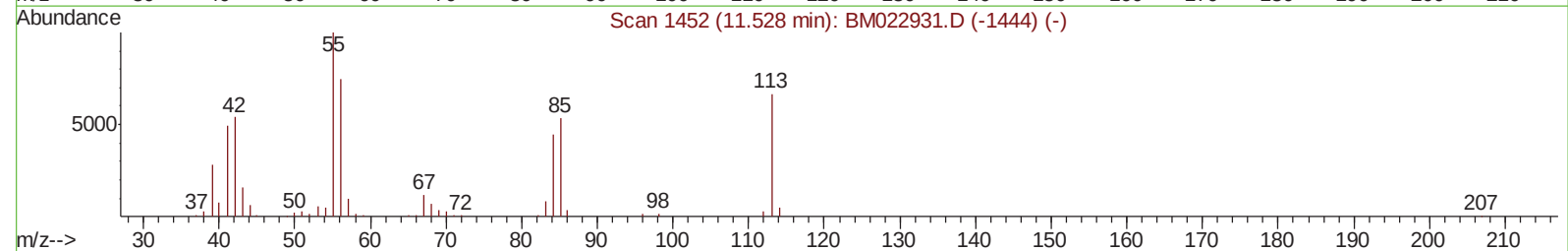
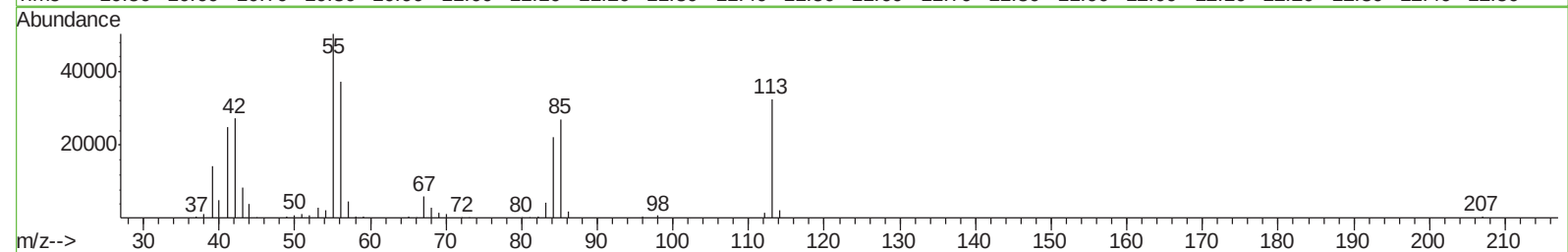
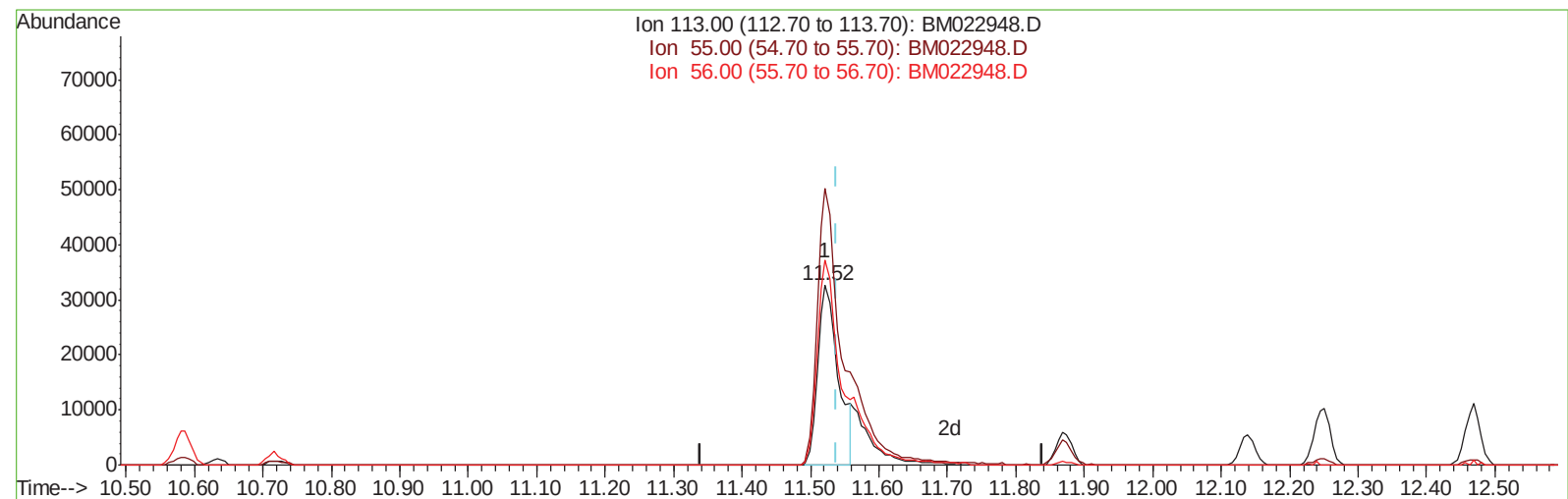


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100319\
Data File : BM022948.D
Acq On : 04 Oct 2019 09:03
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 04 09:50:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration



TIC: BM022948.D

(32) Caprolactam

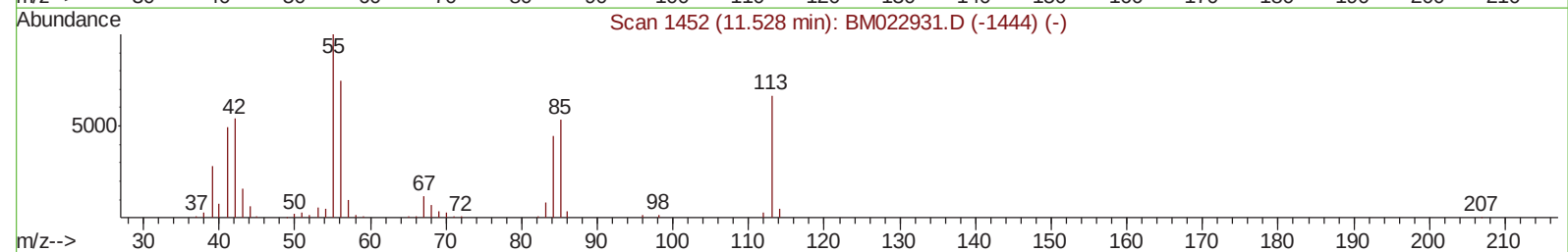
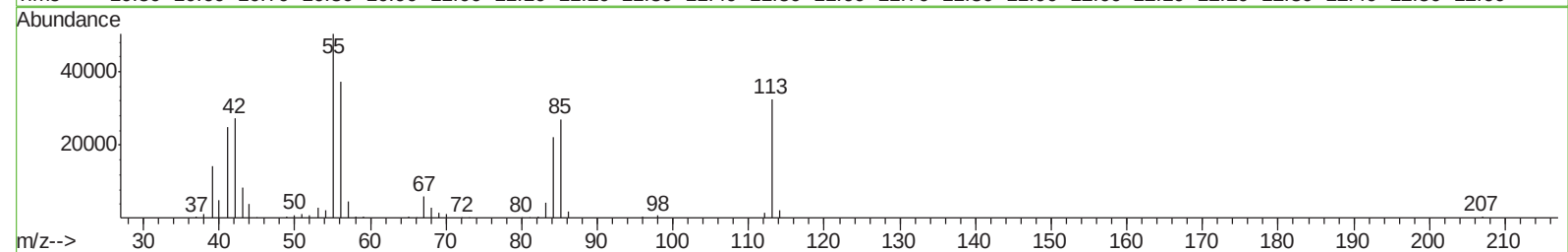
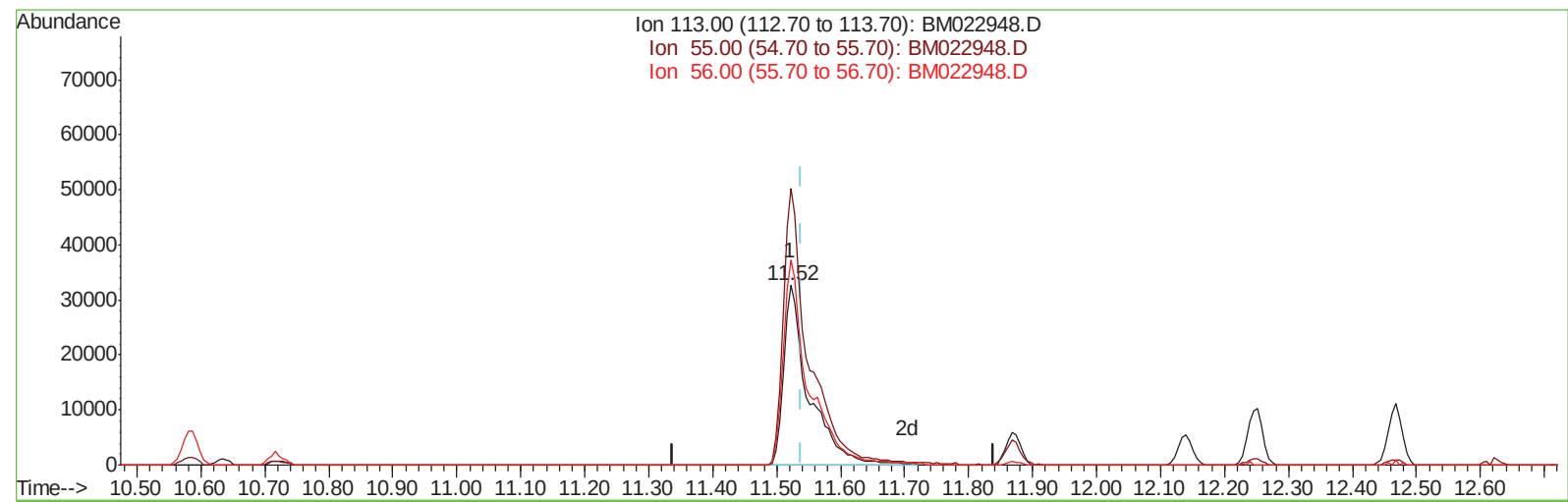
11.522min (-0.018) 12.67ng/ul

response 72673

Ion	Exp%	Act%
113.00	100	100
55.00	150.70	155.96
56.00	114.30	116.73
0.00	0.00	0.00

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TIC: BM022948.D

(32) Caprolactam

11.522min (-0.018) 15.50ng/ul m

response 88899

Ion	Exp%	Act%
113.00	100	100
55.00	150.70	153.98
56.00	114.30	113.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100319\
 Data File : BM022948.D
 Acq On : 04 Oct 2019 09:03
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 04 09:52:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Sep 27 18:03:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	246732	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	1043174	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	615956	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1124810	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	862362	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	983733	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	44563	7.81	ng/uL	0.00
5) Phenol-d5	6.96	99	404702	18.57	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	224557	18.82	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	332329	18.93	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	323290	18.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	158808	19.73	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	172111	19.58	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	339056	19.37	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	381445	17.94	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	902550	18.88	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1089575	19.74	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	148657	15.74	ng/ul	-0.01
58) Fluorene-d10	15.42	176	752624	18.47	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	114552	15.65	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1065397	19.40	ng/ul	-0.02
79) Pyrene-d10	19.56	212	995194	21.44	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	962723	18.92	ng/ul	-0.03

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.30	88	43617	7.729	ng/uL 99
4) Benzaldehyde	6.94	77	156310	15.821	ng/ul 99
6) Phenol	6.99	94	423549	18.533	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.22	93	322702	18.670	ng/ul 100
10) 2-Chlorophenol	7.36	128	354469	18.823	ng/ul 99
11) 2-Methylphenol	8.24	108	323521	18.367	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	442161	19.348	ng/ul 99
14) Acetophenone	8.62	105	502042	18.400	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.60	70	256742	18.320	ng/ul 99
16) 4-Methylphenol	8.56	108	355342	18.245	ng/ul 97
17) Hexachloroethane	8.87	117	137285	19.184	ng/ul 98
20) Nitrobenzene	8.99	77	365114	19.427	ng/ul 99
21) Isophorone	9.52	82	702749	18.981	ng/ul 99
23) 2-Nitrophenol	9.70	139	196531	19.546	ng/ul 99
24) 2,4-Dimethylphenol	9.76	107	374970	19.154	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.00	93	445943	18.885	ng/ul 100
27) 2,4-Dichlorophenol	10.23	162	340090	19.196	ng/ul 98
28) Naphthalene	10.63	128	1086498	19.285	ng/ul 100
30) 4-Chloroaniline	10.74	127	403349	18.009	ng/ul 100
31) Hexachlorobutadiene	10.93	225	206043	19.222	ng/ul 99
32) Caprolactam	11.52	113	88899m	15.498	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	337531	18.505	ng/ul 98
34) 2-Methylnaphthalene	12.25	142	787776	18.650	ng/ul 100

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Quant Title : SVOA CALIBRATION

QLast Update : Fri Sep 27 18:03:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
35) 1-Methylnaphthalene	12.47	142	752080	18.642	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	408584	20.218	ng/ul	99
38) Hexachlorocyclopentadiene	12.60	237	197572	15.598	ng/ul	99
39) 2,4,6-Trichlorophenol	12.86	196	264227	19.713	ng/ul	98
40) 2,4,5-Trichlorophenol	12.93	196	282797	19.345	ng/ul	99
41) 1,1'-Biphenyl	13.26	154	992593	19.681	ng/ul	99
42) 2-Chloronaphthalene	13.30	162	760174	19.715	ng/ul	100
43) 2-Nitroaniline	13.50	65	198640	19.865	ng/ul	98
45) Dimethylphthalate	13.89	163	927320	18.883	ng/ul	99
46) 2,6-Dinitrotoluene	14.00	165	185882	18.984	ng/ul	98
48) Acenaphthylene	14.15	152	1156881	19.416	ng/ul	100
49) 3-Nitroaniline	14.33	138	169504	17.847	ng/ul	98
50) Acenaphthene	14.49	153	797277	19.208	ng/ul	99
51) 2,4-Dinitrophenol	14.54	184	73816	11.812	ng/ul	98
53) 4-Nitrophenol	14.64	109	109035	15.795	ng/ul	97
54) Dibenzofuran	14.83	168	1116916	18.841	ng/ul	100
55) 2,4-Dinitrotoluene	14.79	165	261589	18.107	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.06	232	233854	18.182	ng/ul	98
57) Diethylphthalate	15.25	149	914577	18.550	ng/ul	99
59) Fluorene	15.48	166	892928	18.639	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.47	204	450293	18.544	ng/ul	98
61) 4-Nitroaniline	15.49	138	174898	16.301	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.56	198	128774	15.731	ng/ul	97
65) N-Nitrosodiphenylamine	15.69	169	766836	20.742	ng/ul	99
66) 4-Bromophenyl-phenylether	16.36	248	282285	20.803	ng/ul	99
67) Hexachlorobenzene	16.48	284	308309	20.378	ng/ul	99
68) Atrazine	16.63	200	267049	19.757	ng/ul	100
69) Pentachlorophenol	16.82	266	169005	17.219	ng/ul	99
70) Phenanthrene	17.21	178	1294746	19.287	ng/ul	99
72) Anthracene	17.30	178	1324446	19.363	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	399020	22.731	ng/uL	99
74) Pentachlorobenzene	14.75	250	385317	21.991	ng/uL	100
75) Carbazole	17.57	167	1133489	18.645	ng/ul	99
76) Di-n-butylphthalate	18.14	149	1392564	19.428	ng/ul	100
77) Fluoranthene	19.23	202	1337805	17.719	ng/ul	100
80) Pvrene	19.59	202	1320185	21.596	ng/ul	99
81) Butylbenzylphthalate	20.49	149	531772	21.151	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.27	252	354282	18.035	ng/ul	100
83) Benzo(a)anthracene	21.34	228	1196785	19.330	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	752645	21.070	ng/ul	99
85) Chrysene	21.39	228	1102303	19.310	ng/ul	100
87) Di-n-octyl phthalate	22.15	149	1180614	17.647	ng/ul	100
88) Benzo(b)fluoranthene	22.93	252	1221442	18.710	ng/ul	100
89) Benzo(k)fluoranthene	22.97	252	1106760	17.720	ng/ul	100
91) Benzo(a)pyrene	23.51	252	1156121	18.876	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.90	276	1430357	21.987	ng/ul	99
93) Dibenzo(a,h)anthracene	25.91	278	1192240	21.908	ng/ul	99
94) Benzo(g,h,i)perylene	26.61	276	1195102	22.771	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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