

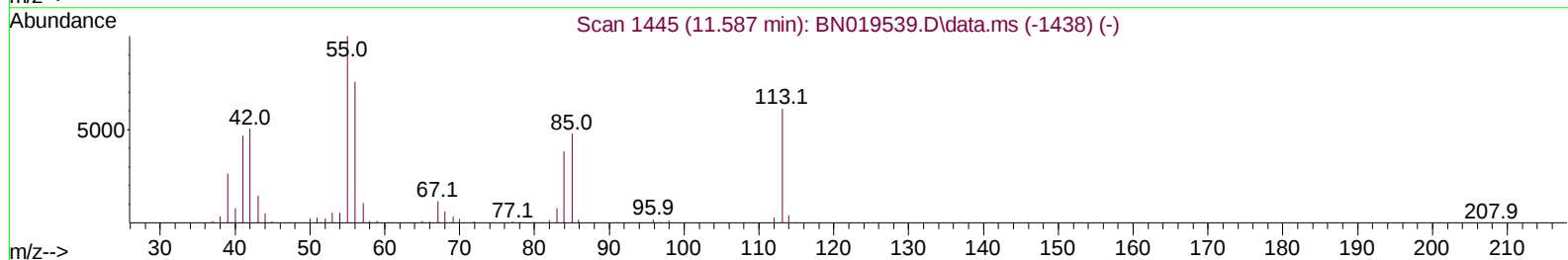
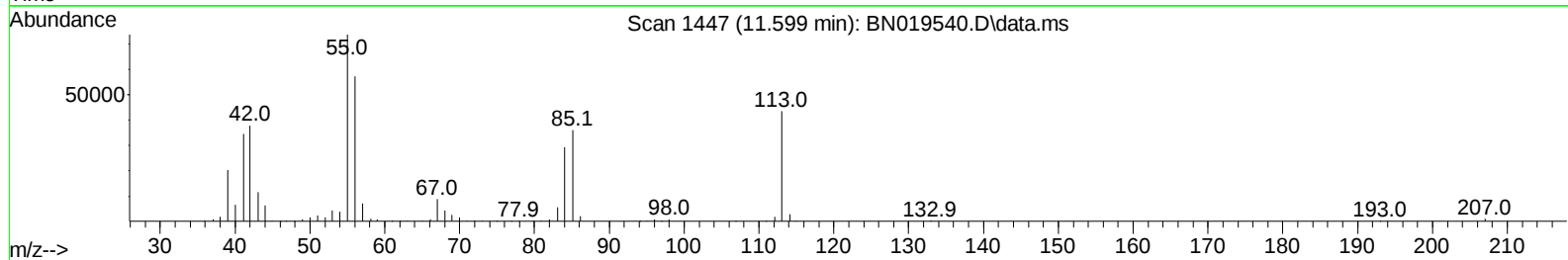
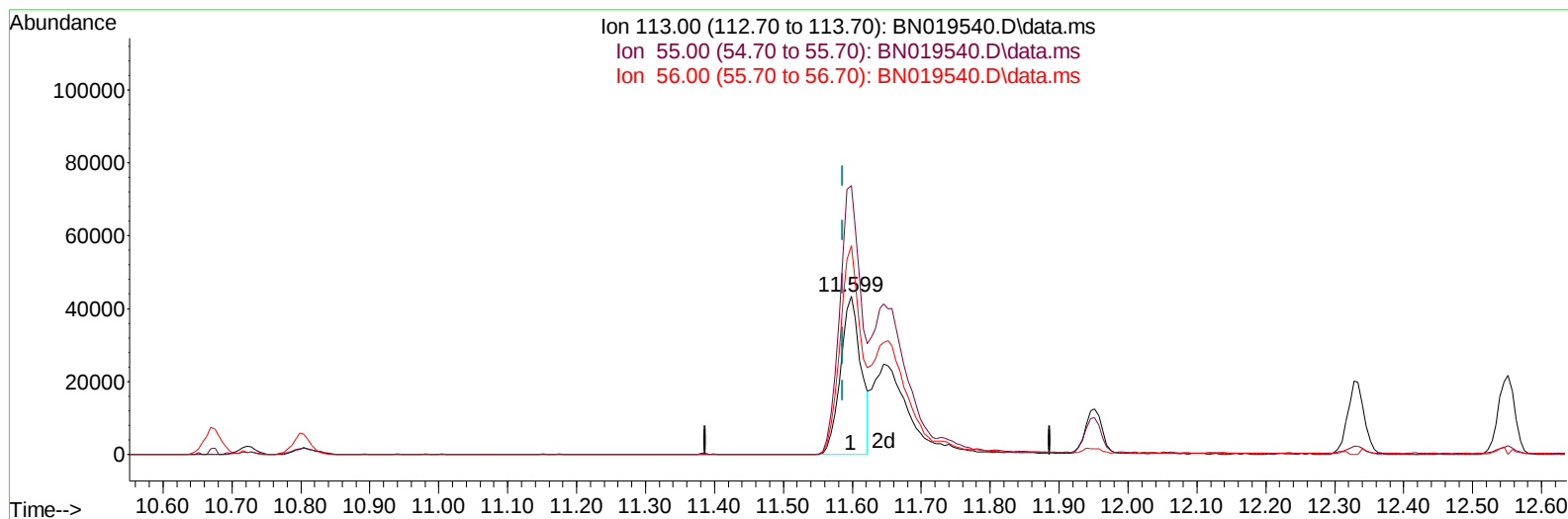
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042722\
Data File : BN019540.D
Acq On : 27 Apr 2022 11:27
Operator : CG/JU
Sample : SST04013
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SST040213

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 27 12:51:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 27 12:47:24 2022
Response via : Initial Calibration



TIC: BN019540.D\data.ms

(34) Caprolactam

11.599min (+ 0.012) 17.23 ng/ul

response 89655

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	169.64
56.00	133.10	131.63
0.00	0.00	0.00

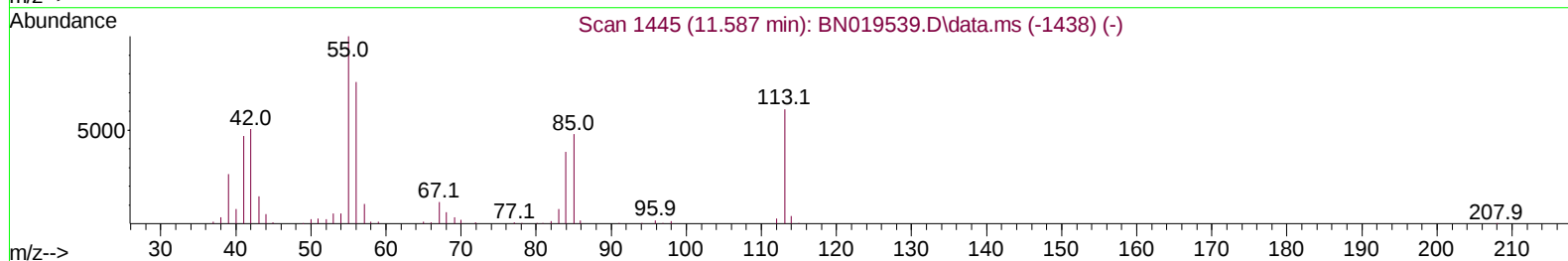
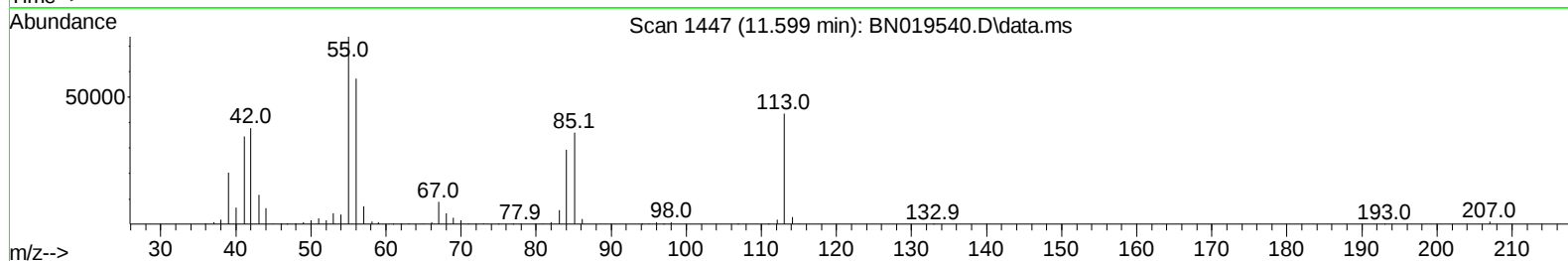
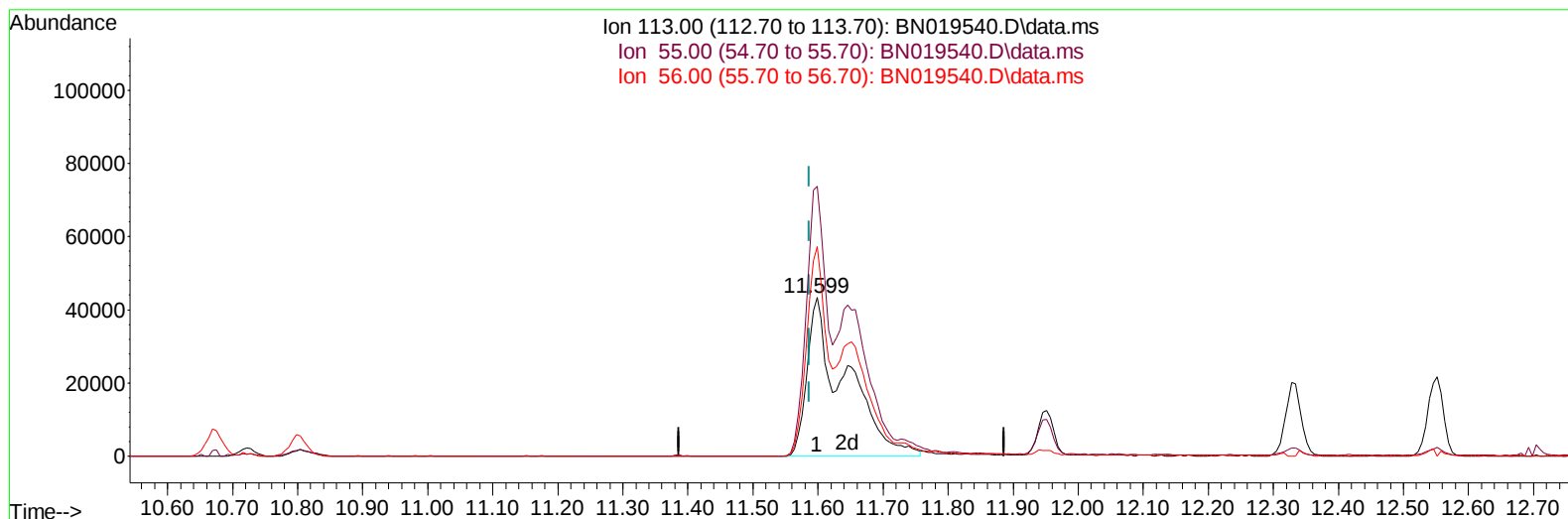
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TIC: BN019540.D\data.ms

(34) Caprolactam

11.599min (+ 0.012) 33.95 ng/ul m

response 176600

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	169.64
56.00	133.10	131.63
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	249955	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1029671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	579239	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1086029	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	963292	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	1023010	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	103465	17.257	ng/uL	0.00
4) Pyridine-d5	3.758	84	670807	42.085	ng/ul	0.00
7) Phenol-d5	7.040	99	862417	40.247	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	500854	37.627	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	707693	43.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	667652	38.851	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	325653	41.376	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	339128	38.792	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	616413	38.792	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	894413	40.835	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1630909	38.163	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2154788	40.856	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	325320	41.469	ng/ul	0.00
60) Fluorene-d10	15.492	176	1380613	38.614	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	245156	36.780	ng/ul	0.00
73) Anthracene-d10	17.339	188	2027437	40.283	ng/ul	0.00
81) Pyrene-d10	19.628	212	2200526	36.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	2094059	40.134	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	105655	17.565	ng/uL	94
5) Pyridine	3.775	79	706702	42.223	ng/ul	98
6) Benzaldehyde	7.016	77	503758	43.883	ng/ul	93
8) Phenol	7.069	94	865752	40.160	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	675156	39.160	ng/ul	99
12) 2-Chlorophenol	7.446	128	713958	42.699	ng/ul	99
13) 2-Methylphenol	8.316	108	651086	40.259	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	966328	38.366	ng/ul	99
16) Acetophenone	8.699	105	1001554	39.066	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.699	70	486899	35.792	ng/ul	98
18) 4-Methylphenol	8.652	108	697297	39.683	ng/ul	97
19) Hexachloroethane	8.963	117	287688	41.284	ng/ul	87
22) Nitrobenzene	9.075	77	727136	37.457	ng/ul	96
23) Isophorone	9.610	82	1349062	36.590	ng/ul	98
25) 2-Nitrophenol	9.787	139	369751	40.724	ng/ul	95
26) 2,4-Dimethylphenol	9.852	107	751596	39.096	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.087	93	843544	37.157	ng/ul	97
29) 2,4-Dichlorophenol	10.316	162	605218	38.668	ng/ul	97
30) Naphthalene	10.722	128	2156986	41.264	ng/ul	99
32) 4-Chloroaniline	10.828	127	893107	40.884	ng/ul	99
33) Hexachlorobutadiene	11.022	225	349104	33.606	ng/ul	97
34) Caprolactam	11.599	113	176600m	33.945	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	663602	37.630	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	1400827	39.025	ng/ul	99
37) 1-Methylnaphthalene	12.551	142	1396257	38.437	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.698	216	633458	36.935	ng/ul	97
40) Hexachlorocyclopentadiene	12.687	237	398517	40.356	ng/ul	94
41) 2,4,6-Trichlorophenol	12.934	196	430972	39.792	ng/ul	94
42) 2,4,5-Trichlorophenol	13.004	196	464241	38.745	ng/ul	97
43) 1,1'-Biphenyl	13.340	154	1804622	42.130	ng/ul	100
44) 2-Chloronaphthalene	13.381	162	1357035	41.071	ng/ul	96
45) 2-Nitroaniline	13.575	65	397258	39.599	ng/ul	93
47) Dimethylphthalate	13.963	163	1585134	37.964	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	323578	39.243	ng/ul	96
50) Acenaphthylene	14.222	152	2203332	41.906	ng/ul	100
51) 3-Nitroaniline	14.398	138	354111	41.681	ng/ul	99
52) Acenaphthene	14.563	153	1420528	41.854	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	161815	30.635	ng/ul	100
55) 4-Nitrophenol	14.704	109	255851	38.751	ng/ul	95
56) Dibenzofuran	14.898	168	1945552	39.686	ng/ul	100
57) 2,4-Dinitrotoluene	14.857	165	464218	38.637	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.122	232	345925	35.807	ng/ul	92
59) Diethylphthalate	15.328	149	1627750	38.724	ng/ul	98
61) Fluorene	15.545	166	1511777	39.523	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.545	204	678966	34.975	ng/ul	95
63) 4-Nitroaniline	15.557	138	339444	41.664	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.616	198	245690	37.528	ng/ul	92
67) N-Nitrosodiphenylamine	15.751	169	1334622	42.932	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	406460	37.559	ng/ul	90
69) Hexachlorobenzene	16.551	284	454384	36.839	ng/ul#	91
70) Atrazine	16.704	200	446880	38.445	ng/ul	96
71) Pentachlorophenol	16.886	266	293689	39.205	ng/ul	98
72) Phenanthrene	17.281	178	2367717	41.553	ng/ul	99
74) Anthracene	17.375	178	2397859	41.995	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	657066	40.215	ng/uL	97
76) Pentachlorobenzene	14.822	250	576218	38.660	ng/uL	91
77) Carbazole	17.639	167	2195509	44.310	ng/ul	99
78) Di-n-butylphthalate	18.216	149	2654095	42.828	ng/ul	100
80) Fluoranthene	19.292	202	2616618	37.622	ng/ul#	94
82) Pyrene	19.657	202	2631135	37.328	ng/ul#	93
83) Butylbenzylphthalate	20.569	149	1172343	41.724	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.339	252	859642	45.448	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	2426299	39.379	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.351	149	1725606	42.767	ng/ul#	97
87) Chrysene	21.463	228	2363737	39.654	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	2999663	36.275	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	2646624	38.946	ng/ul#	98
91) Benzo(k)fluoranthene	23.116	252	2353267	37.276	ng/ul	96
93) Benzo(a)pyrene	23.680	252	2486958	39.709	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.209	276	2909319	44.996	ng/ul	93
95) Dibenzo(a,h)anthracene	26.233	278	2472251	44.348	ng/ul	98
96) Benzo(g,h,i)perylene	26.957	276	2592646	47.306	ng/ul#	94

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

Instrument :

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