

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072622\
 Data File : BM035926.D
 Acq On : 26 Jul 2022 15:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

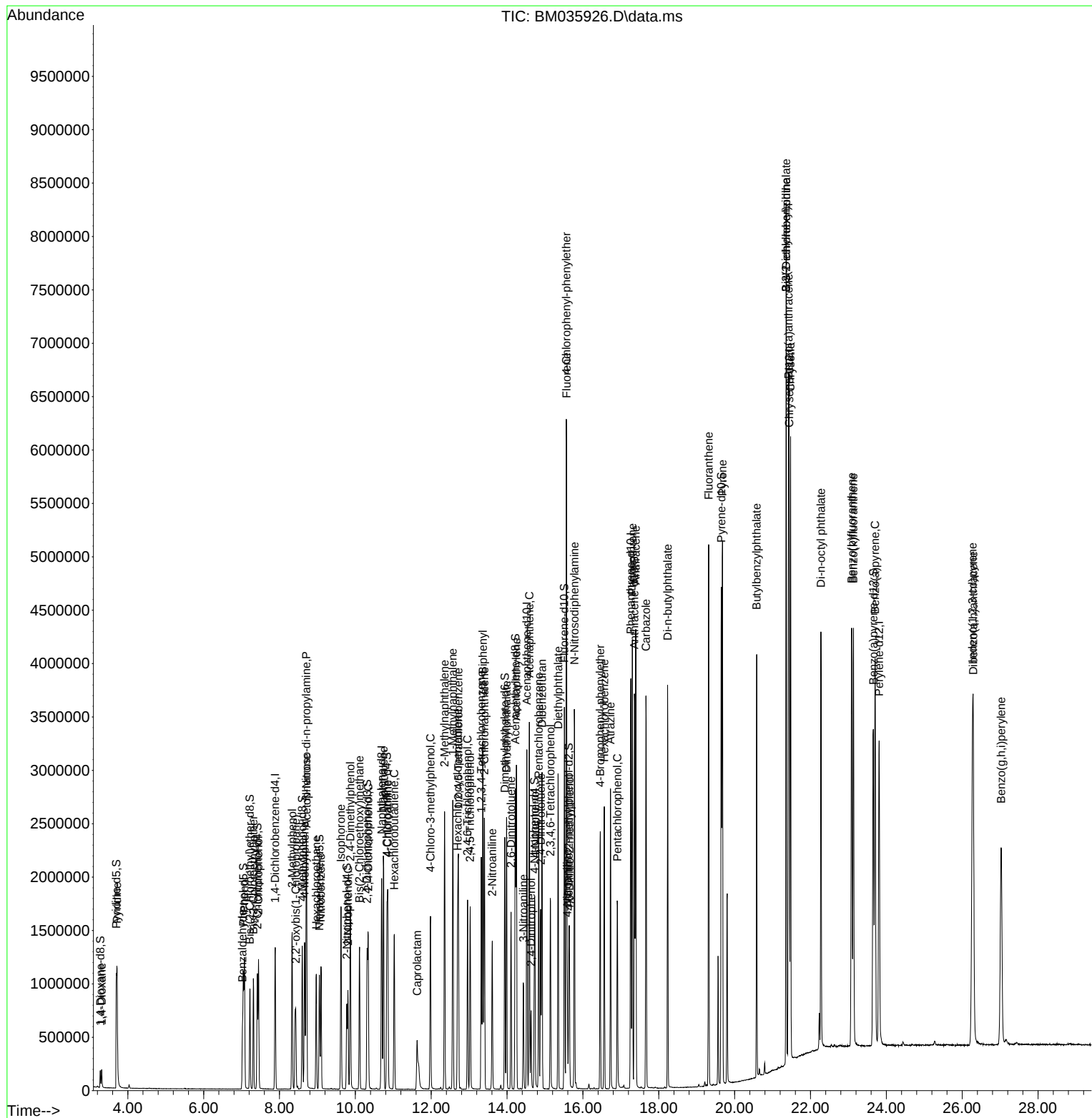
SSTD020131

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/27/2022
 Supervised By :mohammad ahmed 07/27/2022

Quant Time: Jul 26 15:44:11 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	349017	20.000	ng/u1	0.00
20) Naphthalene-d8	10.692	136	1609816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.521	164	1025270	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	2183036	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2155246	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	2051522	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	73549	7.930	ng/uL	0.00
4) Pyridine-d5	3.698	84	505319	19.887	ng/u1	0.00
7) Phenol-d5	7.045	99	583042	19.921	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	412689	21.151	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	497341	20.472	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	489688	20.652	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	257938	20.220	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	247232	19.893	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	463004	20.598	ng/u1	0.00
31) 4-Chloroaniline-d4	10.833	131	844117	22.183	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	1497369	21.440	ng/u1	0.00
49) Acenaphthylene-d8	14.215	160	1836453	20.609	ng/u1	0.00
54) 4-Nitrophenol-d4	14.721	143	290361	20.246	ng/u1	0.00
60) Fluorene-d10	15.509	176	1329764	21.071	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	207391	17.674	ng/u1	0.00
73) Anthracene-d10	17.356	188	2031633	20.585	ng/u1	0.00
81) Pyrene-d10	19.650	212	2351377	19.685	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.656	264	2114661	20.303	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	76141	7.922	ng/uL	96
5) Pyridine	3.716	79	531980	19.951	ng/u1	89
6) Benzaldehyde	7.022	77	184286	15.002	ng/u1	93
8) Phenol	7.075	94	649539	20.279	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.310	93	539003	20.932	ng/u1	99
12) 2-Chlorophenol	7.445	128	514471	20.643	ng/u1	100
13) 2-Methylphenol	8.333	108	490911	20.516	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.428	45	735187	21.630	ng/u1	99
16) Acetophenone	8.716	105	826456	21.710	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	425478	22.412	ng/u1	96
18) 4-Methylphenol	8.663	108	543234	21.163	ng/u1	95
19) Hexachloroethane	8.969	117	212195	20.636	ng/u1	89
22) Nitrobenzene	9.092	77	605723	20.750	ng/u1	99
23) Isophorone	9.622	82	1194965	21.686	ng/u1	97
25) 2-Nitrophenol	9.804	139	282696	20.503	ng/u1	100
26) 2,4-Dimethylphenol	9.869	107	583584	20.714	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	735357	21.159	ng/u1	100
29) 2,4-Dichlorophenol	10.339	162	478798	20.523	ng/u1	99
30) Naphthalene	10.739	128	1751107	20.608	ng/u1	99
32) 4-Chloroaniline	10.857	127	835860	22.113	ng/u1	99
33) Hexachlorobutadiene	11.027	225	290209	20.150	ng/u1	96
34) Caprolactam	11.627	113	158820m	20.598	ng/u1	
35) 4-Chloro-3-methylphenol	11.980	107	529712	21.835	ng/u1	97
36) 2-Methylnaphthalene	12.351	142	1187959	21.369	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1198516	21.389	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	569226	19.504	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	353345	18.179	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	372797	19.961	ng/ul	99
42) 2,4,5-Trichlorophenol	13.027	196	405876	20.367	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	1589291	20.139	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	1204725	19.892	ng/ul	98
45) 2-Nitroaniline	13.610	65	352404	21.106	ng/ul	98
47) Dimethylphthalate	13.986	163	1502381	21.387	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	294821	21.139	ng/ul	89
50) Acenaphthylene	14.245	152	2018641	20.479	ng/ul	99
51) 3-Nitroaniline	14.433	138	241439	15.664	ng/ul	95
52) Acenaphthene	14.586	153	1315437	20.570	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	139713	17.643	ng/ul	100
55) 4-Nitrophenol	14.733	109	223289	20.357	ng/ul	87
56) Dibenzofuran	14.921	168	1854512	20.959	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	429282	21.835	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.145	232	331551	21.175	ng/ul	96
59) Diethylphthalate	15.345	149	1546397	21.763	ng/ul	99
61) Fluorene	15.568	166	1534890	21.235	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.562	204	728581	21.038	ng/ul	99
63) 4-Nitroaniline	15.586	138	216256	15.240	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	212926	18.134	ng/ul	98
67) N-Nitrosodiphenylamine	15.774	169	1279262	19.933	ng/ul	99
68) 4-Bromophenyl-phenylether	16.456	248	427621	19.981	ng/ul	99
69) Hexachlorobenzene	16.562	284	526553	20.193	ng/ul	99
70) Atrazine	16.727	200	444041	19.948	ng/ul	97
71) Pentachlorophenol	16.909	266	297588	18.681	ng/ul	99
72) Phenanthrene	17.303	178	2382716	20.364	ng/ul	98
74) Anthracene	17.392	178	2418941	20.603	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.321	216	594975	17.526	ng/ul	98
76) Pentachlorobenzene	14.833	250	585698	19.033	ng/ul	99
77) Carbazole	17.662	167	2252841	20.776	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2614463	21.369	ng/ul	99
80) Fluoranthene	19.315	202	2762297	19.355	ng/ul	99
82) Pyrene	19.680	202	2863920	19.469	ng/ul	97
83) Butylbenzylphthalate	20.580	149	1072481	20.046	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.356	252	762386	19.169	ng/ul	99
85) Benzo(a)anthracene	21.421	228	2781519	20.504	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.356	149	1605833	20.773	ng/ul	99
87) Chrysene	21.474	228	2665503	20.138	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2529336	19.092	ng/ul	100
90) Benzo(b)fluoranthene	23.085	252	2761583	20.170	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	2621560	20.178	ng/ul	98
93) Benzo(a)pyrene	23.703	252	2637270	20.223	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.273	276	2801789	20.156	ng/ul	93
95) Dibenzo(a,h)anthracene	26.291	278	2420721	20.298	ng/ul	96
96) Benzo(g,h,i)perylene	27.026	276	2313668	20.086	ng/ul	97

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

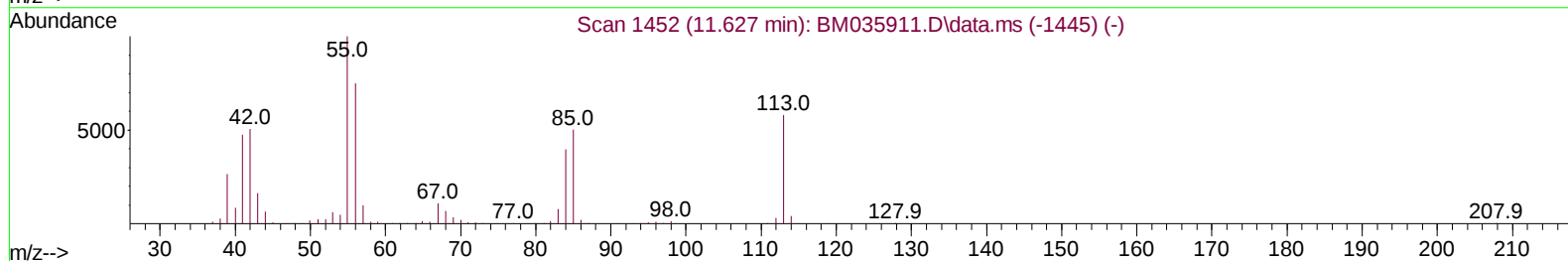
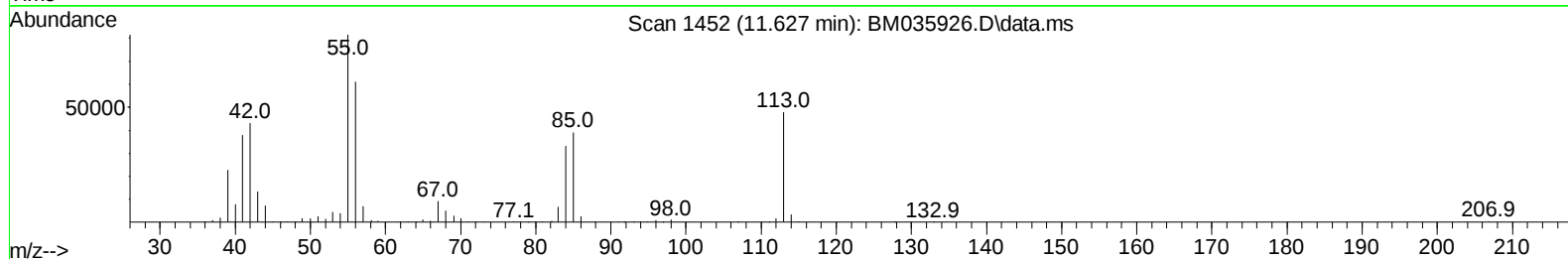
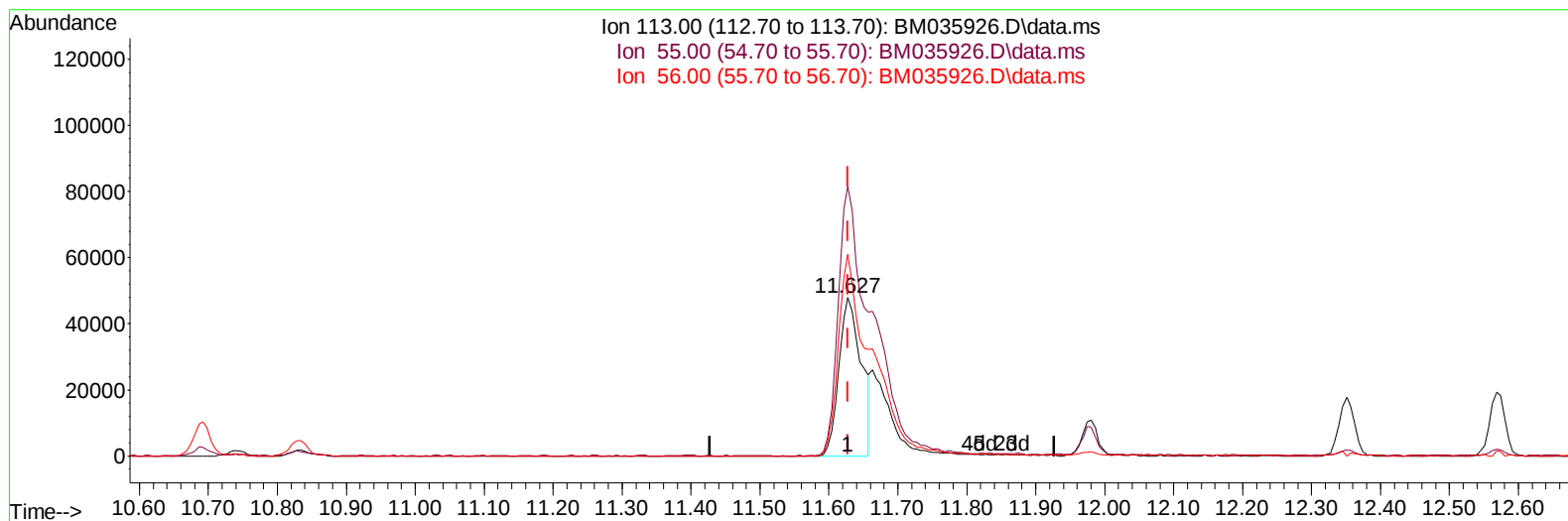
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TIC: BM035926.D\data.ms

(34) Caprolactam

11.627min (+ 0.000) 13.93 ng/ul

response 107421

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	170.14
56.00	127.60	127.57
0.00	0.00	0.00

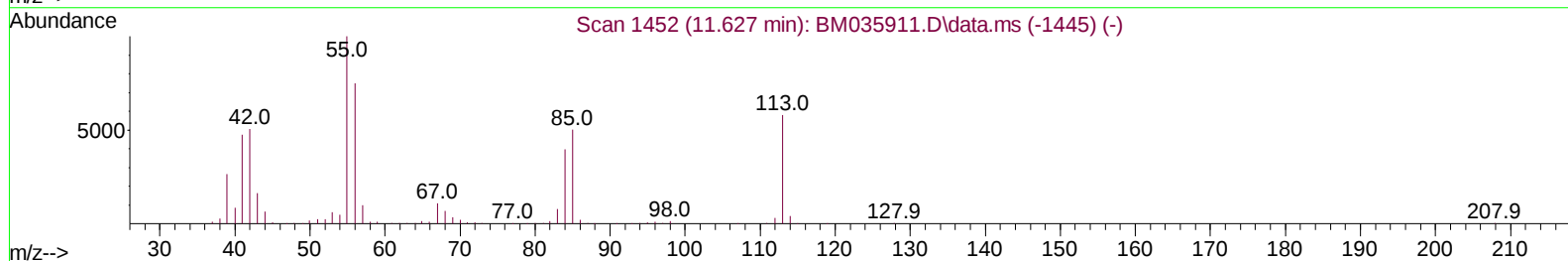
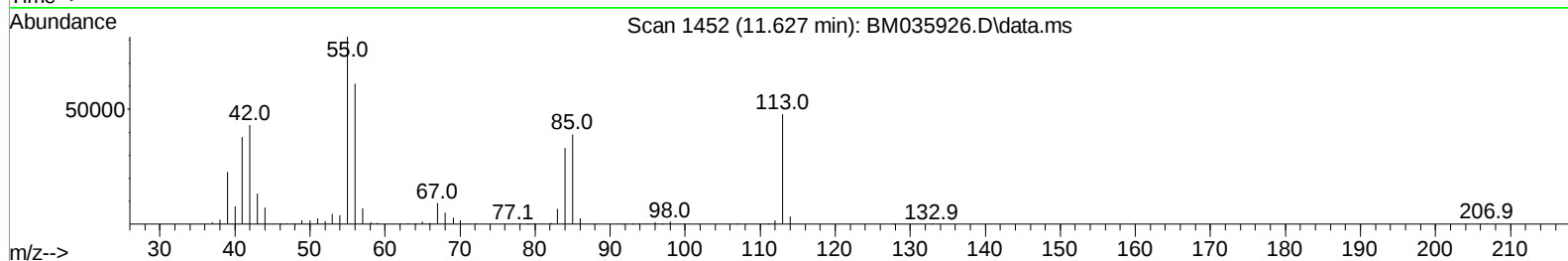
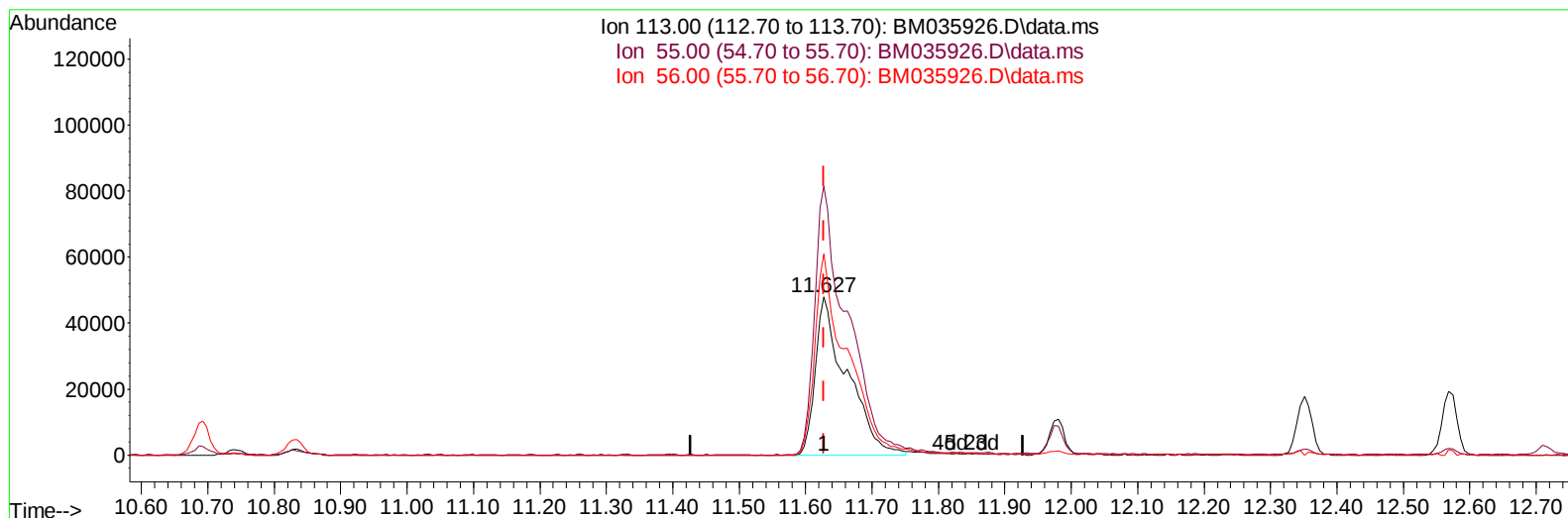
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(34) Caprolactam

11.627min (+ 0.000) 20.60 ng/ul m

response 158820

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	170.14
56.00	127.60	127.57
0.00	0.00	0.00

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Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	349017	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	1609816	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	1025270	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	2183036	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2155246	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	2051522	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	73549	7.930	ng/uL	0.00
4) Pyridine-d5	3.698	84	505319	19.887	ng/ul	0.00
7) Phenol-d5	7.045	99	583042	19.921	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	412689	21.151	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	497341	20.472	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	489688	20.652	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	257938	20.220	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	247232	19.893	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	463004	20.598	ng/ul	0.00
31) 4-Chloroaniline-d4	10.833	131	844117	22.183	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	1497369	21.440	ng/ul	0.00
49) Acenaphthylene-d8	14.215	160	1836453	20.609	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	290361	20.246	ng/ul	0.00
60) Fluorene-d10	15.509	176	1329764	21.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	207391	17.674	ng/ul	0.00
73) Anthracene-d10	17.356	188	2031633	20.585	ng/ul	0.00
81) Pyrene-d10	19.650	212	2351377	19.685	ng/ul	0.00
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22) Nitrobenzene	9.092	77	605723	20.750	ng/ul	99
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32) 4-Chloroaniline	10.857	127	835860	22.113	ng/ul	99
33) Hexachlorobutadiene	11.027	225	290209	20.150	ng/ul	96
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37) 1-Methylnaphthalene	12.569	142	1198516	21.389	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	569226	19.504	ng/ul	99
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63) 4-Nitroaniline	15.586	138	216256	15.240	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	212926	18.134	ng/ul	98
67) N-Nitrosodiphenylamine	15.774	169	1279262	19.933	ng/ul	99
68) 4-Bromophenyl-phenylether	16.456	248	427621	19.981	ng/ul	99
69) Hexachlorobenzene	16.562	284	526553	20.193	ng/ul	99
70) Atrazine	16.727	200	444041	19.948	ng/ul	97
71) Pentachlorophenol	16.909	266	297588	18.681	ng/ul	99
72) Phenanthrene	17.303	178	2382716	20.364	ng/ul	98
74) Anthracene	17.392	178	2418941	20.603	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.321	216	594975	17.526	ng/uL	98
76) Pentachlorobenzene	14.833	250	585698	19.033	ng/uL	99
77) Carbazole	17.662	167	2252841	20.776	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2614463	21.369	ng/ul	99
80) Fluoranthene	19.315	202	2762297	19.355	ng/ul	99
82) Pyrene	19.680	202	2863920	19.469	ng/ul	97
83) Butylbenzylphthalate	20.580	149	1072481	20.046	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.356	252	762386	19.169	ng/ul	99
85) Benzo(a)anthracene	21.421	228	2781519	20.504	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.356	149	1605833	20.773	ng/ul	99
87) Chrysene	21.474	228	2665503	20.138	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2529336	19.092	ng/ul	100
90) Benzo(b)fluoranthene	23.085	252	2761583	20.170	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	2621560	20.178	ng/ul	98
93) Benzo(a)pyrene	23.703	252	2637270	20.223	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.273	276	2801789	20.156	ng/ul	93
95) Dibenzo(a,h)anthracene	26.291	278	2420721	20.298	ng/ul	96
96) Benzo(g,h,i)perylene	27.026	276	2313668	20.086	ng/ul	97

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