

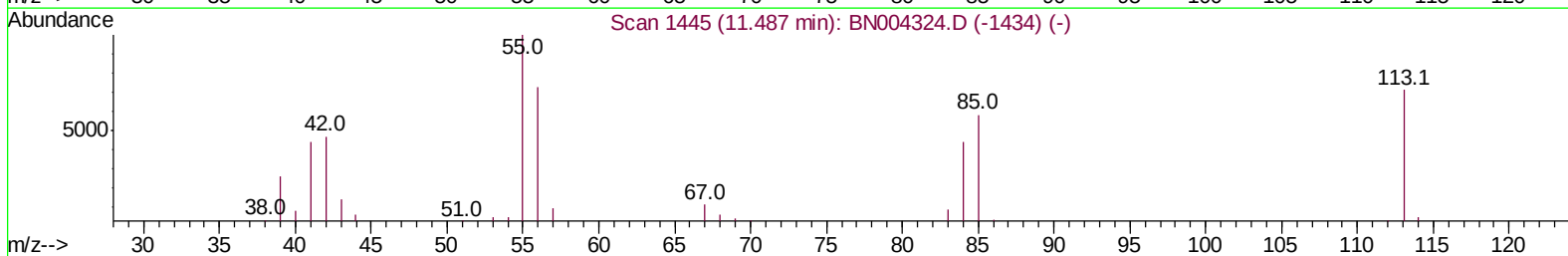
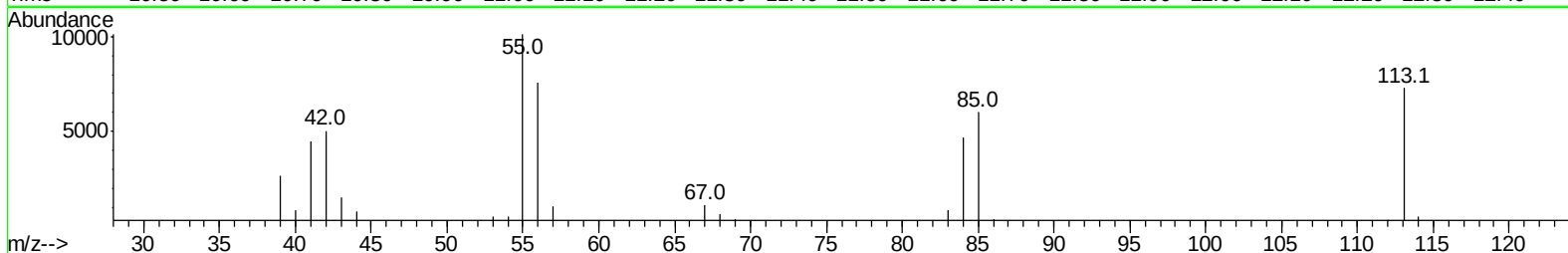
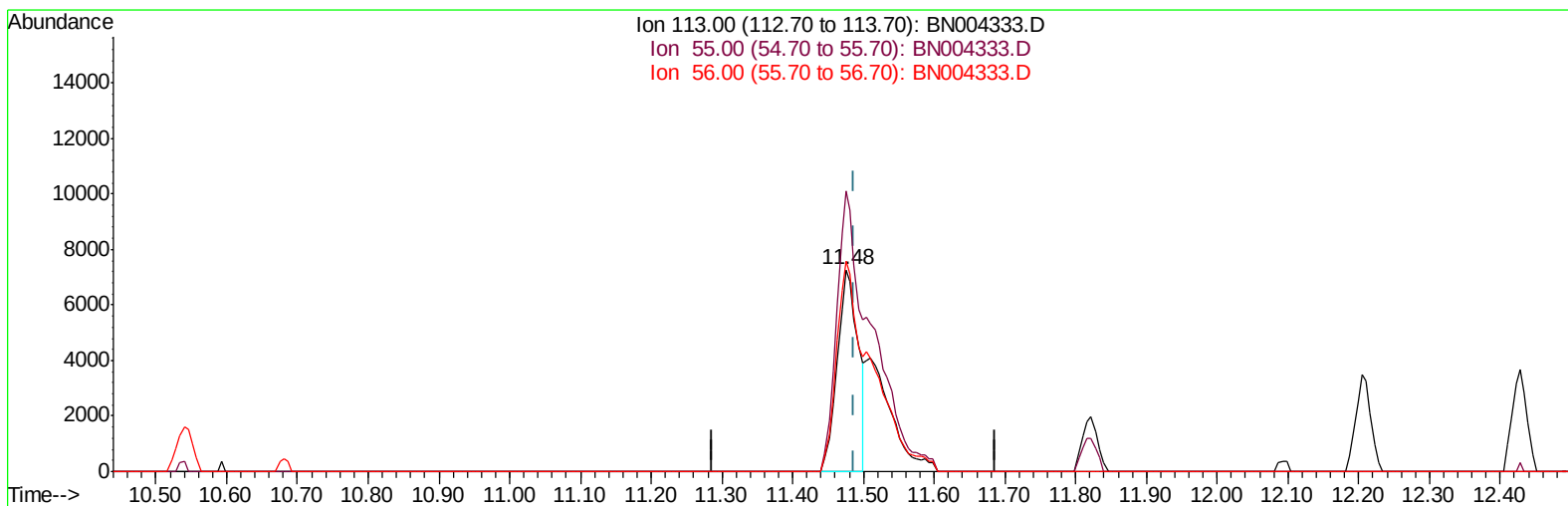
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN011519\
Data File : BN004333.D
Acq On : 15 Jan 2019 13:51
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTD02064

Manual Integrations
APPROVED

Sohil
1/16/2019 4:06:10 PM

Quant Time: Jan 16 00:08:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN010919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 09 12:45:02 2019
Response via : Initial Calibration



TIC: BN004333.D

(32) Caprolactam

11.475min (-0.012) 10.86ng/ul

response 14806

Ion	Exp%	Act%
113.00	100	100
55.00	140.60	139.08
56.00	102.60	104.22
0.00	0.00	0.00

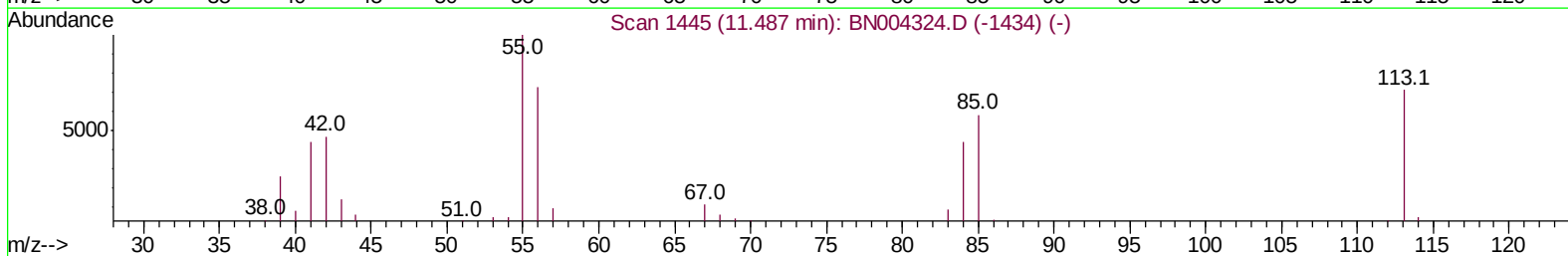
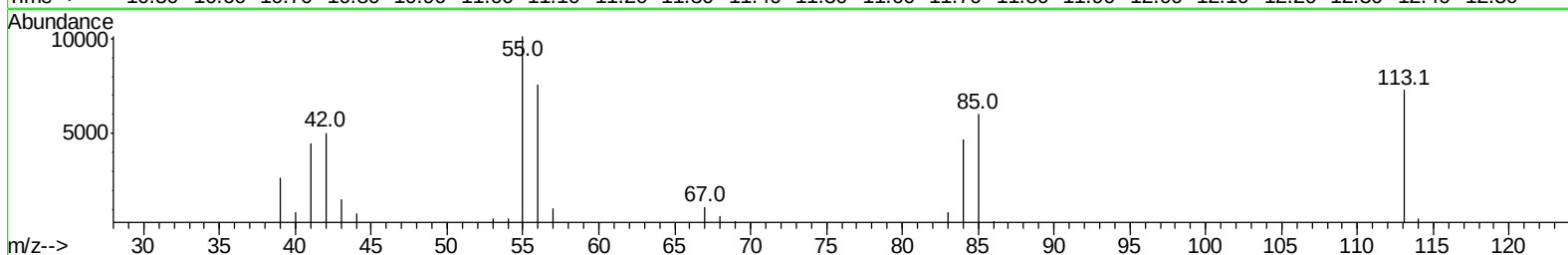
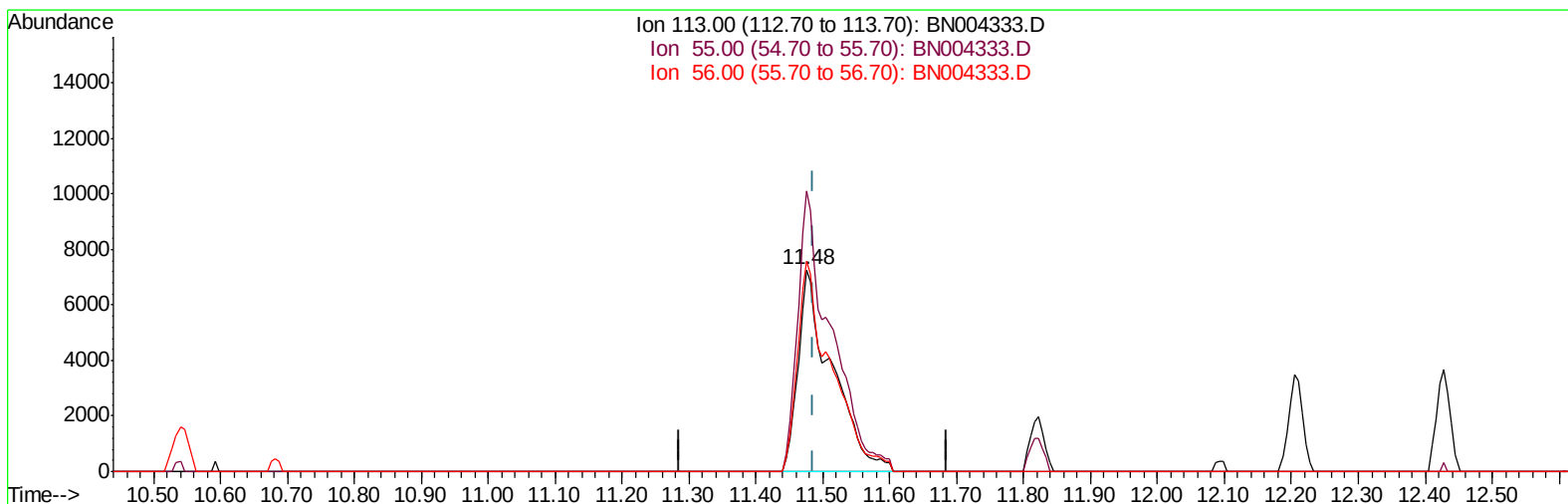
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TIC: BN004333.D

(32) Caprolactam

11.475min (-0.012) 18.58ng/ul m

response 25333

Ion	Exp%	Act%
113.00	100	100
55.00	140.60	139.08
56.00	102.60	104.22
0.00	0.00	0.00

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Quant Time: Jan 16 00:24:45 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 09 12:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	69202	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.54	136	294482	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.40	164	170988	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	392853	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	429514	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	402972	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	11454	8.29	ng/uL	0.00
5) Phenol-d5	6.91	99	111165	19.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	60870	20.30	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	98304	20.01	ng/ul	-0.01
13) 4-Methylphenol-d8	8.45	113	90171	19.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	42188	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	43147	20.48	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	96089	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	88647	21.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	296616	20.30	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	368107	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	51187	19.49	ng/ul	0.00
57) Fluorene-d10	15.39	176	255502	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	42351	18.78	ng/ul	0.00
70) Anthracene-d10	17.25	188	393643	20.65	ng/ul	0.00
78) Pyrene-d10	19.55	212	444825	21.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	444374	20.58	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	12663	8.253	ng/uL 98
4) Benzaldehyde	6.90	77	19050	20.011	ng/ul 97
6) Phenol	6.93	94	111438	20.142	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.19	93	85195	20.301	ng/ul 98
10) 2-Chlorophenol	7.31	128	97988	20.186	ng/ul 99
11) 2-Methylphenol	8.18	108	86511	19.720	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.28	45	104618	20.577	ng/ul 98
14) Acetophenone	8.58	105	137834	20.285	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.56	70	60755	20.150	ng/ul 98
16) 4-Methylphenol	8.51	108	93217	20.048	ng/ul 98
17) Hexachloroethane	8.82	117	36842	19.882	ng/ul 94
20) Nitrobenzene	8.96	77	91471	21.009	ng/ul 98
21) Isophorone	9.48	82	179118	19.982	ng/ul 99
23) 2-Nitrophenol	9.66	139	49476	21.137	ng/ul 98
24) 2,4-Dimethylphenol	9.71	107	105406	20.493	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.96	93	115758	20.868	ng/ul 99
27) 2,4-Dichlorophenol	10.18	162	93699	20.532	ng/ul 98
28) Naphthalene	10.59	128	313667	20.464	ng/ul 99
30) 4-Chloroaniline	10.70	127	90847	21.633	ng/ul 100
31) Hexachlorobutadiene	10.86	225	63532	20.267	ng/ul 100
32) Caprolactam	11.48	113	25333m	18.581	ng/ul
33) 4-Chloro-3-methylphenol	11.82	107	96712	20.607	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	227485	20.506	ng/ul 98

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Manual Integrations
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Sohil
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Quant Time: Jan 16 00:24:45 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 09 12:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	122520	20.408	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	73032	19.685	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	74678	20.686	ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	82139	20.884	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	292352	20.554	ng/ul	100
41) 2-Chloronaphthalene	13.27	162	229392	20.709	ng/ul	100
42) 2-Nitroaniline	13.48	65	47943	21.612	ng/ul	99
44) Dimethylphthalate	13.86	163	291889	20.560	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	54675	21.649	ng/ul	97
47) Acenaphthylene	14.12	152	344055	20.610	ng/ul	100
48) 3-Nitroaniline	14.31	138	51826	21.146	ng/ul	100
49) Acenaphthene	14.46	153	241926	20.428	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	24692	16.951	ng/ul	95
52) 4-Nitrophenol	14.60	109	38098	19.369	ng/ul	97
53) Dibenzofuran	14.80	168	342316	20.411	ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	80841	21.688	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	71654	20.382	ng/ul	100
56) Diethylphthalate	15.22	149	288677	20.084	ng/ul	99
58) Fluorene	15.45	166	274518	20.475	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	146506	20.753	ng/ul	100
60) 4-Nitroaniline	15.47	138	59195	20.331	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	45629	19.329	ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	242413	21.057	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	93616	20.896	ng/ul	99
66) Hexachlorobenzene	16.44	284	106163	20.705	ng/ul	96
67) Atrazine	16.61	200	87072	20.421	ng/ul	99
68) Pentachlorophenol	16.79	266	59068	19.026	ng/ul	99
69) Phenanthrene	17.19	178	451542	20.771	ng/ul	100
71) Anthracene	17.28	178	452336	20.762	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	120975	20.951	ng/ul	99
73) Pentachlorobenzene	14.70	250	121869	21.006	ng/ul	99
74) Carbazole	17.55	167	403840	21.335	ng/ul	99
75) Di-n-butylphthalate	18.12	149	475458	20.815	ng/ul	100
76) Fluoranthene	19.21	202	539172	21.182	ng/ul	99
79) Pvrene	19.58	202	547088	21.294	ng/ul	100
80) Butylbenzylphthalate	20.49	149	206979	21.771	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.27	252	175153	20.310	ng/ul	100
82) Benzo(a)anthracene	21.33	228	547893	20.402	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	305024	21.402	ng/ul	98
84) Chrysene	21.39	228	515205	20.499	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	482326	20.488	ng/ul	99
87) Benzo(b)fluoranthene	22.95	252	532092	21.581	ng/ul	99
88) Benzo(k)fluoranthene	22.99	252	491770	20.741	ng/ul	99
90) Benzo(a)pyrene	23.53	252	481258	20.565	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.94	276	510227	18.886	ng/ul	99
92) Dibenzo(a,h)anthracene	25.96	278	423014	19.029	ng/ul	100
93) Benzo(g,h,i)perylene	26.64	276	411677	18.350	ng/ul	100

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

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