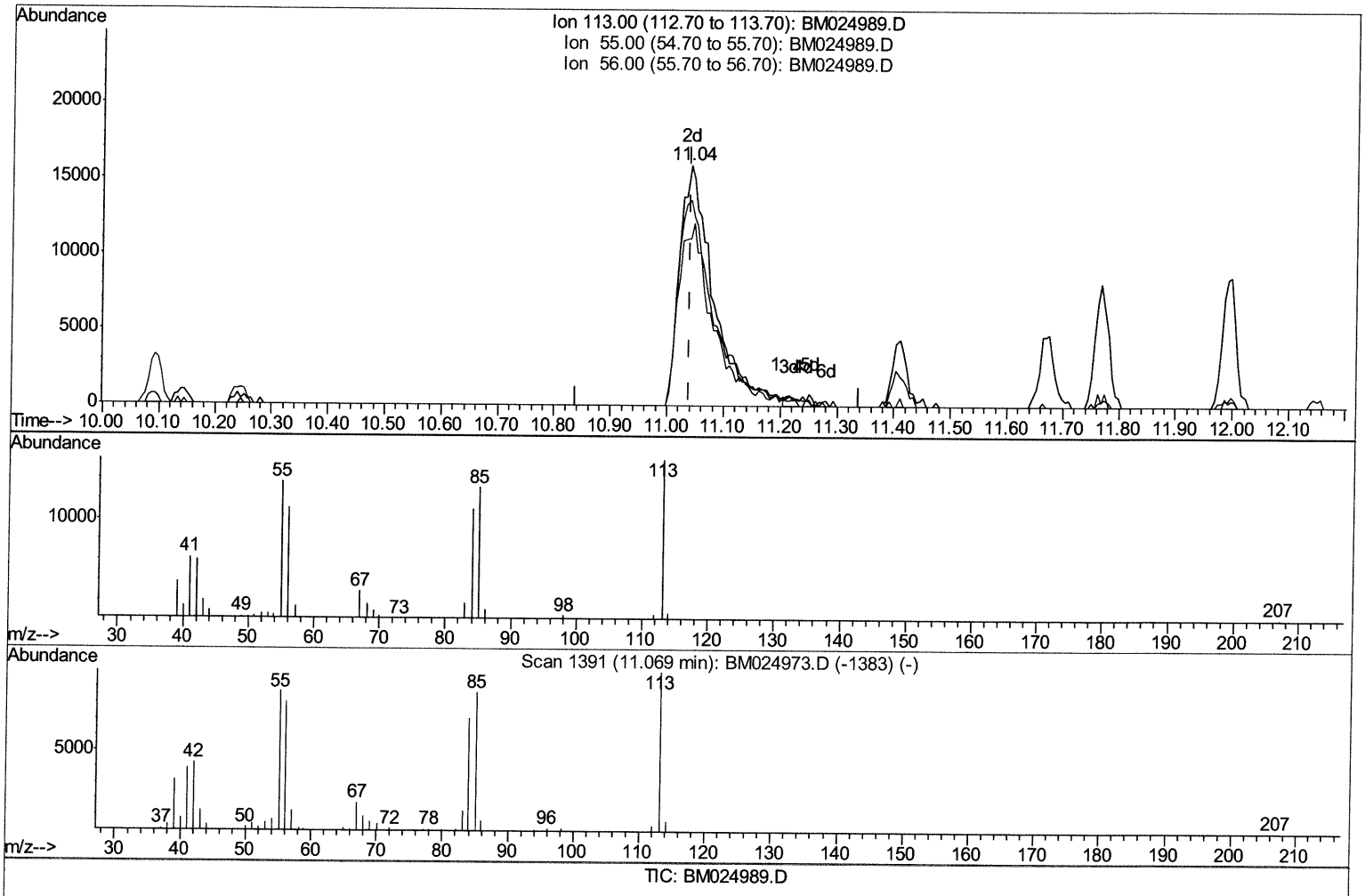

(32) Caprolactam

11.039min (0.000) 21.31ng/ul m JU 02/25/20

response 65925

Ion	Exp%	Act%
113.00	100	100
55.00	107.70	85.63#
56.00	89.90	69.65#
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	7.34	152	169987	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	693412	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	495844	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1183273	20.00	ng/ul	0.00
78) Chrysene-d12	20.97	240	1408755	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1588507	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	35342	10.00	ng/uL	0.00
5) Phenol-d5	6.54	99	248677	22.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	157651	24.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	214631	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	210137	22.05	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	106054m	21.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	116077	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	244319	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.24	131	250197	22.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	771224	20.61	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	933698	21.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	111061	18.26	ng/ul	0.00
58) Fluorene-d10	15.00	176	711122	21.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	138088	17.90	ng/ul	0.00
71) Anthracene-d10	16.85	188	1138167	21.07	ng/ul	0.00
79) Pyrene-d10	19.16	212	1374270	19.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	1681236	21.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	37248	9.995	ng/uL#	87
4) Benzaldehyde	6.50	77	101196	13.625	ng/ul	98
6) Phenol	6.57	94	263899	22.202	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.79	93	222053	23.136	ng/ul	97
10) 2-Chlorophenol	6.91	128	218198	21.154	ng/ul	97
11) 2-Methylphenol	7.79	108	200947	21.781	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.87	45	103465	13.708	ng/ul#	60
14) Acetophenone	8.15	105	328213	21.858	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.15	70	178171	25.105	ng/ul#	83
16) 4-Methylphenol	8.12	108	223161	22.403	ng/ul	99
17) Hexachloroethane	8.40	117	100741	21.660	ng/ul	91
20) Nitrobenzene	8.52	77	279075	23.441	ng/ul	92
21) Isophorone	9.05	82	491260	22.755	ng/ul#	93
23) 2-Nitrophenol	9.22	139	124678	19.551	ng/ul	93
24) 2,4-Dimethylphenol	9.30	107	254085	21.328	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.54	93	301373	22.255	ng/ul	96
27) 2,4-Dichlorophenol	9.76	162	237529	20.123	ng/ul	98
28) Naphthalene	10.14	128	754083	21.284	ng/ul	98
30) 4-Chloroaniline	10.26	127	249532	22.362	ng/ul	97
31) Hexachlorobutadiene	10.45	225	184267	18.794	ng/ul	99
32) Caprolactam	11.04	113	65925m	21.306	ng/ul	98
33) 4-Chloro-3-methylphenol	11.41	107	240045	21.918	ng/ul	98
34) 2-Methylnaphthalene	11.77	142	539081	20.656	ng/ul	98

JU 02/25/20

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LabSampleId : SSTD02008

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.99	142	559806	21.508 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	341090	19.453 ng/ul	98
38) Hexachlorocyclopentadiene	12.14	237	197516	15.974 ng/ul	99
39) 2,4,6-Trichlorophenol	12.41	196	207599	19.235 ng/ul	96
40) 2,4,5-Trichlorophenol	12.49	196	221174	19.606 ng/ul	97
41) 1,1'-Biphenyl	12.82	154	741194	20.249 ng/ul#	97
42) 2-Chloronaphthalene	12.85	162	619852	20.740 ng/ul	99
43) 2-Nitroaniline	13.07	65	135854	21.557 ng/ul	93
45) Dimethylphthalate	13.47	163	789234	20.213 ng/ul	99
46) 2,6-Dinitrotoluene	13.58	165	159924	20.255 ng/ul	91
48) Acenaphthylene	13.71	152	962740	21.264 ng/ul	99
49) 3-Nitroaniline	13.92	138	100292	16.864 ng/ul	85
50) Acenaphthene	14.06	153	646866	21.156 ng/ul	96
51) 2,4-Dinitrophenol	14.13	184	112493	23.387 ng/ul	98
53) 4-Nitrophenol	14.24	109	89590	18.037 ng/ul	92
54) Dibenzofuran	14.40	168	957549	21.009 ng/ul	98
55) 2,4-Dinitrotoluene	14.38	165	238581	21.173 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.64	232	223718	20.296 ng/ul#	98
57) Diethylphthalate	14.86	149	768122	19.882 ng/ul	99
59) Fluorene	15.06	166	787550	20.966 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.06	204	426470	19.718 ng/ul	99
61) 4-Nitroaniline	15.09	138	96973	13.167 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.15	198	146242	17.714 ng/ul	96
65) N-Nitrosodiphenylamine	15.28	169	672975	20.361 ng/ul	100
66) 4-Bromophenyl-phenylether	15.96	248	278414	18.778 ng/ul	98
67) Hexachlorobenzene	16.07	284	344681	19.670 ng/ul	98
68) Atrazine	16.25	200	266487	18.764 ng/ul	99
69) Pentachlorophenol	16.42	266	180491	17.214 ng/ul	99
70) Phenanthrene	16.79	178	1340540	20.778 ng/ul	99
72) Anthracene	16.89	178	1357612	20.748 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.77	216	346951	17.857 ng/uL	98
74) Pentachlorobenzene	14.33	250	369816	17.935 ng/uL	99
75) Carbazole	17.16	167	1101069	20.199 ng/ul	99
76) Di-n-butylphthalate	17.76	149	1284641	18.522 ng/ul	99
77) Fluoranthene	18.82	202	1665803	21.032 ng/ul#	96
80) Pyrene	19.19	202	1774519	19.030 ng/ul#	95
81) Butylbenzylphthalate	20.13	149	596754	17.109 ng/ul	92
82) 3,3'-Dichlorobenzidine	20.90	252	496432	15.075 ng/ul	99
83) Benzo(a)anthracene	20.96	228	1817938	19.158 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	884530	16.021 ng/ul	99
85) Chrysene	21.00	228	1784156	19.098 ng/ul	99
87) Di-n-octyl phthalate	21.77	149	1538293	16.205 ng/ul	100
88) Benzo(b)fluoranthene	22.44	252	2050216	20.297 ng/ul	98
89) Benzo(k)fluoranthene	22.48	252	2014408	20.719 ng/ul	99
91) Benzo(a)pyrene	22.96	252	1878484	20.743 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.06	276	2407760	21.356 ng/ul	98
93) Dibenzo(a,h)anthracene	25.07	278	2005794	20.881 ng/ul	98
94) Benzo(g,h,i)perylene	25.67	276	2055316	21.919 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