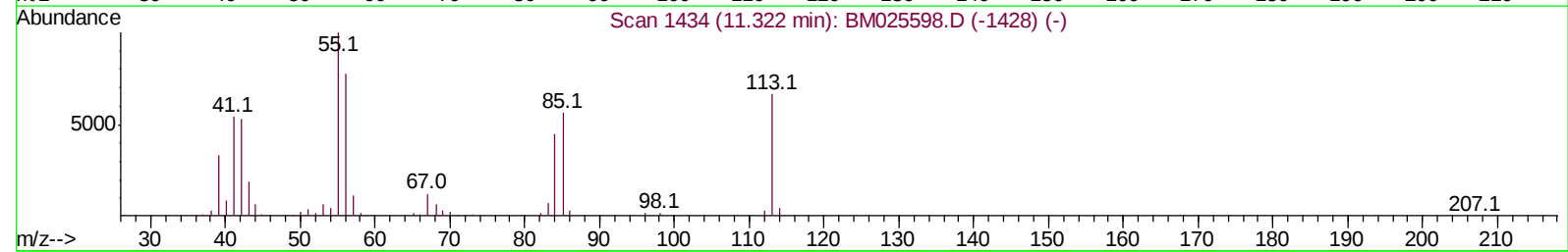
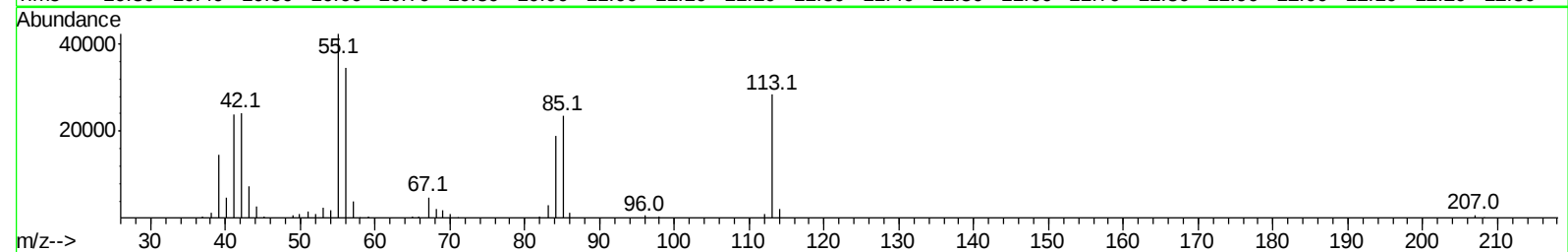
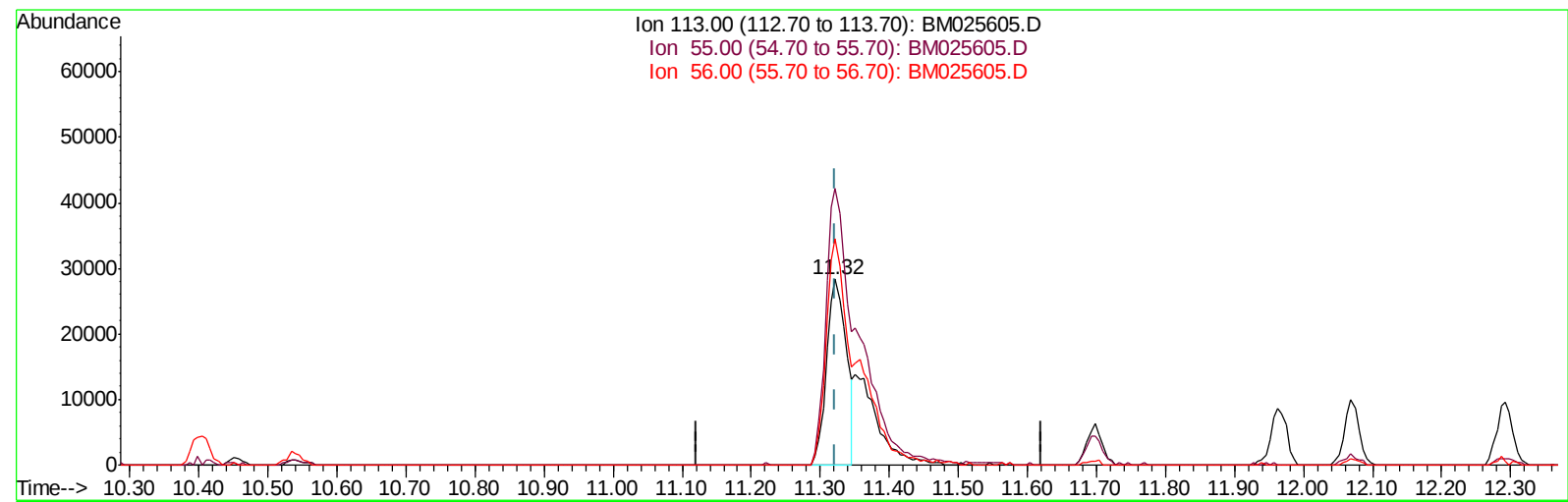


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025605.D
Acq On : 17 Mar 2020 07:16
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 17 08:06:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 17 07:33:38 2020
Response via : Initial Calibration



TIC: BM025605.D

(32) Caprolactam

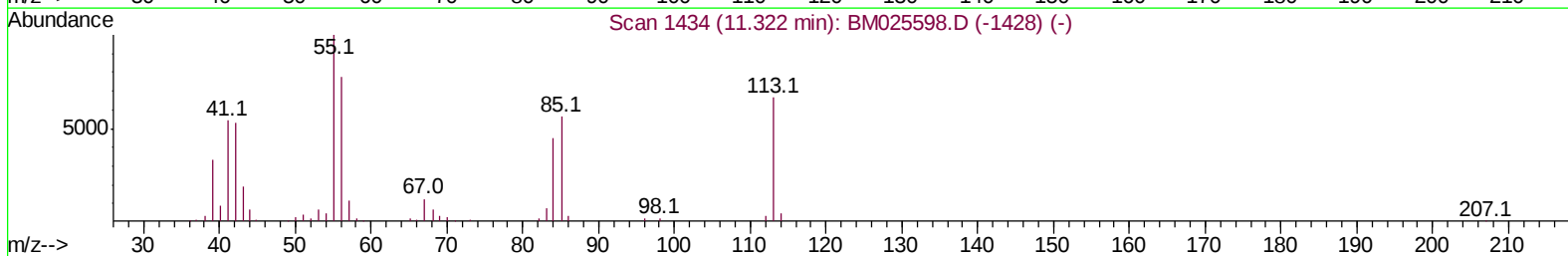
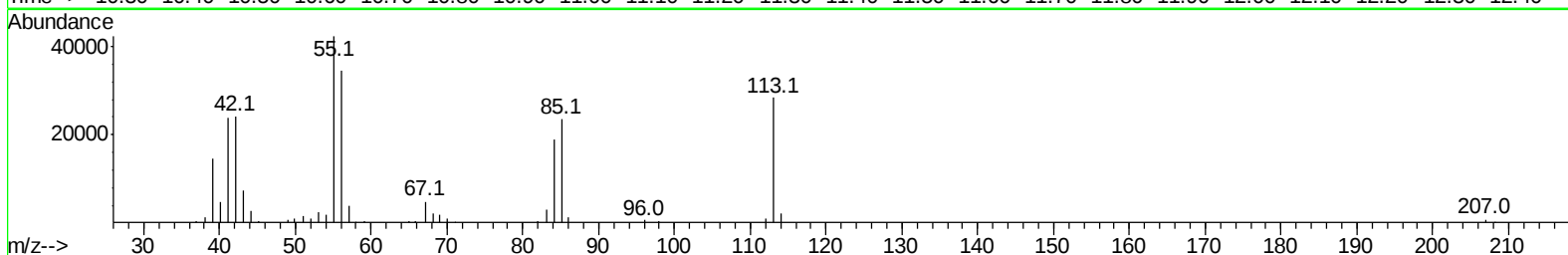
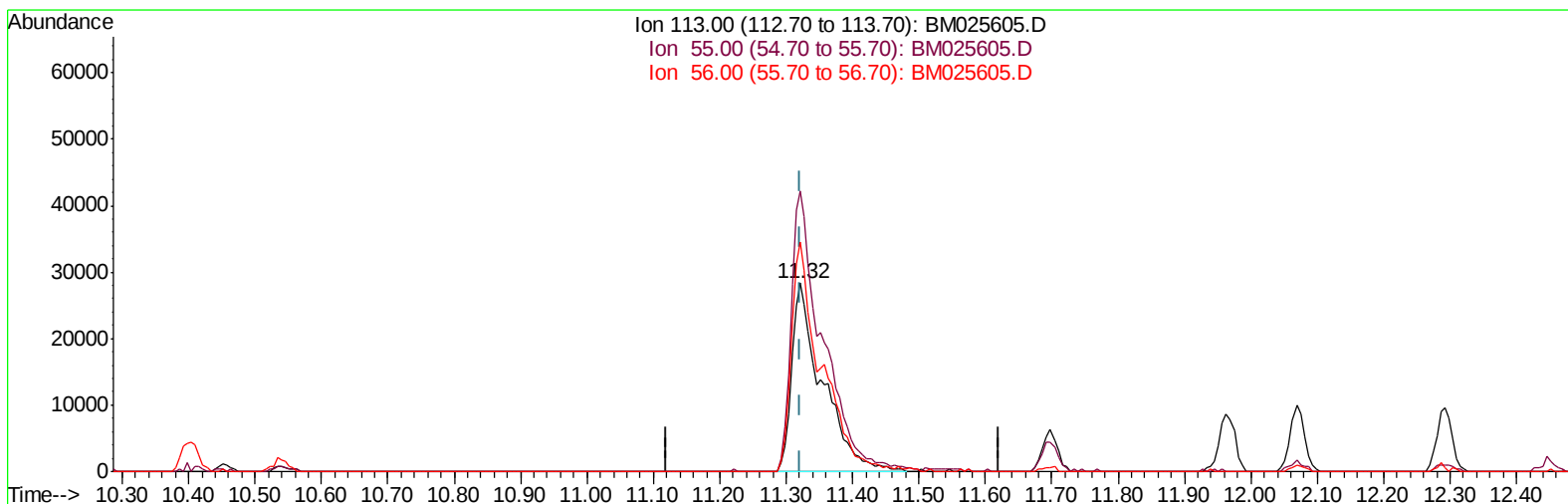
11.322min (+0.000) 13.51ng/ul

response 56695

Ion	Exp%	Act%
113.00	100	100
55.00	144.20	148.76
56.00	104.20	121.97
0.00	0.00	0.00

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TIC: BM025605.D

(32) Caprolactam

11.322min (+0.000) 21.42ng/ul m

response 89913

Ion	Exp%	Act%
113.00	100	100
55.00	144.20	148.76
56.00	104.20	121.97
0.00	0.00	0.00

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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	189860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	791622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	518178	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	1131704	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1144059	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	1328634	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	37259	8.23	ng/uL	0.00
5) Phenol-d5	6.82	99	314159	20.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	177907	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	260943	21.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	261412	21.23	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	129060	21.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	139591	22.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	279672	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	311593	20.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	822407	20.88	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1001231	21.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	150581	20.08	ng/ul	0.00
58) Fluorene-d10	15.26	176	717892	20.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	80214	11.62	ng/ul	0.00
71) Anthracene-d10	17.11	188	1109922	21.00	ng/ul	0.00
79) Pyrene-d10	19.40	212	1201029	21.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	1430237	21.03	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	40746	8.362	ng/uL 93
4) Benzaldehyde	6.79	77	118059	14.876	ng/ul 97
6) Phenol	6.85	94	326895	20.891	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.07	93	257977	20.819	ng/ul 98
10) 2-Chlorophenol	7.21	128	273267	21.346	ng/ul 100
11) 2-Methylphenol	8.08	108	248375	20.745	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.17	45	349417	21.134	ng/ul 97
14) Acetophenone	8.45	105	398215	20.969	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.44	70	203624	21.403	ng/ul 99
16) 4-Methylphenol	8.40	108	274723	21.018	ng/ul 100
17) Hexachloroethane	8.70	117	112067	21.057	ng/ul 97
20) Nitrobenzene	8.82	77	305046	21.281	ng/ul 98
21) Isophorone	9.35	82	568753	21.486	ng/ul 99
23) 2-Nitrophenol	9.52	139	153882	21.905	ng/ul 99
24) 2,4-Dimethylphenol	9.60	107	303656	21.316	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.83	93	358511	21.131	ng/ul 99
27) 2,4-Dichlorophenol	10.06	162	277245	21.846	ng/ul 99
28) Naphthalene	10.45	128	907555	21.051	ng/ul 99
30) 4-Chloroaniline	10.56	127	309680	20.548	ng/ul 97
31) Hexachlorobutadiene	10.75	225	171408	20.673	ng/ul 99
32) Caprolactam	11.32	113	89913m	21.424	ng/ul
33) 4-Chloro-3-methylphenol	11.70	107	291105	22.065	ng/ul 97
34) 2-Methylnaphthalene	12.07	142	649618	21.096	ng/ul 98

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

35) 1-Methylnaphthalene	12.29	142	645930	21.034	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	339933	20.742	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	198363	17.735	ng/ul	97
39) 2,4,6-Trichlorophenol	12.69	196	221548	21.263	ng/ul	98
40) 2,4,5-Trichlorophenol	12.76	196	240133	21.173	ng/ul	97
41) 1,1'-Biphenyl	13.10	154	860107	20.774	ng/ul	99
42) 2-Chloronaphthalene	13.13	162	672014	20.608	ng/ul	99
43) 2-Nitroaniline	13.34	65	179930	22.077	ng/ul	98
45) Dimethylphthalate	13.73	163	859146	20.958	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	176336	21.870	ng/ul	97
48) Acenaphthylene	13.99	152	1072056	20.979	ng/ul	100
49) 3-Nitroaniline	14.17	138	143319	19.703	ng/ul	95
50) Acenaphthene	14.33	153	726069	20.901	ng/ul	100
51) 2,4-Dinitrophenol	14.38	184	20889	4.318	ng/ul#	89
53) 4-Nitrophenol	14.49	109	117362	20.024	ng/ul	98
54) Dibenzofuran	14.67	168	1021816	20.735	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	252806	21.446	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.90	232	206710	20.109	ng/ul	97
57) Diethylphthalate	15.11	149	862900	20.536	ng/ul	99
59) Fluorene	15.32	166	862375	20.804	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	432509	20.387	ng/ul	99
61) 4-Nitroaniline	15.33	138	181221	20.937	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	84995	11.256	ng/ul	95
65) N-Nitrosodiphenylamine	15.53	169	735653	21.036	ng/ul	98
66) 4-Bromophenyl-phenylether	16.21	248	289207	20.722	ng/ul	99
67) Hexachlorobenzene	16.33	284	348437	20.333	ng/ul	99
68) Atrazine	16.49	200	270403	20.501	ng/ul	98
69) Pentachlorophenol	16.67	266	110208	11.012	ng/ul	98
70) Phenanthrene	17.06	178	1378190	20.689	ng/ul	99
72) Anthracene	17.14	178	1422451	20.953	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	359465	20.729	ng/uL	99
74) Pentachlorobenzene	14.59	250	398173	20.627	ng/uL	99
75) Carbazole	17.42	167	1217821	20.526	ng/ul	99
76) Di-n-butylphthalate	18.00	149	1491669	21.534	ng/ul	99
77) Fluoranthene	19.07	202	1604796	20.438	ng/ul	99
80) Pvrene	19.43	202	1643990	21.396	ng/ul	97
81) Butylbenzylphthalate	20.36	149	664101	22.694	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.13	252	381737	14.685	ng/ul	97
83) Benzo(a)anthracene	21.19	228	1618117	21.453	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1015928	22.381	ng/ul	99
85) Chrysene	21.24	228	1552012	20.972	ng/ul	100
87) Di-n-octyl phthalate	22.01	149	1695185	21.293	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	1773858	21.398	ng/ul	99
89) Benzo(k)fluoranthene	22.78	252	1689254	20.685	ng/ul	99
91) Benzo(a)pyrene	23.29	252	1595494	21.149	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.54	276	2046222	20.538	ng/ul	99
93) Dibenzo(a,h)anthracene	25.56	278	1723483	20.429	ng/ul	99
94) Benzo(a,h,i)perylene	26.20	276	1685088	20.522	ng/ul	99

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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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